

#59
LEVERETT ROAD (MAP 3A PARCEL 2)

Smith, Edmund

From: Paul Laplante [Paul@laplanteconstruction.com]
Sent: Tuesday, September 11, 2012 10:38 AM
To: Smith, Edmund
Subject: sign off on bldg permit

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Hi Ed,

I spoke to you today regarding a sign off on the building permit for 261 Leverett Rd Amherst septic system. The house is open and the permit is there for you to sign.

Thank you,

Paul

Paul Laplante

R. E. Laplante Construction Inc.
296 North Main Street
East Longmeadow, MA 01028
413-525-6121 office
413-636-5281 cell

Paul@Laplanteconstruction.com

www.Laplanteconstruction.com

9/14/12-

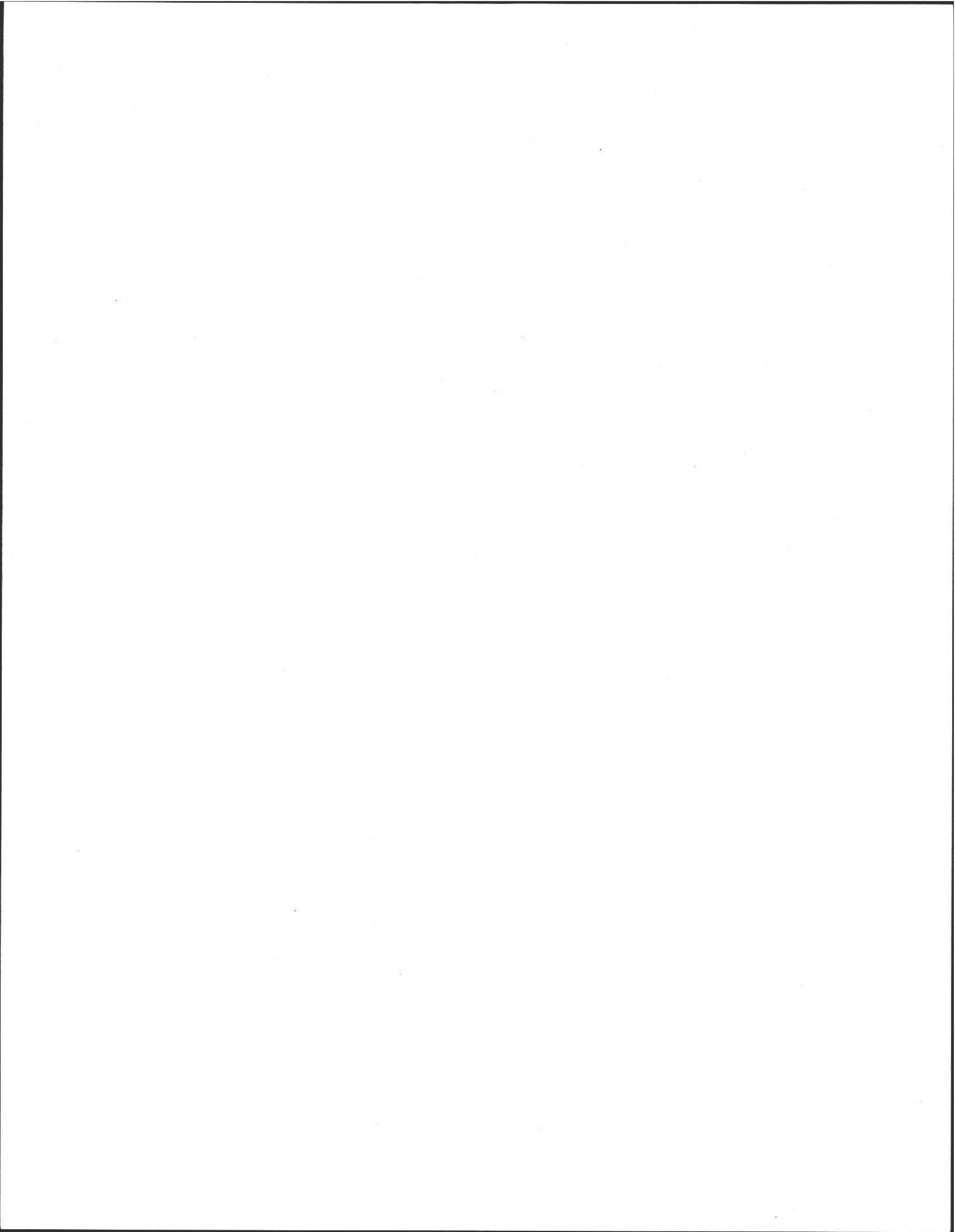
*Stopped by inte, added
signature to card for septic
and well.*

Ed



LAPLANTE
CONSTRUCTION INC.

The Responsible Building Professionals



William J. Sieruta, P.E.

18 Depot Road
Leverett, MA. 01054
413-627-7244
413-549-1817

*paperwork
fill it out*



Town Hall Annex
Board of Health
70 Boltwood Walk
Amherst, MA. 01002

August 17, 2012

Subject: As built inspection
Hanley-McCandress
59 Leverett Road
Amherst, MA.

*PERMIT 12-14**

An as built inspection was completed for the subject septic system. This system is in compliance with 310 CMR 15.0 and local board of health regulations.

If you have any questions or need any additional information, please do not hesitate to contact me.

Very truly yours,

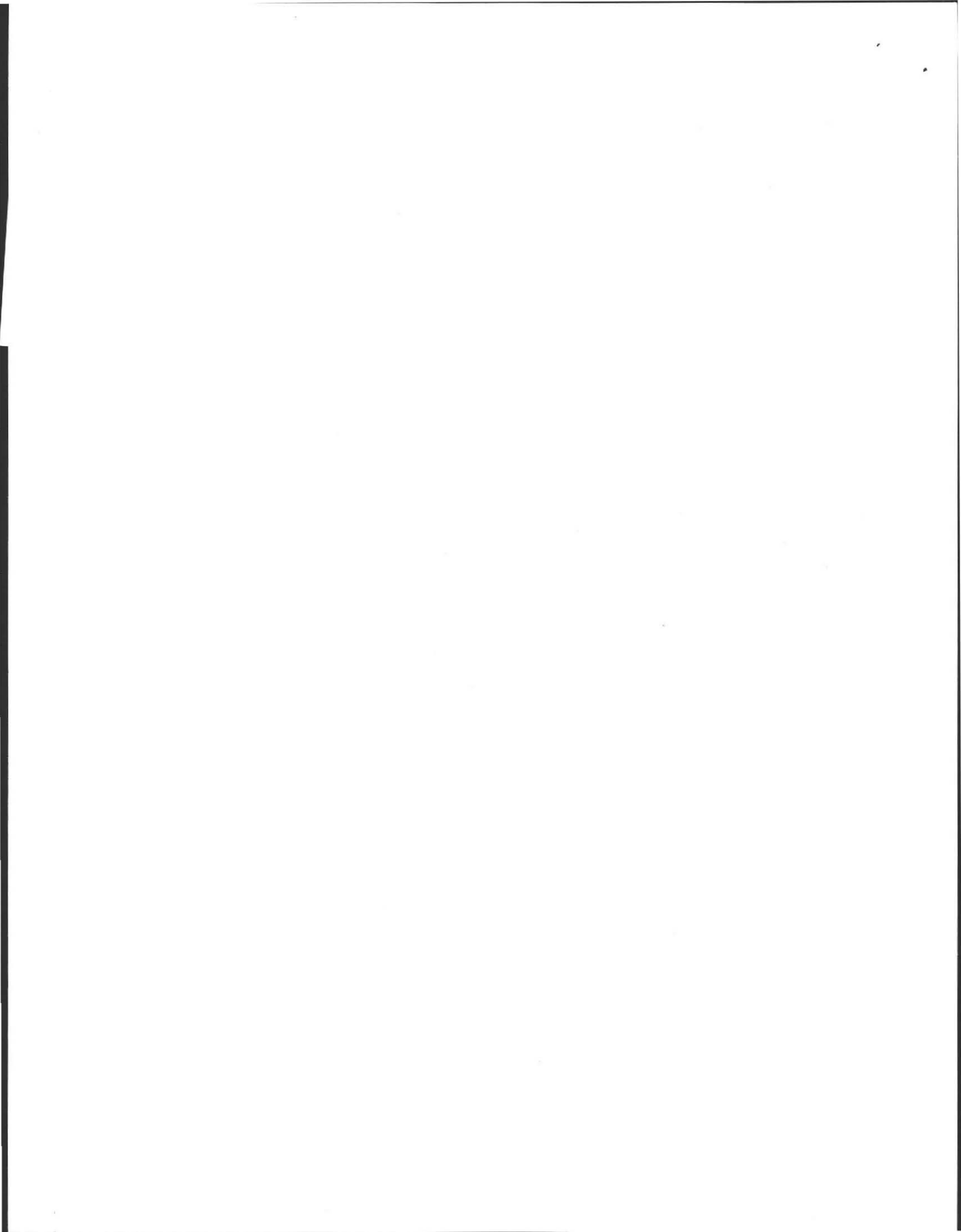
William J. Sieruta P.E.

William J. Sieruta, P.E.

(MBS)

3cc: Paul LaPlante





PERCOLATION TEST INFORMATION

TEST PIT #	DEPTH	SOIL TYPE	TEST PIT #	DEPTH	SOIL TYPE
1	0-7	OTS TOP SOIL	5	0-10	OTS TOP SOIL
17	7-24	SILT CLAY SUB SOIL	13	10-23	SILTY SAND SUB SOIL
82	24-100	GRAVEL FILL	85	23-108	GRAVEL FILL

ELEV 81.75
 EHWIT 79.08
 OBS H₂O NONE
 BOTTOM 72.92
 MOTTLING @ 32"

ELEV 84.50
 EHWIT 82.25
 OBS H₂O 81.00
 BOTTOM 75.58
 MOTTLING @ 27"

DATE: NOV 20 2012 & NOV 9 2005
 ENGR: DOUGLAS J. McLEARY PE
 WITNESS: DAVID ZARODINSKI

PERCOLATION RATE
 PERC @ TP1
 DEPTH 44"
 ACTUAL RATE 18 MIN/INCH
 DESIGN RATE 20 MIN/INCH

PERC @ TP5
 DEPTH 44"
 ACTUAL RATE 3.0 MIN/INCH
 DESIGN RATE 20 MIN/INCH
 SEE PRC

CLASS II SOIL

DESIGN INFORMATION
 ALL CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.0 AND ALL LOCAL BOARD OF HEALTH REGULATIONS
 FINISH GRAVING TO BE AS SHOWN ON PLANVIEW. ALL DISTURBED AREAS TO BE RECLAIMED AND SEEDED.

DESIGN CRITERIA
 USE: PROPOSED 4 BEDROOM SINGLE FAMILY RESIDENTIAL HOME FULL BUILT WITH FOUNDATION DRAINS NO DISPOSAL UNIT

DESIGN FLOW: 310 CMR 15.203
 REQD H₂O GALS/BEDROOM x 4 = 440 GALS
 NO DISPOSAL UNIT

SEPTIC TANK: 310 CMR 15.223 REQD
 200% x 440 GALS = 880 GALS
 MINIMUM TANK 1500 GALS

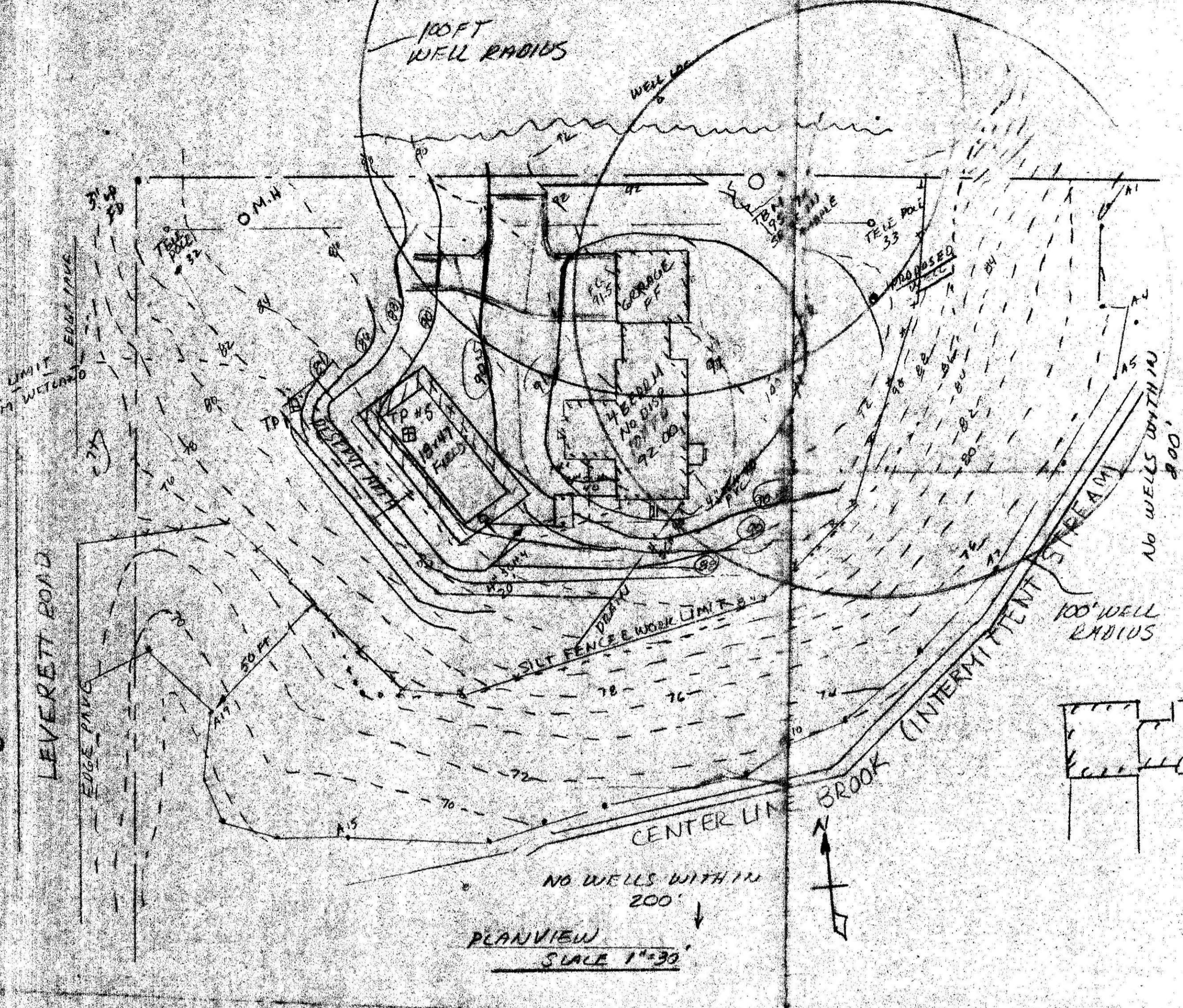
USE PRECAST CONC. 2 COMPARTMENT TANK
 10'6" x 5'6" 48" FLOW LINE

LEACHING SYSTEM: DUE TO SOIL CONDITIONS A LEACHFIELD DESIGN IS TO BE USED PER 310 CMR 15.252

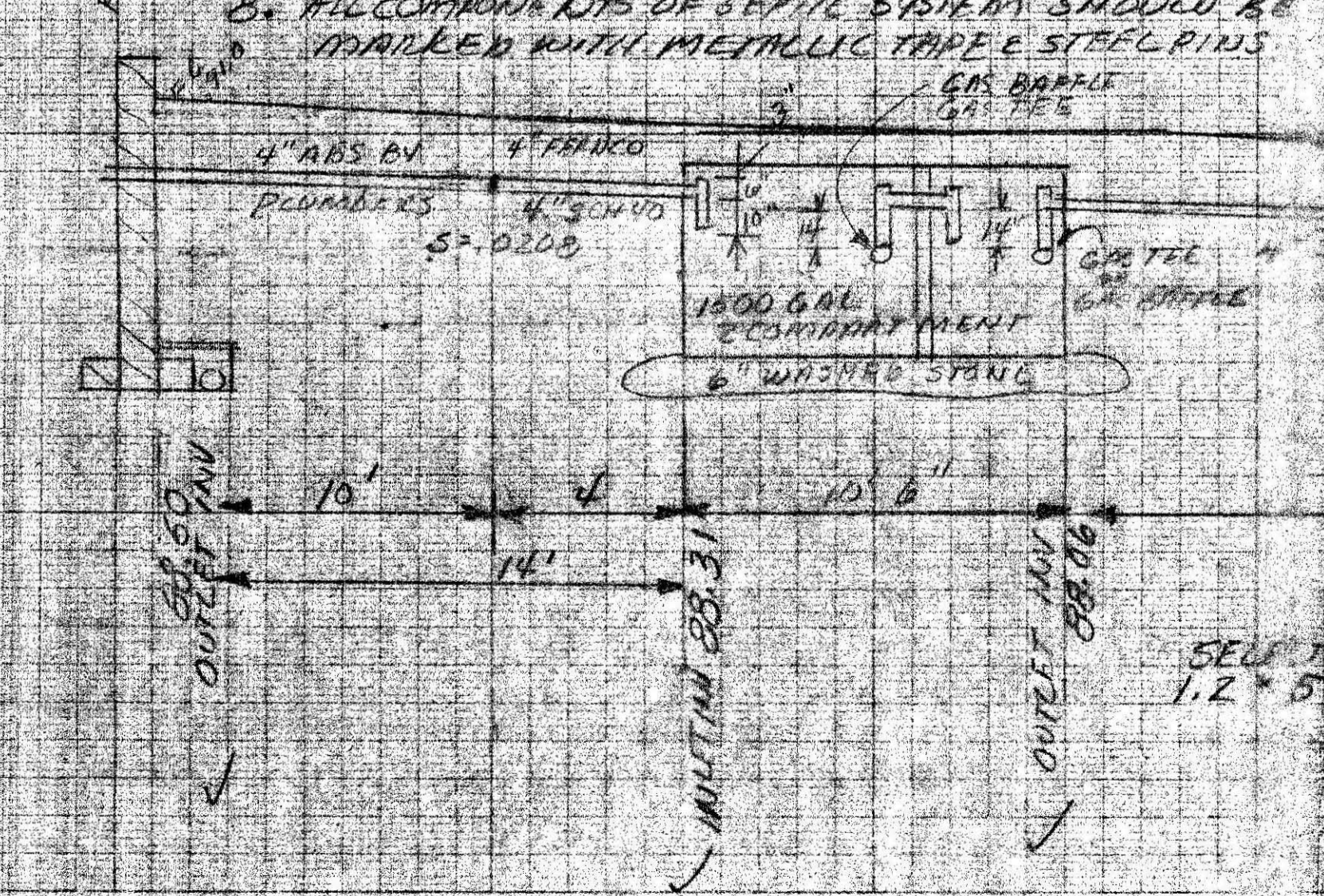
EFFECTIVE DEPTH: 6" MIN
 EFFECTIVE WIDTH: 18'
 EFFECTIVE LENGTH: 47'

BOTTOM AREA
 18' x 47' = 846 FT²
 TOTAL PERMEABILITY
 846 FT² x .53 = 449 GALS
 TBM SET IN 18" MAPLE TREE AS SHOWN ELEV 95.77

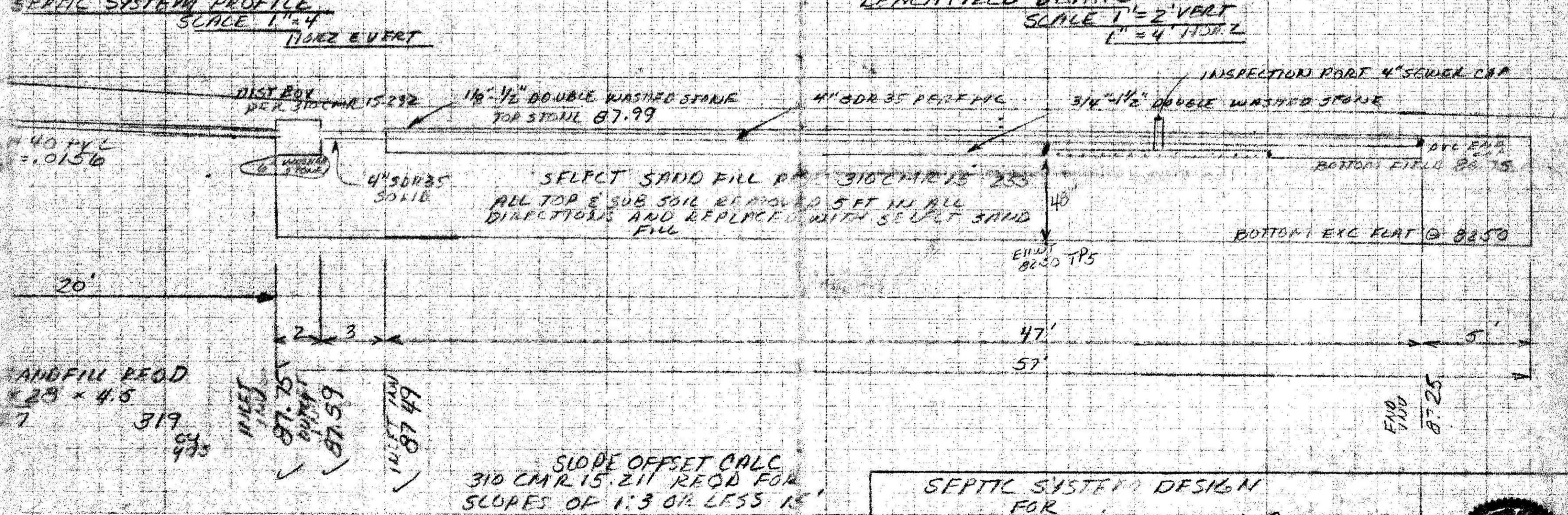
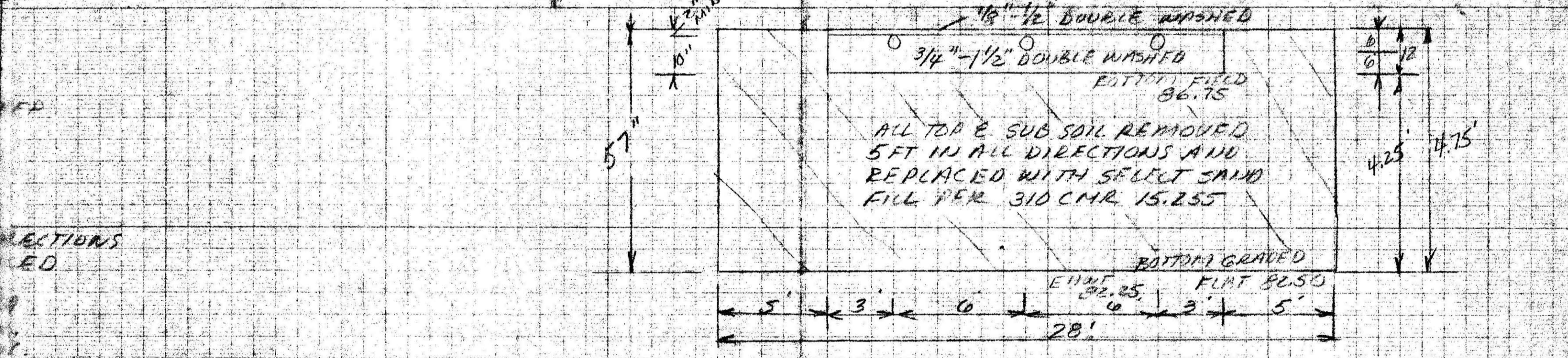
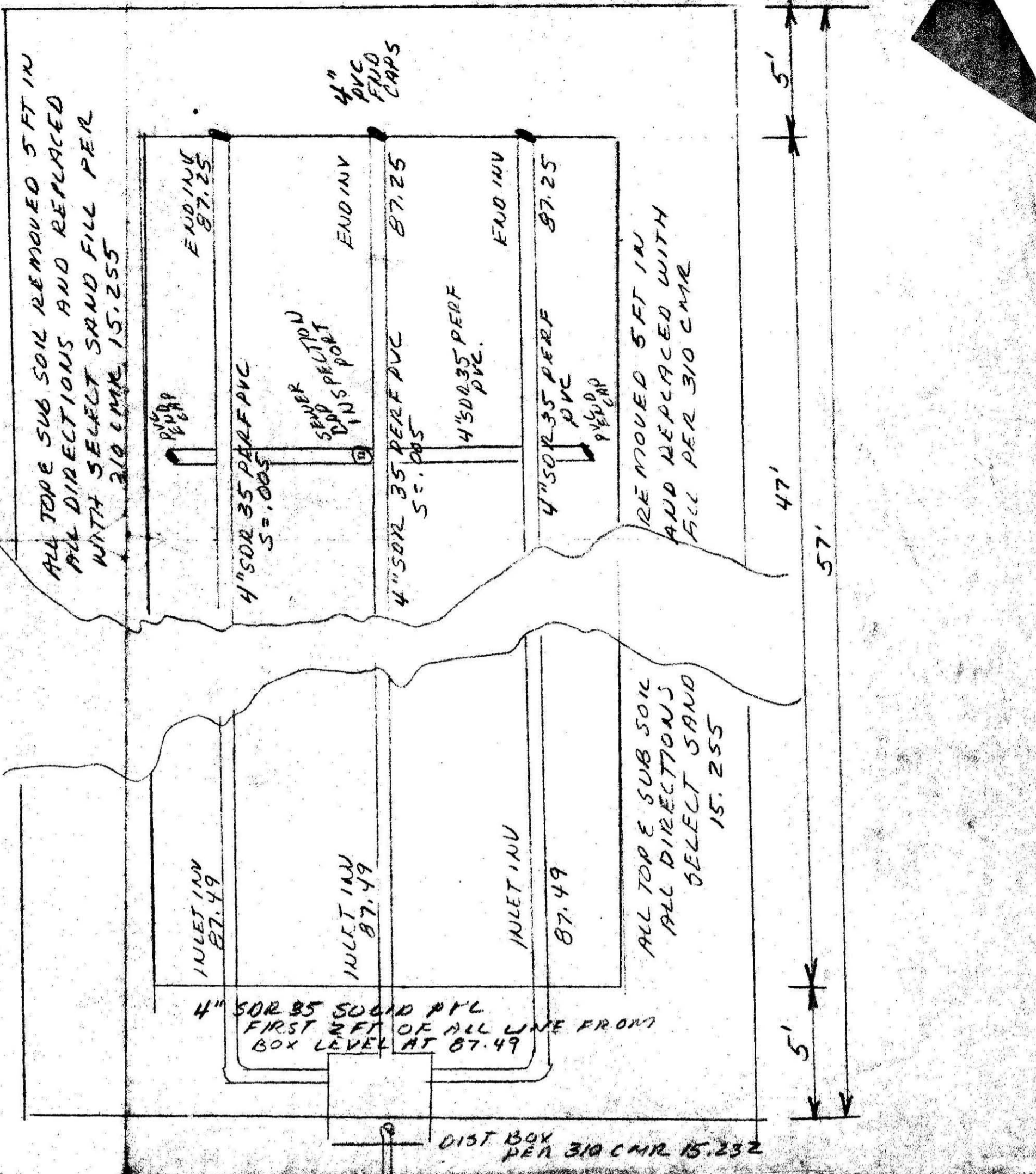
PERMEABILITY BY 310 CMR 15.042
 PERCOLATION RATE
 ACTUAL 18 MIN/INCH
 DESIGN RATE 20 MIN/INCH
 CLASS II SOIL
 BOTTOM DESIGN FILL
 1.53 @ 151 FT²
 48" SEPARATION TANK ENHIT REQD PER 310 CMR 15.212



