

## AITKIN COUNTY SHORELAND PERFORMANCE (Structure Placement Guidance)

A property should obtain a score of 100 or more to meet performance standard requirements. A conforming lot is assigned a score of 100. A lot is deemed conforming when the structure meets the required setbacks to the protected water as specified in the Aitkin County Shoreland Management Ordinance (SMO). A structure that fails to meet this definition is considered non-conforming.

To determine the level of non-conformance and score (See Reference Table):

- |   |                        |
|---|------------------------|
| 1) Determine the DNR classification of the protected water on the lot (SMO-4.13 & 4.14).....  | 1: <u>Recreational</u> |
| 2) Determine the required "Structure Setback" to that classification of water (SMO 5.2).....  | 2: <u>100'</u>         |
| 3) Determine the "Actual Setback" of the structure by measuring the closest part of the structure to the protected water, bluff, right-of-way, property line, etc. for which a variance is sought.....                          | 3: <u>40'</u>          |
| 4) Enter the corresponding 'Score Multiplier' .....   | 4: <u>1.000</u>        |
| 5) Pre-mitigation 'Lot Score': Determine the percentage of the encroachment as it relates to the standard setback by multiplying the Actual Setback with the 'Score Multiplier' (Note: round to the nearest whole number) ..... | 5: <u>40</u>           |

Reference Table: Performance Multipliers for structures, septics, bluff, and sidelots in Aitkin County.

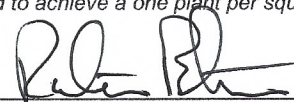
Protected Waters Type (DNR Classification; SMO 4.13-4.14)	Required Structure Setback	Score Multiplier Structures	Required Septic Setback	Score Multiplier Septic	Score Multiplier Bluff	Score Multiplier Sidelot
General Development Lake	75'	1.333	75'	1.333	3.33 (30' setback)	10.000 (10' setback)
Recreational Development Lake	100'	1.000	75'	1.333		
Natural Environment Lake	150'	0.667	150'	0.667		
Mississippi River	150'	0.667	125'	0.800		
Tributary Stream	100'	1.000	75'	1.333		
Forested Stream	150'	0.667	100'	1.000		
Remote Stream	200'	0.500	150'	0.667		

**Mitigation:** To bring a non-conforming structure to a score of 100 the landowner conducts and maintains one or more of the below listed mitigating activities:

- |   |                                    |
|---|------------------------------------|
| A) Zone A(1): Plant and/or maintain a 12.5' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c)..... | <b>15 points</b>                   |
| Zone A(2): Plant and/or maintain a 25' wide natural vegetated buffer zone adjacent to the OHW and record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* Water access as defined in the Shoreland Management Ordinance is allowed (Section 5.31.B.2.c).....      | <b>30 points</b>                   |
| B) Zone B: Plant and/or maintain an <u>additional</u> 12.5' wide natural vegetated buffer zone between Zone A landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. ....                                     | <b>20 points</b>                   |
| C) Zone C: Plant and/or maintain an <u>additional</u> 12.5' wide natural vegetated buffer zone between Zone B landward. Record deed restrictions to maintain vegetation in its natural state, prohibit mowing or vegetation removal.* A ten-foot (10') access path is allowed. ....                                     | <b>10 points</b>                   |
| D) Construction of rain garden(s) to Wisconsin DNR Manual specifications.....   | <b>20 points</b>                   |
| E) Removal of <u>all</u> other structures that do not meet the standard building setbacks, including water oriented structures.....   | <b>20 points</b> *                 |
| F) Removal of impervious surfaces to at least half ordinance limits (SMO 5.52.A).....   | <b>10 points</b>                   |
| G) Removal of fill all placed in historic wetlands and guarantee of no future wetland fill recorded on deed .....   | <b>10 points</b> *                 |
| H) Re-vegetate bluff or steep slopes* <u>and</u> provide screening of structures from the lake .....  | <b>10 points</b>                   |
| I) Diversion of all water runoff from impervious surfaces away from the lake into retention ponds, subsurface drains, wetlands, etc. with no outlet to the lake or tributary .....  | <b>10 points</b> *                 |
| J) Existing conditions may apply on the property that warrant credit.....   | <i>To be determined by P&amp;Z</i> |

**Final Score** = Pre-mitigation Lot Score (Line 5) 40 + Mitigation Totals (Lines A-I) 80 = 120

\*Note: Plant materials for vegetative buffers shall be native to northern Minnesota. For every 5,000 square feet of buffer area, there shall be a minimum of four types of trees, six types of shrubs, seven forbs, and three grasses planted to achieve a one plant per square foot minimum coverage. Survival of all plants must be guaranteed for a minimum of 5 years



