25 CHAPEL ROAD

26D000074

July 18, 2001

Amherst Board of Health,

RE: System Installation Inspection
25 Chapel Street, Amherst

On this date the writer inspected the installation of **a repaired Soil Absorption System** (septic system). The writer found the installation to be complete (except for completion of cover material) and in compliance with 310 CMR 15.000. The installer representative (**Karls of Hadley**) and my inspection noted that the system was built properly, in accordance with the state regulations and our plan.

Sincerely,

Cold Spring Environmental Consultants, Inc.

Alan E. Weiss, M.S., L.S.P.
President
Principal Hydrogeologist
Licensed Site Professional #6442

Registered Sanitarian #933

Cold Spring Environmental
350 Old Enfield Road
Belchertown, Ma. 01007

413-323-5957, phone
413-323-4916, fax

No. 01-05 Parcel # 26D000094 FEE 225

COMMONWEALTH OF MASSACHUSETTS

Board of Health, Amherst, *MA.*

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT

Application for a Permit to Construct( ) Repair(✓) Upgrade(✓) Abandon( ) - ☐ **Complete System** ☐ **Individual Components**

Location	25 Chapel St.	Owner's Name	SALLY SINGINGTREE
Map/Parcel#	MAP 26D / LOT 94	Address	862 SIR FRANCIS DRAKE BLVD, SK 235 SAN ANSELMO, CA. 94960
Lot#		Telephone#	415 - 488 - 0187
Installer's Name	KARL'S EXCAVATING	Designer's Name	Alan Weiss RS
Address	HADLEY, MA	Address	Belchertown MA.
Telephone#	413-549-5396	Telephone#	350 Old Enfield Rd 413-323-5954

Type of Building Res Lot Size 30,496 sq. ft.

Dwelling - No. of Bedrooms 4-5 Garbage grinder (✓) No

Other - Type of Building No. of persons Showers ( ), Cafeteria ( )

Other Fixtures

Design Flow (min. required) 440 gpd Calculated design flow 592 Design flow provided 592 gpd

Plan: Date 6/26/01 Number of sheets 4 Revision Date

Title SEPTIC REPAIR DESIGN FOR SALLY SINGING TREE

Description of Soil(s) CLASS I. SAND

Soil Evaluator Form No. Name of Soil Evaluator A. Weiss Date of Evaluation 6/22/01

DESCRIPTION OF REPAIRS OR ALTERATIONS NEW S. TANK + L. field. *pump crush + fill Existing S. Tank.

The undersigned agrees to install the above described Individual Sewage Disposal System in accordance with the provisions of TITLE 5 and further agrees to not to place the system in operation until a Certificate of Compliance has been issued by the Board of Health.

Signed Sally B. Singingtree Date June 27, 2001

Inspections

No. 01-05 FEE 225

COMMONWEALTH OF MASSACHUSETTS

Board of Health, Amherst, *MA.*

CERTIFICATE OF COMPLIANCE

Description of Work: ☐ **Individual Component(s)** ☐ **Complete System**

The undersigned hereby certify that the Sewage Disposal System; Constructed ( ), Repaired (✓), Upgraded ( ), Abandoned ( )

by:

at 25 Chapel Road

has been installed in accordance with the provisions of 310 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to application No. 01-05, dated . Approved Design Flow (gpd)

Installer Sent for Karl's Ext

Designer: Inspector: Date: 7/17/01

The issuance of this permit shall not be construed as a guarantee that the system will function as designed.

No. 01-05 FEE 225

COMMONWEALTH OF MASSACHUSETTS

Board of Health, Amherst, *MA.*

DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permission is hereby granted to; Construct( ) Repair(✓) Upgrade( ) Abandon( ) an individual sewage disposal system at 25 Chapel Road as described in the application for Disposal System Construction Permit No. 01-05, dated 6/28/01

Provided: Construction shall be completed within three years of the date of this permit. All local conditions must be met.

Form 1255 Rev. 5/96 A.M. Sulkin Co. Boston, MA Date 6/28/01 Board of Health

COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.

ALAN E. WEISS, M.S., L.S.P.
Licensed Site Professional
Registered Sanitarian
Hydrogeologist
President

350 Old Enfield Rd.
Belchertown, MA 01007
(413) 323-5957 & 323-4916 (FAX)

•Subsurface Investigations
•21E Site Investigations
•Pollution Remediation
•Percolation Tests and Septic Designs

Date: 6/22/01

Commonwealth of Massachusetts
Amherst, Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Performed By: A. Weiss
Witnessed By: D. Zarozwski

Date: 6/22/01

Location Address or Lot # 25 Chapel St Amherst, MA LOT 94, MAP 26D New Construction ☐ Repair ☑	Owner's Name, Address, and Telephone # SALLY SINGING TREE 862 SIR FRANCIS DRAKE BLVD. Ste 235 SAN ANSELMO, CA 94960

Office Review

Published Soil Survey Available: No ☐ Yes ☑

Year Published 1981 Publication Scale 15,840 Soil Map Unit HgB

Drainage Class RAPID Soil Limitations —

Surficial Geologic Report Available: No ☑ Yes ☐

Year Published Publication Scale

Geologic Material (Map Unit)

Landform

Flood Insurance Rate Map:

Above 500 year flood boundary No ☐ Yes ☑

Within 500 year flood boundary No ☑ Yes ☐

Within 100 year flood boundary No ☑ Yes ☐

Wetland Area:

National Wetland Inventory Map (map unit)

Wetlands Conservancy Program Map (map unit)

Current Water Resource Conditions (USGS): Month

Range: Above Normal ☐ Normal ☑ Below Normal ☐

Other References Reviewed:

Location Address or Lot No. 25 Chapel St

On-site Review

Deep Hole Number TP-1 & 2 Date: 6/22/01 Time: 11:00 Weather Clouds 70°F

Location (identify on site plan)

Land Use RES Slope (%) 1 Surface Stones few

Vegetation grasses, W. Pine, Apple.

Landform

Position on landscape (sketch on the back)

Distances from:

Open Water Body 100'+ feet Drainage way 100'+ feet

Possible Wet Area 100'+ feet Property Line 40' feet

Drinking Water Well 100'+ feet Other

Town Water

DEEP OBSERVATION HOLE LOG*

	Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
TP1	0-8"	A	FSL	10YR5/2		Friable, loose
	8-18"	Bw	S	10YR5/4	Not obs	Friable, loose
	18-120"	C	S	10YR5/6		COARSE SAND + GRAVEL
TP2	0-8"	A	FSL	10YR3/2		Friable, loose
	8-18"	Bw	S	10YR5/4	Not obs	Friable, loose
	18-120"	C	S	10YR5/6		COARSE SAND + GRAVEL

* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) outwash Depth to Bedrock: 120"+

Depth to Groundwater: Standing Water in the Hole: Not obs. Weeping from Pit Face: Not obs

Estimated Seasonal High Ground Water: 120"+

Location Address or Lot No. 25 chapel st.