- INSTALLATION NOTES**
1. SEPTIC TANK TO BE A TWO (2) COMPARTMENT 1500 GAL. TANK WITH INLET AND OUTLET TEES IN ACCORDANCE WITH 310 CMR 15.227 SECTIONS
 2. SEPTIC TANK & DIST BOX TO BE SET LEVEL ON 6" DEEP FOUNDATIONAL FILL OF WASHED STONE
 3. ALL STONE TO BE DOUBLE WASHED STONE FREE OF ALL SILT AND FINES PER 310 CMR 15.247
 4. ALL PIPE JOINTS WITH TANK AND DIST BOX TO BE ASPHALT ROPE & MORTAR SEALED
 5. ALL TOP & SUB SOIL REMOVED 5 FT IN ALL DIRECTIONS BOTTOM GRADED FLAT AT 86.50 AND REPLACED WITH SELECT SAND FILL PER 310 CMR 15.255
 6. A SUB GRADE INSPECTION OF THE LEACHFIELD WILL BE REQUIRED BY THE DESIGN ENGINEER
 7. NO INSPECTION PORT SHOULD BE INSTALLED AS SHOWN
 8. ALL COMPONENTS OF SEPTIC SYSTEM SHOULD BE MARKED WITH METALLIC TAPE & STEEL RINGS



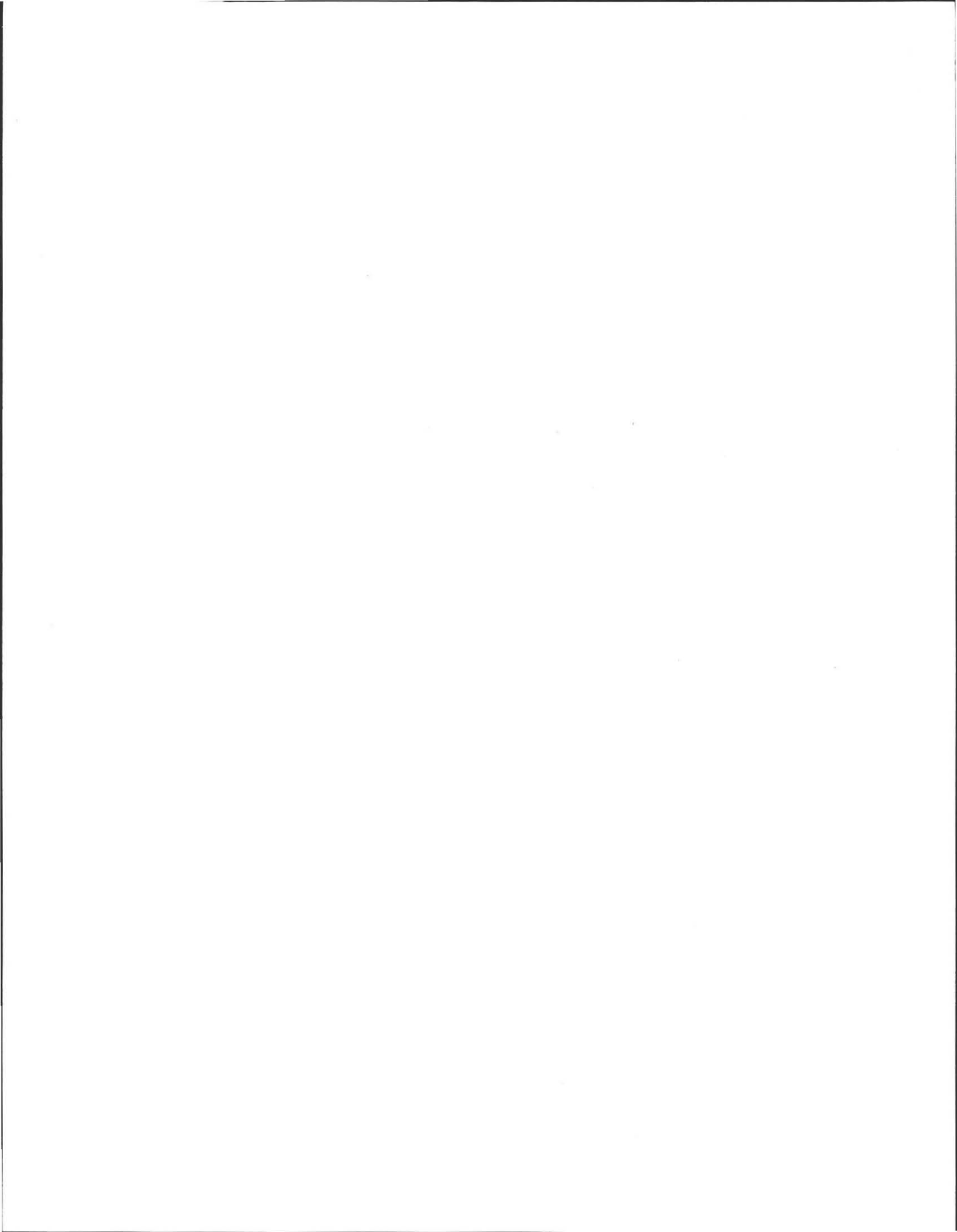
AS BUILT TIES TO SEPTIC
 SEPTIC TANK
 AC 15.0
 BC 24.2
 DIST BOX
 AD 31.5
 BD 47.4
 INSPECTION PORT
 AE 32.4
 BE 51.9



SLOPE OFFSET CALC.
 310 CMR 15.211 REQD FOR
 SLOPES OF 1:3 OR LESS IS
 AVAILABLE AFTER GRADING
 AT 87.99 MEETS CODE
 COMMON FILL REQD.
 SEPTIC ONLY
 1.2 x 24 x 140 x 3
 27 = 449 cu yds
 EXCESS FROM SITE EXC.
 CAN BE USED AS COMMON FILL

SEPTIC SYSTEM DESIGN
 FOR
 SUE HANLEY & BRUCE McCARDLESS
 FERRY LOT
 # LEVERETT ROAD
 AMHERST MASS
 ENGR: W.J. SIENKOWSKI PE
 DATE: 4-9-2012





CUST NAME
4 BOLTWOOD AVENUE
05/14/12
CITY, ST, ZIP

***TOWN OF A TOWN HAL
AMHERST M REFERENCE
DATE/TIME 10:16

CUST NAME

0
DEPT

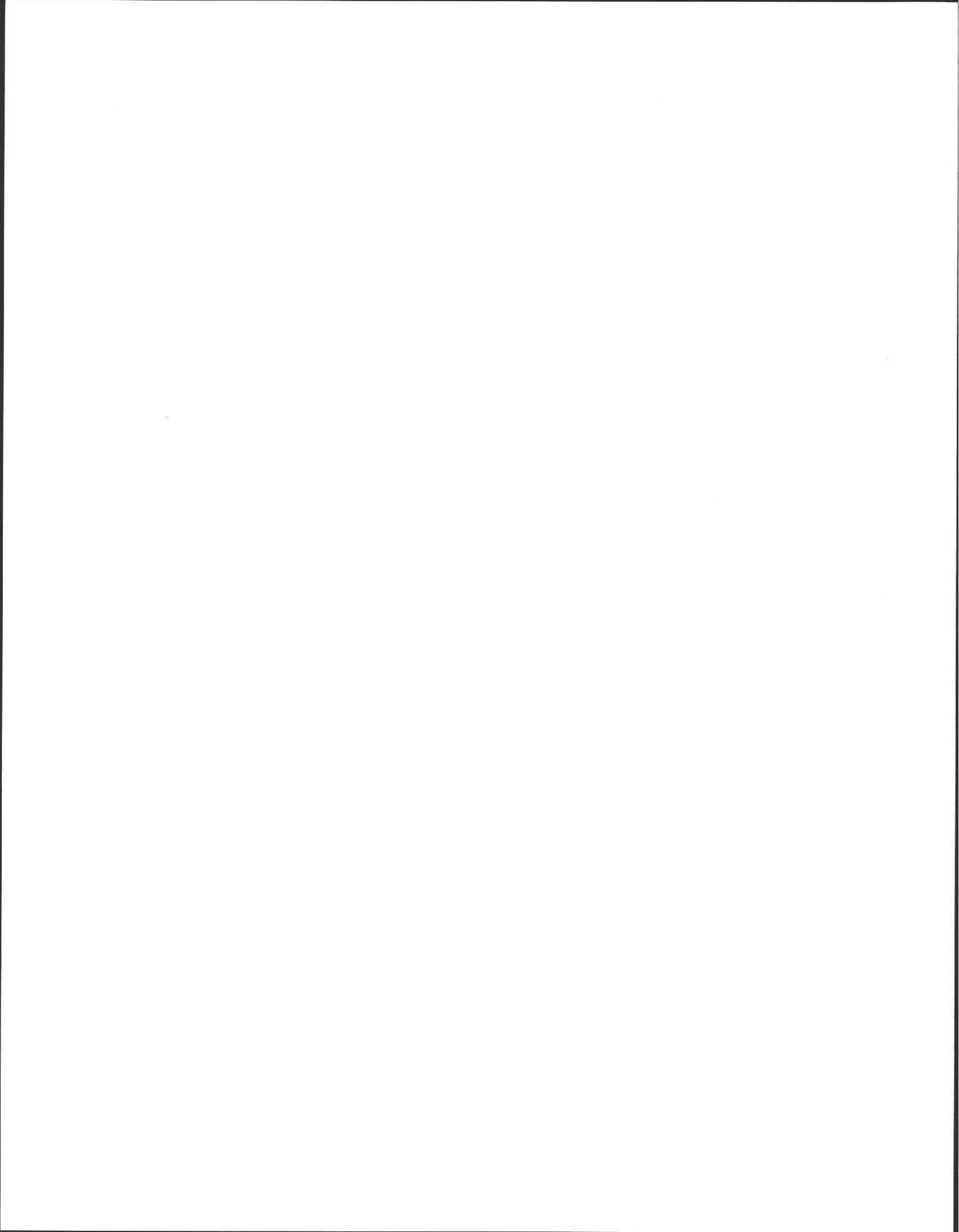
DE HEA017

SEPTIC TAN 150.

RECPT TOTAL

150.00
LAPLANTE C QUA CHECK

27997 AMOUNT



May 2012 INVOICE

AMHERST PUBLIC HEALTH DEPARTMENT

Bangs Community Center
70 Boltwood Walk
Amherst, MA 01002

DATE: May 8, 2012

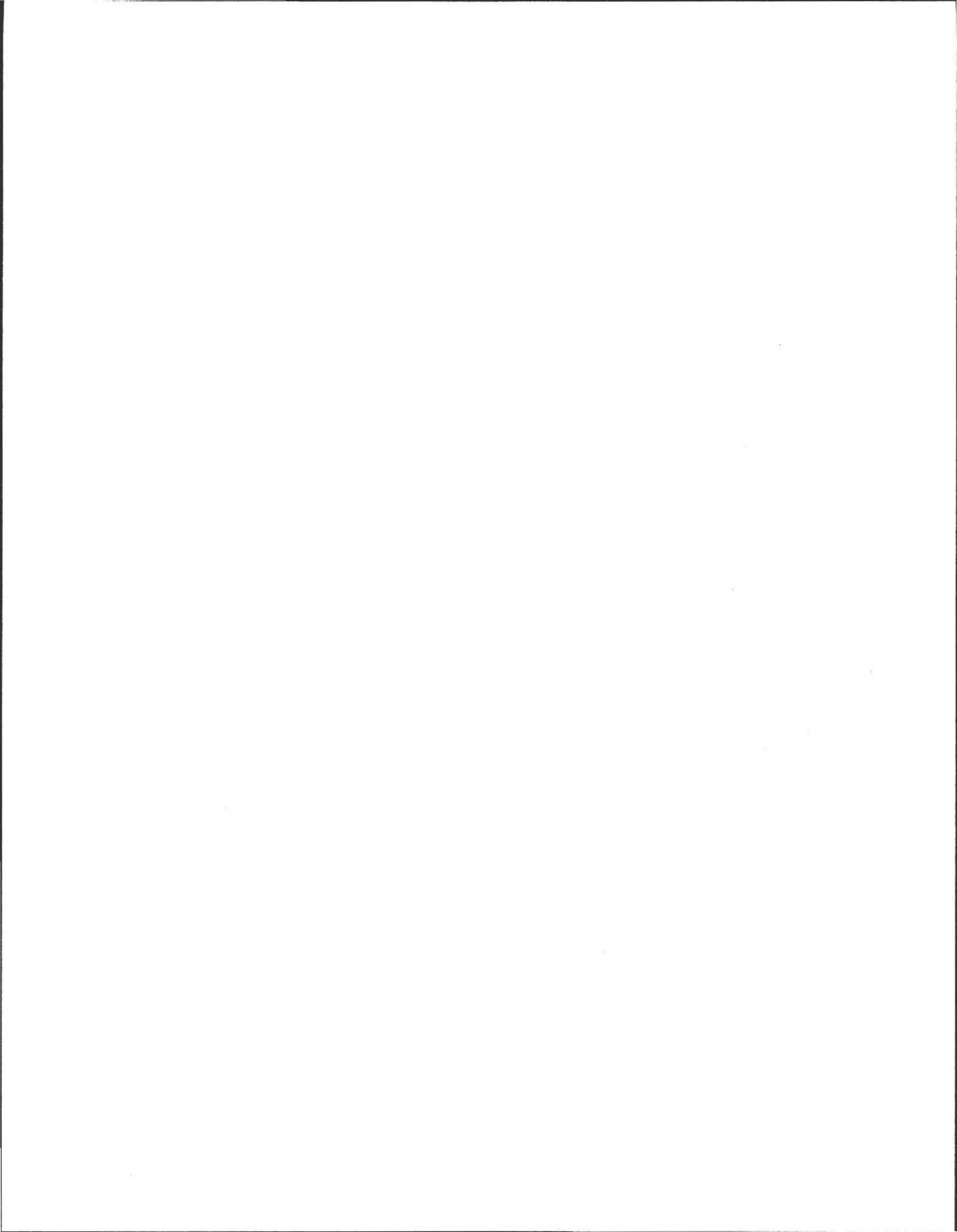
TO Richard LaPlante, Builder
 Ferry Lot, Leverett Road
 Amherst, MA 01002

RE: Invoice for **Septic System Plan Review**

Services provided by **Edmund Smith**

PAYMENT TERMS: I Paid in full

QUANTITY	DESCRIPTION	UNIT PRICE	LINE TOTAL
1.00	Plan Review	\$ 150.00	\$ 150.00
	Rec'd today your check #27997 for \$150.00		
	this invoice is paid in full/thank you		
SUBTOTAL			\$ 150.00
SALES TAX			
TOTAL			\$ 150.00



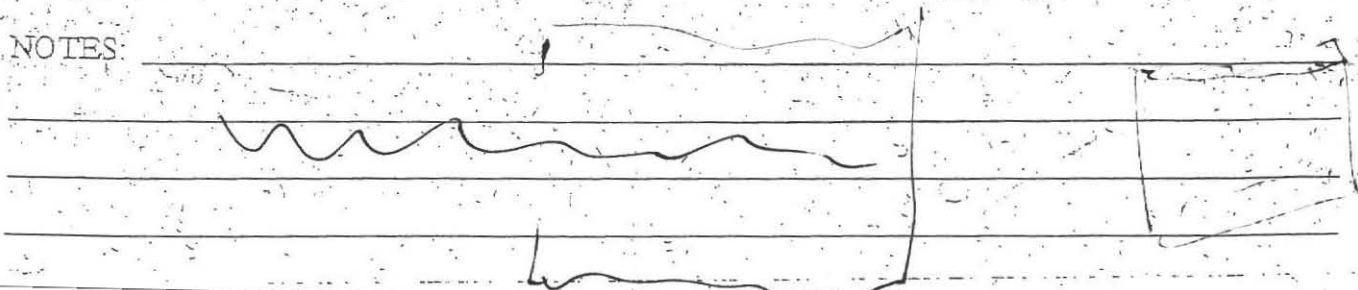
#59
FERRY LOT / LEVERETT ROAD
20 KINGMAN

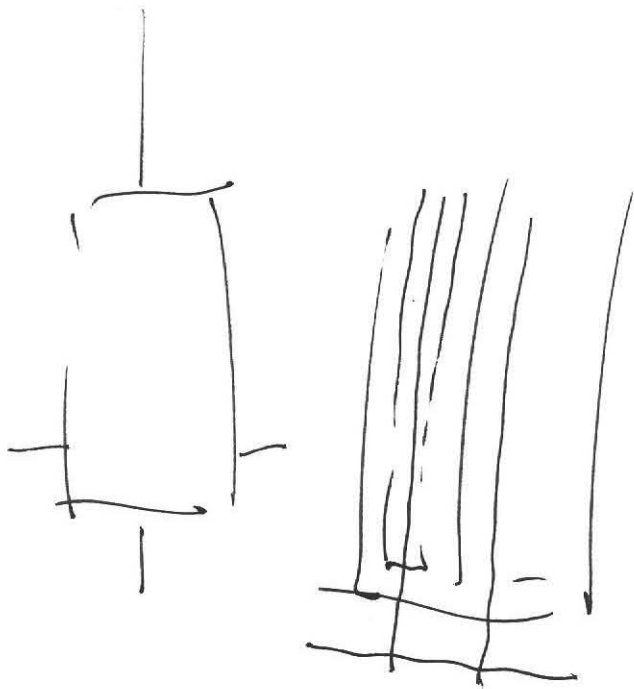


Designed by: _____
CHECK LIST FOR SEPTIC PLANS

- Application page attached to plan
- PE or RS stamp, date, signature
- Variances to property line setback distances must have Surveyor Stamp 15270 (3)
- Legal boundaries noted
- Easements noted
- Dwellings and buildings existing or proposed noted
- Location of driveway or parking areas, other impervious areas
- Location and dimensions of reserve area (new) CMR 15.248(1), 15.104(4)
- System design calculations
- Garbage grinder Y or N
- Benchmark not disturbed during construction, within 75 feet of facility CMR 15.220 (4)(q)
- North arrow CMR 15.200 (4) (g)
- Contours
- Deep hole location and data
- Perc hole location and data
- Elevations
- Names of approving authority and soil evaluator CMR 15.211 p. 49
- Location of every water supply, public and private. CMR 15.220(k):
 - Within 400 feet of system in case of surface water and gravel packed public water supply
 - Within 250 feet of system in case of tubular public water supply
 - Within 150 feet of private supply wells - 100' septic sys. 5' tank
- Well statement if applicable
- Location of any surface waters, rivers, vegetated wetlands
- Location of water lines and other subsurface utilities
- Observed and adjusted ground water elevation in the vicinity of system 15.220 (4)(n)
- Profile of system
- Locus plan to show location of facility, including nearest street
- Materials of construction and specs for system
- Gas Baffle 1527.4
- Pipe in center line of tank 310 CMR 15.227, 15.06(8)
- Double washed stone
- Schedule 40 PVC for trafficked areas, house to tank
- Distances noted from house to tank, etc.
- If dosing is proposed, design and specs of dosing system
- When alternative technology is required, complete plan and specs, including hydraulic profile
- Trenches preferred over beds CMR 15.240 (6)
- Buoyancy calculations for tanks or components partly below H2O table 15.221(8) p. 56
- 3 to 1 slope outside of mound, toe ending 5 feet from property line
- Local upgrade requests on the plan
- Local upgrade forms attached to application
- Note on plan listing all variances sought in conjunction with the plan

NOTES:





CHE
JUL
\$150
permit
only

See Hauley
Monkey Business

256 - 0020

~~Bill~~ Bill LARANTE
525-6121 office
636-5282 cell

No. 12-14

FEE \$150



COMMONWEALTH OF MASSACHUSETTS

Board of Health, AMHERST, MA.

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT

Apply for Permit to Construct Repair () Upgrade () Abandon () - Complete System Individual Components

Location <u>SUE HANLEY E BRUCE McCANDLES</u>	Owner's Name <u>S. HANLEY B McCANDLES</u>
Map/Parcel# <u>20 KINGMAN RD</u>	Address <u>20 KINGMAN RD</u>
Lot# <u>FERRY LOT LEVERETT ROAD AMHERST MASS</u>	Telephone# <u>AMHERST MA 549 4023</u>
Installer's Name <u>BILL SIERUTA</u>	Designer's Name <u>WILLIAM J SIERUTA PE</u>
Address	Address <u>18 DEPOT RD LEVERETT</u>
Telephone#	Telephone# <u>549 1817 413 627 7244</u>

Type of Building RESIDENTIAL HOME Lot Size _____ sq. ft.
 Dwelling - No. of Bedrooms 4 BEDROOMS NO DISPOSAL UNIT. Garbage grinder NO
 Other - Type of Building SINGLE FAMILY No. of persons 8 Showers 2, Cafeteria NO
 Other Fixtures FULL BMT

Design Flow (min. required) 110 x 4 gpd Calculated design flow 440 Design flow provided 448 gpd
 Plan: Date APRIL 9 2012 Number of sheets 1 Revision Date _____

Title SEPTIC SYSTEM DESIGN FERRY LOT LEVERETT RD AMHERST

Description of Soil(s) SEE ATTACHED

Soil Evaluator Form No. 11 Name of Soil Evaluator D MacCLAY Date of Evaluation 11/20/2002
PE 11/9/2005

DESCRIPTION OF REPAIRS OR ALTERATIONS complete septic system per 310 CMR 15.0 FOR NEW PROPOSED SINGLE FAMILY RESIDENTIAL HOME

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 [Signature] Date 4/17/12
Susan Hanley 4/17/12

Inspections _____

No. 12-14

FEE \$150

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 _____

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. 12-14, dated 4/27/2012. Approved Design Flow 448 (gpd)

Installer _____

Designer: Wm. SIERUTA Inspector: _____ Date: _____

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

No. 12-14

FEE \$150

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 FERRY LOT LEVERETT ROAD 20 KINGMAN RD, AMHERST as described in the application for

Disposal System Construction Permit No. 12-14, dated 4/27/2012

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

Date 4/27/2012 Board of Health [Signature]



Faint, illegible text and markings covering the page, possibly bleed-through from the reverse side or very light handwriting.

PERCOLATION TEST INFORMATION

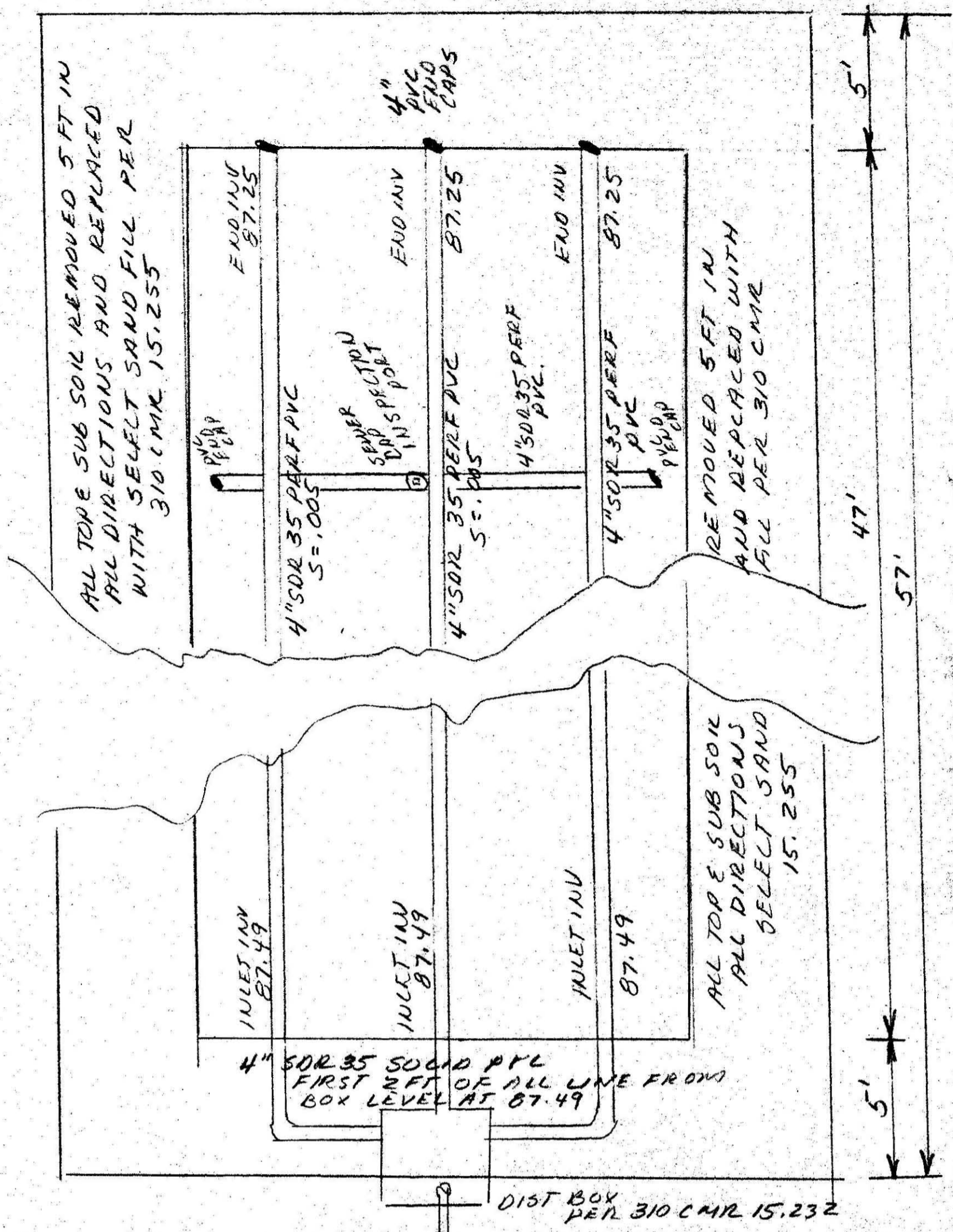
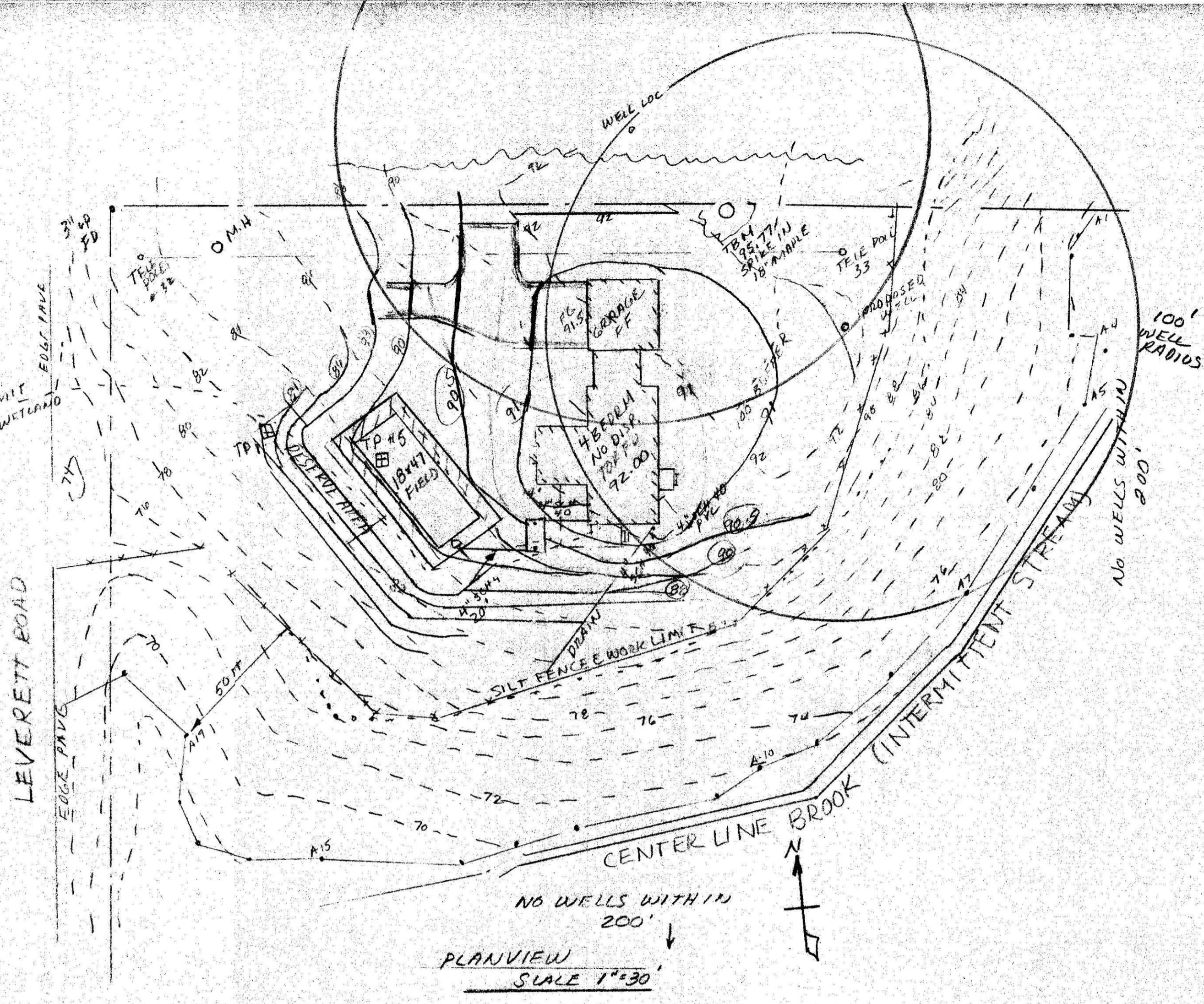
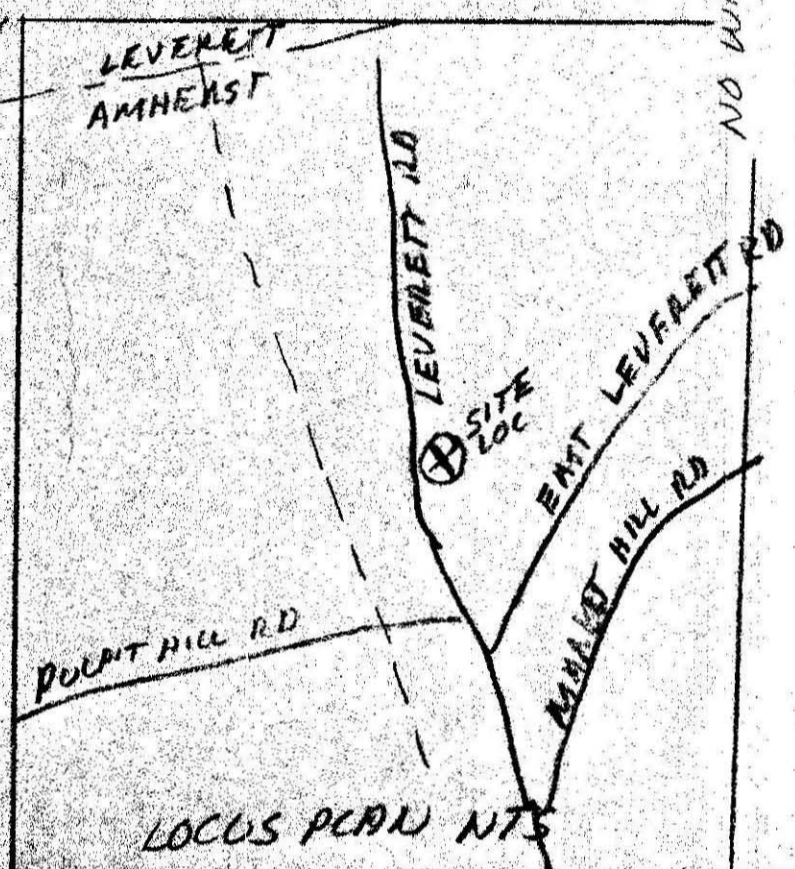
TEST PIT # 1			TEST PIT # 5		
HORIZON	OTS TOP SOIL	DEPTH	HORIZON	OTS TOP SOIL	DEPTH
HORIZON A SANDY LOAM 10 YR 3-4	0-7	10	HORIZON A SANDY LOAM 10 YR 2-2	0-10	10
HORIZON B SANDY LOAM 10 YR 4-6	7-24	13	HORIZON B SANDY LOAM 10 YR 4-4	10-23	13
HORIZON C SANDY LOAM 254 4-3	24-106	85	HORIZON C SANDY LOAM 10 YR 4-3	23-108	85
GRAVEL TILL			GRAVEL TILL		
ENHWT 32"			ENHWT 27"		
			ENHWT 42"		

