

No. _____ THE COMMONWEALTH OF MASSACHUSETTS FEE _____

BOARD OF HEALTH
TOWN OF WEST TISBURY

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT

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

15 PINE LANE Location AP 10-268 Map/Parcel # LOT 14 Lot # Installer's Name Address Telephone #	ROBERT J. MURPHY Owner's Name 71 VINEYARD MEADOWS FARMS RD Address WEST TISBURY MASS 02568 VINEYARD HAVEN Telephone # SMITH & DOWLING Designer's Name PO BOX 1087 Vt MA 02568 Address 693-4150 Telephone #
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Type of Building: RESIDENTIAL Lot Size 61,559 Sq. feet
Dwelling - No. of Bedrooms FIVE (5) Garbage Grinder ()
Other - Type of Building _____ No. of persons _____ Showers (), Cafeteria ()
Other fixtures _____

Design Flow (min. required) 550 gpd Calculated design flow 655 gpd Design flow provided _____ gpd

Plan: Date 7-10-17 Number of sheets 1 Revision Date _____

Title INDIVIDUAL SEWAGE DISPOSAL SYSTEM FOR A PROPOSED 5-BEDROOM HOUSE...

Description of Soil(s) SEE ATTACHED PLAN

Soil Evaluator Form No. 11 Name of Soil Evaluator D. DOWLING Date of Evaluation 6-1-17

DESCRIPTION OF REPAIRS OR ALTERATIONS

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

Signed [Signature] PE, PLS AGENT Date 7-17-17

Inspections

FORM 1 - APPLICATION FOR DSCP DEP APPROVED FORM 5/96

No. _____ THE COMMONWEALTH OF MASSACHUSETTS FEE _____

WEST TISBURY BOARD OF HEALTH
CERTIFICATE OF COMPLIANCE

Description of Work: Individual Component(s) Complete System

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

by ROBERT J. MURPHY

at 15 PINE LANE AP 10-268

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. _____ dated _____ Approved Design Flow _____ (gpd)

Installer _____

Designer: SMITH & DOWLING Inspector _____ Date _____

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

FORM 3 - CERTIFICATE OF COMPLIANCE DEP APPROVED FORM 5/96

ROBERT J. MURPHY

No. _____ THE COMMONWEALTH OF MASSACHUSETTS FEE _____

WEST TISBURY BOARD OF HEALTH

DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permission is hereby granted to Construct (X) Repair () Upgrade () Abandon () an individual sewage disposal system at 15 PINE LANE AP 10-268 as described