COMMONWEALTH OF MASSACHUSETTS

Amherst, Massachusetts

Percolation Test*

Date: 6/22/01	Time: 10:45'	
Observation Hole #	1	
Depth of Perc	40"	
Start Pre-soak	10:50	
End Pre-soak	CAN'T	
Time at 12"	HOLD	
Time at 9"	SOAK	
Time at 6"	10:52	1967 PERC TEST
Time (9"-6")	<2	<2
Rate Min./Inch	<2	

* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

Site Passed ☑ Site Failed ☐

Performed By: A. Weiss

Witnessed By: D. Zarozinski

Comments: 5' separation

Location Address or Lot No. 25 Chapel St

Determination for Seasonal High Water Table

Method Used:

- ☐ Depth observed standing in observation hole ..... inches
- ☐ Depth weeping from side of observation hole ..... inches
- ☑ Depth to soil mottles 120"+ inches
- ☐ Ground water adjustment ..... feet

Index Well Number ..... Reading Date ..... Index well level ....

Adjustment factor ..... Adjusted ground water level .....

Depth of Naturally Occurring Pervious Material

Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system? yes

If not, what is the depth of naturally occurring pervious material? —

Certification

I certify that on June 95 (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.

Signature [signature] Date 6/22/01

COMMONWEALTH OF MASSACHUSETTS
ALAN E. WEISS
REG. #933
REGISTERED SANITARIAN

Perc Test 150.00
Plans - 75.00
Final
Total 225.00

CK 3914
Rec # 1735
6/27/01

FORM 11 - SOIL EVALUATOR FORM

No. _____ Date: 6/22/01

Commonwealth of Massachusetts
, Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Performed By: Al Weiss Date: 6/22/01
Witnessed By: David Zaroczinski

Location Address or Lot # 25 Chapel Road	Owner's Name, Address, and Telephone # Sally Singingtree owner 415-488-0187
New Construction ☐ Repair ☑	

Office Review

Published Soil Survey Available: No ☐ Yes ☑

Year Published Publication Scale Soil Map Unit

Drainage Class Soil Limitations

Surficial Geologic Report Available: No ☑ Yes ☐

Year Published Publication Scale

Geologic Material (Map Unit)

Landform

Flood Insurance Rate Map:

Above 500 year flood boundary No ☐ Yes ☑

Within 500 year flood boundary No ☑ Yes ☐

Within 100 year flood boundary No ☑ Yes ☐

Wetland Area:

National Wetland Inventory Map (map unit)

Wetlands Conservancy Program Map (map unit)

Current Water Resource Conditions (USGS): Month

Range :Above Normal ☑ Normal ☐ Below Normal ☐

Other References Reviewed: _____

DEP

FORM 12 - PERCOLATION TEST

Location Address or Lot No. 25 Chapel St

COMMONWEALTH OF MASSACHUSETTS

, Massachusetts

Percolation Test*		
Date: 6/22/01	Time:	
Observation Hole #	1	
Depth of Perc	40"	
Start Pre-soak	10:50	
End Pre-soak	10:50	
Time at 12"	~~10:59"~~	
Time at 9"	AT	
Time at 6"	6"	(1967 <2)
Time (9"-6")	<2	
Rate Min./Inch	<2	

* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

Site Passed ☐ Site Failed ☑

Performed By: AL Weiss – Cold Spring Eng

Witnessed By: David Jarozinsky.

Comments:

DEP APPROVED FORM - 12/07/95

Location Address or Lot No. 25 Chapel Road

On-site Review

Deep Hole Number _____ Date: 6/22/01 Time: 10:30 Weather Cloudy 70°

Location (identify on site plan) _____

Land Use Residential Slope (%) 1 Surface Stones Few

Vegetation Grass

Landform White Pine

Position on landscape (sketch on the back) _____

Distances from:

Open Water Body 100' feet Drainage way — feet

Possible Wet Area 100' feet Property Line 40 feet

Drinking Water Well — feet Other

DEEP OBSERVATION HOLE LOG*

	Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
HOLE 1	8"	A	FSL	10YR 3/2	—	Friable
	18	B	Sand	10YR 5/4	—	Loose
		C	Sand	10YR 5/6	—	
	120"					
HOLE 2	8	A				
	18	B	Same	As #1		
		C				
	120"					

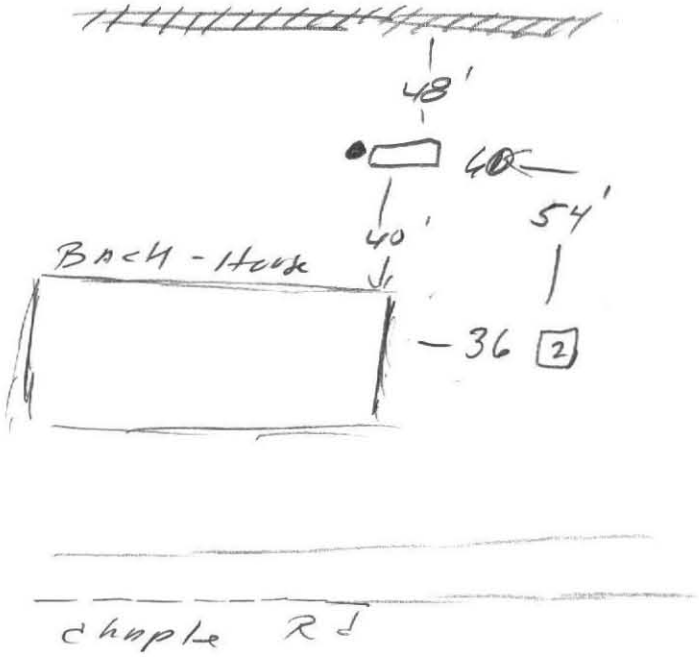
* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) Outwash Depth to Bedrock: 120+