ELEV 81.75
ENHWT 79.08
OBS H2O NONE
BOTTOM 72.92
MOTTLING @ 32"

ELEV 84.50
ENHWT 82.25
OBS H2O 81.00
BOTTOM 75.50
MOTTLING @ 27"

DATE: NOV. 20, 2002 & NOV. 9, 2005
ENGR: DOUGLAS J. Mac LEAN DE.
WITNESS: DAVID ZAROZINSKI

PERCOLATION RATE
PERC @ TPI
DEPTH 44"
ACTUAL RATE 18 MIN/INCH
DESIGN RATE 20 MIN/INCH
48" SEPARATION REQ PER 310 CMR 15.212
PERC @ TPI
DEPTH 44"
ACTUAL RATE 3.0 MIN/INCH
DESIGN RATE 20 MIN/INCH
SEE PERC.
CLASS II SOIL



DESIGN INFORMATION
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.0 AND ALL LOCAL BOARD OF HEALTH REGULATIONS
FINISH GRADING TO BE AS SHOWN ON PLANVIEW. ALL DISTURBED AREAS TO BE LOAMED AND SEEDED.

DESIGN CRITERIA
USE: PROPOSED 4 BEDROOM SINGLE FAMILY RESIDENTIAL HOME. FULL BATH WITH FOUNDATION DRAINS
NO DISPOSAL UNIT

DESIGN FLOOR: 310 CMR 15.203
REQD 110 GALS/BEDROOM x 4 = 440 GALS
NO DISPOSAL UNIT

SEPTIC TANK: 310 CMR 15.223 REQD
200% x 440 GALS = 880 GALS
MINIMUM TANK
PERMITTED 1500 GALS

USE PRECAST CONC. 2 COMPARTMENT TANK
10'6\"/>

LEACHING SYSTEM: DUE TO SOIL CONDITIONS A LEACHFIELD DESIGN IS TO BE USED PER 310 CMR 15.252

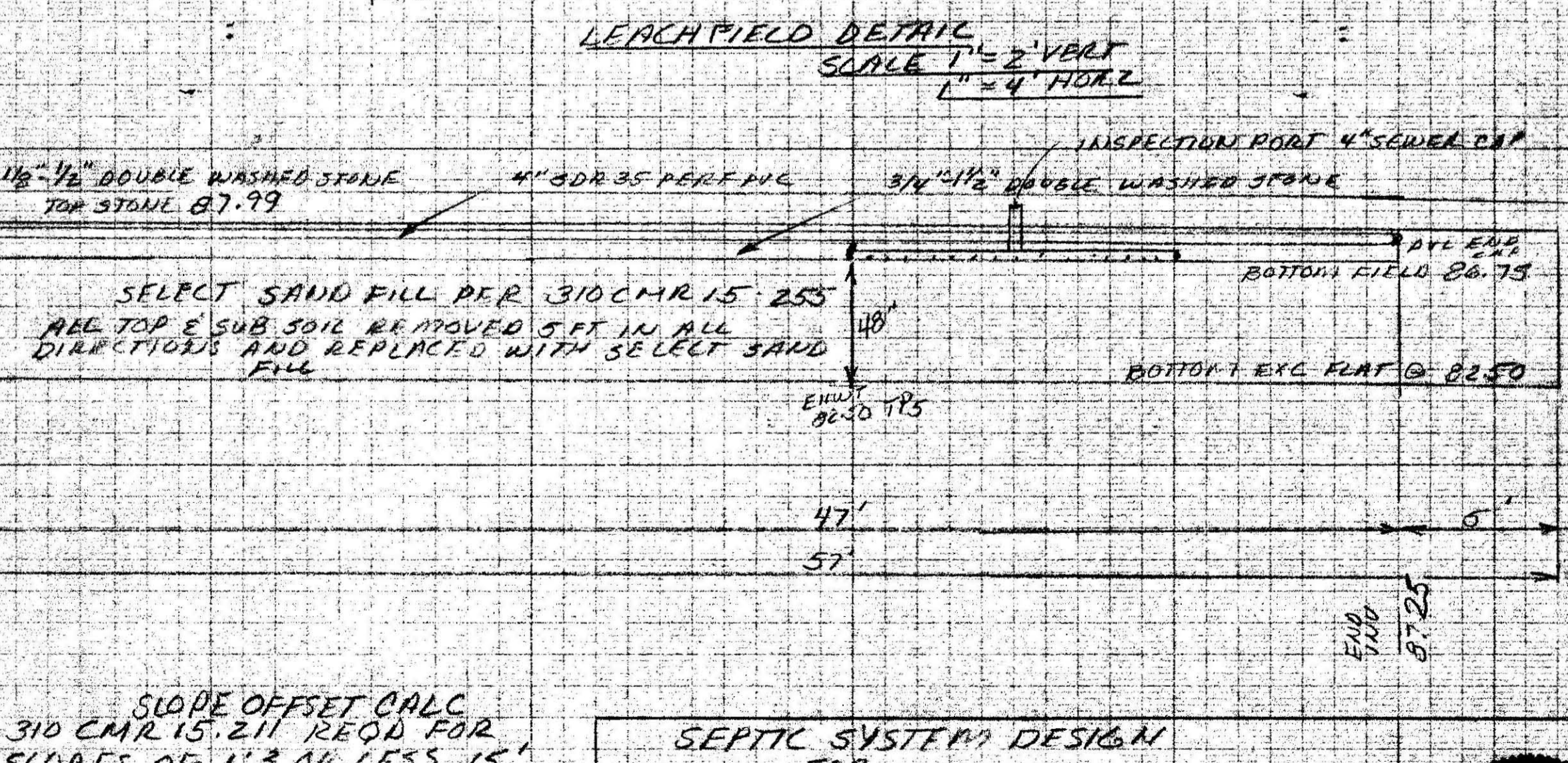
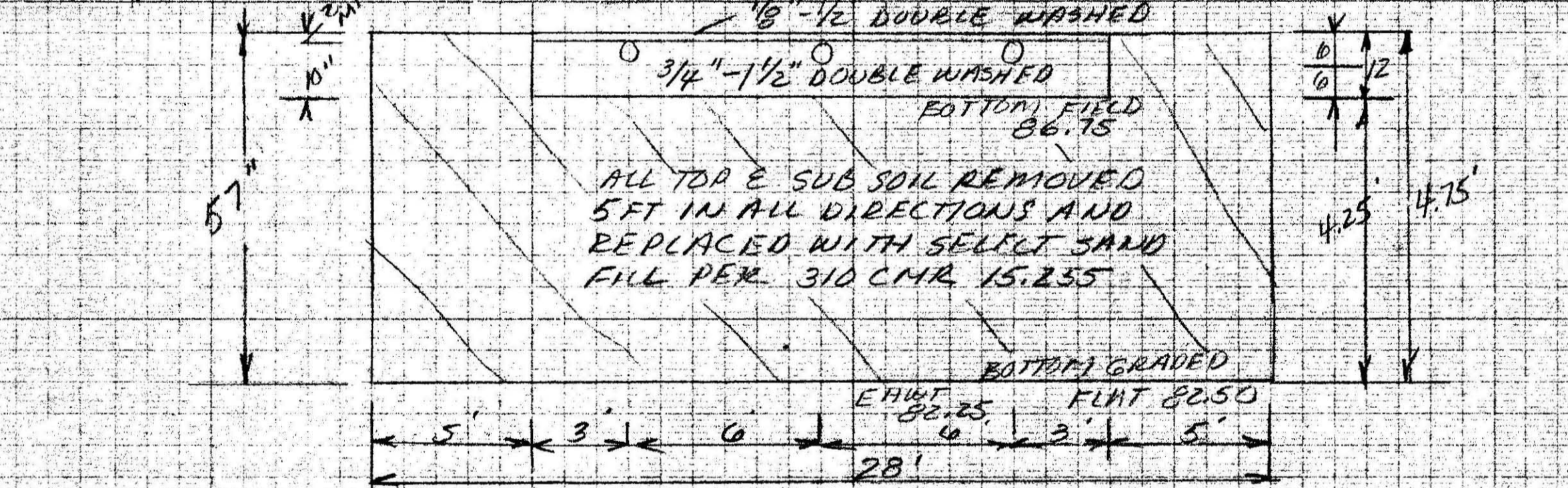
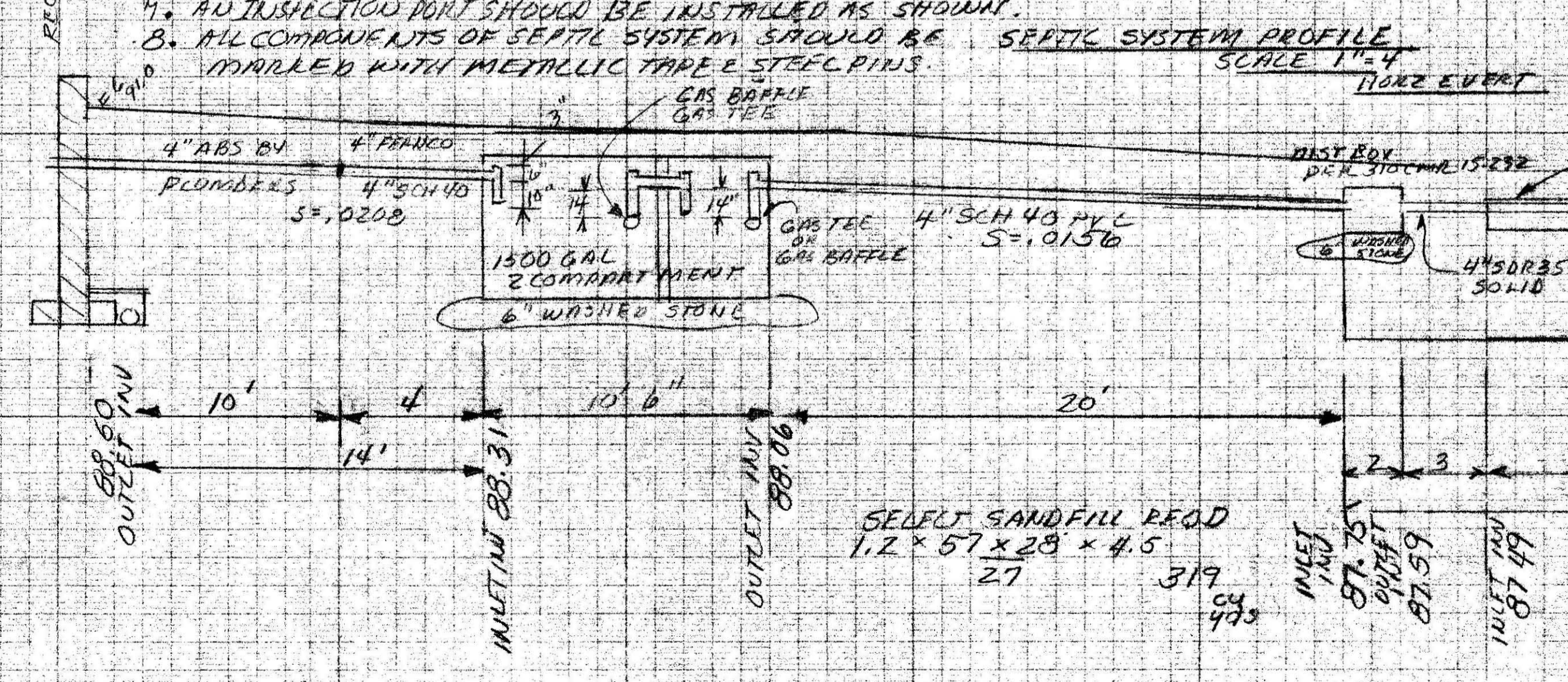
EFFECTIVE DEPTH: 6\"/>

BOTTOM AREA: 18' x 47' = 846 FT²
TOTAL PERMEABILITY: 846 FT² x .53 = 448 GALS/DAY

TBM SET IN 18\"/>

PERMEABILITY: 310 CMR 15.212
PERCOLATION RATE: ACTUAL 18 MIN/INCH, DESIGN 20 MIN/INCH
DESIGN RATE: CLASS II SOIL, BOTTOM 5' SIDE WALL, 1.53 GALS/FT²

- INSTALLATION NOTES
1. SEPTIC TANK TO BE A TANKED COMPARTMENT 1500 GAL TANK WITH INLET AND OUTLET TEES IN ACCORDANCE WITH 310 CMR 15.227 SECTIONS
 2. SEPTIC TANK & DIST BOY TO BE SET LEVEL ON 6\"/>



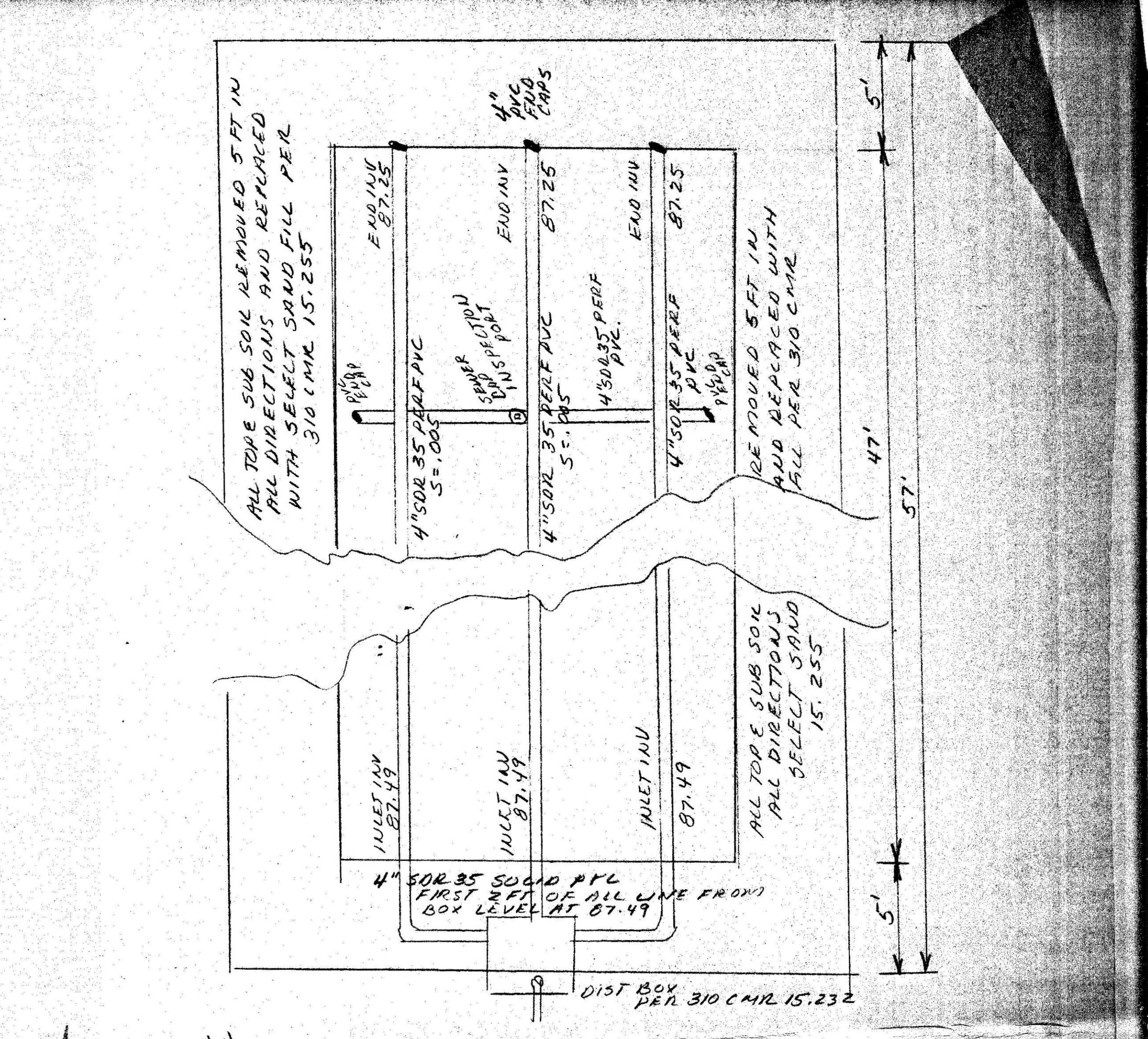
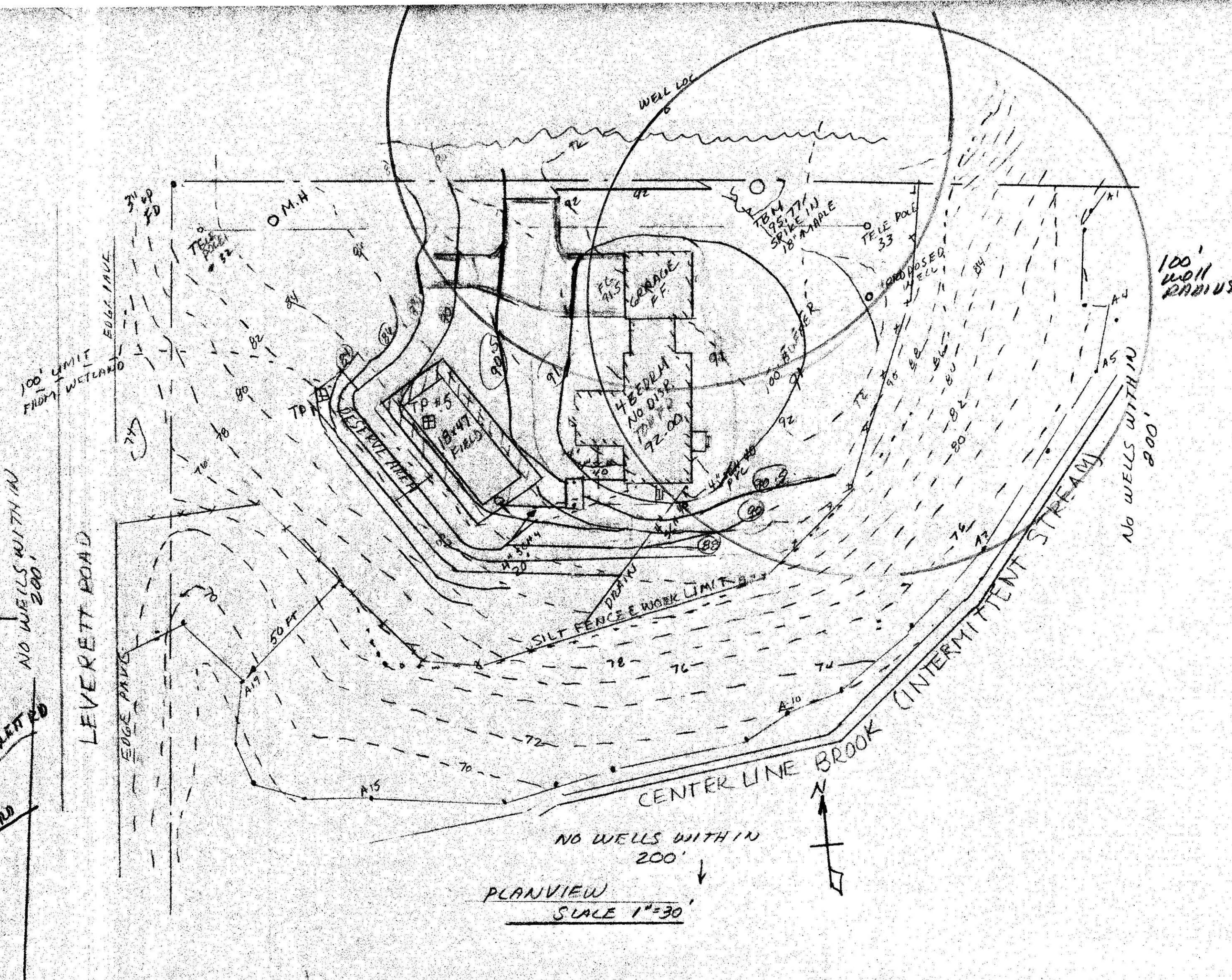
SLOPE OFFSET CALC
310 CMR 15.211 REQD FOR
SLOPES OF 1:3 OR LESS IS
AVAILABLE AFTER GRADING
AT 87.99 MEETS CODE
COMMON FILL REQD.
1.2 x 24 x 140 x 3
27
448 cu yds
EXCESS FROM SITE EXC
CAN BE USED AS COMMON FILL

SEPTIC SYSTEM DESIGN
FOR
SUE HANLEY & BRUCE McCANDLESS
FERRY LOT
LEVERETT ROAD
AMHERST MASS
ENGR: W.J. SIERUTA PE
DATE: 4-9-2012

INFORMATION

TEST PIT # 1		TEST PIT # 5	
HORIZON	OTS TOP SOIL	HORIZON	OTS TOPSOIL
7-17	5" SANDY LOAM 10YR 3-4	10-13	5" SANDY LOAM 10YR 2-2
17-82	5" SANDY LOAM 10YR 4-6	13-85	5" SANDY LOAM 10YR 4-4
	GRAVEL TILL		GRAVEL TILL
	2.54 4-3		2.54 4-3
	ENHWT 32"		ENHWT 27"
	ELEV 81.75		ELEV 84.50
	EHWT 79.08		EHWT 82.25
	OBS H2O NONE		OBS H2O 81.00
	BOTTOM 72.92		BOTTOM 75.50
	MOTTLING @ 32"		MOTTLING @ 27"

DATE: NOV. 20, 2002 & NOV. 9, 2005
 ENGR: DOUGLAS J. McLEAY PE
 WITNESS: DAVID ZARZINSKI PE
 PERCOLATION RATE PERC @ TPI DEPTH 44" ACTUAL RATE 18 MIN/INCH DESIGN RATE 20 MIN/INCH 1/2" SEPARATION REQ PER 310 CMR 15.212 PERC @ TPI DEPTH 44" ACTUAL RATE 3.0 MIN/INCH DESIGN RATE 20 MIN/INCH SEE PERC LAST II SOIL

