

LETTER OF TRANSMITTAL

25 Years of Excellence

Providing Land Surveying, Civil
Engineering, Landscape Architecture and
Environmental Services Since 1978

HANCOCK ASSOCIATES

313 Littleton Road Unit #18 Chelmsford, MA
P: 978-244-0110 F: 978-244-1133
www.hancockassociates.com

TO: Town of Acton Planning Board	DATE: 6-23-10	JOB #: 14188
472 Main Street	FROM: Katie Enright, P.E.	
Acton Ma 01720	RE: Michele Circle	
	Definitive Subdivision Plan	

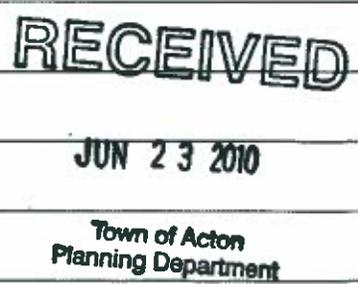
● We are sending you:

Prints Plans Samples Specifications Copy of letter Change order

COPIES	DATE	JOB #	DESCRIPTION
12	6-23-10	14188	Letter documenting revisions
3	6-15-10	14188	Definitive Subdivision Plan (24"x36")
9	6-15-10	14188	Definitive Subdivision Plan (11"x17")

● These are transmitted as checked below:

For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment PRINTS RETURNED AFTER LOAN TO US

REMARKS:	
	
	
COPY TO: HSA	SIGNED: Katie Enright

HANCOCK ASSOCIATES

June 23, 2010

Town of Acton Planning Department
472 Main Street
Acton, MA 01720
Attn: Roland Bartl, AICP, Planning Director

Re: Definitive Subdivision "Michele Circle"
348,350 and 352 Main Street, Acton

Dear Board Members,

Hancock Associates, on behalf of Walker Realty LLC, has completed revisions to the Definitive Subdivision plan Set for "Michele Circle" based on the input received from the Town Departments, Staff and Board members.

The following revisions have been made to the plan set:

- The plan has been revised to provide a minimum offset to the existing shed on the Post property located at 6 Isaac Davis Way to meet the front offset Zoning requirement from the proposed right of way. The plan and profile and all utilities have been adjusted to reflect this change.
- Legal research has been provided (see attached) to justify the relocation of the rights within the easement called Isaac Davis Way, therefore allowing the reduction in pavement at the intersection of Michele Circle and Main Street.
- Additional soil testing has been conducted in the area of Lot #1 to provide information to the Acton Board of Health relative to the Acton Subdivision Rules and Regulations Section 5.3.29 to essentially provide evidence as to the buildability of the lot as required to be serviced by a subsurface disposal system. In completing this testing, we adjusted the septic system location and the house placement slightly to allow for the septic system to be located in the front yard of the proposed house.

Please do not hesitate to contact Hancock Associates with any further questions or concerns.

Thank you,
Hancock Associates



Katie Enright, P.E.

RECEIVED

JUN 23 2010

Town of Acton
Planning Department

DANVERS, MA
185 Centre Street
Danvers, MA 01923
Phone: (978) 777-3050
Fax: (978) 774-7816

MARLBOROUGH, MA
315 Elm Street
Marlborough, MA 01752
Phone: (508) 460-1111
Fax: (508) 460-1121

LAKEVILLE, MA
4 Freetown Street
Lakeville, MA 02347
Phone: (508) 923-1002
Fax: (508) 923-0022

CHELMSFORD, MA
313 Littleton Road, Unit 18
Chelmsford, MA 01824
Phone: (978) 244-0110
Fax: (978) 224-1133