Depth to Groundwater: Standing Water in the Hole: — Weeping from Pit Face: —

Estimated Seasonal High Ground Water: 120" +

over


48'
40
54'
40'
Back - House
36
2
Chaple Rd

~~25 Chapel Rd. Amherst, MA property~~

SALLY BOYCE SINGINGTREE
PMB 235
862 SIR FRANCIS DRAKE BLVD
SAN ANSELMO, CA 94960-1914

CMA® Cash Management Account®

3914

DATE 6/24/01

25-80/440

PAY TO THE ORDER OF Town of Amherst $225.00

Two hundred twenty-five dollars and no/100ths DOLLARS

Security Features Details on Back

Merrill Lynch

BANK ONE. BANK ONE, COLUMBUS, NA Columbus, Ohio 43271

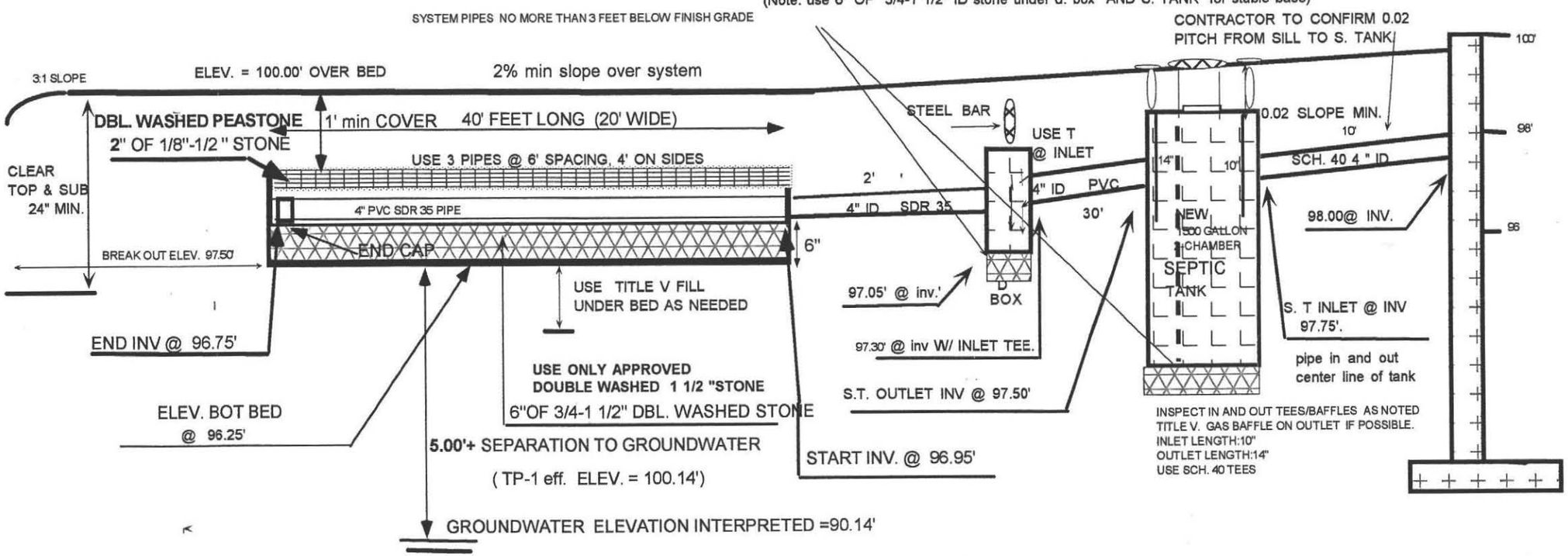
MEMO Septic System Redesign Permit fee Sally B. Singingtree

⑆044000804⑆ 9601308868421⑈ 3914

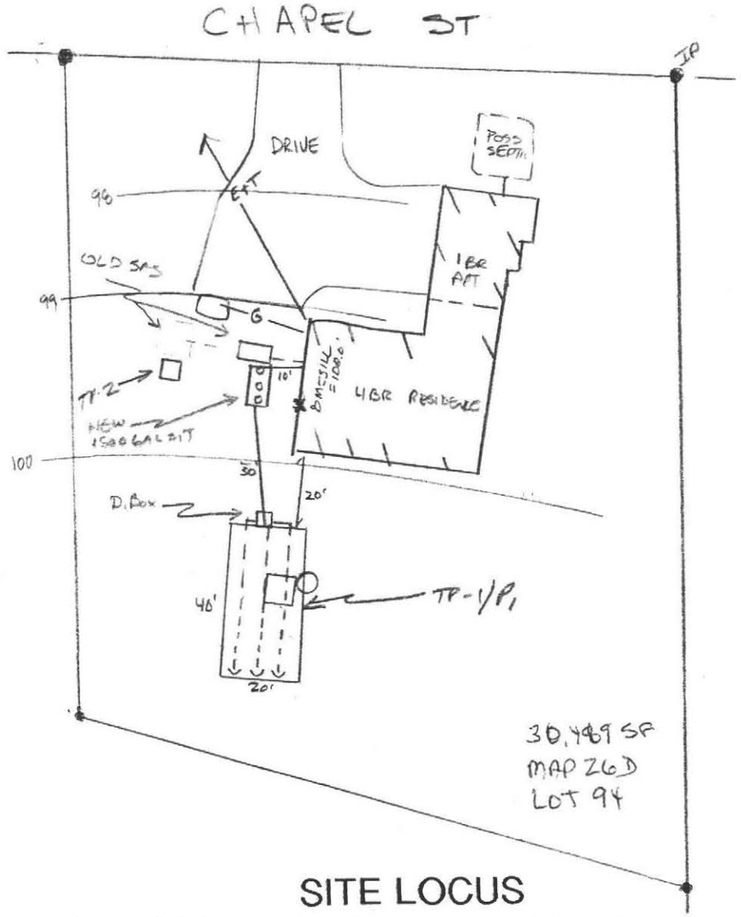
CROSS SECTION OF SEPTIC SYSTEM

(Note: use 6" OF 3/4-1 1/2" ID stone under d. box AND S. TANK for stable base)

*BENCHMARK = TOP OF SILL



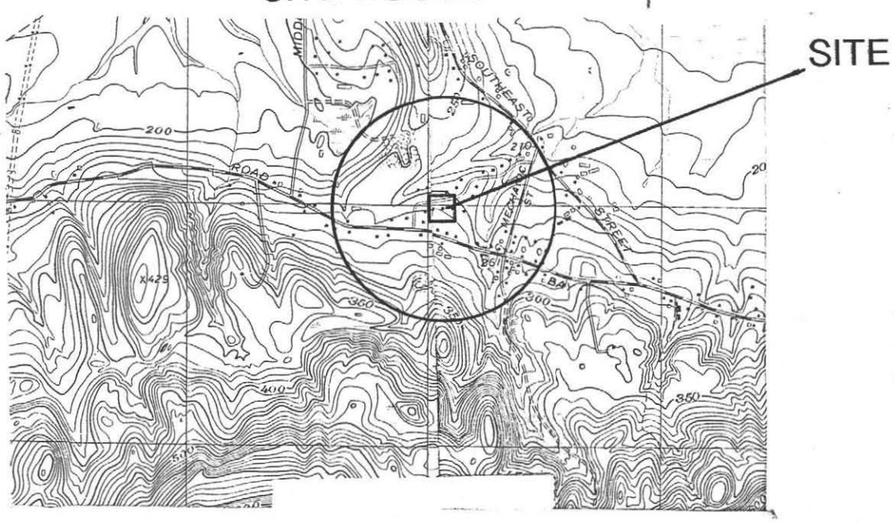
NOTE: USE TITLE V FILL ONLY UNDER AND AROUND FIELD AS NEEDED TO MEET DESIGN ELEVATIONS AS NOTED ON PLAN AND AS PER 310 15.255
(clear all top and sub prior to fill placement)



PLOT PLAN

(1"=40')

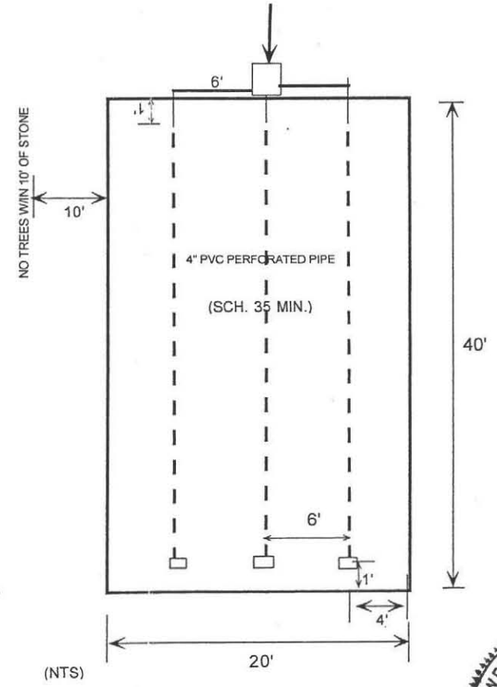
SITE LOCUS



SCALE: 1"=2,083 FT.