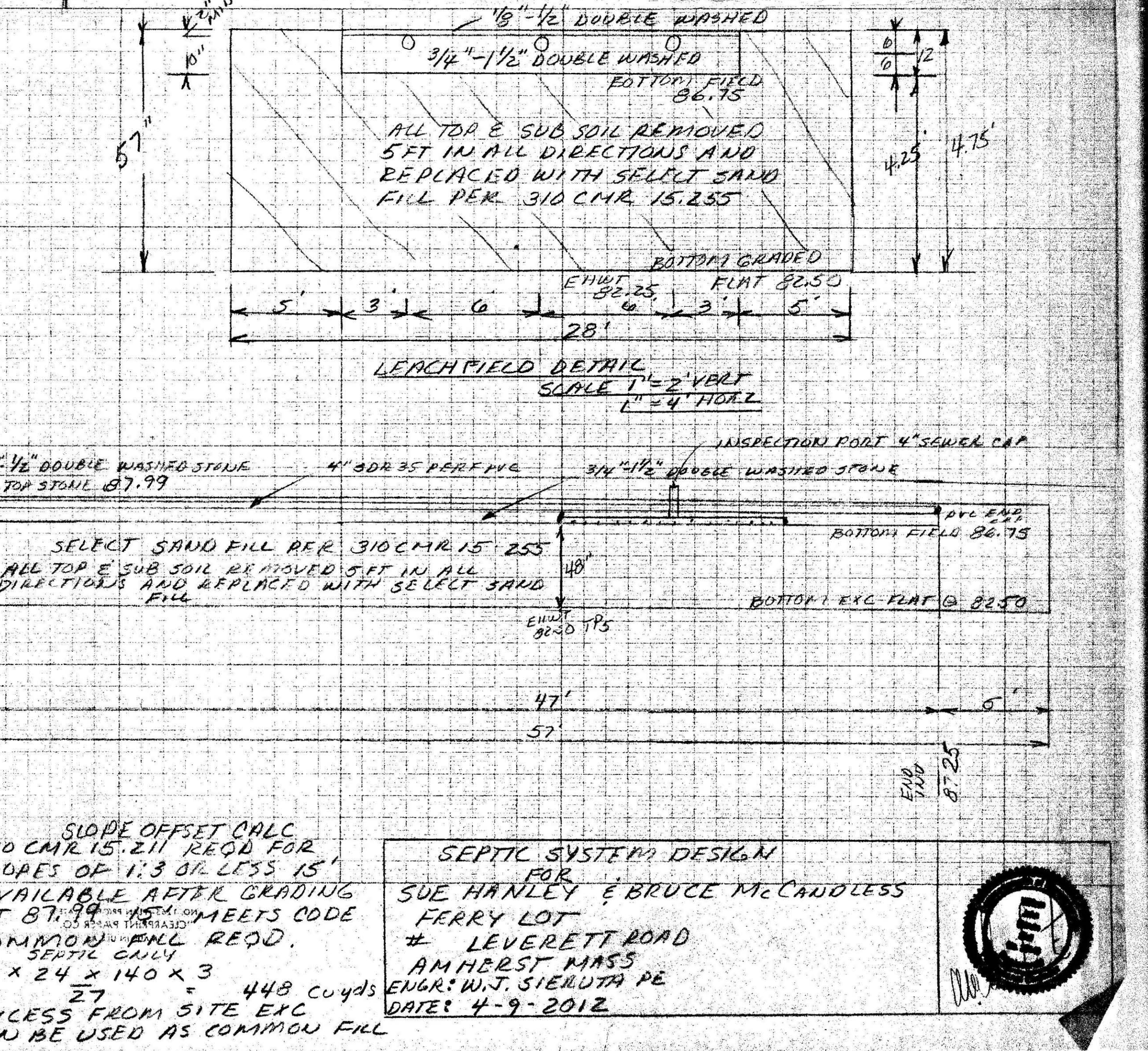
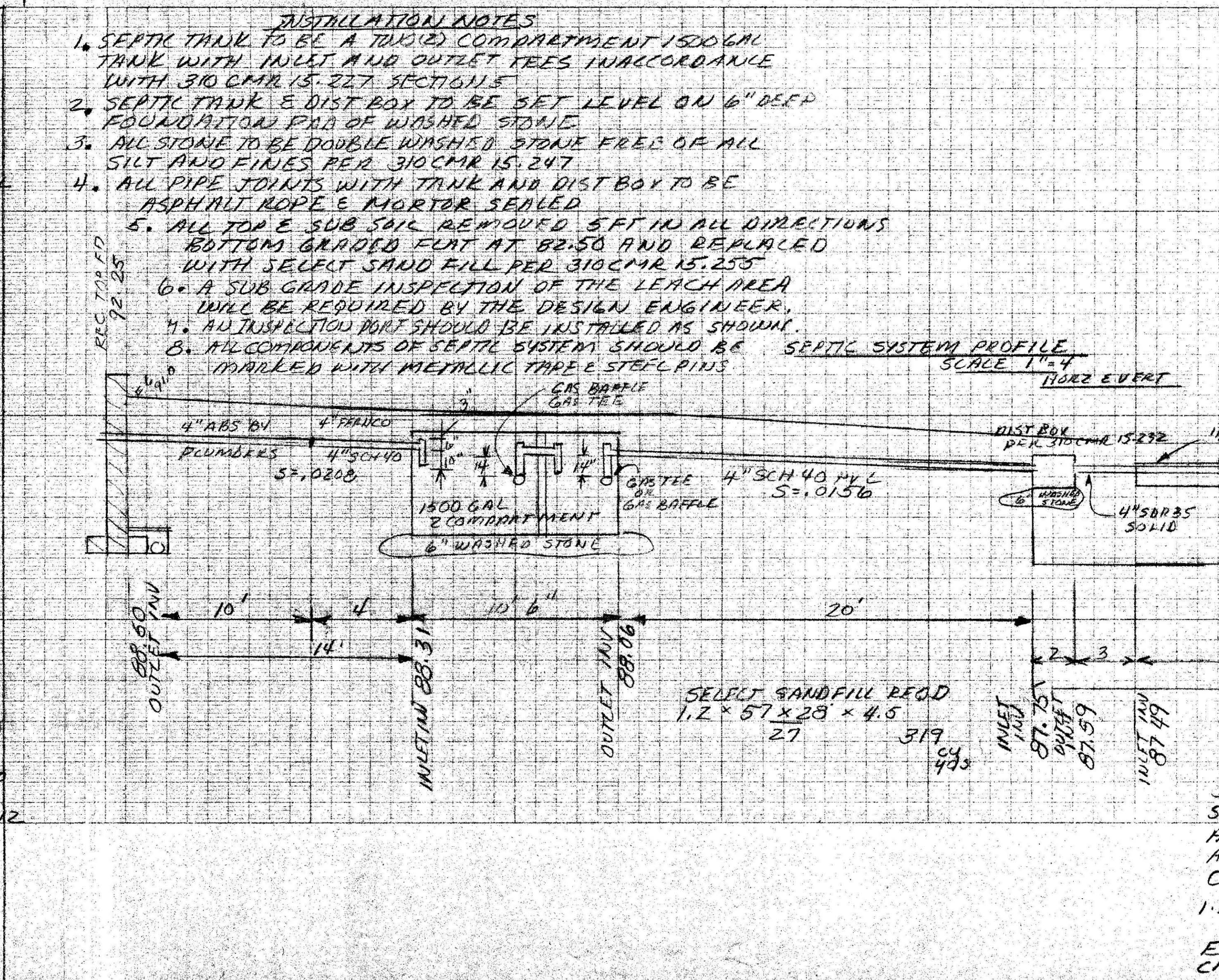


DESIGN INFORMATION
 CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.0 AND ALL LOCAL BOARD OF HEALTH REGULATIONS
 FINISH GRADES TO BE AS SHOWN ON PLANVIEW. ALL DISTURBED AREAS TO BE DRAINED AND SEEDED.

DESIGN CRITERIA
 USE: PROPOSED 4-BEDROOM SINGLE-FAMILY RESIDENTIAL HOME. FULL BMT WITH FOUNDATION DRAINS. NO DISPOSAL UNIT
 DESIGN FLOW: 310 CMR 15.203 REQD 110 GALS/BEDROOM x 4 = 440 GALS/DAY NO DISPOSAL UNIT
 SEPTIC TANK: 310 CMR 15.223 REQD 200% x 440 GALS = 880 GALS MINIMUM TANK DAY PERMITTED 1500 GALS
 USE PRECAST CONC. 2-COMPARTMENT TANK 10'6\"/>

PERMEABILITY
 PERMEABILITY: 310 CMR 15.242
 PERCOLATION RATE: ACTUAL 18 MIN/INCH 3 MIN/INCH DESIGN RATE 20 MIN/INCH
 CLASS II SOIL
 BOTTOM E-SIDE WALLS: 1/2\"/>

SEPTIC SYSTEM DESIGN
 FOR SUE HANLEY & BRUCE McCANDLESS
 FERRY LOT # LEVERETT ROAD AMHERST MASS
 ENGR: W.J. SIEMUTA PE
 DATE: 4-9-2012

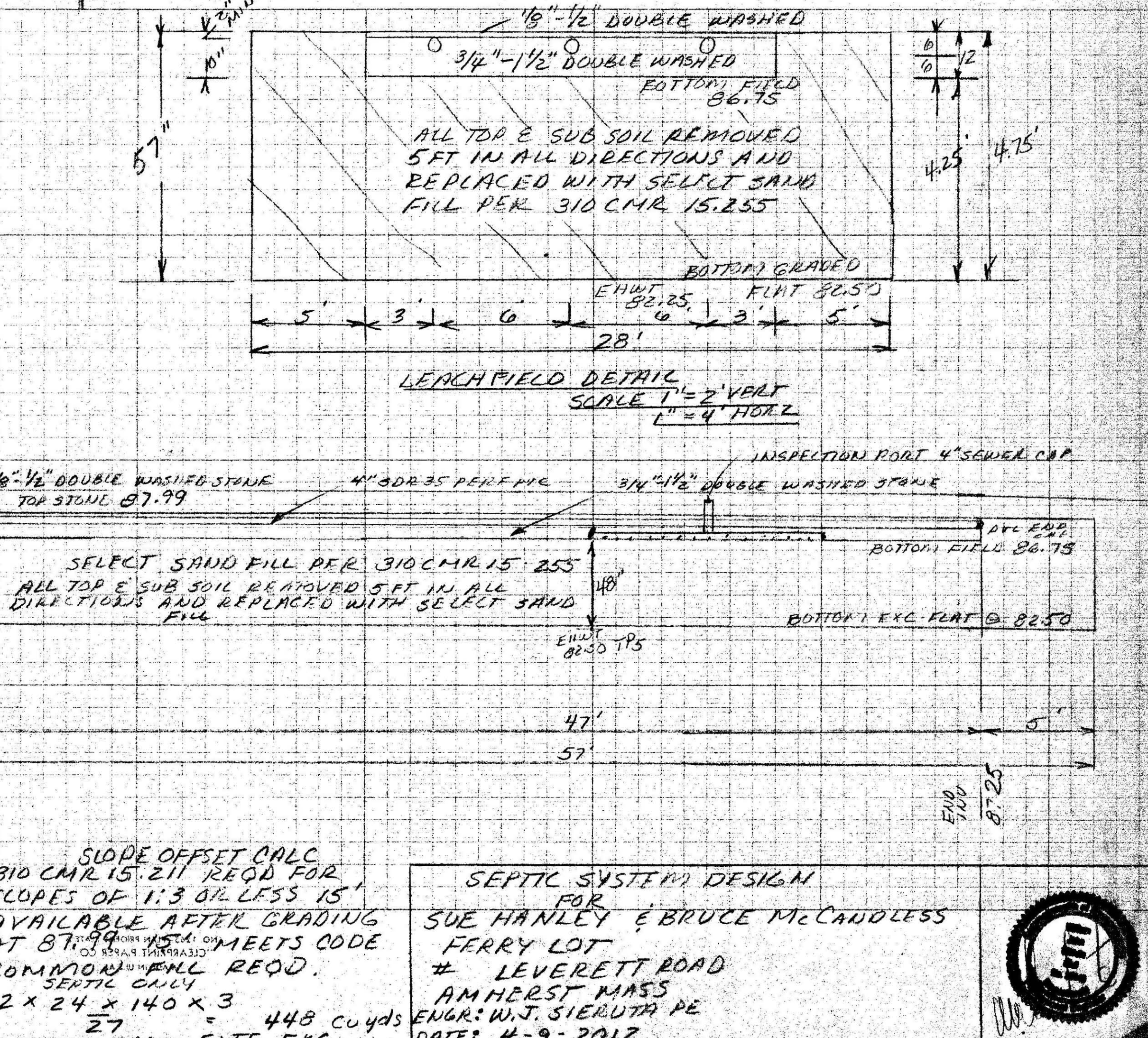
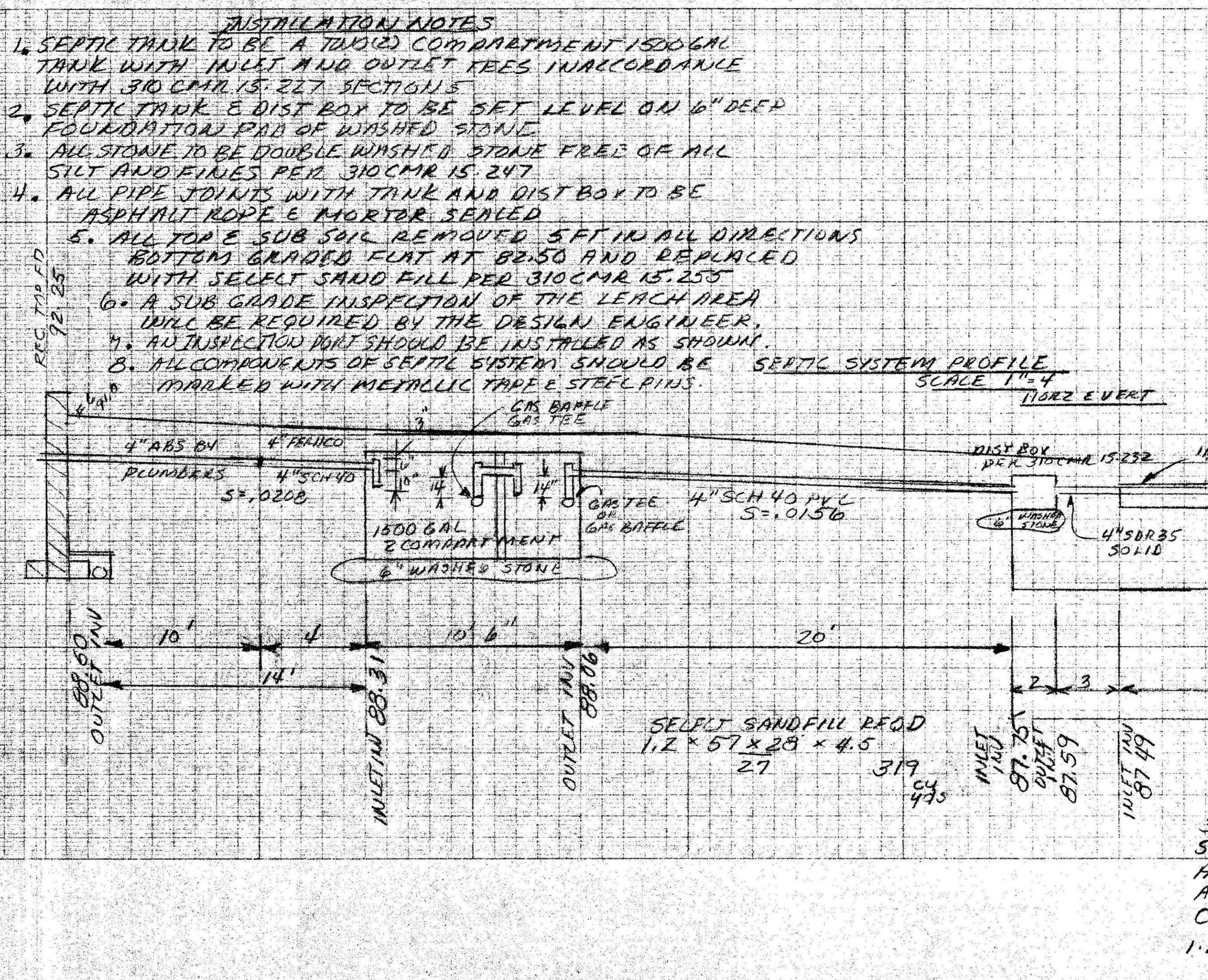
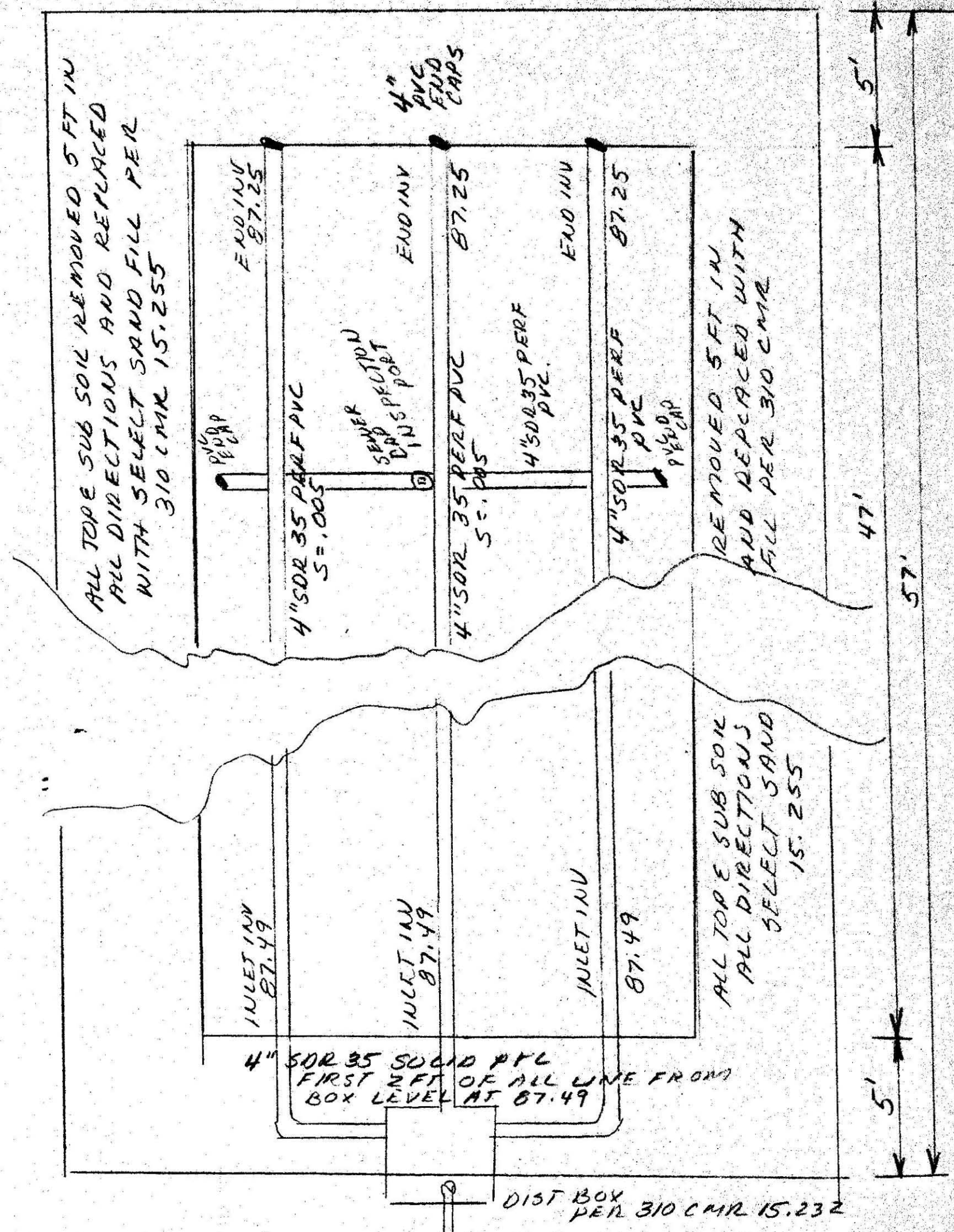
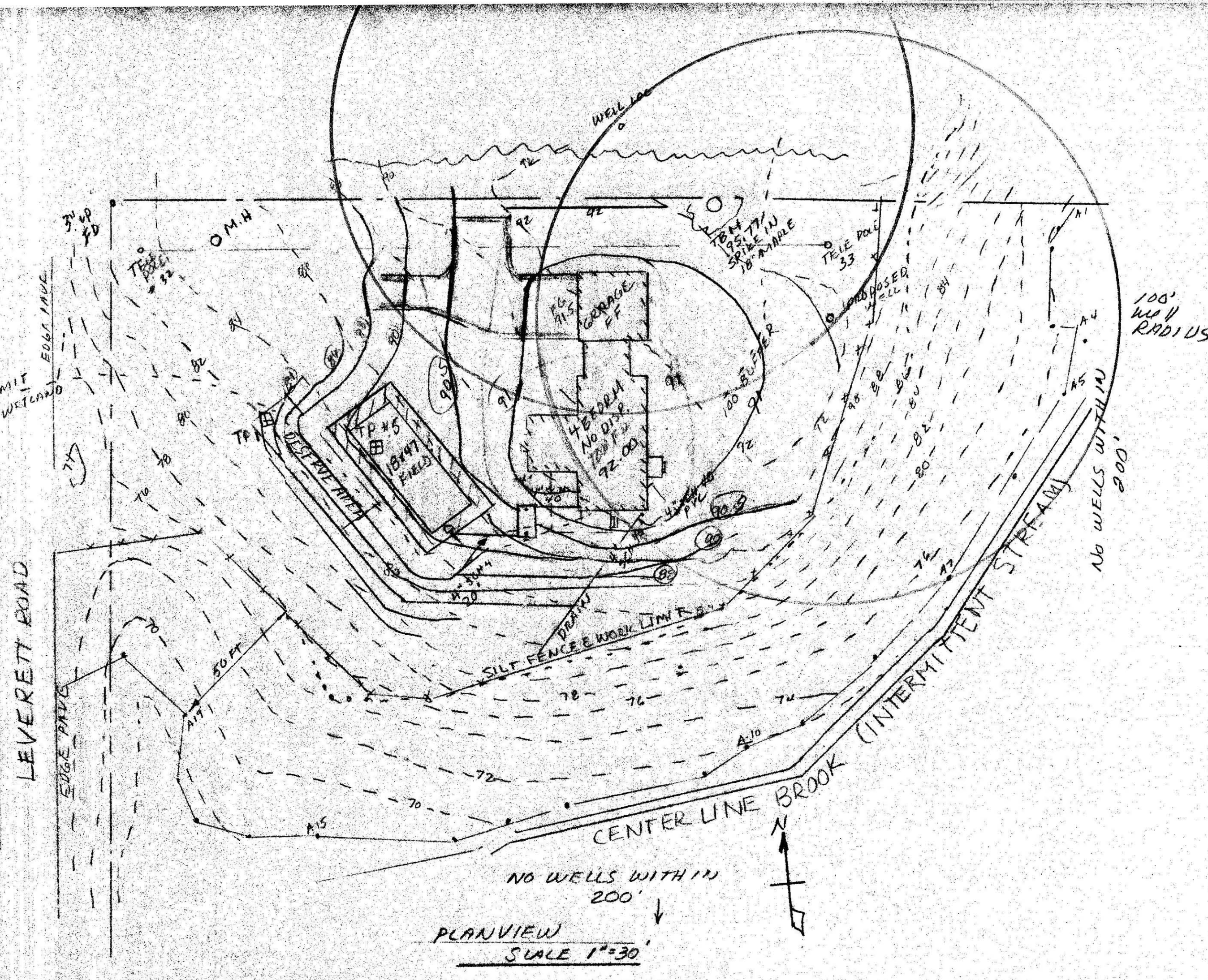


SLOPE OFFSET CALC 310 CMR 15.211 REQD FOR SLOPES OF 1:3 OR LESS IS AVAILABLE AFTER GRADING AT 87.99 MEETS CODE COMMON FILL REQD. SEPTIC ONLY 1/2 x 24 x 140 x 3 27 = 448 cu yds EXCESS FROM SITE ETC CAN BE USED AS COMMON FILL

PERCOLATION TEST INFORMATION

TEST PIT # 1		TEST PIT # 5	
HORIZON A SANDY LOAM 10.4-14	0-7	HORIZON A SANDY LOAM 10.4-14	0-10
HORIZON B SANDY LOAM 10.4-16	7-24	HORIZON B SANDY LOAM 10.4-14	10-23
HORIZON C SANDY LOAM 2.5-4	24-106	HORIZON C SANDY LOAM 10.4-3	23-108
EHW 32"		EHW 27"	
ELEV 81.75		ELEV 84.50	
EHW 79.08		EHW 82.25	
OBS H2O NONE		OBS H2O 81.00	
BOTTOM 72.92		BOTTOM 75.50	
MOTTLING @ 32"		MOTTLING @ 27"	

DATE: NOV. 20, 2002 & NOV. 9, 2005
 ENGR: DOUGLAS J. McLENNAN
 WITNESS: DAVID ZAROWITZ
 PERCOLATION RATE
 PER @ TPI
 DEPTH 44"
 ACTUAL RATE 18 MIN/INCH
 DESIGN RATE 20 MIN/INCH
 SEPARATION REQ PER
 310 CMR 15.212
 PER @ TPI
 DEPTH 44"
 ACTUAL RATE 3.0 MIN/INCH
 DESIGN RATE 20 MIN/INCH
 SEE PERC
 CLASS II SOIL



- INSTALLATION NOTES**
- SEPTIC TANK TO BE A TANGLED COMPARTMENT 1500 GAL TANK WITH INLET AND OUTLET KEYS IN ACCORDANCE WITH 310 CMR 15.227 SECTION 15.
 - SEPTIC TANK & DIST BOX TO BE SET LEVEL ON 16" DEEP FOUNDATIONAL PAD OF WASHED STONE.
 - ALL STONE TO BE DOUBLE WASHED STONE FREE OF ALL SILT AND FINES PER 310 CMR 15.247.
 - ALL PIPE JOINTS WITH TANK AND DIST BOX TO BE ASPHALT ROPE & MORTAR SEALED.
 - ALL TOP & SUB SOIL REMOVED 5 FT IN ALL DIRECTIONS. BOTTOM GRADED FLAT AT 82.50 AND REPLACED WITH SELECT SAND FILL PER 310 CMR 15.255.
 - A SUB GRADE INSPECTION OF THE LEACH AREA WILL BE REQUIRED BY THE DESIGN ENGINEER.
 - AN INSPECTION PORT SHOULD BE INSTALLED AS SHOWN.
 - ALL COMPONENTS OF SEPTIC SYSTEM SHOULD BE MARKED WITH METALLIC TAPE & STEEL PINS.

DESIGN INFORMATION
 ALL CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.0 AND ALL LOCAL BOARD OF HEALTH REGULATIONS.
 NASH GRADING TO BE AS SHOWN ON PLANVIEW. ALL DISTURBED AREAS TO BE DAMMED AND SEEDED.

DESIGN CRITERIA
 SE: PROPOSED 4 BEDROOM SINGLE FAMILY RESIDENTIAL HOME. FILL BMT WITH FOUNDATIONAL DRAINS. NO DISPOSAL UNIT.