in the application for Disposal System Construction Permit No. _____ dated _____

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

Date _____ Board of Health _____


FORM 2 - DSCP DEP APPROVED FORM 5/96

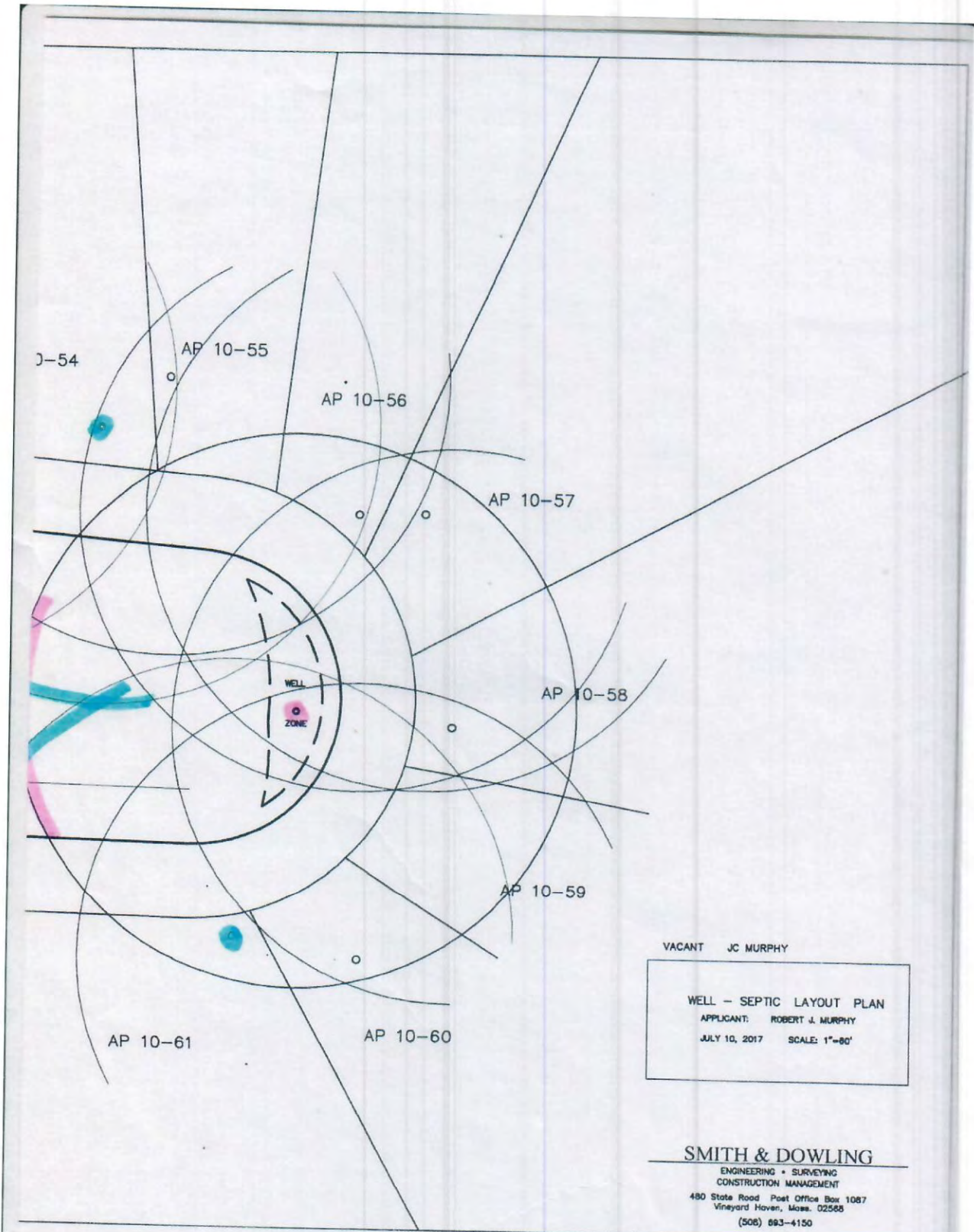
COPY

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NOTES

1. Elevations refer to ASSUMED DATUM.
Benchmark (BM) is shown on plan. ELEV.= 108.87
2. Soil tests performed in accordance with the Massachusetts State Environmental Code (Title 5 Regulations).
3. All construction to conform to the Massachusetts State Environmental Code (Title 5) and the local Board of Health Requirements.
- **4. All topsoil, subsoil and deleterious material, if any, must be removed from beneath the proposed leaching facility and for a distance of 5 feet from all directions therefrom and to a depth 6 inches into the level of the natural permeable soil. Backfill, as required, with a clean gravel or sand material, free from fines, clay, organic matter, and large boulders, having a percolation rate, in its original location and after placement, of 2 minutes per inch or less. ** (SEE EXCAVATION & FILL DETAIL ON PLOT PLAN) **
5. The design-engineer does not warrant the character of the ground (e.g. boulders and ledge) or the location of pipes or other underground structures.
- ~~6. All washed stone in the leaching field must be double washed in accordance with 310CMR 15.247.~~
7. Tight joint piping to consist of Polyvinyl Chloride pipe (PVC), Schedule 40 unless otherwise noted. All joints between concrete and piping to be made watertight.
8. Finished grading to be done in accordance with Plot Plan and Schedule of Elevations.
9. Heavy machinery shall not be permitted to pass over the leaching facility during or after construction.
10. No permanent structure may be constructed over the 100% expansion area.
11. SMITH & DOWLING will not be responsible for the performance of this system, unless constructed as shown. Any alterations must be approved in writing by design engineer.
12. The local Board of Health shall require inspection of all construction by the design-engineer or by an agent of the Board of Health, and require such person to certify in writing that all the work has been completed in accordance with the terms of the permit and the approved plans.
13. For proper performance, the septic tank should be checked at least once a year.
14. All proposed setbacks shown must be confirmed with the Zoning/Building Inspector and with any Covenants or Deed Restrictions of record PRIOR TO ANY CONSTRUCTION.
15. No water supply wells could be located within 150 feet of the proposed leaching facility and no abutting septic systems could be visually located within 150 feet of any proposed well; except as shown.
16. Any soils found during construction of the proposed system that differ from the SOIL DATA shown, must be reported to the DESIGN-ENGINEER prior to any additional work on the installation.