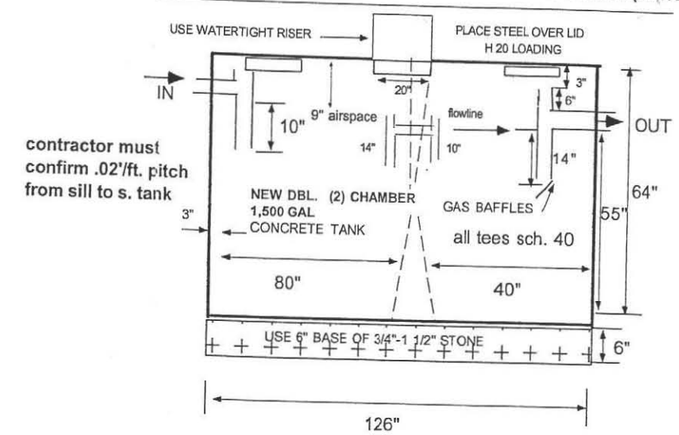
USGS 7.5 MIN. QUAD.

LEACH FIELD DIAGRAM

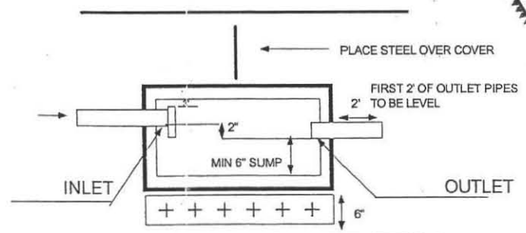


(NTS)

TYPICAL NEW DBL. CHAMBER 1,500 GAL. S. TANK OR EQUIV. (WATERTIGHT)



TYPICAL D. BOX (WATERTIGHT)



- PLACE ON STABLE BASE OF 6" 3/4-1 1/2 " CRUSHED STONE
- USE CONCRETE BOX W/ 2" MIN WALL THICKNESS

TEST PIT LOG

TP-1 EFF. EL. 100.14' TP-2 el. 99.87

0-8"	A : FINE SANDY, FRIABLE-LOOSE (10 YR 3/2)	
8-18"	B: FINE SANDY, FRIABLE-LOOSE (10 YR 5/4)	
18-120" + C1	COARSE SAND & GRAVEL, LOOSE (10 YR 5/6)	
OXIDES Not obs. assumed @ 120" 10 FT.		
ESHWT:120"=IN TP-1 & 2 EFF. FOR DESIGN (5' SEPARATION PROVIDED)		
NOT OBS.	STANDING H20	NOT OBS.
NOT OBS.	WEEPING FROM FACE	NOT OBS.
120" +	BEDROCK	NOT. OBS

COMMONWEALTH OF MASSACHUSETTS
ALAN E. WEISS
REG #933
REGISTERED SANITARIAN

DESIGN NOTES:

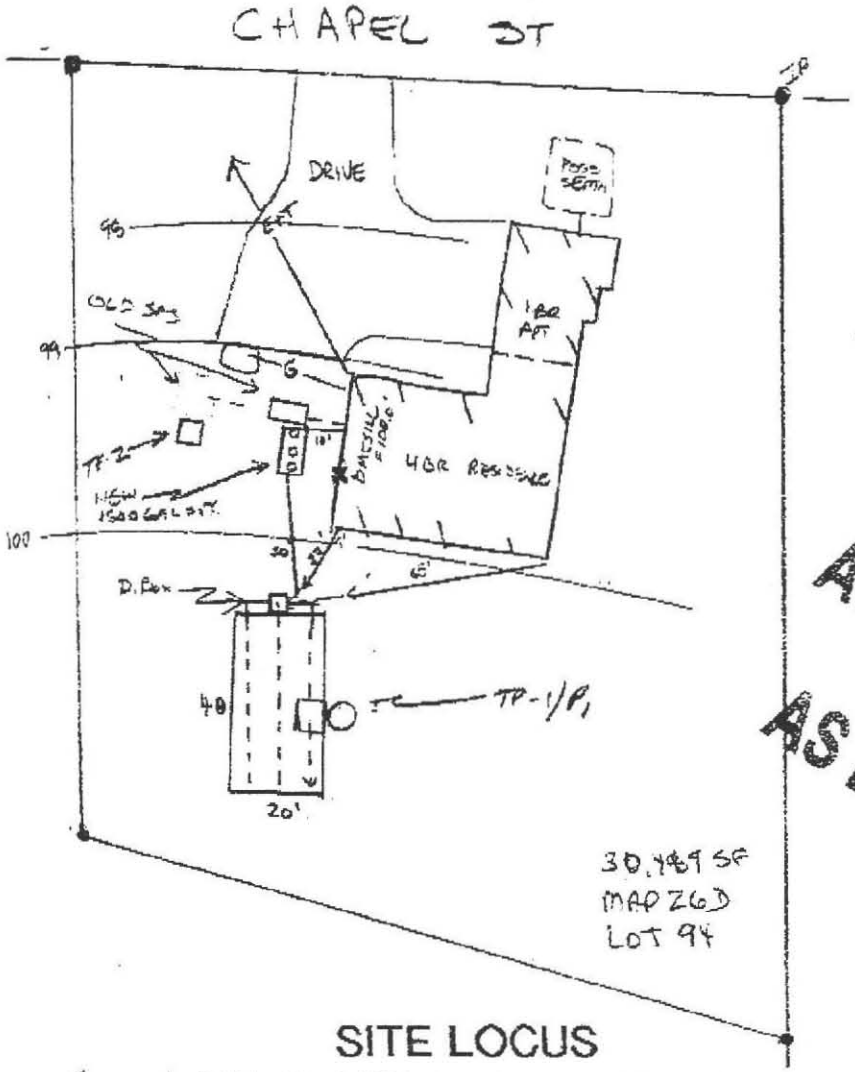
1. 4-5 BR X 110 GAL/PERSONS/DAY =550 GAL/DAY
   -Use ONE Leachfield 20 ' wide x 40' LONG W/6" of .5 ' of DBL washed stone below invert.
   Bot. Area: 20' wide x 40' long =800sf.
   Side Area: N.A.
   Tot. Area: 800 sf x 0.74 gal.sf. = 592 GAL./day.
3. GARBAGE DISPOSAL NOT ALLOWED (remove current disposal)
4.. ALL D. BOX OUTLET PIPES LEVEL FOR 2' ,
5. NO PRIVATE WELLS WITHIN 100 FEET OF SAS (Town water)
6 NO WETLANDs WITHIN 100 FEET OF SAS (see plan),
7. PRE & POST CONTOURS NOTED AS NECESSARY.
8. RESERVE AREA NOT REQUIRED. (PUMP CRUSH & REPLACE OLD SEPTIC TANK (NEW S. TANK MAINTAIN 0.02 PITCH FROM SILL TO S. TANK,
9. SLOPE CALCS (SEE CONTOURS). SUBGRADE INSP. REQ'D.
10. 2% MIN. SLOPE OVER SAS, CLEAR TOP AND SUB TO 24" MIN. AS NEEDED. CLEAR TO BASE (MIN. 18") UNDER BED PRIOR TO TITLE V SAND PLACEMENT.
11. SOIL EVALUATION BY A. WEISS , RS. 06/22/2001.
12. DEPTH OF PERC. 40" BY A. Weiss 06/22/2001
13. PERC RATE = <2 MIN/IN , CLASS I SOIL RATING (sand)
14.INSTALL/INSPECT TEES (10" INLET, 14" OUTLET) ON 1,500 GAL. S. TANK AS NEEDED.
15. USE NEW , 2 CHAMBER 1,500 GAL S. TANK WITH PROPER SCH 40 TEES IN PLACE.
16. USE APPROVED (1 1/2") DBL. WASHED STONE UNDER BED & D. BOX FOR 6". CONFIRM STONE PROPERLY WASHED (WITH BUCKET /H2O TEST) PRIOR TO PLACEMENT.
17. NO TREES WITHIN 10 FT. OF NEW LEACH FIELD.
18 ENGINEER TO INSPECT SUBGRADE, *remove old system IF interferes with new SAS.*
19. T.B.M. 100.00 AT SILL, PITCH PIPE 0.02 TO S. TANK
20. GRADE MULCH AND SEED OVER LEACHFIELD/SAS.

