

MAP 4

IMPACT of the PLANNED SUB-DIVISION on the BLACK CHERRY POPULATION

Map 4 - Draft Plan of the Subdivision revised January 10, 2005 illustrates the dramatic impact that construction of the proposed subdivision will have on the Beaver Pond Forest. A significant proportion of the current Black Cherry growing stock will be removed.

Practically all of the few Black cherries in area 1 along the CNR track will be lost. With the exception of a few trees, all of the Black Cherries in area 2 will be removed. The magnificent Bitternut Hickory which enhances this part of the Beaver pond forest will disappear. All the young Black Cherry growing stock in area 5 will be lost. Area 3 will lose a significant part of its Black Cherry growing stock. Only the Cherry growing stock in area 4 will remain untouched.

An estimated 382 trees or 70 % of the Black Cherry growing stock in the Beaver Pond forest will be removed. The foregoing estimate does not take into consideration any damage that will be caused to the remaining growing stock of Black Cherry. Generally collateral damage to nearby forested areas from land clearing can be significant. In particular in rocky areas such as north of the Beaver Pond which will require a great deal of blasting and use of heavy equipment. These heavy inroads in the growing stock of a scarce species at the most northern fringe of its habitat are unacceptable. Areas 2, 3, and 4 are well suited to maintaining a thriving population of Black Cherries, particular in those parts where it grows in association with the White Ash, Basswood, Yellow Birch, White Oak and Hickory. The forest in areas 2, 3, and 4 is well stocked and will provide adequate protection to ensure the maintenance of the present Black Cherry growing stock at sustainable levels of growth. Further revision to sub - division plan to ensure the Beaver Pond forest will be able to enhance continued growth of the Black Cherry population are needed. Incorporating greater parts of the height of land in areas 2

and 3 is a must if meaningful preservation of the Black Cherry is to be achieved..