<p style="text-align: center;">APPLICANT</p> <p>ROBERT J. MURPHY 71 VINEYARD MEADOWS FARMS ROAD VINEYARD HAVEN, MA 02568</p>	<p style="text-align: center;">INDIVIDUAL SEWAGE DISPOSAL SYSTEM FOR A PROPOSED</p> <p style="text-align: center;">5-BEDROOM HOUSE LOT 14 MURPHY PLAN 15 PINE LANE WEST TISBURY, MASS.</p>
<p>REVISIONS DATE CK'D BY</p>	<p>(A.P. 10-268)</p>
<p>DATE: 7-10-17 DESIGNED BY: D.O.D. CHECKED BY: D.O.D. SHEET 1/1</p>	
	<h3 style="margin: 0;">SMITH & DOWLING</h3> <p style="margin: 0;">ENGINEERING ♦ SURVEYING ♦ CONSTRUCTION MANAGEMENT ♦</p> <p style="margin: 0;">480 State Road Post Office Box 1087 Vineyard Haven, Mass. 02568</p> <p style="margin: 0;">(508) 693-4150</p>



VACANT JC MURPHY

WELL - SEPTIC LAYOUT PLAN
APPLICANT: ROBERT J. MURPHY
JULY 10, 2017 SCALE: 1"=80'

SMITH & DOWLING
ENGINEERING • SURVEYING
CONSTRUCTION MANAGEMENT
480 State Road Post Office Box 1087
Vineyard Haven, Mass. 02568
(508) 693-4150

Location Address or Lot No. 15 PINE LANE

On-site Review

Deep Hole Number 1 Date: 6-1-17 Time: 2pm Weather clear 75°
 Location (identify on site plan) _____
 Land Use RESIDENTIAL Slope (%) Surface Stones
 Vegetation WOODED
 Landform RACING HILL
 Position on landscape (sketch on the back) _____
 Distances from:
 Open Water Body _____ feet Drainage way _____ feet SEE PLAN
 Possible Wet Area _____ feet Property Line _____ feet
 Drinking Water Well _____ feet Other _____ feet