SEPTIC SYSTEM REPAIR PLAN FOR
25 CHAPEL STREET AMHERST, MA

SCALE:	NOTED	APPROVED BY:	DRAWN BY AW
DATE:	6/25/01		

COLD SPRING ENVIRONMENTAL, INC.

DRAWING NUMBER
101-1352-0622



PLOT PLAN

(1" = 40')

7/18/01

AS BUILT

AS BUILT

NO TREES W/IN 10' OF STONE

10'

(NTS)

TYPIC

INLET

- PLACE O
- USE CO

TP-1 EFF. EL. 10

0-8" A: FIN (10

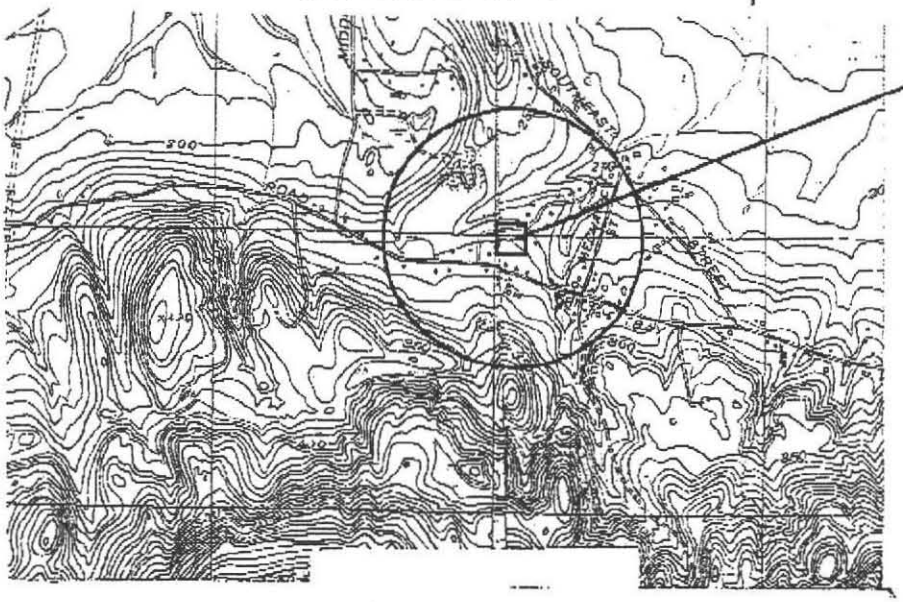
8-18" B: FINE (10

18-120" C1 C (10

OXIDES Not obs.
ESHWT:120"+IN T

NOT OBS.
NOT OBS.
120" +

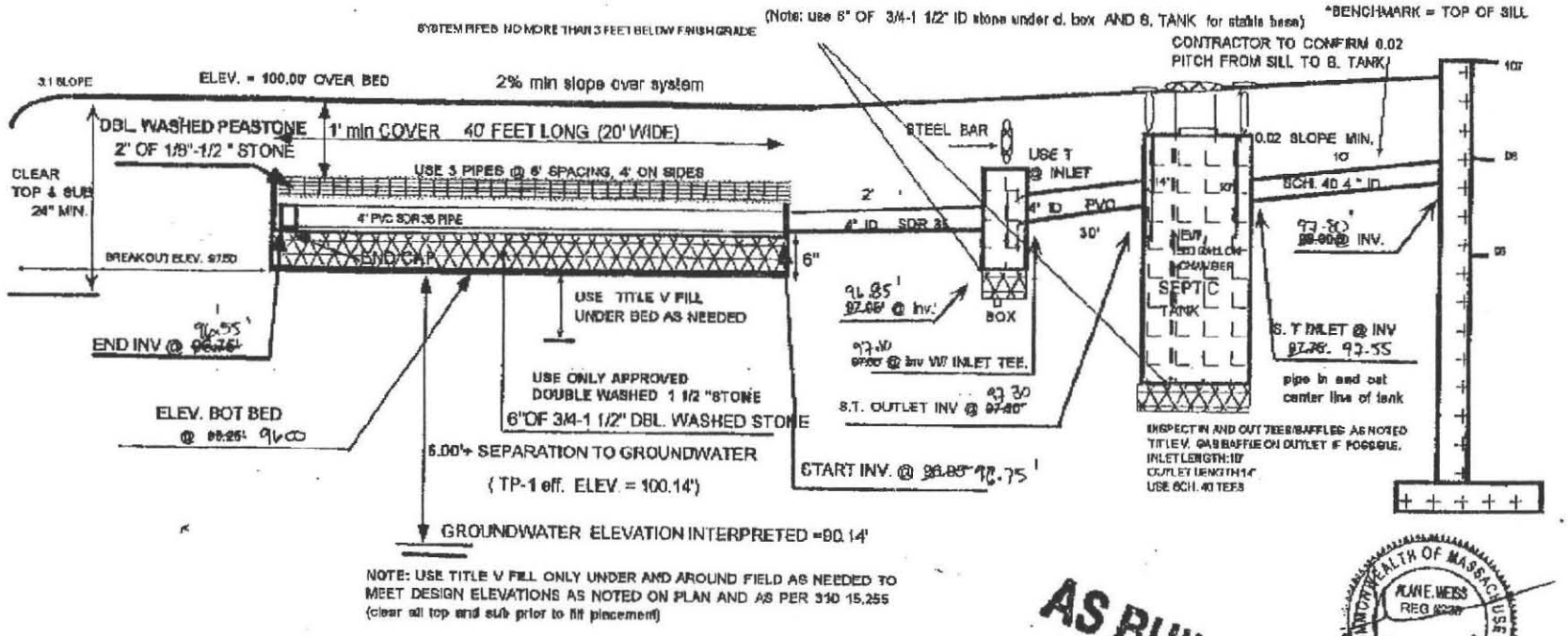
SITE LOCUS



SCALE: 1"=2,083 FT.