DESIGN FLOOR: 310 CMR 15.203
 REQD 110 GALS/BEDROOM x 4 = 440 GALS
 NO DISPOSAL UNIT

SEPTIC TANK: 310 CMR 15.223 REQD
 200% x 440 GALS = 880 GALS
 MINIMUM TANK 1500 GALS
 PERMITTED 1500 GALS

USE PRECAST CONC 2 COMPARTMENT TANK
 10'6" x 5'1" x 48" FLOW LINE

LEACHING SYSTEM: DUE TO SOIL CONDITIONS A LEACHFIELD DESIGN IS TO BE USED PER 310 CMR 15.252

EFFECTIVE DEPTH: 6" MIN
EFFECTIVE WIDTH: 18"
EFFECTIVE LENGTH: 47'

TOTAL AREA: 18' x 47' = 846 FT²
TOTAL PERMEABILITY: 846 FT² x .53 = 448 GALS/DAY

TBM SET IN 18" MAPLE TREE
 AS SHOWN ELEV 95.77

PERMEABILITY: 310 CMR 15.242
PERCOLATION RATE: ACTUAL 18 MIN/INCH, DESIGN 20 MIN/INCH
DESIGN RATE: 20 MIN/INCH
CLASS II SOIL: BOTTOM 5' OF 15.53 GALS/FT²

SEPTIC SYSTEM DESIGN
 FOR
 SUE HANLEY & BRUCE McCANDLESS
 FERRY LOT
 # LEVERETT ROAD
 AMHERST MASS
 ENGR: W.J. SIERUTA PE
 DATE: 4-9-2012



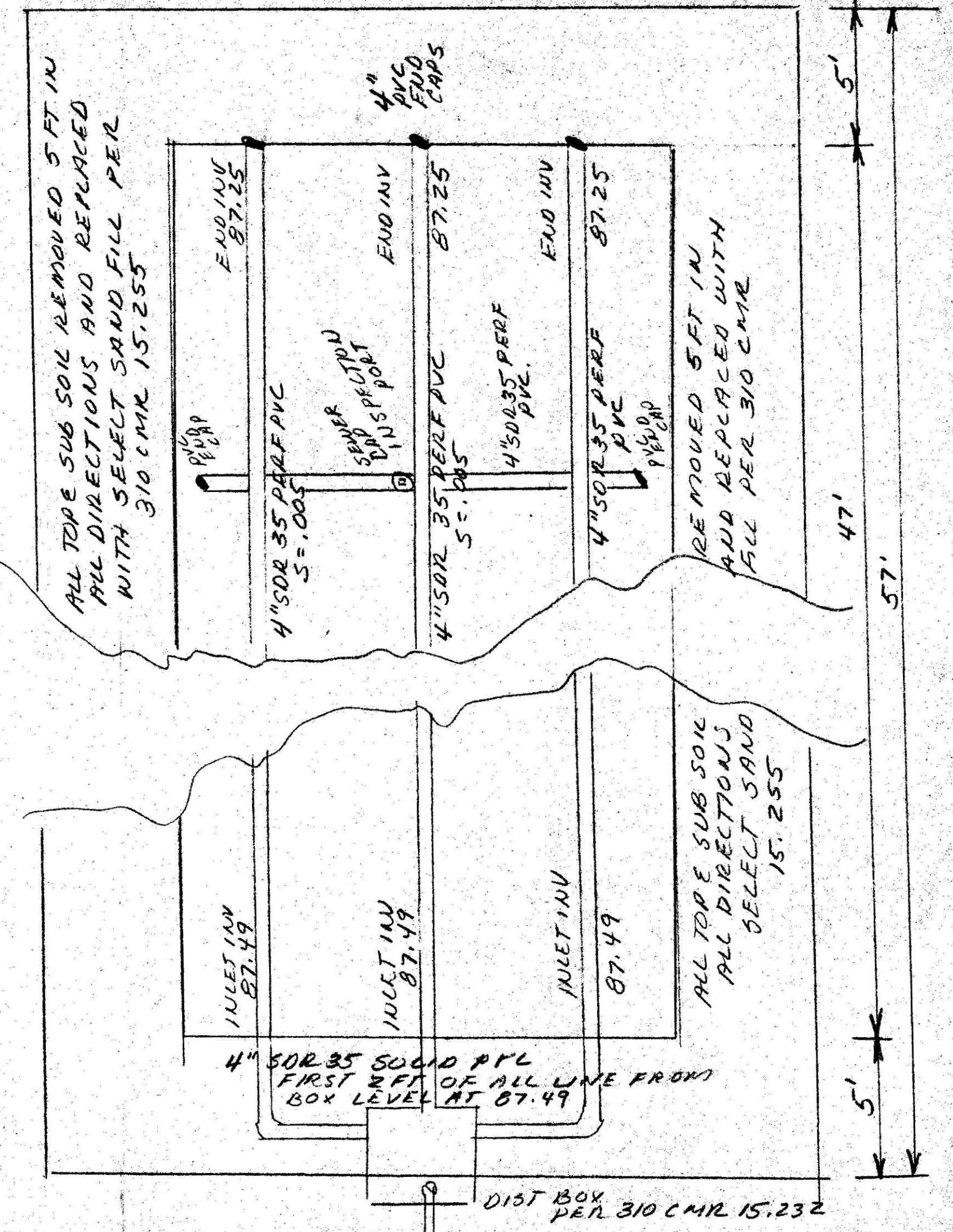
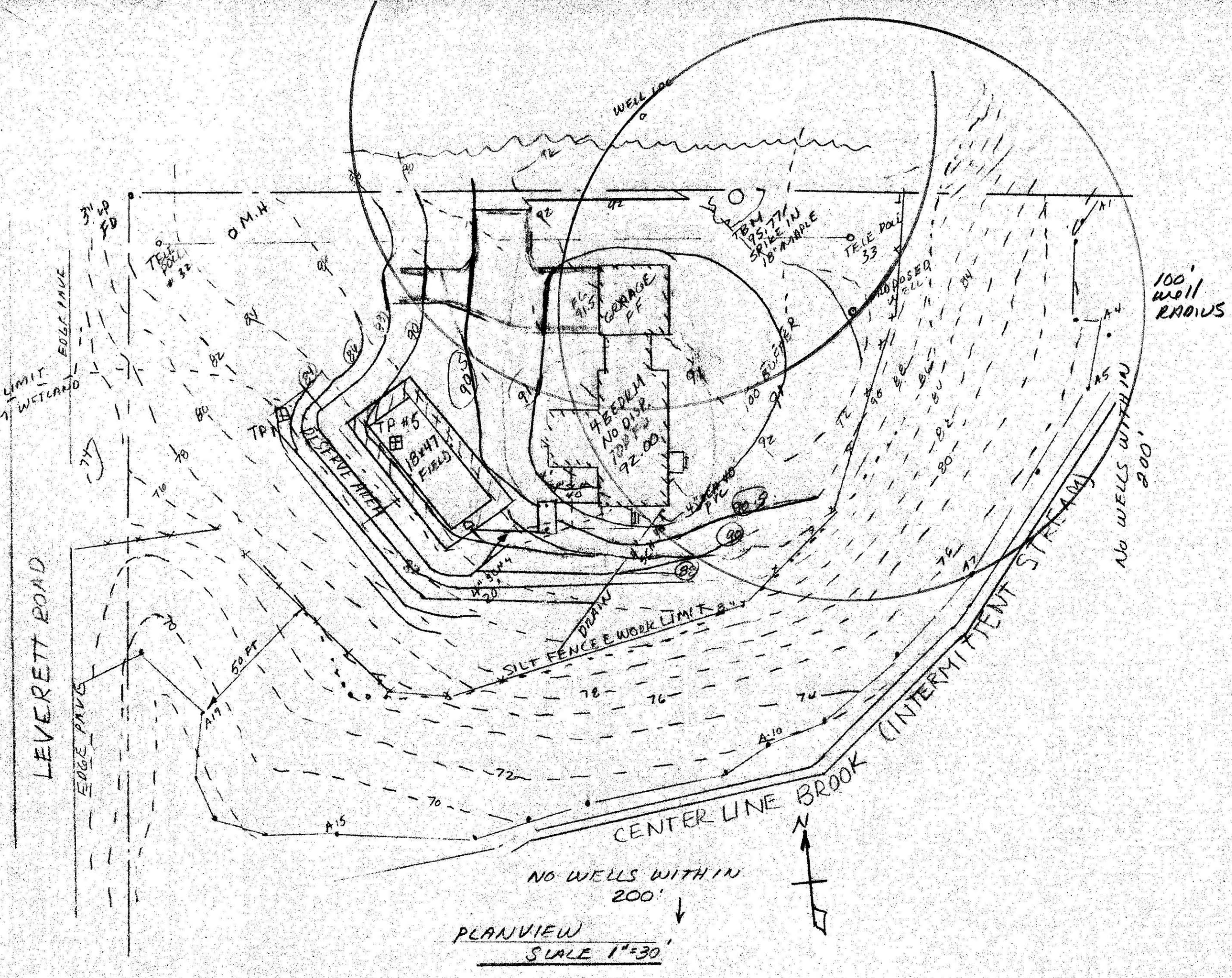
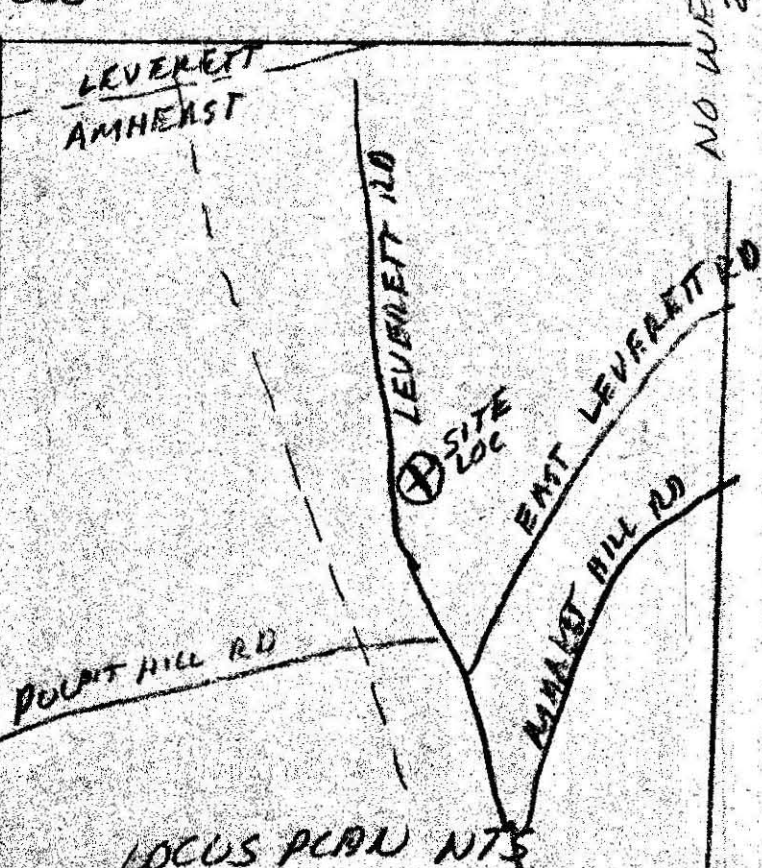
PERCOLATION TEST INFORMATION

TEST PIT # 1			TEST PIT # 5		
HORIZON	OTS	DEPTH	HORIZON	OTS	DEPTH
7	015 SANDY TOP SOIL	0-7	10	015 SANDY TOP SOIL	0-10
17	SILTY SUB SOIL	7-24	13	SILTY SANDY SUB SOIL	10-23
82	GRAVEL TILL	24-106	85	GRAVEL TILL	23-108

ELEV 81.75
 ENHWT 79.08
 OBS H2O NONE
 BOTTOM 72.92
 MOTTLING @ 32"

ELEV 84.50
 ENHWT 82.25
 OBS H2O 81.00
 BOTTOM 75.50
 MOTTLING @ 27"

DATE: NOV. 20, 2002 & NOV. 9, 2005
 ENGR: DOUGLAS J. McLENNAN PE
 WITNESS: DAVID ZAROZINSEK PE
 PERCOLATION RATE
 PERC @ TPI
 DEPTH 44"
 ACTUAL RATE 18 MIN/INCH
 DESIGN RATE 20 MIN/INCH
 48" SEPARATION REQD PER 310 CMR 15.212
 PERC @ TPI
 DEPTH 44"
 ACTUAL RATE 3.0 MIN/INCH
 DESIGN RATE 20 MIN/INCH
 SEE PERC.
 CLASS II SOIL



DESIGN INFORMATION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.0 AND ALL LOCAL BOARD OF HEALTH REGULATIONS.
 FINISH GRADING TO BE AS SHOWN ON PLAN VIEW. ALL DISTURBED AREAS TO BE LOAMED AND SEEDED.

DESIGN CRITERIA

USE: PROPOSED 4-BEDROOM SINGLE FAMILY RESIDENTIAL HOUSE. FULL BATH WITH FOUNDATION DRAINS. NO DISPOSAL UNIT.

DESIGN FLOW: 310 CMR 15.203
 REQD 110 GALS/BEDROOM x 4 = 440 GALS DRY
 NO DISPOSAL UNIT

SEPTIC TANK: 310 CMR 15.223 REQD
 200% x 440 GALS = 880 GALS
 MINIMUM TANK: 1500 GALS
 USE PRECAST CONC. 2 COMPARTMENT TANK 10'6" x 15'16" 48" FLOW LINE

TYPICAL TANK 50" FROM BASE TO INLET INV.

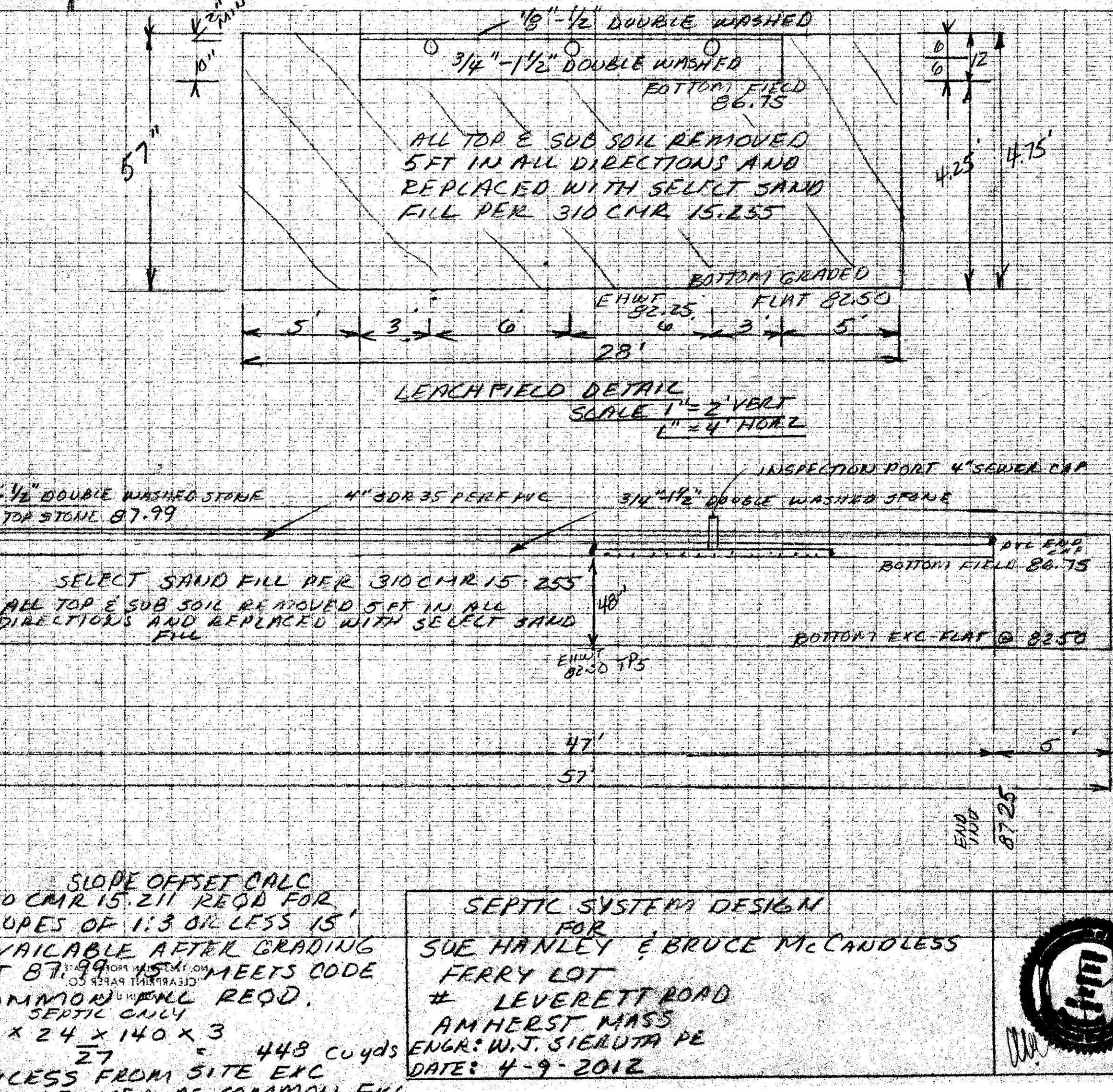
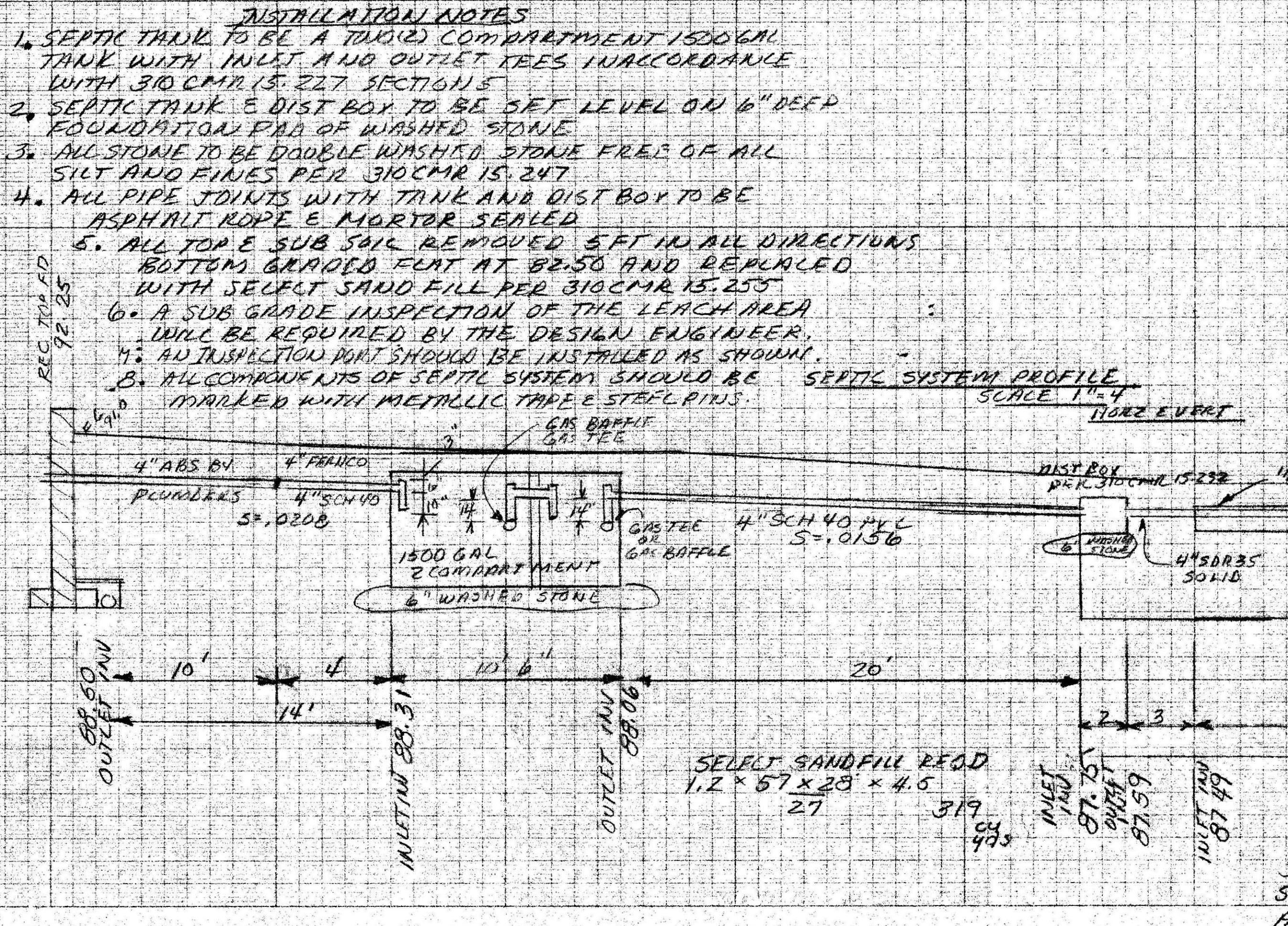
LEACHING SYSTEM: DUE TO SOIL CONDITIONS A LEACHFIELD DESIGN IS TO BE USED PER 310 CMR 15.252.

EFFECTIVE DEPTH: 6" MIN
 EFFECTIVE WIDTH: 18'
 EFFECTIVE LENGTH: 47'

BOTTOM AREA: 13' x 47' = 846 FT²
 TOTAL PERMEABILITY: 846 FT² x .53 = 448 GALS/DAY

TBM SET IN 18" MAPLE TREE AS SHOWN ELEV 95.77

PERMEABILITY PY 310 CMR 15.242
 PERCOLATION RATE
 ACTUAL 18 MIN/INCH
 3 MIN/INCH
 DESIGN RATE 20 MIN/INCH
 CLASS II SOIL
 BOTTOM ELEV 81.00
 1.53 GALS/FT²
 48" SEPARATION TO ENHWT REQD PER 310 CMR 15.212

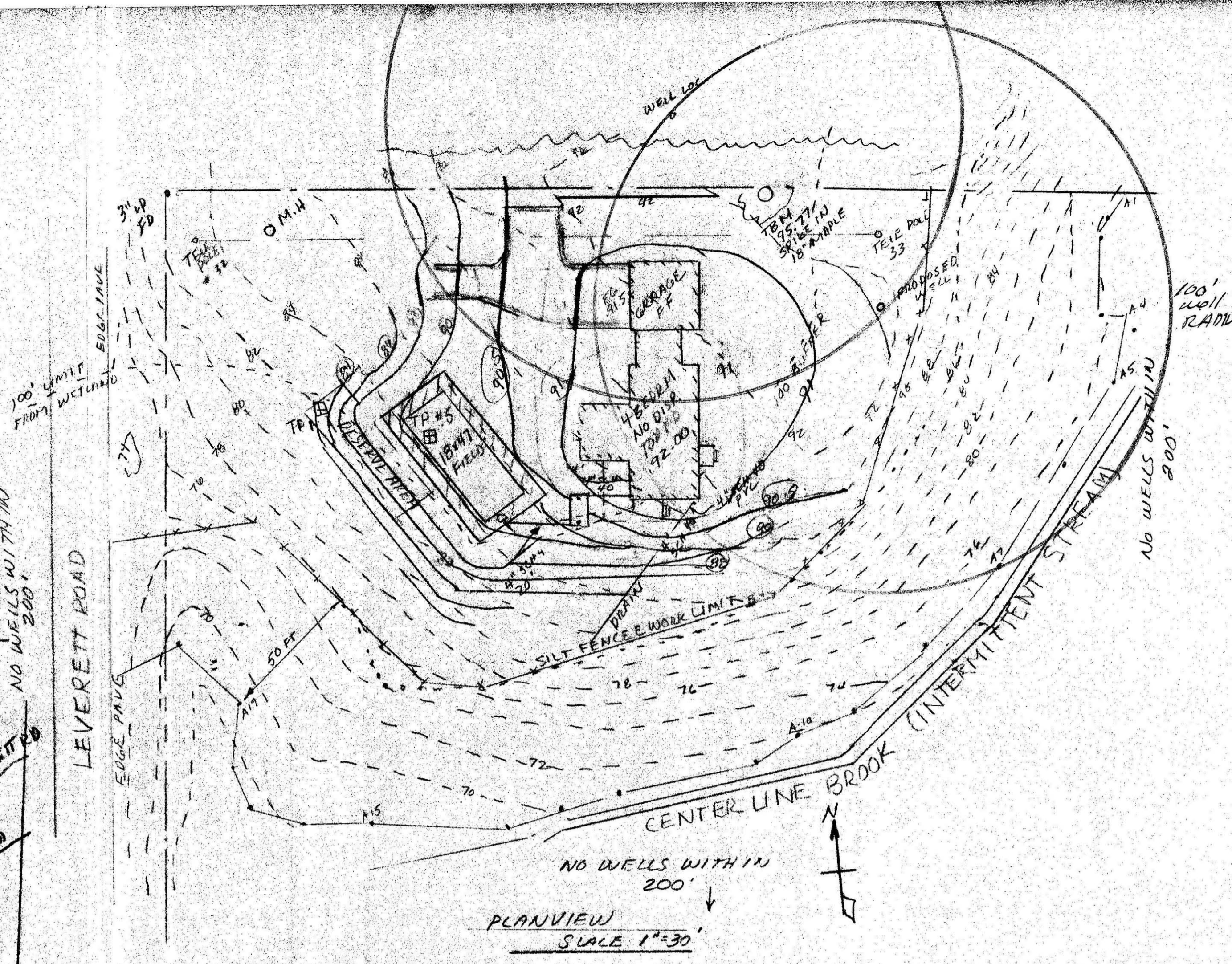
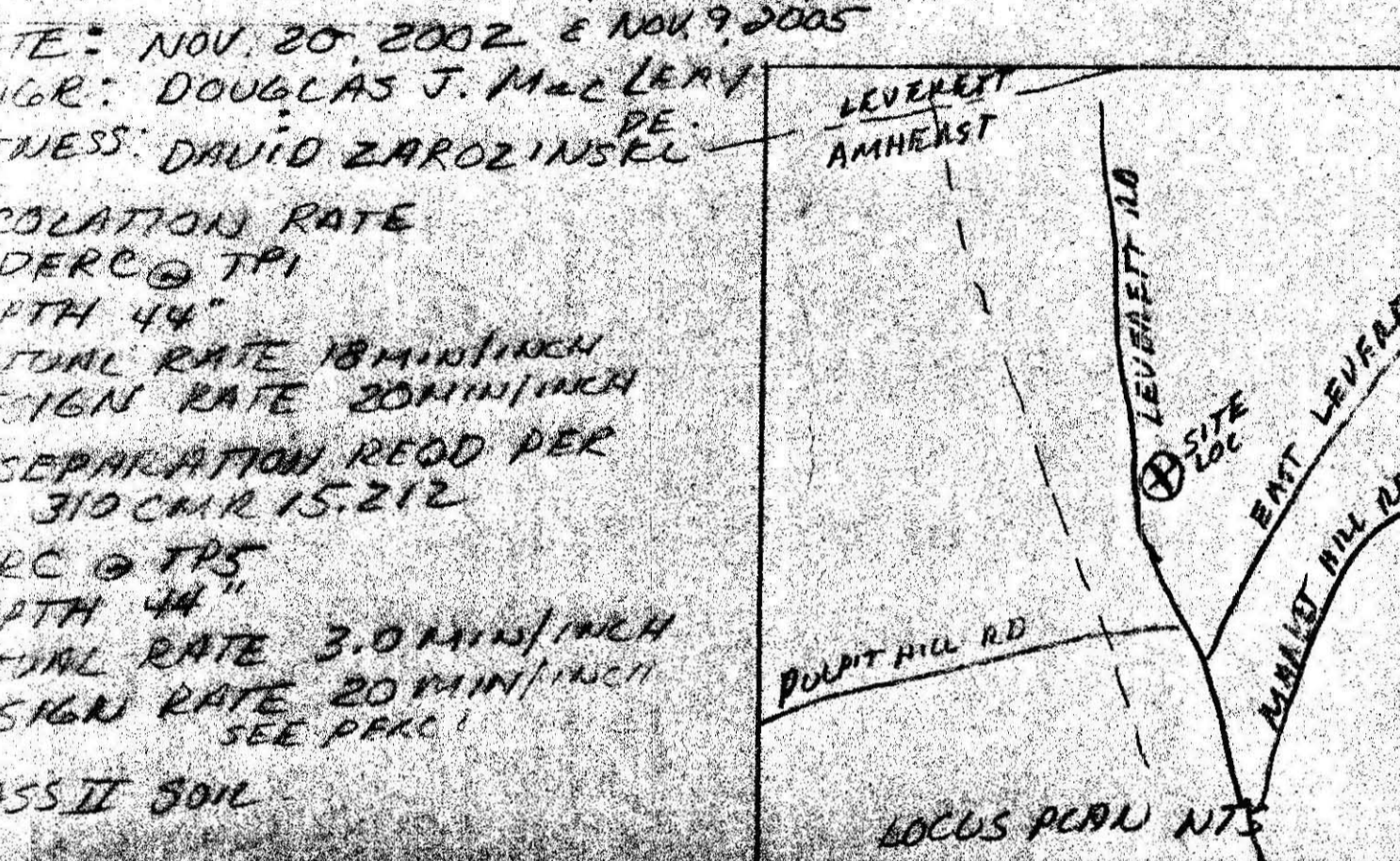