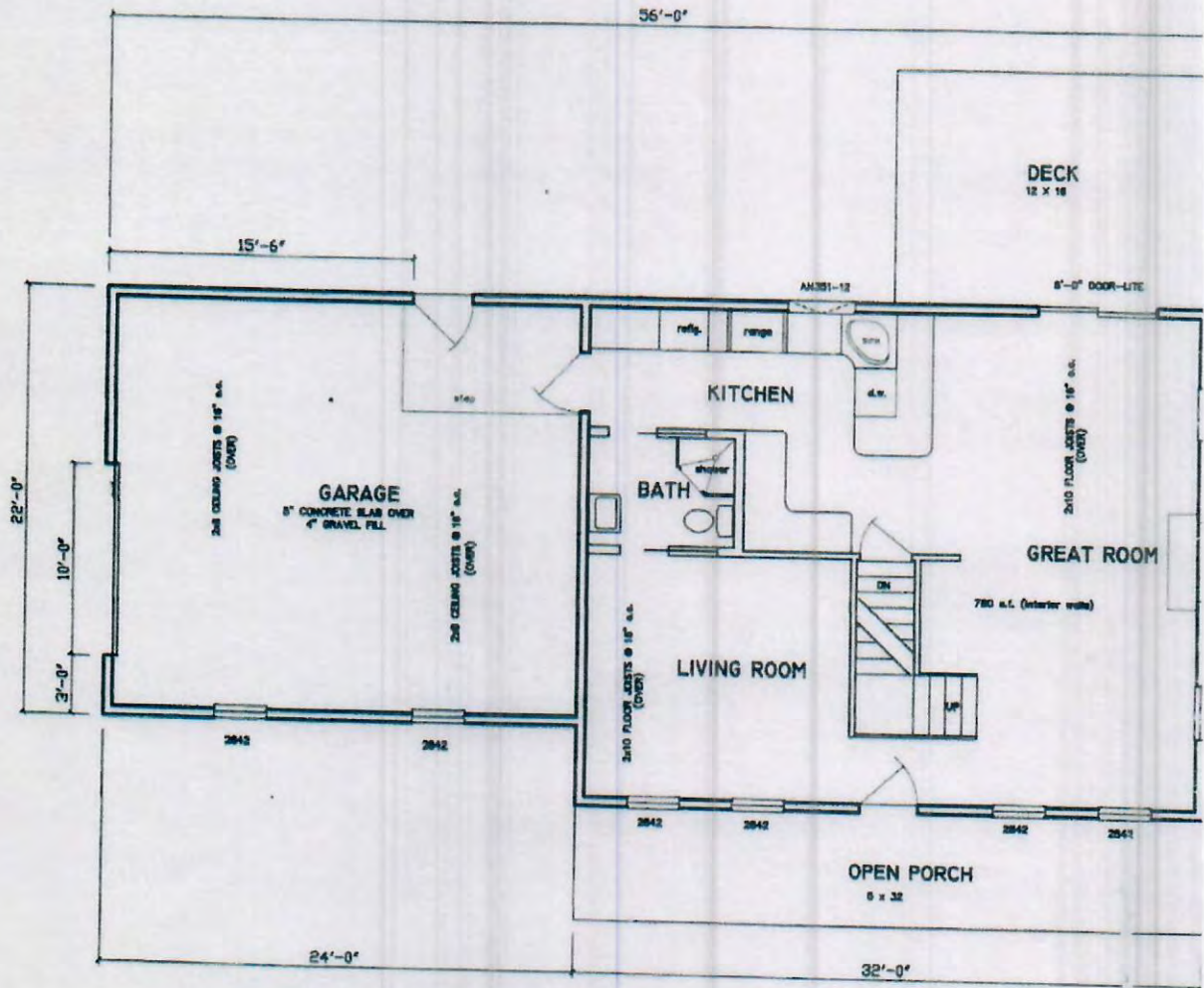
DEEP OBSERVATION HOLE LOG*

Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0-6"	A	WOODS LOAM	10YR 4/3		
6-26"	B ₁	CLAYEY LOAM	10YR 6/8		
26-52"	B ₂	SANDY LOAM	10YR 6/4		
52-120"	C ₁	GRAVELLY SAND	5YR 6/4		w/ boulders

* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) OUTWASH Depth to Bedrock: 800' +
 Depth to Groundwater: Standing Water in the Hole: _____ Weeping from Pit Face: _____
 Estimated Seasonal High Ground Water: 92' BELOW SURFACE





FIRST FLOOR PLAN

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO ALL MASSACHUSETTS, COUNTY, AND LOCAL BUILDING, ZONING, AND ENERGY CODES, AND ALL SUCH CODES SHALL SUPERCEDE THESE DRAWINGS.
2. ALL PLUMBING AND ELECTRICAL WORK SHALL CONFORM TO ALL STATE AND LOCAL CODES AND SHALL BE INSPECTED AND APPROVED AS REQUIRED.
3. THE ARCHITECT'S OR ENGINEER'S APPROVAL APPLIES ONLY TO THIS PLAN'S STRUCTURAL CONFORMANCE WITH THE MASSACHUSETTS BUILDING CONSTRUCTION CODES. THE CONTRACTOR IS TO VERIFY ALL CONDITIONS AND DIMENSIONS BEFORE STARTING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR SAME.
4. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL (2 TONS P.S.F. CAPACITY MIN.)
5. ALL CONCRETE SHALL BE 2500 P.S.I. AT 28 DAYS, MINIMUM.
6. DOUBLE ALL JOISTS AROUND OPENINGS AND UNDER ALL PARTITIONS RUNNING PARALLEL TO THE DIRECTION OF THE JOISTS, OR AS DESIGNATED ON THE PLAN.
7. ALL HEADERS OVER DOORS AND WINDOWS SHALL BE (2) 2"x6" OR AS DESIGNATED ON THE PLANS.
8. PROVIDE 36" HIGH RAILINGS WHENEVER DECKS OR STOOPS EXCEED 18" ABOVE GRADE.
9. PROVIDE DIRECT WIRED SMOKE DETECTORS ADJACENT TO ALL SLEEPING AREAS.
10. PROVIDE 5/8" TYPE "X" FIRECODE SHEETROCK AT CEILING ABOVE HEAT UNIT OR AS REQUIRED.
11. WRITTEN DIMENSIONS TAKE PRECEDENT OVER SCALE.