USGS 7.5 MIN. QUAD.

CROSS SECTION OF SEPTIC SYSTEM

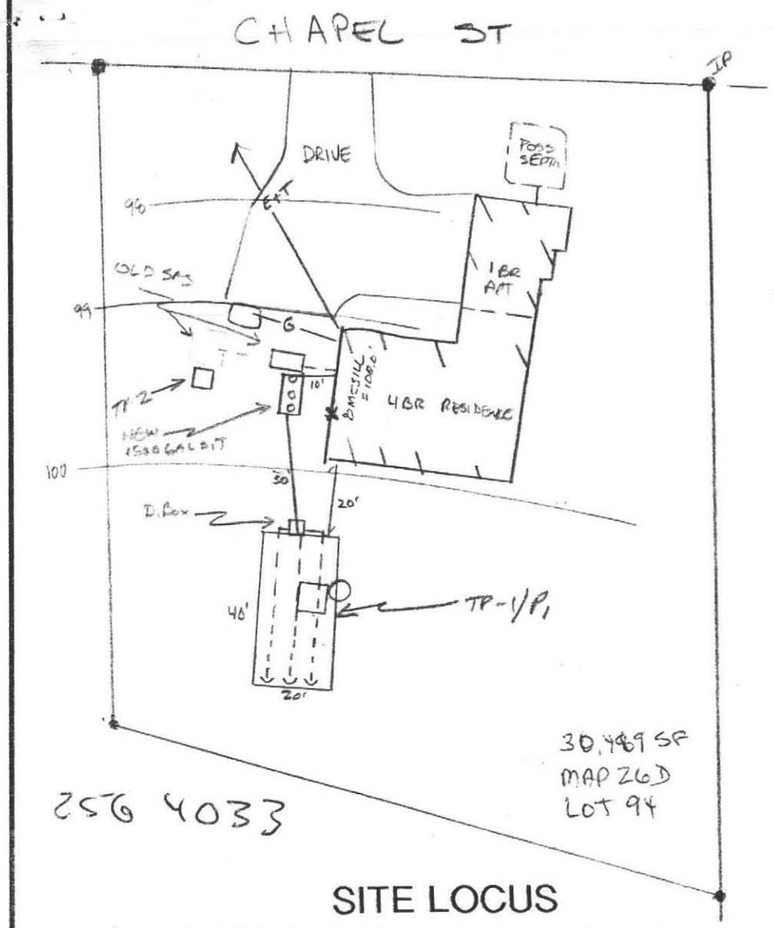


NOTE: USE TITLE V FILL ONLY UNDER AND AROUND FIELD AS NEEDED TO MEET DESIGN ELEVATIONS AS NOTED ON PLAN AND AS PER 310 15.255 (clear all top and sub prior to fill placement)

AS BUILT

AS BUILT 7/18/01

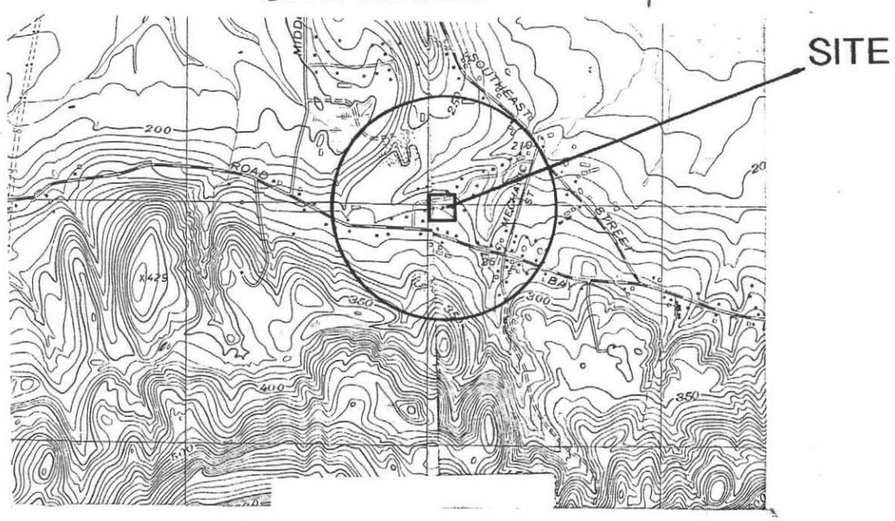
COMMONWEALTH OF MASSACHUSETTS
ALAN E. WEISS
REG. 10340
REGISTERED SANITARIAN



PLOT PLAN

(1" = 40')

SITE LOCUS



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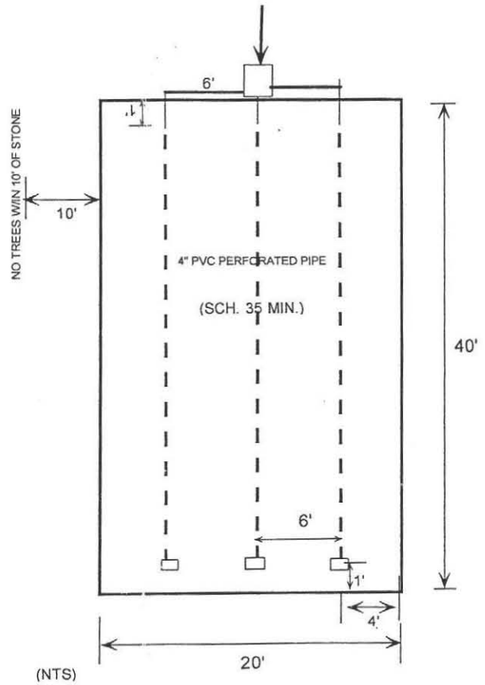
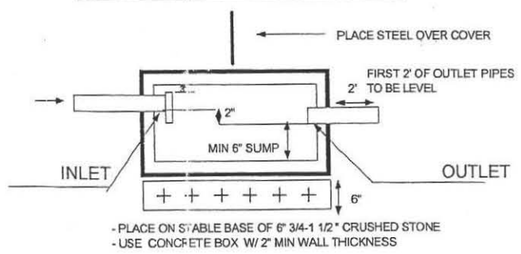
LEACH FIELD DIAGRAM



TYPICAL D. BOX (WATERTIGHT)



TEST PIT LOG

TP-1 EFF. EL. 100.14' TP-2 el. 99.87

0-8" A : FINE SANDY, FRIABLE-LOOSE (10 YR 3/2)

8-18" B: FINE SANDY, FRIABLE-LOOSE (10 YR 5/4)

18-120" C1 COARSE SAND & GRAVEL, LOOSE (10 YR 5/6)

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NOT OBS.	STANDING H20	NOT OBS.
NOT OBS.	WEEPING FROM FACE	NOT OBS.
120" +	BEDROCK	NOT. OBS