EXCAVATION INFORMATION

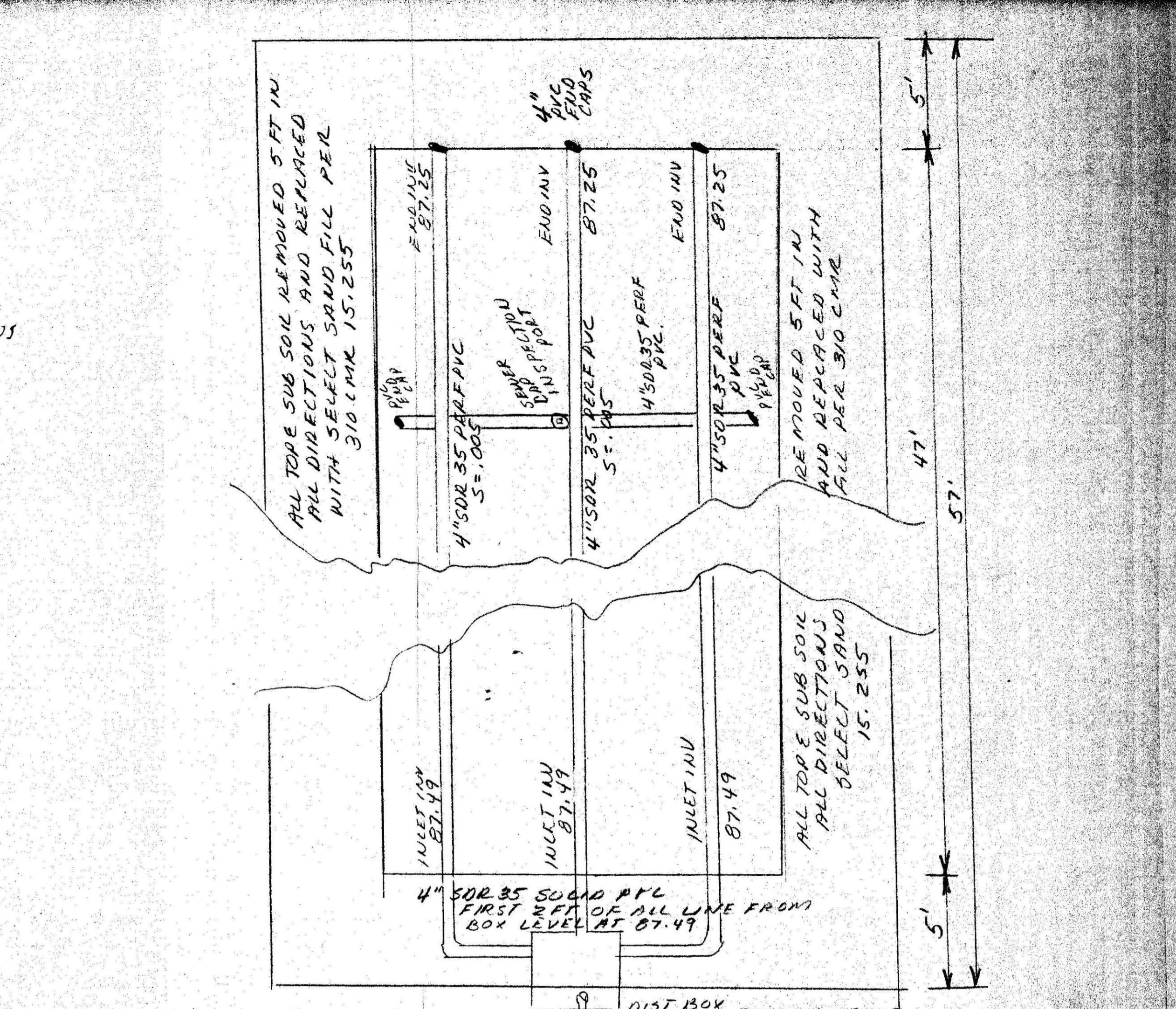
TEST PIT #1		TEST PIT #5	
HORIZON	DEPTH	HORIZON	DEPTH
HORIZON A SANDY LOAM 10 YR 3-4	0-7	HORIZON A SANDY LOAM 10 YR 2-2	0-10
HORIZON B SANDY LOAM 10 YR 4-6	7-24	HORIZON B SANDY LOAM 10 YR 4-4	10-23
HORIZON C SANDY LOAM 2-54 4-3	24-106	HORIZON C SANDY LOAM 10 YR 4-3	23-108
ENWT 32"		ENWT 27"	
		OB 42"	

ELEV 81.75
ENWT 79.08
OBS H2O NONE
BOTTOM 72.92
MOTTLING @ 32"

ELEV 84.50
ENWT 82.25
OBS H2O 81.00
BOTTOM 75.50
MOTTLING @ 27"



PLANVIEW SCALE 1"=30'



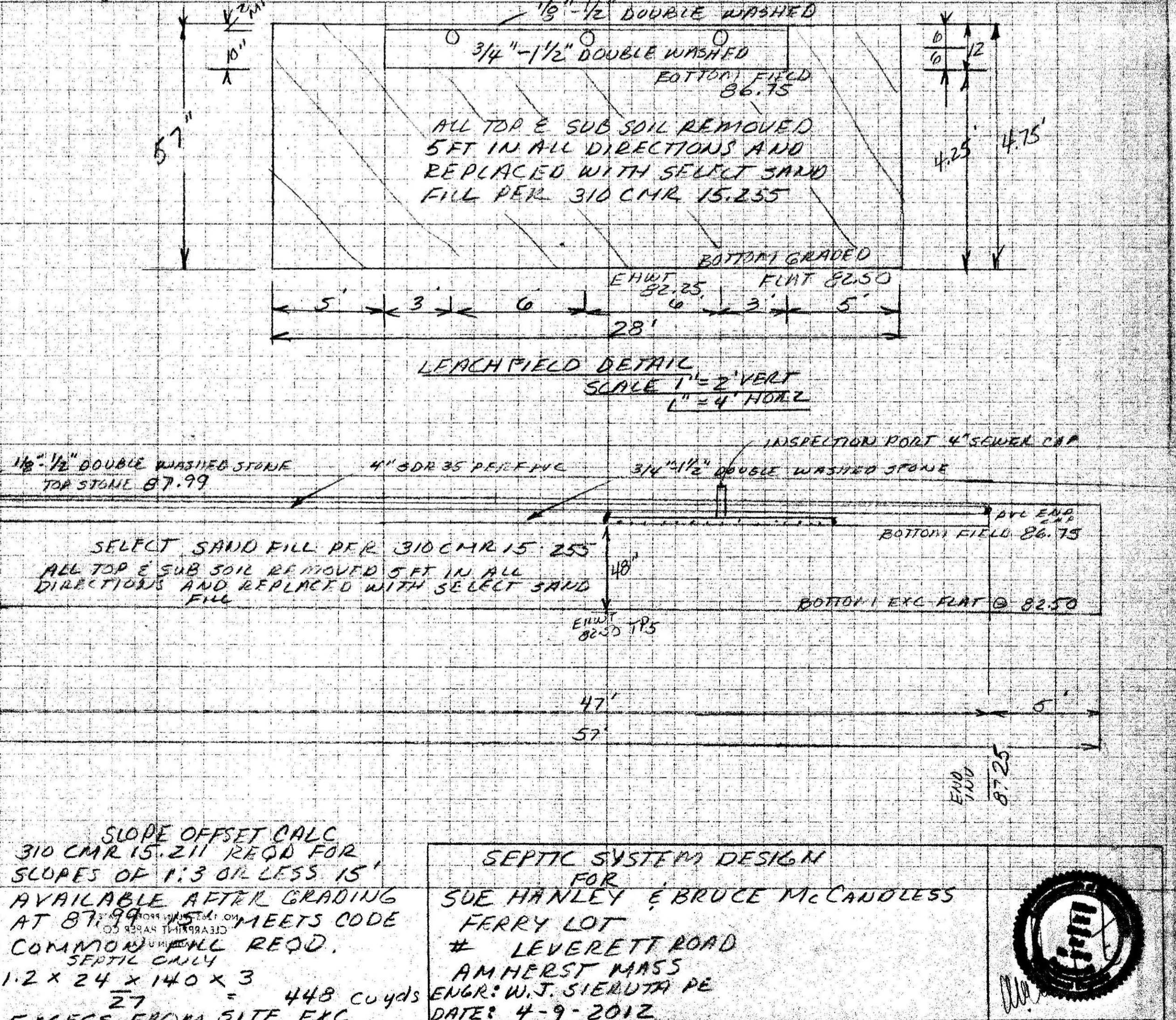
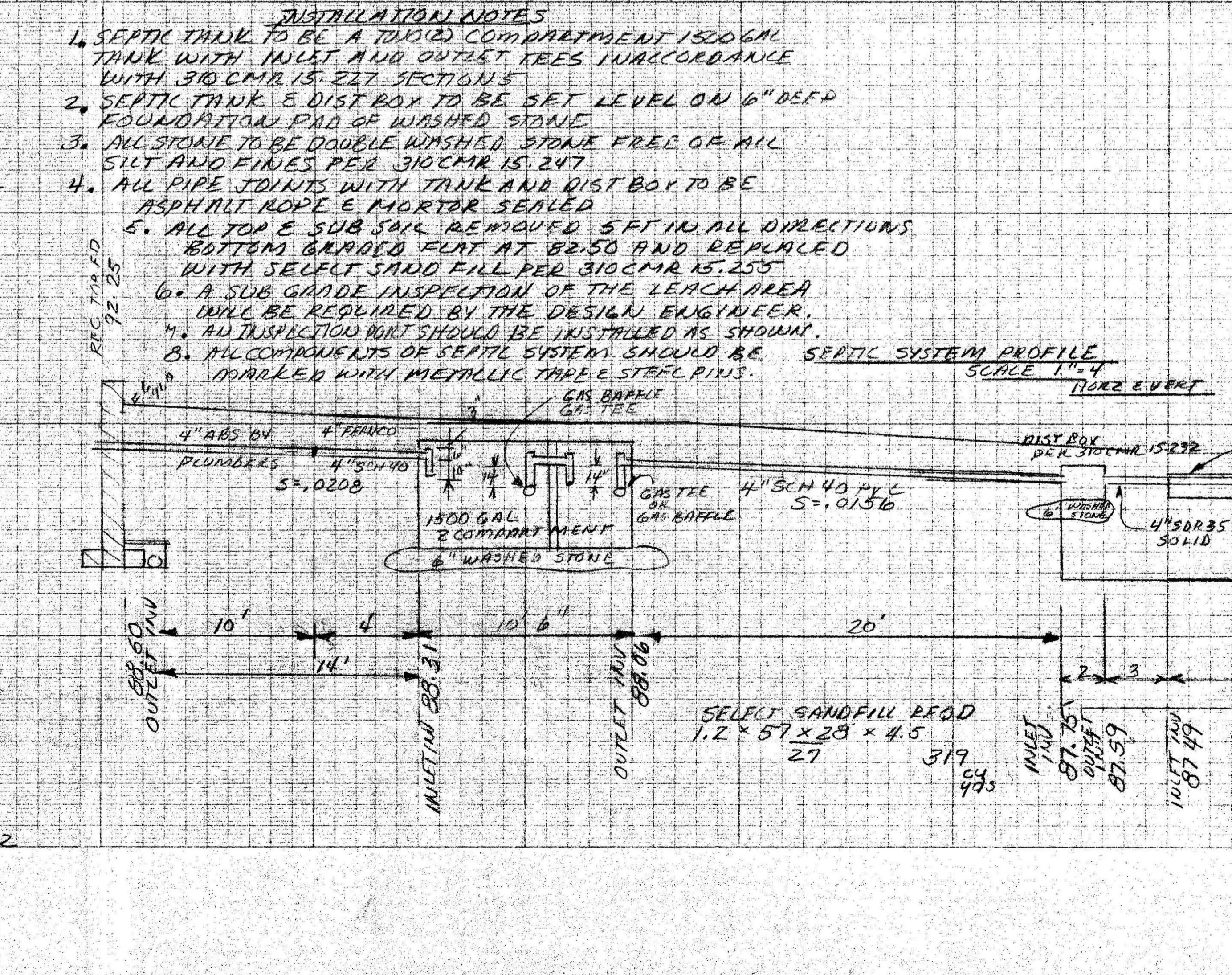
SEPTIC SYSTEM PROFILE SCALE 1"=4' HORIZ ELEV

DESIGN INFORMATION
CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.212 AND ALL LOCAL BOARD OF HEALTH REGULATIONS
SLOPE GRADINGS TO BE AS SHOWN ON PLANVIEW. ALL DISTURBED AREAS TO BE REGRADED AND SEEDED.

DESIGN CRITERIA
PROPOSED 4 BEDROOM SINGLE FAMILY RESIDENTIAL HOME. SEW. SERV. WITH FOUNDATION DRAINS
NO DISPOSAL UNIT
DESIGN FLOW: 310 CMR 15.203 REQD 110 GALS/BEDROOM x 4 = 440 GALS DRY
NO DISPOSAL UNIT
TANK: 310 CMR 15.223 REQD 200% x 440 GALS = 880 GALS
MINIMUM TANK DRY PERMITTED 1500 GALS
PRECAST CONC. 2 COMPARTMENT TANK 10'6" x 5'1" x 6'49" FLOOR LVL

PERMEABILITY
310 CMR 15.212
PERCOLATION RATE
ACTUAL 18 MIN/INCH
DESIGN RATE 20 MIN/INCH
CLASS II SOIL
BOTTOM ELEV 75.50
48" SEPARATION
ENWT REQD
PER 310 CMR 15.212

PERMEABILITY
310 CMR 15.212
PERCOLATION RATE
ACTUAL 18 MIN/INCH
DESIGN RATE 20 MIN/INCH
CLASS II SOIL
BOTTOM ELEV 75.50
48" SEPARATION
ENWT REQD
PER 310 CMR 15.212



SEPTIC SYSTEM DESIGN FOR SUE HANLEY & BRUCE McCANDLESS FERRY LOT # LEVERETT ROAD AMHERST MASS ENGR: W.J. SIERUTA PE DATE: 4-9-2012

TEST PIT # 1				TEST PIT # 5			
HORIZON	DESCRIPTION	DEPTH	THICKNESS	HORIZON	DESCRIPTION	DEPTH	THICKNESS
1	SANDY LOAM 10 YR	0-7	7	10	SANDY LOAM 10 YR	0-10	10
2	SANDY LOAM 10 YR	7-24	17	13	SANDY LOAM 10 YR	10-23	13
3	GRAVEL TILL	24-106	82	15	GRAVEL TILL	23-108	93

ELEV 81.75
ENWT 79.08
OBS H2O NONE
BOTTOM 72.92
MOTTLING @ 32"

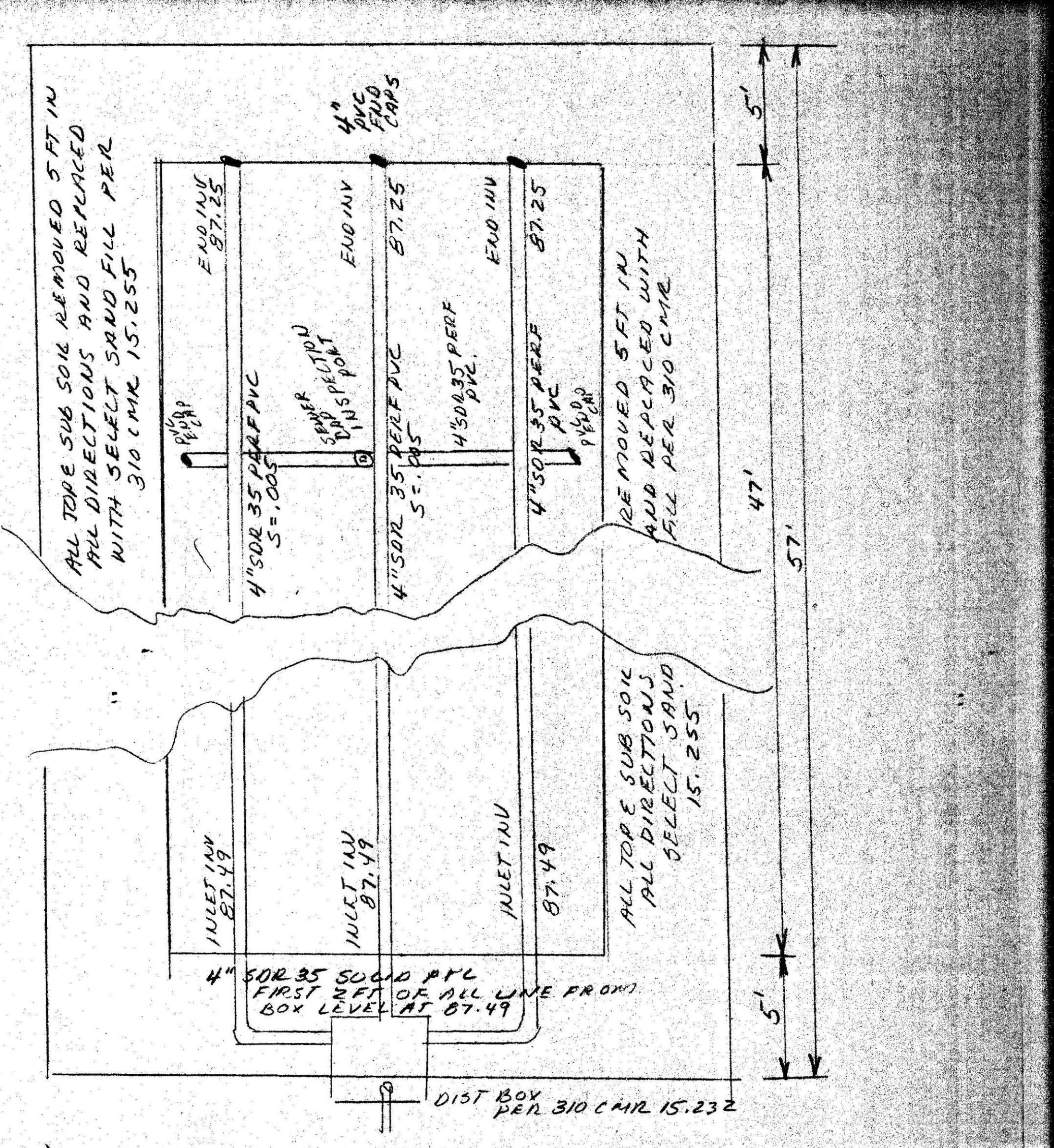
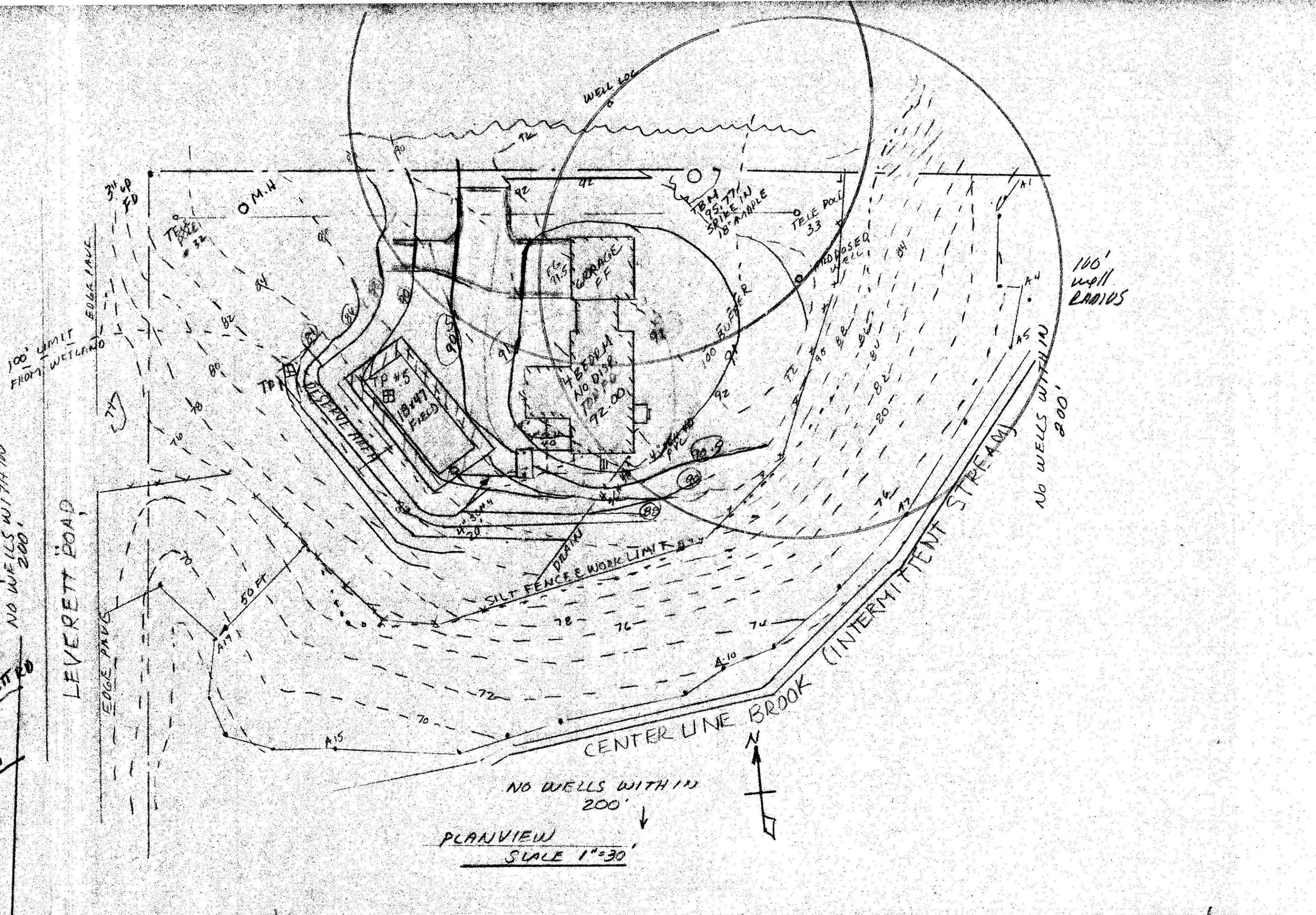
ELEV 84.50
ENWT 82.25
OBS H2O 81.00
BOTTOM 75.50
MOTTLING @ 27"

DATE: NOV 20, 2002 & NOV 9, 2005
ENGR: DOUGLAS J. Mc CAULESS
WITNESS: DAVID ZAROZINSKI

PERCOLATION RATE
PERC @ TPI
DEPTH 44"
ACTUAL RATE 18 MIN/INCH
DESIGN RATE 20 MIN/INCH

PERCOLATION RATE
PERC @ TPI
DEPTH 44"
ACTUAL RATE 3.0 MIN/INCH
DESIGN RATE 20 MIN/INCH

CLASS II SOIL



DESIGN INFORMATION
CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.0 AND ALL LOCAL BOARD OF HEALTH REGULATIONS
FINISH GRADING TO BE AS SHOWN ON PLAN VIEW. ALL DISTURBED AREAS TO BE TOPPED AND SEEDED.

DESIGN CRITERIA
USE: PROPOSED 4 BEDROOM SINGLE FAMILY RESIDENTIAL HOME. FULL BMT WITH FOUNDATION DRAINS. NO DISPOSAL UNIT.

DESIGN FLOW: 310 CMR 15.203
REQD. 110 GALS/BEDROOM * 4 = 440 GALS/DAY
NO DISPOSAL UNIT

SEPTIC TANK: 310 CMR 15.223 REQD. 200% * 440 GALS = 880 GALS
MINIMUM TANK 1500 GALS
PERMITTED 1500 GALS

USE PRECAST CONC. 2 COMPARTMENT TANK 10'6" x 15' x 6" 48" FLOW LINE
TYPICAL TANK 56" FROM BASE TO INLET INV.

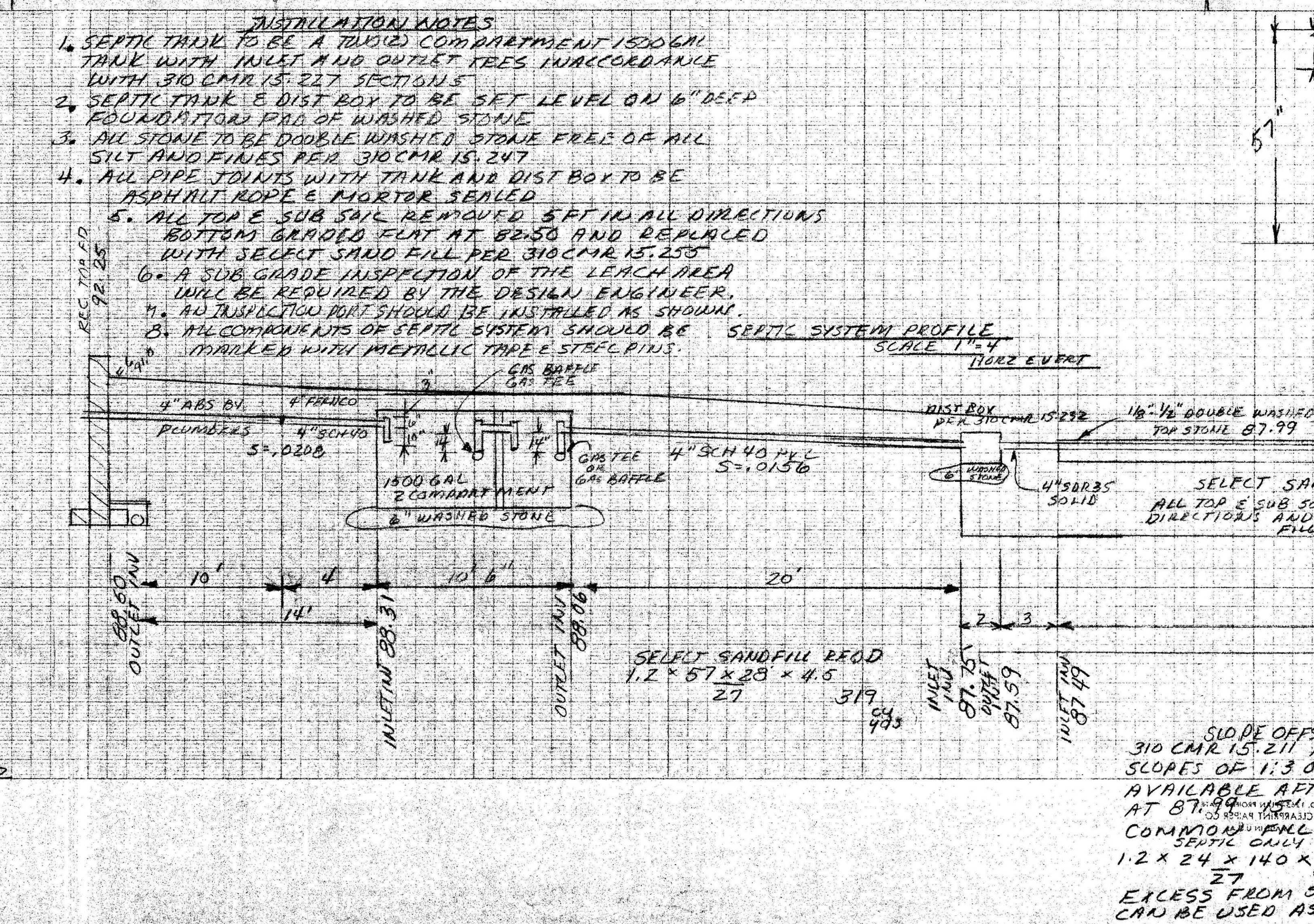
DRAINAGE SYSTEM: DUE TO SOIL CONDITIONS A LEACHFIELD DESIGN IS TO BE USED PER 310 CMR 15.252

EFFECTIVE DEPTH: 6" MIN
EFFECTIVE WIDTH: 18"
EFFECTIVE LENGTH: 47'

BOTTOM AREA 18' x 47' = 846 FT²
TOTAL PERMEABILITY 846 FT² * .53 = 448 GAL/DAY

TBM SET IN 18" MAPLE TREE AS SHOWN ELEV 95.77

PERMEABILITY 1/4 310 CMR 15.242
PERCOLATION RATE ACTUAL 18 MIN/INCH
DESIGN RATE 20 MIN/INCH
CLASS II SOIL
BOTTOM SIDE WALLS 153 GALS/FT²
48" SEPARATION ENWT REQD. PER 310 CMR 15.212