THE OWEN COMPANY
 CONSTRUCTION MANAGEMENT
 P.O. BOX 1007
 VINEYARD HAVEN, MASS. 02568
 (508) 893-4150

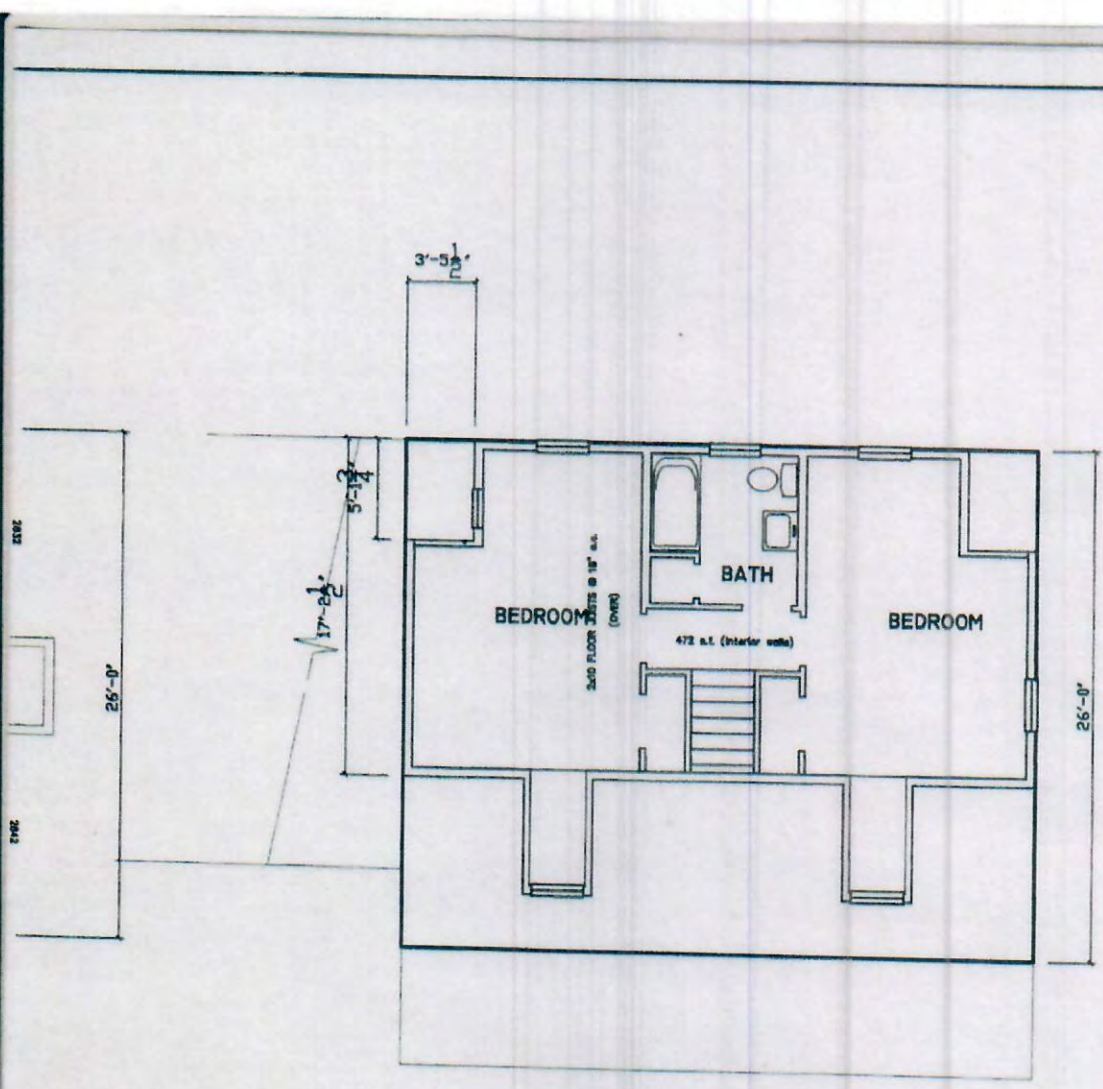
MURPHY RESIDENCE
 15 Pine Lane
 West Tisbury, Massachusetts
 Agr. Pol. No. 10-268