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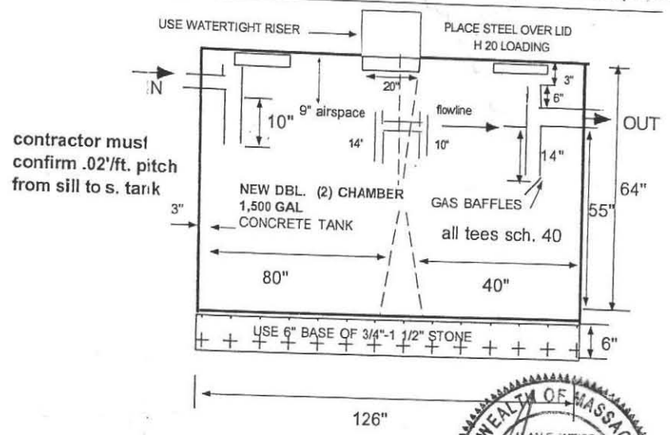

contractor must confirm .02'/ft. pitch from sill to s. tank

COMMONWEALTH OF MASSACHUSETTS
ALAN E. WEISS
REG #933
REGISTERED SANITARIAN

DESIGN NOTES:

1. 4-5 BR X 110 GAL/PERSONS/DAY =550 GAL/DAY
   -Use ONE Leachfield 20 ' wide x 40' LONG W/6" of .5 ' of DBL washed stone below invert.
   Bot. Area: 20' wide x 40' long =800sf.
   Side Area: N.A.
   Tot. Area: 800 sf x 0.74 gal.sf. = 592 GAL./day.
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4.. ALL D. BOX OUTLET PIPES LEVEL FOR 2' ,
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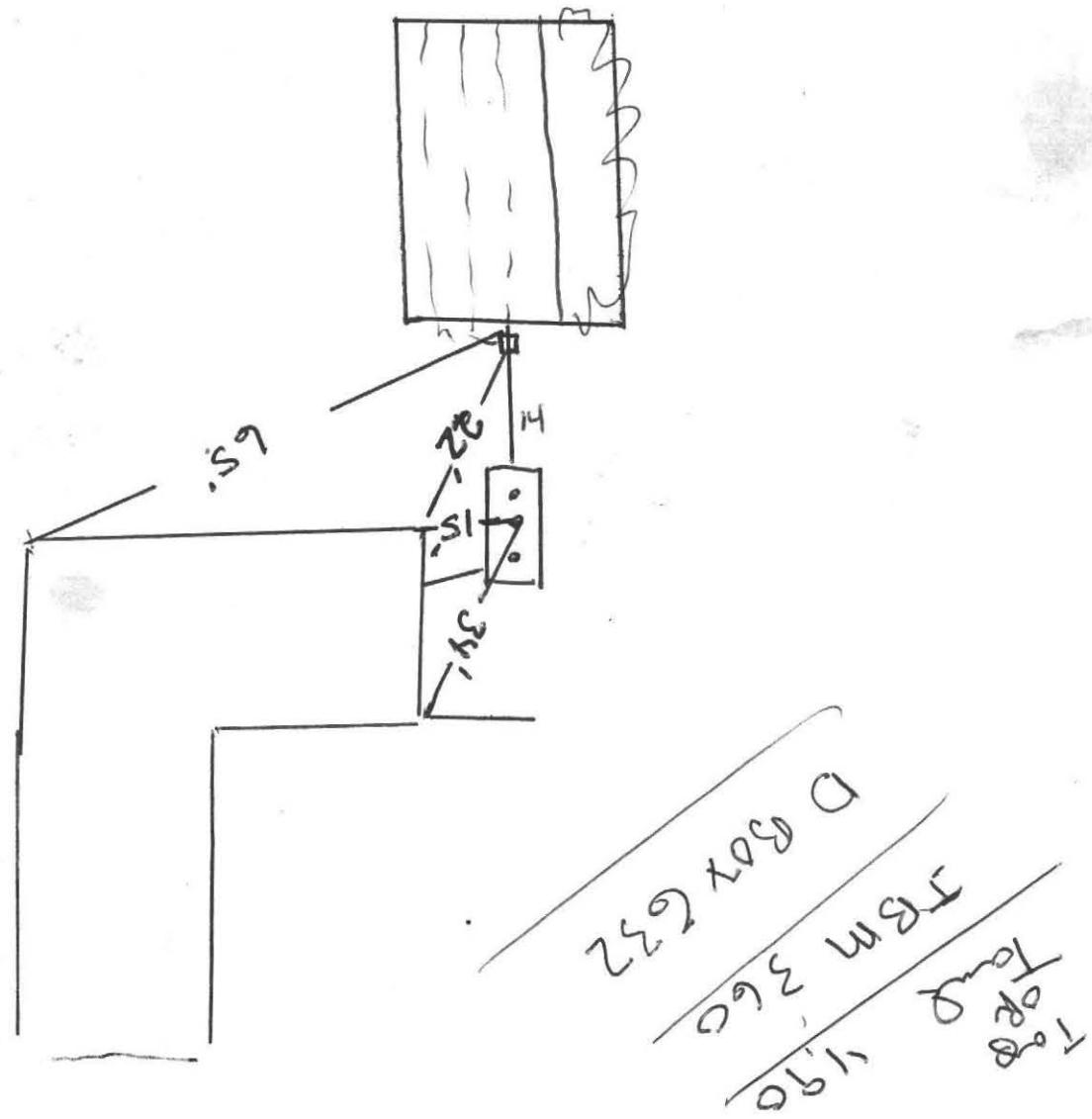
16. USE APPROVED (1 1/2") DBL. WASHED STONE UNDER BED & D. BOX FOR 6". CONFIRM STONE PROPERLY WASHED (WITH BUCKET /H2O TEST) PRIOR TO PLACEMENT.
17. NO TREES WITHIN 10 FT. OF NEW LEACH FIELD.
18 ENGINEER TO INSPECT SUBGRADE, *remove old system IF interferes with new SAS.*
19. T.B.M. 100.00 AT SILL, PITCH PIPE 0.02 TO S. TANK
20. GRADE MULCH AND SEED OVER LEACHFIELD/SAS.