SLOPE OFFSET CALC
310 CMR 15.211 REQD FOR SLOPES OF 1:3 OR LESS IS AVAILABLE AFTER GRADING AT 87.49 FROM 87.75 MEETS CODE COMMON ENCL REQD. SEPTIC ONLY
1.2 x 24 x 140 x 3
27
448 cu yds
EXCESS FROM SITE ETC CAN BE USED AS COMMON FILL

SEPTIC SYSTEM DESIGN FOR SUE HANLEY & BRUCE Mc CAULESS
FERRY LOT # LEVERETT ROAD AMHERST MASS
ENGR: W.J. SIERUTA PE
DATE: 4-9-2012

Smith, Edmund

From: kevin otto [kjot1951@comcast.net]
Sent: Saturday, April 21, 2012 8:14 PM
To: Smith, Edmund
Subject: Re: septic plans for Leverett Road lot (Map 3A, Parcel 2)

Ed: Doug MacLeay cell phone is 413-325-5538 and his office number is 413-774-6698x34 if you need any more info my cell phone is 413-575-8869. Thanks Kevin Otto
On Apr 20, 2012, at 11:18 AM, Smith, Edmund wrote:

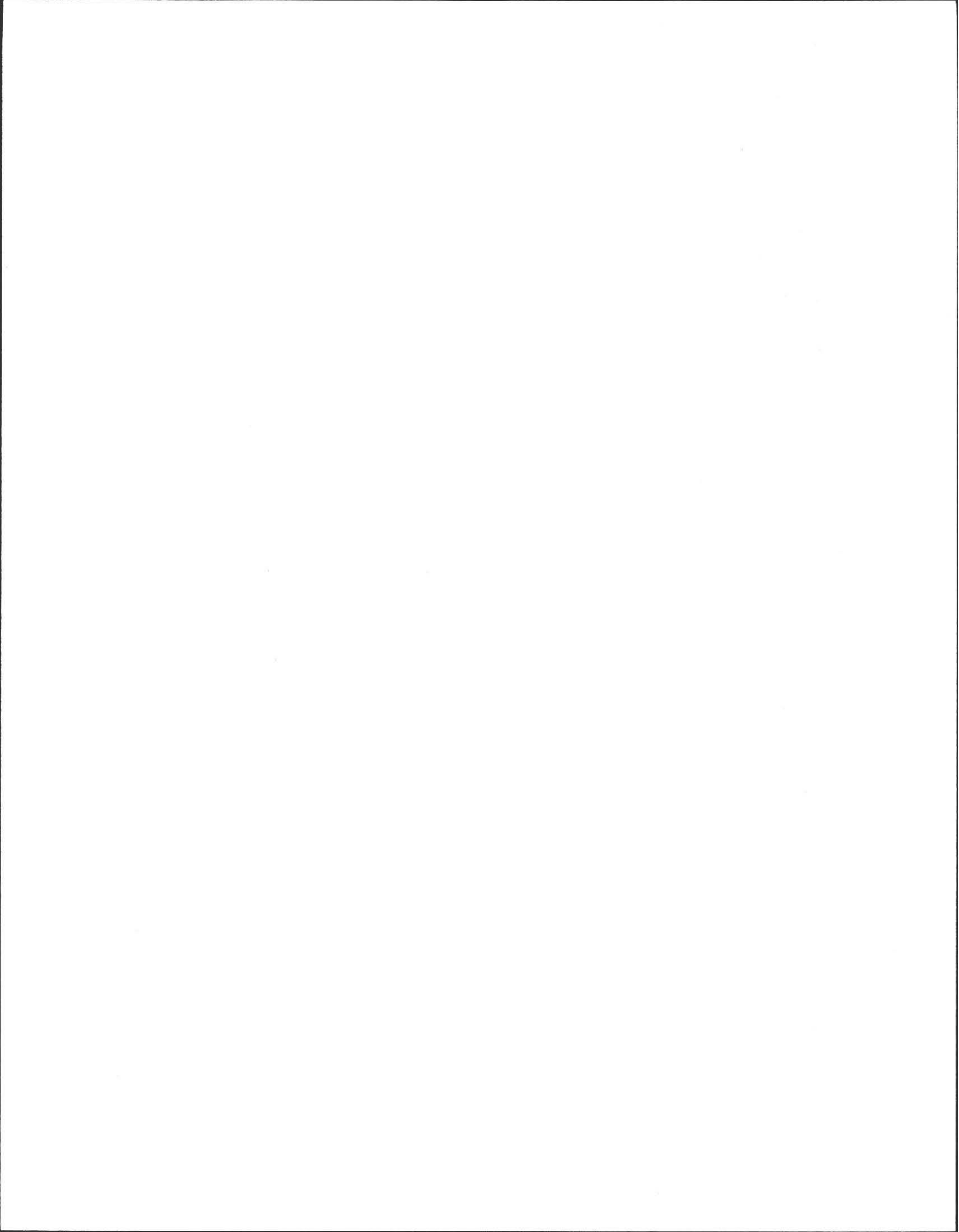
Hi Kevin –

I have your plans on my desk for this project. I noticed that Douglas MacLeay re-signed off on the plans 2/15/12; the contact phone didn't ring so I'm copying him on this note, in hopes that one of you will respond with current contact info so I will be ready when your project is ready to move forward.

Thanks
Ed

Edmund R. Smith
Health Inspector; (413)259-3153

my regular hours: Tuesdays 8-4:30; Thursdays 12:30-4:30; Fridays 8-4:30
Amherst Health Department
main phone #: (413)259-3077; fax (413)259-2404
Bangs Community Center
70 Boltwood Walk
Amherst, MA 01002



RECEIVED FEB 29 2012

NOTICE OF INTENT

under the
Massachusetts Wetlands Protection Act
and

Town of Amherst Wetlands Protection Bylaw

Leverett Rd
Septic System
new
house

APPLICANT: KEVIN OTTO

LOCATION: MAP 3A, PARCEL 2, LEVERETT ROAD, AMHERST, MA

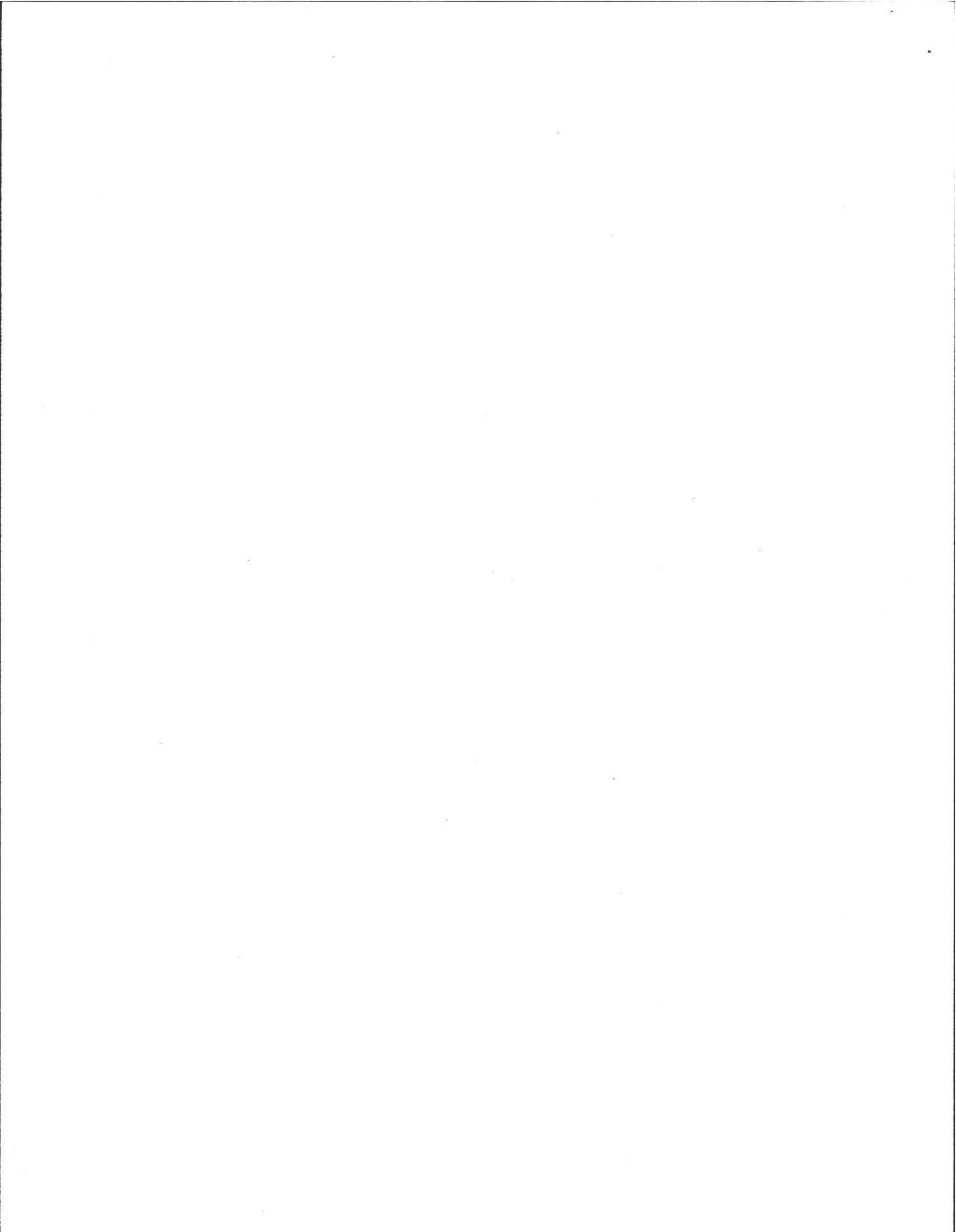
PROJECT: PROPOSED SINGLE FAMILY HOME

CONTENTS:

1. NOTICE OF INTENT - WPA Form 3 - eNOI 9 pages
2. Wetland Fee Transmittal Form 1 page
3. Exhibit 1 - Locus Map (USGS) 1 page
4. Exhibit 2 - List of Abutters, Draft Abutter Notice 4 pages
5. Exhibit 3 - Project Summary and Compliance with Performance Standards 3 pages
6. Exhibit 4 - 2009 Ortho-Photo showing that work was begun under 2006 Order 1 pages
7. Exhibit 5 - 2005 "not adversely affect" letter from NHESP 1 page
8. Exhibit 6 - Affidavit regarding videos of dry stream 1 page
9. Exhibit 7 - Proof of mailing to Natural Heritage & Endangered Species Program 1 page
10. Exhibit 8 - DVD showing dry stream, July 6, 7, 8, & 9, 2010
11. "Subsurface Sewage Disposal Plan in Amherst, Mass, for Amherst Building Company, LLC, Ferry Lot, Leverett Road" dated 11/21/05, Revised 2/14/12 1 sheet
12. Filing Fee Check for \$345.00 to Town of Amherst

DISTRIBUTION:

1. Conservation Commission 6 copies (2 DVD's) Hand delivered
2. DEP, Western Region 1 copy e-filed, DVD by Certified Mail
3. Mass. NHESP 1 copy (no DVD) Certified Mail
4. Applicant/Owner 1 copy Hand delivered
5. Representative 1 copy retained





Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:450045
 City/Town:AMHERST

A.General Information

1. Project Location:

a. Street Address	LEVERETT ROAD		
b. City/Town	AMHERST	c. Zip Code	01002
d. Latitude	42.42685N	e. Longitude	72.50998W
f. Map/Plat #	3A	g.Parcel/Lot #	2

2. Applicant:

Individual Organization

a. First Name	KEVIN	b.Last Name	OTTO
c. Organization			
d. Mailing Address	585 STATION ROAD		
e. City/Town	AMHERST	f. State	MA
g. Zip Code	01002	j. Email	kjot1951@comcast.net
h. Phone Number	413-575-8869	i. Fax	

3.Property Owner:

more than one owner

a. First Name	KEVIN	b. Last Name	OTTO
c. Organization	AND MARK WISOTZKY (OTHER OWNER)		
d. Mailing Address	585 STATION ROAD		
e. City/Town	AMHERST	f.State	MA
g. Zip Code	01002	j.Email	kjot1951@comcast.net
h. Phone Number	413-575-8869	i. Fax	

4.Representative:

a. First Name	CHARLES	b. Last Name	DAUCHY
c. Organization	ENVIRONMENTAL CONSULTATN		
d. Mailing Address	24 OLD LONG PLAIN ROAD		
e. City/Town	LEVERETT	f. State	MA
g. Zip Code	01054	j.Email	cdauchy@wildblue.net
h.Phone Number	413-548-8005	i.Fax	413-548-9987

5.Total WPA Fee Paid (Automatically inserted from NOI Wetland Fee Transmittal Form):

a.Total Fee Paid	665.00	b.State Fee Paid	320.00	c.City/Town Fee Paid	345.00
------------------	--------	------------------	--------	----------------------	--------

6.General Project Description:

THE PROPOSED WORK CONSISTS OF CONSTRUCTION OF A SINGLE FAMILY HOUSE ON THE OUTER EDGE OF THE 100 FT. BUFFER ZONE, WITH ASSOCIATED DRIVEWAY, SEPTIC SYSTEM, WELL, UTILITY SERVICE, GRADING, EROSION CONTROLS, AND SITE STABILIZATION. THE WORK WAS PREVIOUSLY PERMITTED IN 2006 (DEP FILE#89-494, NHESP TRACKING #05-18976). WORK WAS BEGUN, BUT NOT COMPLETED BEFORE EXPIRATION OF THE ORDER OF CONDITIONS. THE ORIGINAL ORDER WAS BASED ON THE AMHERST CONSERVATION COMMISSION'S DETERMINATION THAT THE ADJACENT STREAM WAS INTERMITTENT WITHIN THE SITE AND ON THE UPSTREAM AND DOWNSTREAM PROPERTIES. DUE TO THE EXPIRATION OF THE ORIGINAL DETERMINATIONS AND ORDER, AND A SUBSEQUENT ORDER (DEP FILE#89-0558) ON PROPERTY ACROSS THE STREET, WHICH DID NOT ATTEMPT TO DEFEAT THE PERENNIAL PRESUMPTION, THE FRONT PORTION OF THE SUBJECT SITE IS NOW PRESUMED TO BE RIVERFRONT AREA. THE PREVIOUSLY APPROVED SEPTIC SYSTEM LOCATION AND PARTIALLY CONSTRUCTED DRIVEWAY ARE WITHIN THE PRESUMED



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:450045
 City/Town:AMHERST

RIVERFRONT AREA. THE ORIGINALLY APPROVED PLAN HAS NOW BEEN REVISED TO RELOCATE THE DRIVEWAY TO THE OUTER EDGE OF THE RIVERFRONT AREA AND RESTORE THE EXISTING DRIVEWAY AREA TO NATIVE VEGETATION.

7a. Project Type:

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial |
| 5. <input type="checkbox"/> Dock/Pier | 6. <input type="checkbox"/> Utilities |
| 7. <input type="checkbox"/> Coastal Engineering Structure | 8. <input type="checkbox"/> Agriculture (eg., cranberries, forestry) |
| 9. <input type="checkbox"/> Transportation | 10. <input type="checkbox"/> Other |

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project:
 2. Limited Project

8. Property recorded at the Registry of Deeds for:

a. County:	b. Certificate:	c. Book:	d. Page:
HAMPSHIRE		10073	101

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. Buffer Zone & Resource Area Impacts (temporary & permanent):

This is a Buffer Zone only project - Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.

2. Inland Resource Areas: (See 310 CMR 10.54 - 10.58, if not applicable, go to Section B.3. Coastal Resource Areas)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land under Waterbodies and Waterways	1. linear feet	2. linear feet
	3. cubic yards dredged	
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input checked="" type="checkbox"/> Riverfront Area	unnamed stream	
	1. Name of Waterway (if any)	
2. Width of Riverfront Area (check one)	<input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only	



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:450045
 City/Town:AMHERST

- 100 ft. - New agricultural projects only
 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project 23888 square feet
4. Proposed Alteration of the Riverfront Area:
 10883 0 10883
 a. total square feet b. square feet within 100 ft. c. square feet between 100 ft. and 200 ft.
5. Has an alternatives analysis been done and is it attached to this NOI? Yes No
6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3.Coastal Resource Areas: (See 310 CMR 10.25 - 10.35)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Designated Port Areas	Indicate size under	Land under the ocean below,
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes, below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab, crea.
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	
4.Restoration/Enhancement		
<input type="checkbox"/> Restoration/Replacement		



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:450045
City/Town:AMHERST

If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please entered the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5. Projects Involves Stream Crossings

Project Involves Streams Crossings

If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.

a. number of new stream crossings

b. number of replacement stream crossings



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:450045
City/Town:AMHERST

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage of Endangered Species program (NHESP)?

a. Yes No

If yes, include proof of mailing or hand delivery of
NOI to:

Natural Heritage and Endangered Species
Program
Division of Fisheries and Wildlife
Route 135, North Drive
Westborough, MA 01581

b. Date of map: OLIVER GIS, 2/8/12

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18)....

c. Submit Supplemental Information for Endangered Species Review * (Check boxes as they apply)

1. Percentage/acreage of property to be altered:

(a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. Assessor's Map or right-of-way plan of site

3. Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

a. Project description (including description of impacts outside of wetland resource area & buffer zone)

b. Photographs representative of the site

c. MESA filing fee (fee information available at:

http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_home.htm)

Make check payable to "Natural Heritage & Endangered Species Fund" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

d. Vegetation cover type map of site

e. Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the following

1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing.

a. NHESP Tracking Number

b. Date submitted to NHESP

3. Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review...

2. For coastal projects only, is any portion of the proposed project located below the mean high waterline or in a fish run?



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:450045
 City/Town:AMHERST

- a. Not applicable - project is in inland resource area only
 b. Yes No

If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to RhodeIsland, and the Cape & Islands: North Shore - Hull to New Hampshire:

Division of Marine Fisheries - Southeast Marine Fisheries Station
 Attn: Environmental Reviewer
 12143 Purchase street - 3rd floor
 New Bedford, MA 02740-6694

Division of Marine Fisheries - North Shore Office
 Attn: Environmental Reviewer
 30 Emerson Avenue
 Gloucester, MA 01930

If yes, it may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional office.

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

- a. Yes No

If yes, provide name of ACEC (see instructions to WPA Form 3 or DEP Website for ACEC locations).
Note: electronic filers click on Website.

b. ACEC Name

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

- a. Yes No

5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L.c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L.c. 130, § 105)?

- a. Yes No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

- a. Yes, Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05 (6)(k)-(q) and check if:

1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol.2, Chapter 3)
2. A portion of the site constitutes redevelopment
3. Proprietary BMPs are included in the Stormwater Management System

- b. No, Explain why the project is exempt:

1. Single Family Home
2. Emergency Road Repair
3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department by regular mail delivery.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:450045
 City/Town:AMHERST

Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)

- 2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s). Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

a. Plan Title: b. Plan Prepared By: c. Plan Signed/Stamped By: d. Revised Final Date: e. Scale:

?SUBSURFACE SEWAGE DISPOSAL PLAN IN AMHERST, MASS, FOR AMHERST BUILDING COMPANY, LLC, FERRY LOT, LEVERETT ROAD?	MACLEAY ASSOCIATES, INC.	DOUGLAS J. MACLEAY	2/14/12	1"=40'
LIST OF ABUTTERS, DRAFT ABUTTER NOTICE	CHARLES H. DAUCHY			
PROJECT SUMMARY AND COMPLIANCE WITH PERFORMANCE STANDARDS	CHARLES H. DAUCHY			
2005 ?NOT ADVERSELY AFFECT? LETTER FROM NHESP	NHESP	THOMAS W. FRENCH	12/16/05	
ORTHO-PHOTO SHOWING WORK UNDER ORIGINAL ORDER	AMHERST GIS		April, 2009	
AFFIDAVIT REGARDING VIDEOS OF DRY STREAM	KEVIN OTTO	KEVIN OTTO	2/8/12	
PROOF OF MAILING TO NATURAL HERITAGE & ENDANGERED SPECIES PROGRAM				
DVD SHOWING DRY STREAM	KEVIN OTTO		July 6, 7, 8, & 9, 2010	

- 5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
- 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
- 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
- 8. Attach NOI Wetland Fee Transmittal Form.
- 9. Attach Stormwater Report, if needed.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:450045
 City/Town:AMHERST

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number <u>4471</u>	3. Check date <u>2/8/12</u>
4. State Check Number <u>Paid online with eNOI</u>	5. Check date <u>otto</u>
6. Payer name on check: First Name <u>Kevin</u>	7. Payer name on check: Last Name <u>otto</u>

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

<u>Kevin J. Otto</u> Applicant	<u>2/8/12</u> 2. Date
<u>Kevin J. Otto</u> Owner	<u>2/8/12</u> 4. Date
<u>[Signature]</u> Representative	<u>2/28/12</u> 6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in Section C, Items 1-3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:450045
City/Town:AMHERST



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Wetland Fee Transmittal
Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Are you exempted from Fee? (YOU HAVE SELECTED 'NO')

Note: Fee will be exempted if you are one of the following:

- City/Town/County/District
- Municipal Housing Authority
- Indian Tribe Housing Authority
- MBTA

State agencies are only exempt if the fee is less than \$100

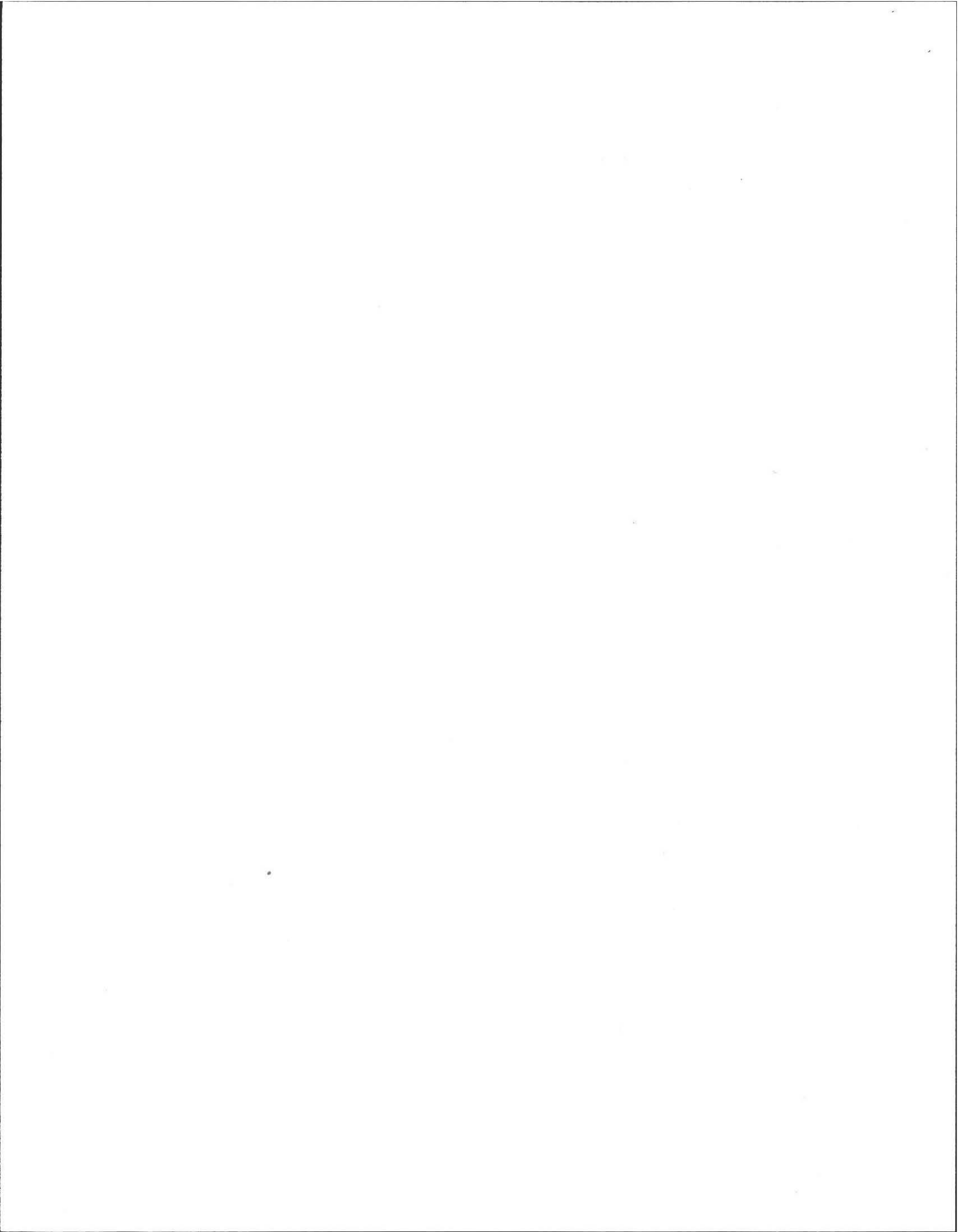
Fees

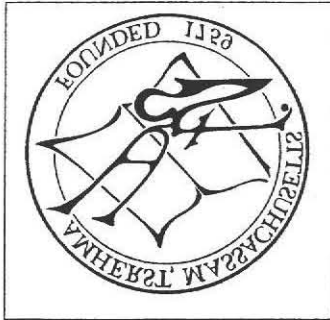
Activity Type	Activity Number	Activity Fee	RF Multiplier	Sub Total
A.) WORK ON SINGLE FAMILY LOT; ADDITION, POOL, ETC.;	1	110.00	RFA MULTIPLIER 1.5	165.00
A.) CONSTRUCTION OF SINGLE FAMILY HOUSE;	1	500.00		500.00

City/Town share of filing fee	State share of filing fee	Total Project Fee
\$345.00	\$320.00	\$665.00

LOCUS MAP, ASSESSORS MAP 3A, PARCEL 2







AMHERST MASSACHUSETTS

TOWN OF AMHERST
4 BOLTWOOD AVENUE
AMHERST, MA. 01002

ASSESSORS OFFICE
Phone (413) 259-3024
Fax No: (413) 259-2401
Email: assessors@amherstma.gov

MAP: 3A

PARCEL: 2

APPLICANT: KEVIN OTTO

DATE: JANUARY 10, 2012

AMHERST BOARD OF ASSESSORS
AMHERST, MA

CONSERVATION COMMISSION
TOWN OF AMHERST
AMHERST, MA 01002

CERTIFIED LIST OF ABUTTERS

The Assessor's Office, Town of Amherst, hereby certifies the attached list of names and addresses. This list reflects the current names and addresses as they appear in our records as of January 1, 2011.

This list is only valid for a period of thirty (30) days from the date of certification by the Assessor.