REVISIONS:

PROJECT:
 DATE: JULY 12, 2017
 SCALE: 1/8" = 1'-0"

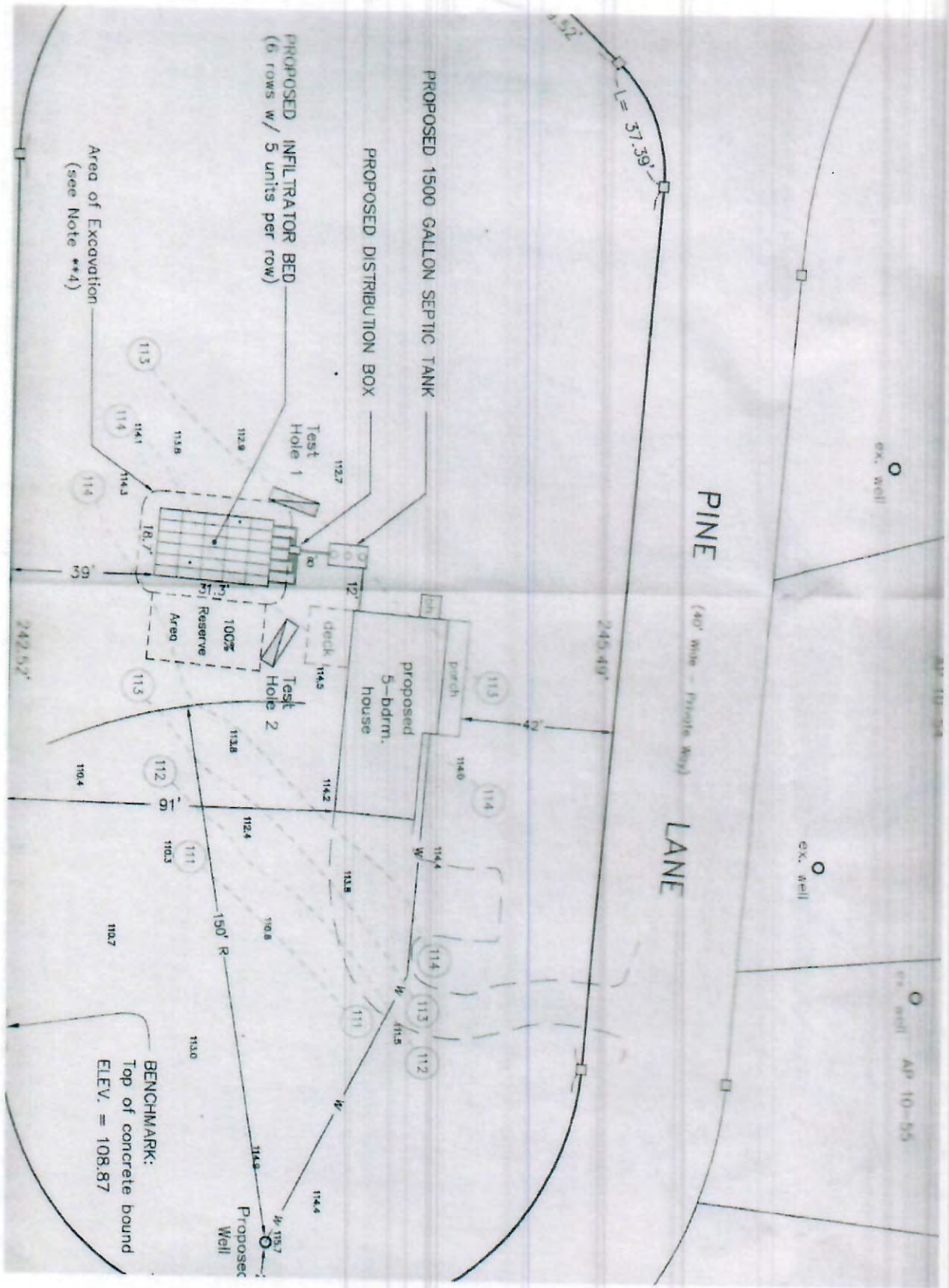
SHEET NO.