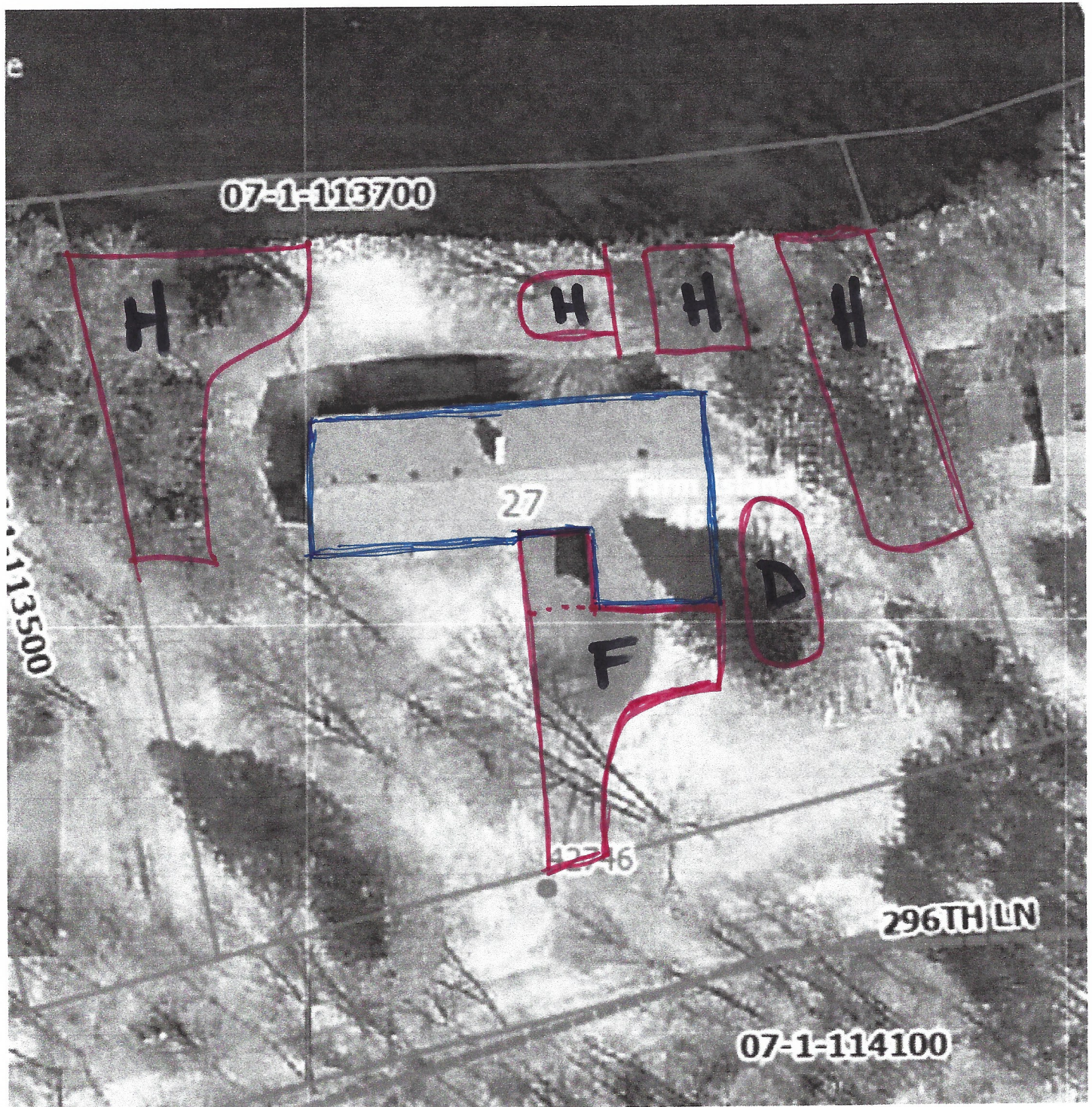
\_\_\_\_\_  
Board of Adjustment Chairperson

\_\_\_\_\_  
Applicant

Labeled Mitigation: D - Construction of Rain Garden  
 F - Removal of Impervious Backtop Driveway - Replace a Portion with a Pervious Solution  
 H - Re-Vegetate Steep Slopes.

Site Plan

42746 29<sup>th</sup> Lane  
 Aitkin, MN 56431



Other Considerations:  
 (Non-labeled)

- E - There are no other structures with setback issues.
- G - No future wetland fill needs
- I - All water runoff south of house flows to wetlands across road.