DAVID W. BURGESS
Principal Assessor

ASSESSOR'S COPY
CONSERVATION'S COPY
APPLICANT'S COPY

Town of Amherst Abutter List

<i>Parcel ID</i>	<i>Parcel Address</i>	<i>Owner1</i>	<i>Owner2</i>	<i>Address</i>	<i>CityStZip</i>
3A-23	LEVERETT RD	AMHERST REAL PROPERTIES LLC	C/O DAINTREE ADVISORS LLC	P O BOX 52570	BOSTON, MA 02205
3A-22	LEVERETT RD	AMHERST REAL PROPERTIES LLC	C/O DAINTREE ADVISORS LLC	P O BOX 52570	BOSTON, MA 02205
3A-21	LEVERETT RD	AMHERST REAL PROPERTIES LLC	C/O DAINTREE ADVISORS LLC	P.O. BOX 52570	BOSTON, MA 02205
3A-3	LEVERETT RD	GUSTIN,MARSHALL S & ELIZABETH L		76 WINTHROP ST	MEDWAY, MA 02053
3A-11	LEVERETT RD	POCOMO ROAD NOMINEE TRUST	C/O TOZLOSKI, BARRE TRUSTEE	312 LEVERETT RD	AMHERST, MA 01002
3A-10	LEVERETT RD	POCOMO ROAD NOMINEE TRUST	C/O TOZLOSKI, BARRE TRUSTEE	312 LEVERETT RD	AMHERST, MA 01002
3A-7	LEVERETT RD	POCOMO ROAD NOMINEE TRUST	C/O TOZLOSKI, BARRE TRUSTEE	312 LEVERETT RD	AMHERST, MA 01002
3A-9	LEVERETT RD	POCOMO ROAD NOMINEE TRUST	C/O TOZLOSKI, BARRE TRUSTEE	312 LEVERETT RD	AMHERST, MA 01002
3A-6	LEVERETT RD	POCOMO ROAD NOMINEE TRUST	C/O TOZLOSKI, BARRE TRUSTEE	312 LEVERETT RD	AMHERST, MA 01002
3A-8	LEVERETT RD	POCOMO ROAD NOMINEE TRUST	C/O TOZLOSKI, BARRE TRUSTEE	312 LEVERETT RD	AMHERST, MA 01002
3A-2	LEVERETT RD	WISOTZKY, MARK	OTTO, KEVIN	44 LILAC LN	AMHERST, MA 01002
3A-4	207 LEVERETT RD	FERRY, EDWARD M & ELIZABETH K		207 LEVERETT RD	AMHERST, MA 01002
3A-50	260 LEVERETT RD	POCOMO ROAD NOMINEE TRUST	C/O TOZLOSKI, BARRE TRUSTEE	312 LEVERETT RD	AMHERST, MA 01002
3A-101	265 LEVERETT RD	HOCHMAN, JERE I & JOSETTE M		P.O. BOX 188	BEDFORD HILLS, NY 10507

<i>Parcel_ID</i>	<i>Parcel_Address</i>	<i>Owner1</i>	<i>Owner2</i>	<i>Address</i>	<i>CityStZip</i>
3A-100	269 LEVERETT RD	HIGGINS, PAUL R		P.O. BOX 4438	MIDDLETOWN, RI 02842
3A-99	273 LEVERETT RD	HIGGINS, PAUL R & SUE R		P.O. BOX 4438	MIDDLETOWN, RI 02842
3A-98	275 LEVERETT RD	NORDTVEIT, BJORN HARALD		275 LEVERETT RD	Amherst, MA 01002
3A-97	281 LEVERETT RD	MCCABE, MICHELE		281 LEVERETT RD	AMHERST, MA 01002

NOTIFICATION TO ABUTTERS

Under the Massachusetts Wetlands Protection Act
and Town of Amherst, Wetlands Protection Bylaw

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the Town of Amherst, Wetlands Protection Bylaw, you are hereby notified of the following:

- A. A Notice of Intent has been filed with the Conservation Commission for the Town of Amherst under the Wetlands Protection Act (General Laws Chapter 131, Section 40), and the Amherst Wetland Protection Bylaw, proposing to: Construct single family home.
- B. The location of the property where the activity is proposed is: Leverett Road, Assessors Map 3A, Parcel 2
- C. The name of the applicant is Kevin Otto
- D. Copies of the Notice of Intent and Plan may be examined at the office of the Amherst Department of Conservation Services, Town Hall, second floor
For more information on the matter, call:
the applicants representative, Charles H. Dauchy, at (413) 548-8005 or
the Amherst Department of Conservation Services, at (413) 259-3045 .
- E. Copies of the Notice of Intent may be obtained from the applicant's representative, Charles H. Dauchy, Environmental Consultant, by calling (413) 548-8005. Leave message with name, address, and phone (there will be a charge for reproduction and mailing).
- F. A Public Hearing on the matter will be held on: Wednesday, March 14, 2012, at a time to be announced in the newspaper in the Town Room , second floor, Town Hall, Amherst

Additional information regarding the hearing can be obtained by calling the Amherst Conservation Commission, during normal business hours, at 259-3045.

- * Notice of the public hearing, including its date, time and place, will be published at least five (5) days prior in the Daily Hampshire Gazette
- * Notice of the public meeting will be posted in the Town Hall not less than forty-eight (48) hours in advance of the meeting date.
- * You also may contact the Department of Environmental Protection Office Western Region Office for more information about this application or the Wetlands Protection Act at: (413) 784 -1100

PROJECT SUMMARY AND COMPLIANCE WITH PERFORMANCE STANDARDS

BACKGROUND & PROJECT SUMMARY: The proposed work consists of construction of a single family house on the outer edge of the 100 ft. Buffer zone, with associated driveway, septic system, well, utility service, grading, erosion controls, and site stabilization. The work was previously permitted in 2006 (DEP file#89-494, NHESP tracking #05-18976). Work was begun, but not completed before expiration of the Order of Conditions. The original order was based on the Amherst Conservation Commission's determination that the adjacent stream was intermittent within the site and on the upstream and downstream properties. Due to the expiration of the original determinations and order, and a subsequent order (DEP file#89-0558) on property across the street, which did not attempt to defeat the perennial presumption, the front portion of the subject site is now presumed to be Riverfront Area. The previously approved septic system location and partially constructed driveway are within the presumed Riverfront Area. The originally approved plan has now been revised to relocate the driveway to the outer edge of the Riverfront Area and restore the existing driveway area to native vegetation.

A 50' buffer of existing natural vegetation will be preserved, except for a small area where the existing driveway culvert will be removed in conjunction with removal of the existing driveway. A silt fence will be installed along the work limit, replacing the original silt fence.

RESOURCE AREA DELINEATION:

The Bordering Vegetated Wetland and Bank of the intermittent stream adjacent to the project area was originally flagged by Charles H. Dauchy, MFS, PWS, in 2005, and reviewed and approved by the Amherst Conservation Commission at that time. The boundary flagging has been renewed and re-checked. There are no changes from the original delineation.

The Riverfront Area (presumed) is delineated as an arc of 200 feet radius, centered on the downstream end of the culvert under Leverett Road. The culvert and the stream on the subject property, and 200 feet upstream of the property are shown to be dry in the accompanying videos. The videos were taken on 4 days in July, 2010, when it was not a period of extended drought. The dry stream was also observed by Stephanie Ciccarello, Wetlands Administrator at the time.

We request that when the Conservation Commission issues its Order of Conditions, it specifically allows for amendment of the Order to re-classify the stream downstream of Leverett Road, if appropriate evidence is submitted, once the Order governing the downstream property expires.

COMPLIANCE WITH 310 CMR 10.58(4) - RIVERFRONT AREA

Work within the presumed Riverfront Area consists of:

1. Removal of the existing driveway culvert and gravel drive, and restoration of the area with topsoil and native vegetation.
2. Construction of a new driveway as shown on the plan.
3. Construction of the previously approved septic system, with associated fill and site stabilization.
4. Re-vegetation of at least 6000 sq. ft. of disturbed area with native vegetation.

(a) Protection of other resource areas: The work shall meet the performance standards for all other resource areas within the riverfront area. There is no other resource area

(b) Protection of Rare Species: Construction on the site was previously approved by the Natural Heritage & Endangered Species Program, Tracking #05-18976. A copy of this Notice of Intent has been sent to NHESP for review.

(c) No Practicable or Substantially Equivalent Economic Alternatives with less adverse effects:

1. Driveway Location: The drive is being relocated to as far from the "River" as is practicable. A utility pole and AT&T easement and access manhole make it impractical to move the drive any further north.
2. Septic System: The location of the system is as previously approved. The location was determined by the design engineer based on satisfactory soil evaluations, provision of gravity flow, and the need to observe required setbacks from wells.

(d) No Significant Adverse Impact:

1. Alteration of up to 5000 sq. ft. or 10% of the Riverfront Area, whichever is greater. The proposed work alters approximately 10883 sq. ft. of the total 23888 sq. ft. of Riverfront Area on the property. This includes the removal and restoration of the current driveway. Except for the new driveway and the upper part of the fill for the leaching system, the balance of the area can be seeded to native species and managed for wildlife habitat, keeping the permanently altered habitat at less than 5000 sq. ft. In view of the history of prior approval, and a prior determination that the stream below the culvert also is intermittent, we request that the Conservation Commission consider this to comply with the standard.

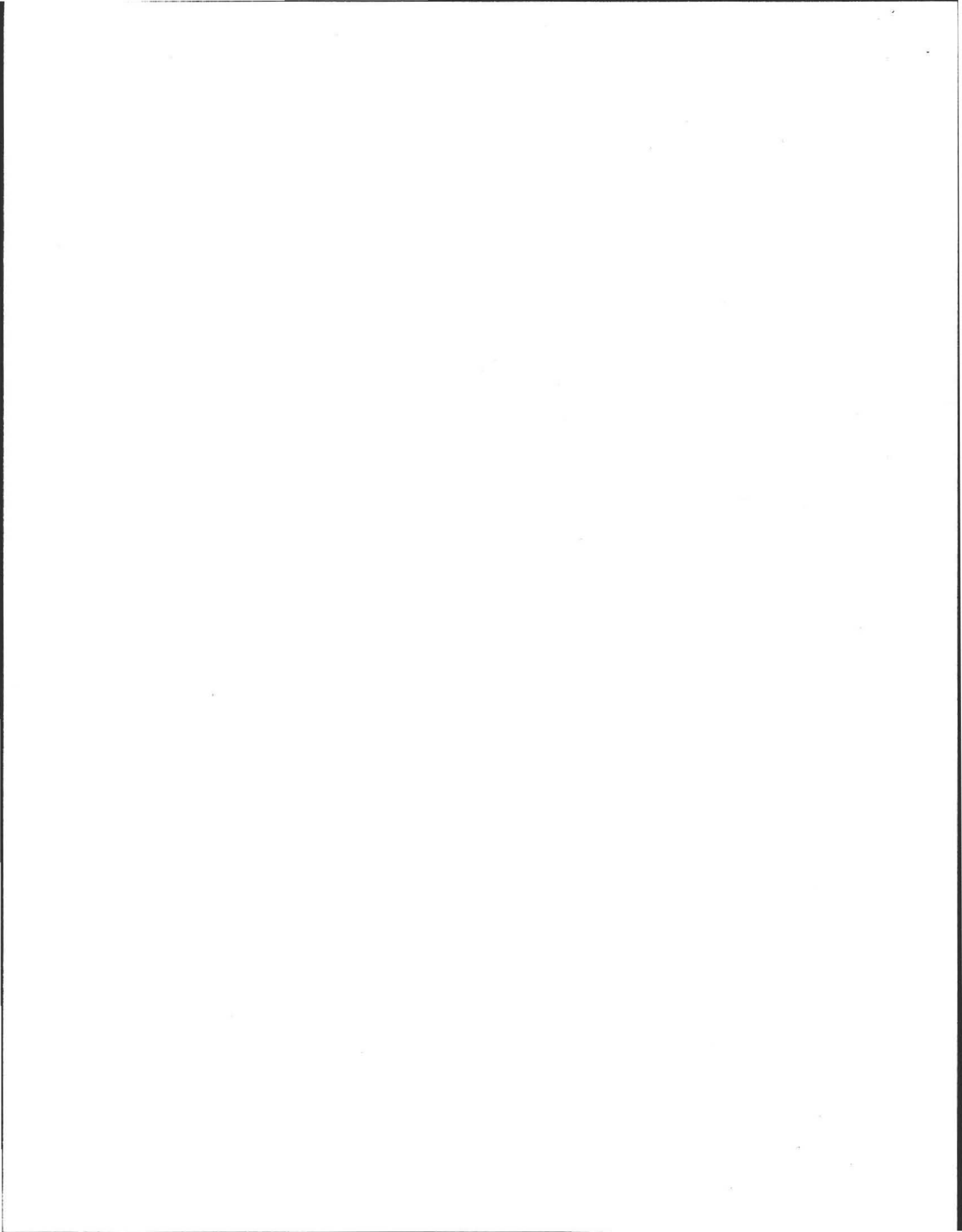
a. A 100 ft. wide area of undisturbed vegetation: There will be no alteration within 100 feet of the presumed river.

b. Storm-water management provided per DEP standards: Not applicable. The project is a single family home.

c. "Proposed work does not impair the capacity of the riverfront area to provide important wildlife habitat functions.": The work will temporarily alter 10883 sq. ft. of Riverfront Area, however the majority of the area will be restored to native vegetative cover. The work will therefore not impair the wildlife habitat function of the RFA.

d. "Proposed work shall not impair the groundwater or surface water quality measures to attenuate non-point source pollution." A silt fence will be installed and maintained between work areas and the wetlands during construction and until the site is re-vegetated and stabilized.. The septic system is over 100 feet from the wetlands or stream bank and complies with Title V. A 50' wide natural upland buffer is provided between any lawn area and the wetlands.

2. *Within 25 ft Riverfront area:* Not Applicable
3. *Single family residential Lot recorded before 8/7/96:* Not applicable
4. *Commercial Lot recorded before 8/7/96:* Not Applicable.





- Property Map
- Aerial Property Lines
 - Easements
- Basemap
- Trails
- Streets
- Local Roads
 - Major Roads
 - State Routes
- MHD Roads
- Limited Access Hwy
 - Multi-lane Hwy, not II
 - Other Numbered Hwy
 - Major Road, Collector
 - Minor Road, Arterial

CLEARING FOR HOUSE SITE

GRAVEL DRIVE

SILT FENCE

LEVERITT RD

WORK BEGUN UNDER 2006 ORDER OF CONDITIONS

Horizontal Datum: MA Stateplane Coordinate System, Zone 4151, Datum NAD83, Feet
 Vertical Datum: NAVD88, Feet

Planimetric & topographic basemap features compiled at 1"=40' scale from April, 2009 Aerial Photography. Parcels compiled to match the basemap; revisions are ongoing.

The information depicted on this map is for planning purposes only. It may not be adequate for legal boundary definition, regulatory interpretation, or property conveyance purposes. Utility structures and underground utility locations are approximate and require field verification.

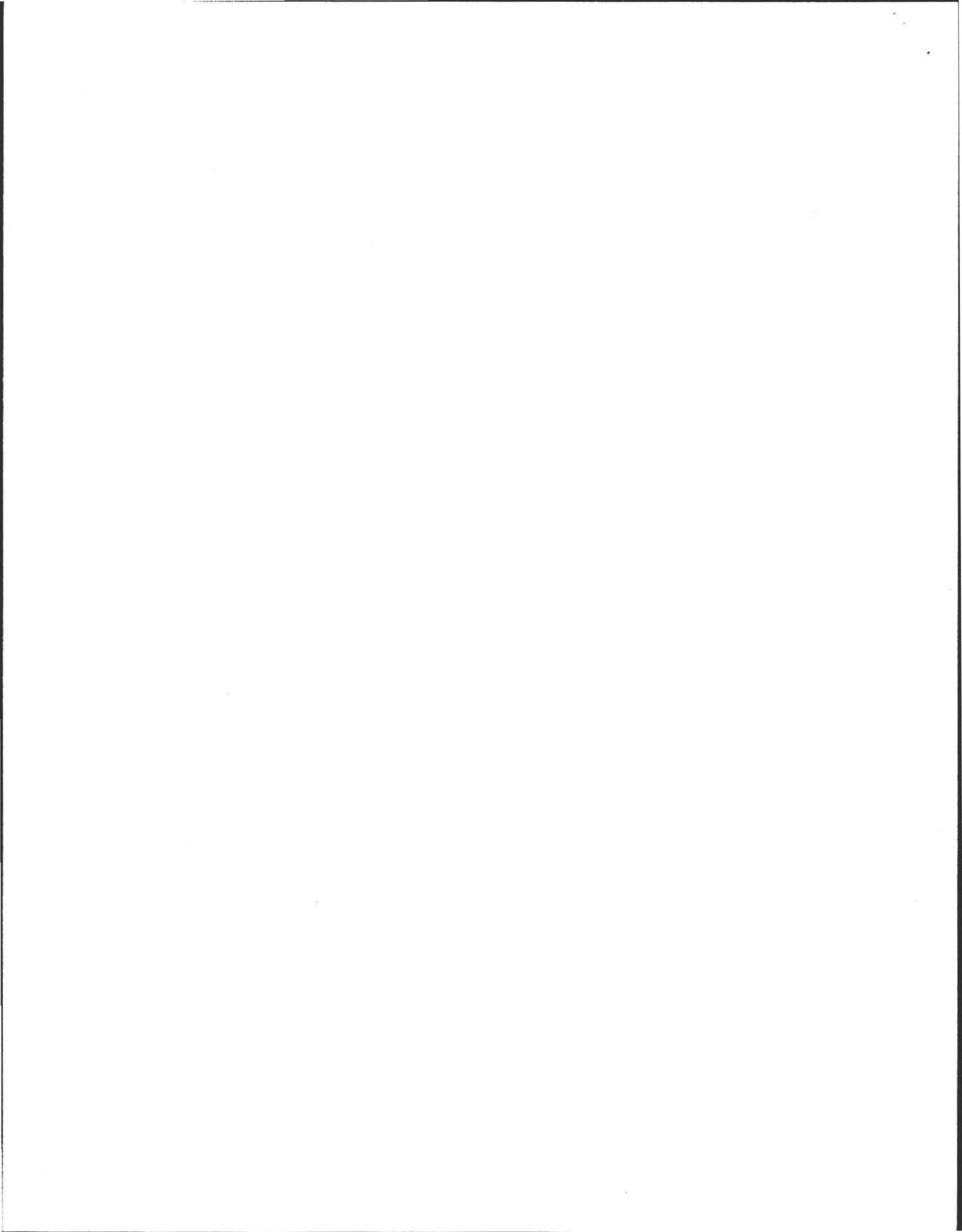
THE TOWN OF AMHERST MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY, OR SUITABILITY OF THESE DATA. THE TOWN OF AMHERST DOES NOT ASSUME ANY LIABILITY ASSOCIATED WITH THE USE OR MISUSE OF THIS INFORMATION.

1" = 50 ft



Amherst GIS Viewer January 20, 2012

EXHIBIT 4





MassWildlife

Commonwealth of Massachusetts

EXHIBIT 5

Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

December 16, 2005

Amherst Conservation Commission
Town Hall
4 Boltwood Avenue
Amherst, MA 01002

RE: Applicant: Amherst Building Company
 Project Location: Leverett Road
 Project Description: Construction of single family house
 NHESP Tracking No. 05-18976

Dear Commissioners:

The applicant listed above has submitted a Notice of Intent with site plans (dated November 21, 2005) to the Natural Heritage & Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries & Wildlife, in compliance with the rare wildlife species section of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.59), for the subject project.

Based on a review of the information that was provided and the information that is currently contained in our database, the NHESP has determined that this project, as currently proposed, will **not** adversely affect the actual habitat of state-protected rare wildlife species.

Please note that this determination addresses only the matter of **rare** wildlife habitat and does not pertain to other wildlife habitat issues that may be pertinent to the proposed project.

Sincerely,

Thomas W. French, Ph.D.
Assistant Director

cc: Amherst Building Company - Applicant
 Charles H. Dauchy -Environmental Consultant
 DEP Western Regional Office, Wetlands Program

www.masswildlife.org

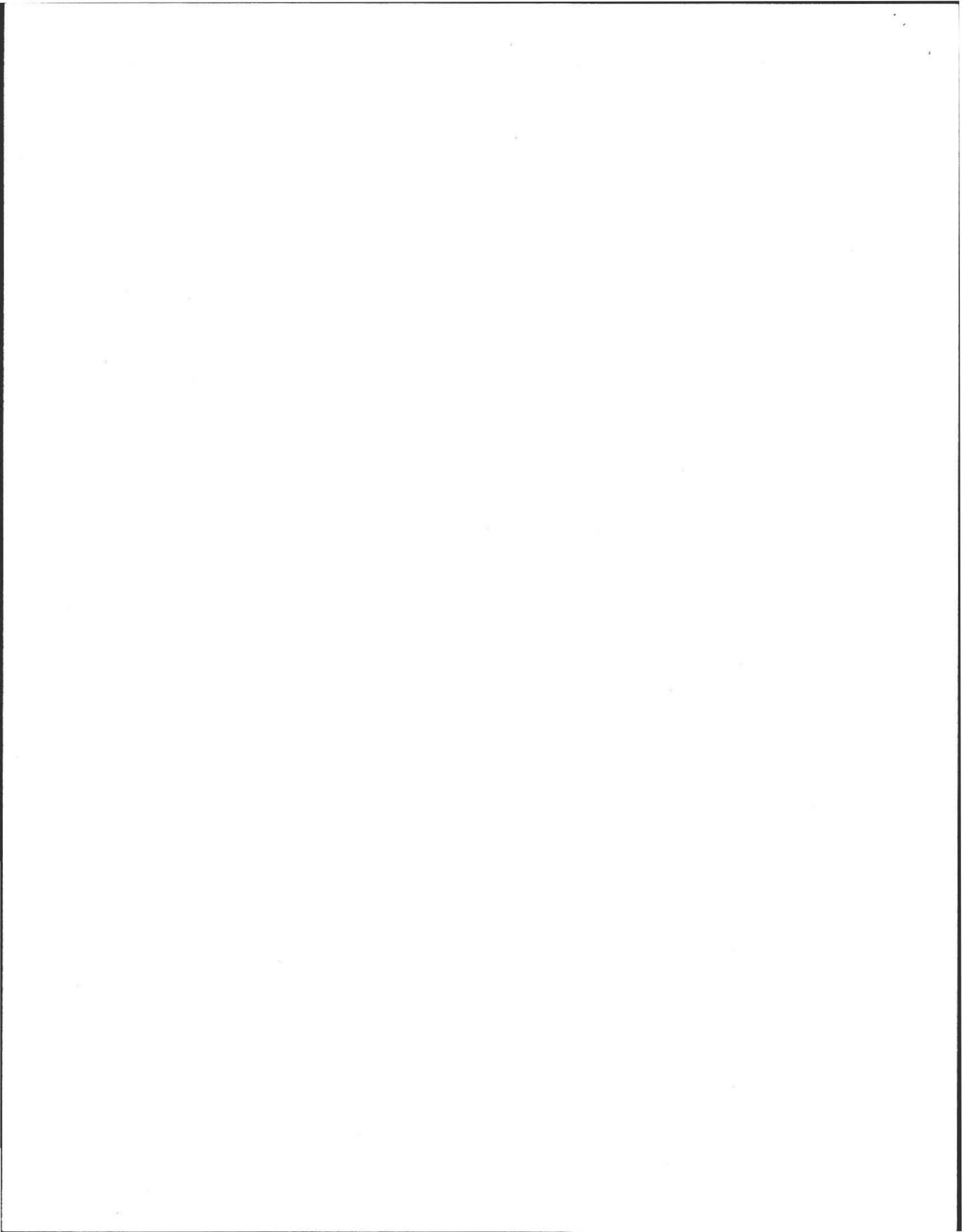


EXHIBIT 6

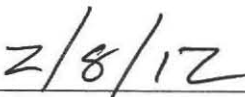
To the Amherst Conservation Commission:

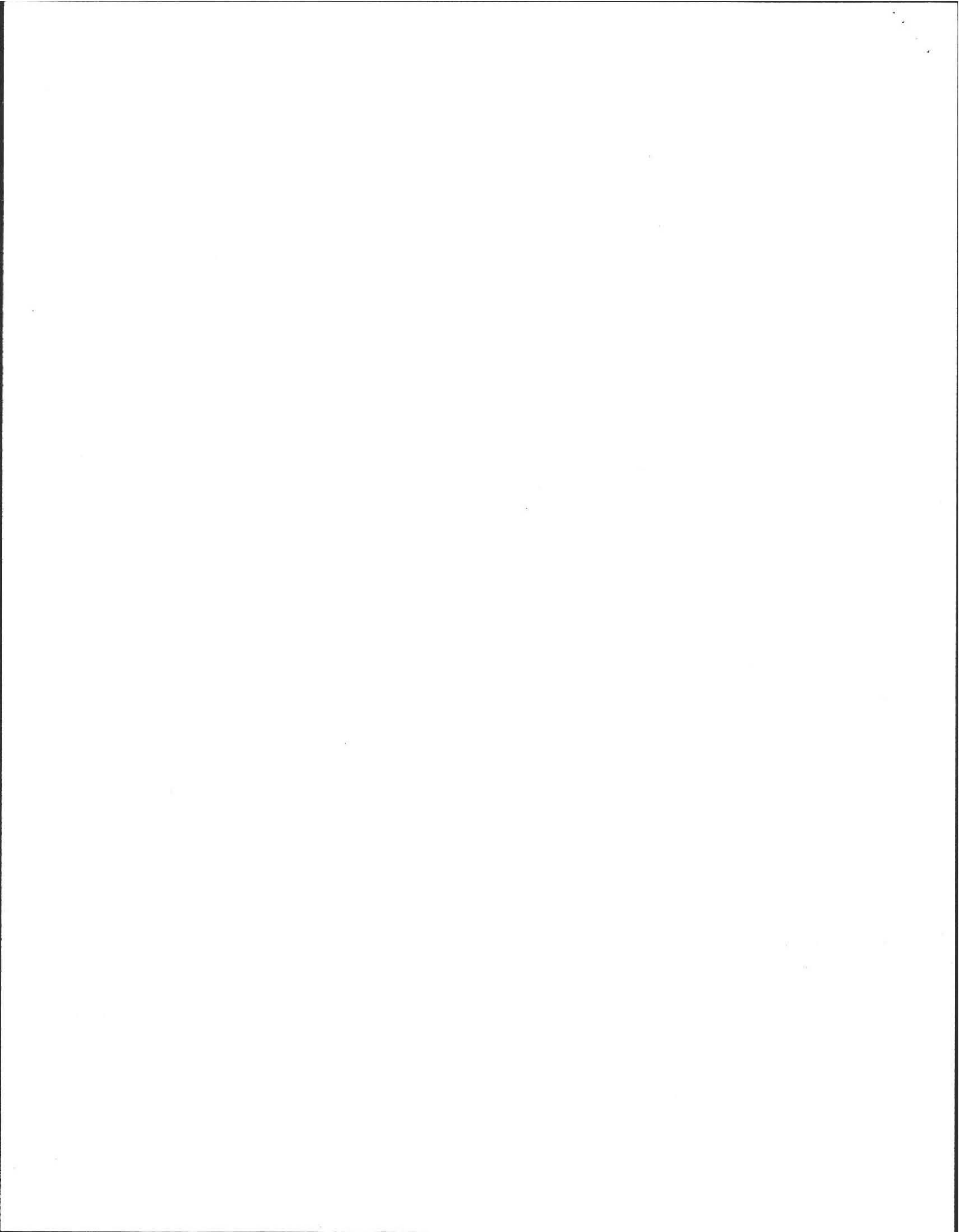
I, Kevin Otto, do hereby attest under the pains and penalties of perjury that on July 6, 7, 8, and 9, 2010, I personally walked the stream on the southerly and easterly boundary of the lot on Leverett Road, known as Assessors Map 3A, Lot 2, and upstream and downstream of the property, and recorded the following video files which are to be found on the accompanying DVD:

Otto/07_06_10/617PM.MP4
Otto/07_06_10/622PM.MP4
Otto/07_06_10/624PM.MP4
Otto/07_07_10/501PM.MP4
Otto/07_07_10/604PM.MP4
Otto/07_08_10/1018AM.MP4
Otto/07_08_10/1021AM.MP4
Otto/07_08_10/1027AM.MP4
Otto/07_09_10/502PM.MP4
Otto/07_08_10/504PM.MP4

There was no flow of water in the stream during my observations. The few small pools of water observed were stagnant, with no flow between.


Signature


Date



PROOF OF MAILING TO NATURAL HERITAGE & ENDANGERED SPECIES PROGRAM

7009 0960 0000 7197 5996

U.S. Postal ServiceTM
CERTIFIED MAILTM **RECEIPT**
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

WESTBOROUGH MA 01581

OFFICIAL USE

Postage	\$ 1.90	0375
Certified Fee	\$2.95	
Return Receipt Fee (Endorsement Required)	\$2.35	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 7.20	

Sent To: NHESP
 Street, Apt. No., or PO Box No.: MA Div. of Fisheries & Wildlife
 City, State, ZIP+4: Route 135, North Drive Westborough, MA 01581

PS Form 3800, August 2006 See Reverse for Instructions