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SECOND FLOOR PLAN

- NOTE:
1. All interior walls are 3-1/2" wide, except where noted.
 2. All exterior walls are 5-1/2" wide, except where noted.
 3. Interior dimensions shown are face-to-face distances to framing members.



PROPOSED 1500 GALLON SEPTIC TANK

PROPOSED DISTRIBUTION BOX

PROPOSED INFILTRATOR BED
(6 ROWS W/ 5 UNITS PER ROW)

Test Hole 1

Test Hole 2

100% Reserve Area

proposed 5-bdrm. house

deck

porch

Proposed Well

BENCHMARK:
Top of concrete bound
ELEV. = 108.87

Area of Excavation
(see Note **4)

AP 10-94

AP 10-95

ex. well

ex. well

ex. well

PINE LANE
(40' Wide - Private Way)

245.49'

242.57'

37.39'

1113

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1114

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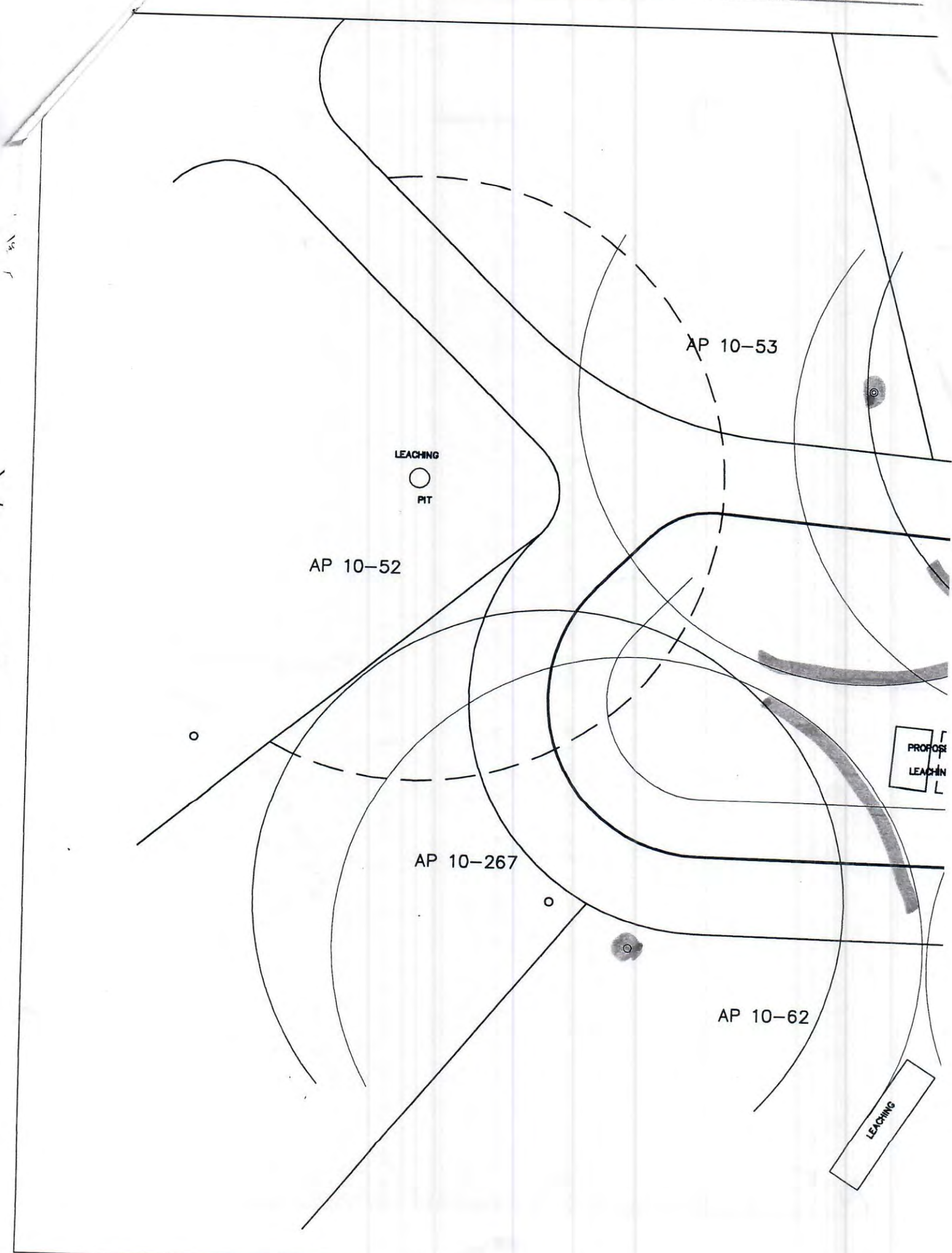
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APPLICANT

