

J/B		STATE LOT SIZE BY SOIL TYPE-WORKFORCE UNITS			J/B
Residention Development Tax Map 5, Lot 8 Hayes Road Madbury, NH JBE Project No. 13048			Jones & Beach Engineers, Inc. 85 Portsmouth Avenue P.O. Box 219 Stratham, NH 03885 September 4, 2012		
SOIL TYPE	NRCS SOIL GROUP	SLOPE CATEGORY	SEWAGE LOADING FACTOR PER ENV-WS 1005.04	ACTUAL SOIL AREA	LOADING FACTOR WEIGHTED AVE
<u>Lot M1</u>  Gloucester Gloucester	1	C	1.10	66,092	0.34382
	1	D	1.20	145,361	0.82493
TOTAL				211,453	1.16874

17,671

TOTAL AREA = 211,453 S.F. 4.85 ACRES  
WELL AREA = 17,671 S.F. 0.41 ACRES  
VERY POORLY DRAIN SOILS = - S.F. - ACRES  
NET LOT AREA = 193,782 S.F. 4.45 ACRES

REQUIRED LOT SIZE (ACRES) = (Q/2000)\*SLF

GALLONS PER DAY PER BEDROOM= 150 GPD  
NUMBER OF BEDROOMS PERMITTED = 50.8 BEDROOM  
NUMBER OF BEDROOMS PROPOSED = 4 BEDROOM

NUMBER OF BEDROOMS= 4  
Q= 600 GPD

REQUIRED LOT SIZE = 0.35 ACRES  
15,273 SQUARE FEET

ACTUAL LOT SIZE = 193,782 SQUARE FEET OK

ACTUAL LOT SIZE IS GREATER THAN THE REQUIRED LOT SIZE, THEREFORE THIS LOT PASSES STATE REQUIREMENTS

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<u>Lot M2</u>					
Gloucester	1	C	1.10	5,836	0.02943
Gloucester	1	D	1.20	63,878	0.35142
Hollis-Charlton	4	B	1.45	143,480	0.95379
Scantic	3	A	1.60	4,931	0.03617
<b>TOTAL</b>				<b>218,125</b>	<b>1.37081</b>

17,671

TOTAL AREA = 218,125 S.F. 5.01 ACRES  
WELL AREA = 17,671 S.F. 0.41 ACRES  
VERY POORLY DRAIN SOILS = - S.F. - ACRES  
NET LOT AREA = 200,454 S.F. 4.60 ACRES

REQUIRED LOT SIZE (ACRES) = (Q/2000)\*SLF

GALLONS PER DAY PER BEDROOM=

150 GPD

NUMBER OF BEDROOMS PERMITTED =

44.8 BEDROOM

NUMBER OF BEDROOMS PROPOSED =

4 BEDROOM

NUMBER OF BEDROOMS=

4

Q=

600 GPD

REQUIRED LOT SIZE =

0.41 ACRES

17,914 SQUARE FEET

ACTUAL LOT SIZE =

200,454 SQUARE FEET

OK

ACTUAL LOT SIZE IS GREATER THAN THE REQUIRED LOT SIZE, THEREFORE THIS LOT PASSES STATE REQUIREMENTS

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<u>Lot M3</u> Hollis-Charlton Scantic	4	B	1.45	151,901	1.00909
	3	A	1.60	66,371	0.48652
TOTAL				218,272	1.49561

17,671

TOTAL AREA = 218,272 S.F. 5.01 ACRES  
WELL AREA = 17,671 S.F. 0.41 ACRES  
VERY POORLY DRAIN SOILS = - S.F. - ACRES  
NET LOT AREA = 200,601 S.F. 4.61 ACRES

REQUIRED LOT SIZE (ACRES) = (Q/2000)\*SLF

GALLONS PER DAY PER BEDROOM= 150 GPD  
NUMBER OF BEDROOMS PERMITTED = 41.1 BEDROOM  
NUMBER OF BEDROOMS PROPOSED = 4 BEDROOM

NUMBER OF BEDROOMS= 4  
Q= 600 GPD

REQUIRED LOT SIZE = 0.45 ACRES  
19,545 SQUARE FEET

ACTUAL LOT SIZE = 200,601 SQUARE FEET

ACTUAL LOT SIZE IS GREATER THAN THE REQUIRED LOT SIZE, THEREFORE THIS LOT PASSES STATE REQUIREMENTS

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<u>Lot M4</u> Hollis-Charlton Scantic	4	B	1.45	72,135	0.47920
	3	A	1.60	146,137	1.07123
TOTAL				218,272	1.55043