SEPTIC SYSTEM REPAIR PLAN FOR
25 CHAPEL STREET AMHERST, MA

SCALE: NOTED	APPROVED BY:	DRAWN BY AW
DATE: 6/25/01		
COLD SPRING ENVIRONMENTAL, INC.		DRAWING NUMBER 101-1352-0622

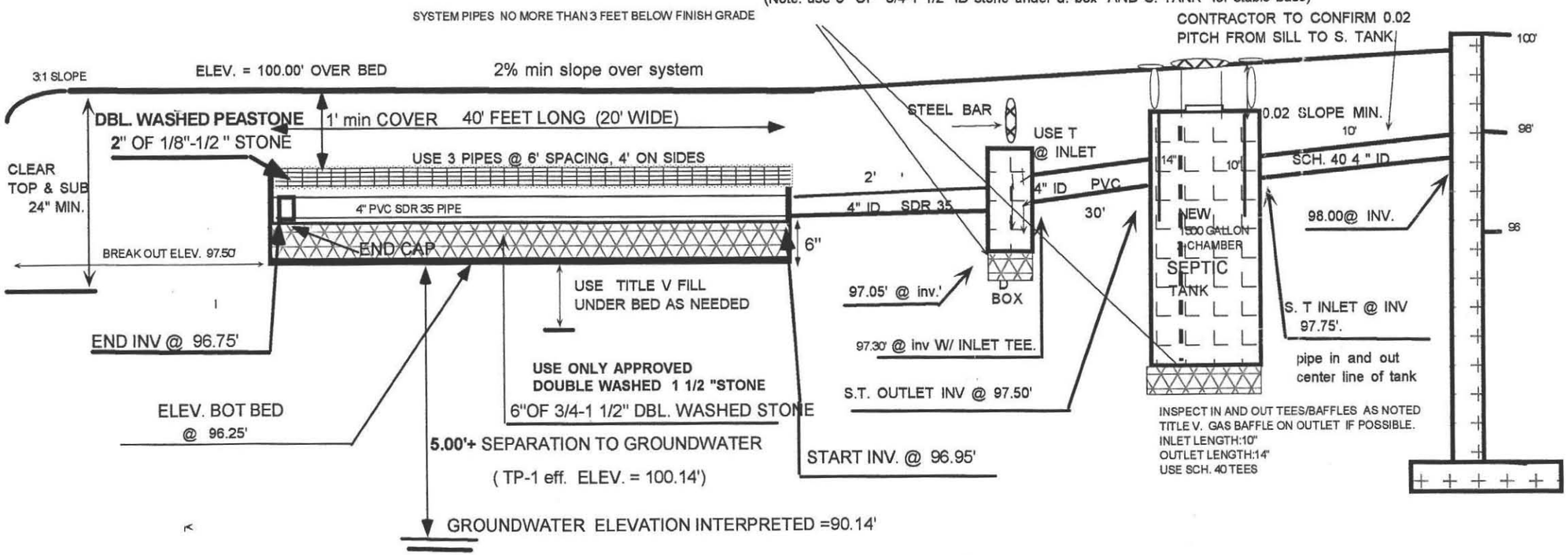


Charged SA No 25

CROSS SECTION OF SEPTIC SYSTEM

(Note: use 6" OF 3/4-1 1/2" ID stone under d. box AND S. TANK for stable base)

*BENCHMARK = TOP OF SILL



NOTE: USE TITLE V FILL ONLY UNDER AND AROUND FIELD AS NEEDED TO MEET DESIGN ELEVATIONS AS NOTED ON PLAN AND AS PER 310 15.255
(clear all top and sub prior to fill placement)

COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.

ALAN E. WEISS, M.S., L.S.P.
Licensed Site Professional
Registered Sanitarian
Hydrogeologist
President

350 Old Enfield Rd.
Belchertown, MA 01007
(413) 323-5957 & 323-4916 (FAX)

•Subsurface Investigations
•21E Site Investigations
•Pollution Remediation
•Percolation Tests and Septic Designs

Date: 6/22/01

Commonwealth of Massachusetts
Amherst, Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Performed By: A. Weiss
Witnessed By: D. Zarozwski

Date: 6/22/01

Location Address or Lot # 25 Chapel St Amherst, MA LOT 9A, MAP 26D New Construction ☐ Repair ☑	Owner's Name, Address, and Telephone # SALLY SINGING TREE 862 SIR FRANCIS DRAKE BLVD. Ste 235 SAN ANSELMO, CA 94960

Office Review

Published Soil Survey Available: No ☐ Yes ☑

Year Published 1981 Publication Scale 15,840 Soil Map Unit HgB

Drainage Class RAPID Soil Limitations —

Surficial Geologic Report Available: No ☑ Yes ☐

Year Published Publication Scale

Geologic Material (Map Unit)

Landform

Flood Insurance Rate Map:

Above 500 year flood boundary No ☐ Yes ☑

Within 500 year flood boundary No ☑ Yes ☐

Within 100 year flood boundary No ☑ Yes ☐

Wetland Area:

National Wetland Inventory Map (map unit)

Wetlands Conservancy Program Map (map unit)

Current Water Resource Conditions (USGS): Month

Range: Above Normal ☐ Normal ☑ Below Normal ☐

Other References Reviewed:

Location Address or Lot No. 25 Chapel St

On-site Review

Deep Hole Number TP-1 & 2 Date: 6/22/01 Time: 11:00 Weather Clouds 70°F

Location (identify on site plan)

Land Use RES Slope (%) 1 Surface Stones few

Vegetation grasses, W. Pine, Apple.

Landform

Position on landscape (sketch on the back)

Distances from:

Open Water Body 100'+ feet Drainage way 100'+ feet

Possible Wet Area 100'+ feet Property Line 40' feet

Drinking Water Well 100'+ feet Other

Town Water

DEEP OBSERVATION HOLE LOG*

	Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
TP1	0-8"	A	FSL	10YR3/2		Friable, loose
	8-18"	Bw	S	10YR5/4	Not obs	Friable, loose
	18-120"	C	S	10YR5/6		COARSE SAND + GRAVEL
TP2	0-8"	A	FSL	10YR3/2		Friable, loose
	8-18"	Bw	S	10YR5/4	Not obs	Friable, loose
	18-120"	C	S	10YR5/6		COARSE SAND + GRAVEL

* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) Outwash Depth to Bedrock: 120"+

Depth to Groundwater: Standing Water in the Hole: Not obs. Weeping from Pit Face: Not obs

Estimated Seasonal High Ground Water: 120"+

Location Address or Lot No. 25 chapel st.

COMMONWEALTH OF MASSACHUSETTS

Amherst, Massachusetts

Percolation Test*

Date: 6/22/01	Time: 10:45'	
Observation Hole #	1	
Depth of Perc	40"	
Start Pre-soak	10:50	
End Pre-soak	CAN'T	
Time at 12"	HOLD	
Time at 9"	SOAK	
Time at 6"	10:52	1967 PERC Test
Time (9"-6")	<2	<2
Rate Min./Inch	<2	

* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

Site Passed ☑ Site Failed ☐

Performed By: A. Weiss

Witnessed By: D. Zarozinski

Comments: 5' separation

DEP

DEP APPROVED FORM - 12/07/95

Location Address or Lot No. 25 Chapel St

Determination for Seasonal High Water Table

Method Used:

- ☐ Depth observed standing in observation hole ..... inches
- ☐ Depth weeping from side of observation hole ..... inches
- ☑ Depth to soil mottles 120"+ inches
- ☐ Ground water adjustment ..... feet

Index Well Number ..... Reading Date ..... Index well level ....

Adjustment factor ..... Adjusted ground water level .....

Depth of Naturally Occurring Pervious Material

Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system? yes

If not, what is the depth of naturally occurring pervious material? —

Certification

I certify that on June 95 (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.

Signature [signature] Date 6/22/01

COMMONWEALTH OF MASSACHUSETTS
ALAN E. WEISS
REG. #933
REGISTERED SANITARIAN