ROBERT J. MURPHY
71 VINEYARD MEADOWS FARMS ROAD
VINEYARD HAVEN, MA 02568

**INDIVIDUAL SEWAGE DISPOSAL SYSTEM
FOR A PROPOSED**

5-BEDROOM HOUSE
LOT 14 MURPHY PLAN
15 PINE LANE
WEST TISBURY, MASS.

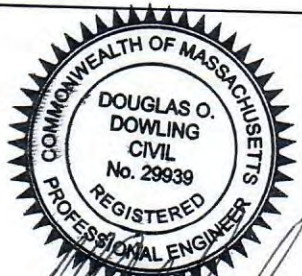
REVISIONS

DATE

CK'D BY

(A.P. 10-268)

DATE: 7-10-17 DESIGNED BY: D.O.D. CHECKED BY: D.O.D. SHEET 1/1



SMITH & DOWLING

ENGINEERING ♦ SURVEYING
♦ CONSTRUCTION MANAGEMENT ♦

480 State Road Post Office Box 1087
Vineyard Haven, Mass. 02568

(508) 693-4150

Plan OK [Signature]

7/27/17

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8. Finished grading to be done in accordance with *5 BR. proposed* and Schedule of Elevations.
9. Heavy machinery shall not be permitted *will need well info* during or after construction.
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71 VINEYARD MEADOWS FARMS ROAD
VINEYARD HAVEN, MA 02568

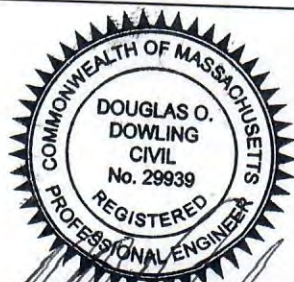
**INDIVIDUAL SEWAGE DISPOSAL SYSTEM
FOR A PROPOSED**

5-BEDROOM HOUSE
LOT 14 MURPHY PLAN
15 PINE LANE
WEST TISBURY, MASS.

(A.P. 10-268)

REVISIONS DATE CK'D BY

DATE: 7-10-17 DESIGNED BY: D.O.D. CHECKED BY: D.O.D. SHEET 1/1



SMITH & DOWLING

ENGINEERING ♦ SURVEYING
♦ CONSTRUCTION MANAGEMENT ♦

480 State Road Post Office Box 1087
Vineyard Haven, Mass. 02568

(508) 693-4150

Plan OK

1579

SMITH & DOWLING
P.O. BOX 1087
VINEYARD HAVEN, MA 02568
(508) 693-4150

Martha's Vineyard SAVINGS BANK
Edgartown, MA
53-7292/2113

July 17, 2017

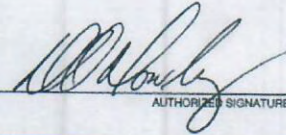
PAY TO THE
ORDER OF **TOWN OF WEST TISBURY**

\$ 175.00

ONE HUNDRED SEVENTY-FIVE AND 00/100

DOLLARS

BOARD OF HEALTH



AUTHORIZED SIGNATURE

MEMO

Murphy Permit Fee AP 10-268

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