17,671

TOTAL AREA = 218,272 S.F. 5.01 ACRES  
WELL AREA = 17,671 S.F. 0.41 ACRES  
VERY POORLY DRAIN SOILS = - S.F. - ACRES  
NET LOT AREA = 200,601 S.F. 4.61 ACRES

REQUIRED LOT SIZE (ACRES) = (Q/2000)\*SLF

GALLONS PER DAY PER BEDROOM= 150 GPD  
NUMBER OF BEDROOMS PERMITTED = 39.6 BEDROOM  
NUMBER OF BEDROOMS PROPOSED = 4 BEDROOM

NUMBER OF BEDROOMS= 4  
Q= 600 GPD

REQUIRED LOT SIZE = 0.47 ACRES  
20,261 SQUARE FEET

ACTUAL LOT SIZE = 200,601 SQUARE FEET OK

ACTUAL LOT SIZE IS GREATER THAN THE REQUIRED LOT SIZE, THEREFORE THIS LOT PASSES STATE REQUIREMENTS

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<u>Lot M5</u> Hollis-Charlton Scantic	4	B	1.45	124,319	0.82403
	3	A	1.60	94,437	0.69072
TOTAL				218,756	1.51476

17,671

TOTAL AREA = 218,756 S.F. 5.02 ACRES  
WELL AREA = 17,671 S.F. 0.41 ACRES  
VERY POORLY DRAIN SOILS = - S.F. - ACRES  
NET LOT AREA = 201,085 S.F. 4.62 ACRES

REQUIRED LOT SIZE (ACRES) = (Q/2000)\*SLF

GALLONS PER DAY PER BEDROOM=

150 GPD

NUMBER OF BEDROOMS PERMITTED =

40.6 BEDROOM

NUMBER OF BEDROOMS PROPOSED =

4 BEDROOM

NUMBER OF BEDROOMS=

4

Q=

600 GPD

REQUIRED LOT SIZE =

0.45 ACRES

19,795 SQUARE FEET

ACTUAL LOT SIZE =

201,085 SQUARE FEET

OK

ACTUAL LOT SIZE IS GREATER THAN THE REQUIRED LOT SIZE, THEREFORE THIS LOT PASSES STATE REQUIREMENTS

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<u>Lot M6</u> Hollis-Charlton Scantic	4	B	1.45	124,319	0.82403
	3	A	1.60	94,437	0.69072
TOTAL				218,756	1.51476

17,671

TOTAL AREA = 218,756 S.F. 5.02 ACRES  
WELL AREA = 17,671 S.F. 0.41 ACRES  
VERY POORLY DRAIN SOILS = - S.F. - ACRES  
NET LOT AREA = 201,085 S.F. 4.62 ACRES

REQUIRED LOT SIZE (ACRES) = (Q/2000)\*SLF

GALLONS PER DAY PER BEDROOM= 150 GPD  
NUMBER OF BEDROOMS PERMITTED = 40.6 BEDROOM  
NUMBER OF BEDROOMS PROPOSED = 4 BEDROOM

NUMBER OF BEDROOMS= 4  
Q= 600 GPD

REQUIRED LOT SIZE = 0.45 ACRES  
19,795 SQUARE FEET

ACTUAL LOT SIZE = 201,085 SQUARE FEET

ACTUAL LOT SIZE IS GREATER THAN THE REQUIRED LOT SIZE, THEREFORE THIS LOT PASSES STATE REQUIREMENTS

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<u>Lot M7</u> Hollis-Charlton Scantic	4	B	1.45	97,370	0.64705
	3	A	1.60	120,829	0.88601
<b>TOTAL</b>				<b>218,199</b>	<b>1.53306</b>

17,671

TOTAL AREA = 218,199 S.F. 5.01 ACRES  
WELL AREA = 17,671 S.F. 0.41 ACRES  
VERY POORLY DRAIN SOILS = - S.F. - ACRES  
NET LOT AREA = 200,528 S.F. 4.60 ACRES

REQUIRED LOT SIZE (ACRES) = (Q/2000)\*SLF

GALLONS PER DAY PER BEDROOM = 150 GPD  
NUMBER OF BEDROOMS PERMITTED = 40.0 BEDROOM  
NUMBER OF BEDROOMS PROPOSED = 4 BEDROOM

NUMBER OF BEDROOMS = 4  
Q = 600 GPD

REQUIRED LOT SIZE = 0.46 ACRES  
20,034 SQUARE FEET

ACTUAL LOT SIZE = 200,528 SQUARE FEET

ACTUAL LOT SIZE IS GREATER THAN THE REQUIRED LOT SIZE, THEREFORE THIS LOT PASSES STATE REQUIREMENTS