SALEM, NH
P.O. Box 205
Salem, NH 03079
Phone: (603) 898-3491
Fax: (603) 898-6263



Commonwealth of Massachusetts
 City/Town of
Percolation Test
 Form 12

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

Important:
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Site Information

Walker Realty LLC
 Owner Name

348, 350, 352 Main St Acton Ma
 Street Address or Lot #

City/Town _____ State _____ Zip Code _____

Contact Person (if different from Owner) _____ Telephone Number _____

B. Test Results

	<u>6-21-10</u> Date	<u>10:50</u> Time	_____	_____
	Date	Time	Date	Time
Observation Hole #	<u>20100621-2</u>	_____	_____	_____
Depth of Perc	<u>38"</u>	_____	_____	_____
Start Pre-Soak	<u>10:50</u>	_____	_____	_____
End Pre-Soak	<u>10:53</u>	_____	_____	_____
Time at 12"	<u>10:53</u>	_____	_____	_____
Time at 9"	<u>11:32</u>	_____	_____	_____
Time at 6"	<u>12:16</u>	_____	_____	_____
Time (9"-6")	<u>44 min.</u>	_____	_____	_____
Rate (Min./Inch)	<u>14.66 ~ 15 min/in.</u>	_____	_____	_____
	Test Passed: <input checked="" type="checkbox"/>		Test Passed: <input type="checkbox"/>	
	Test Failed: <input type="checkbox"/>		Test Failed: <input type="checkbox"/>	

Frank Bicchieri, P.E.
 Test Performed By:

Justin, Acton Board of Health
 Witnessed By:

Comments:



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

348, 350, 352 Main St
Acton MA

C. On-Site Review (minimum of two holes required at every proposed primary and reserved disposal area)

Deep Observation Hole Number: 20100621-1 Date: 6-21-10 Time: 10 am Weather: Sun 80 degrees

1. Location

Ground Elevation at Surface of Hole: 225+- Location (Identify on plan):

2. Land Use

Disturbed lot (e.g., woodland, agricultural field, vacant lot, etc.) Surface Stones Slope (%)
None
Vegetation Landform

3. Distances from: Open Water Body feet Drainage Way feet Possible Wet Area feet

Property Line feet Drinking Water Well feet Other feet

4. Parent Material: Unsuitable Materials Present: Yes No

If Yes: Disturbed Soil Fill Material Impervious Layer(s) Weathered/Fractured Rock Bedrock

5. Groundwater Observed: Yes No If yes: Depth Weeping from Pit Depth Standing Water in Hole

Estimated Depth to High Groundwater: 58" inches 220.16 elevation



Commonwealth of Massachusetts
City/Town of

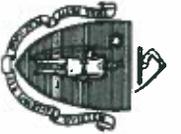
Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 201000621-1

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color- Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-24	Fill										
24-30	A/B										
30-39	B										
39-96	C		58"			LS					

Additional Notes:



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserved disposal area)

Deep Observation Hole Number: 20100621-2 Date: 6-21-10 Time: 10 am Sun 80 degrees
Weather

1. Location

Ground Elevation at Surface of Hole: 226+ Location (identify on plan):

2. Land Use Disturbed lot Surface Stones _____ Slope (%) _____
(e.g., woodland, agricultural field, vacant lot, etc.)
None

3. Distances from: Open Water Body _____ feet _____ Drainage Way _____ feet _____
Property Line _____ feet _____ Drinking Water Well _____ feet _____ Other _____ feet _____
Position on Landscape (attach sheet)

4. Parent Material: _____ Unsuitable Materials Present: Yes No

If Yes: Disturbed Soil Fill Material Impervious Layer(s) Weathered/Fractured Rock Bedrock

5. Groundwater Observed: Yes No If yes: _____ Depth Weeping from Pit _____ Depth Standing Water in Hole _____
Estimated Depth to High Groundwater: 58" inches 221.16 elevation



Commonwealth of Massachusetts
City/Town of
Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 201000621-2

Depth (In.)	Soil Horizon/ Layer	Soil Matrix: Color- Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-16	Fill										
16-26	A/B										
26-38	B										
38-96	C		58"			LS					

Additional Notes:
