FOREST PROTECTION PROCEDURES – Preconstruction Phase

1) The edge of the woods to be protected will be marked (staked or flagged) in the field per the limits of forest conservation easement shown on the approved site development plan prior to the start of construction activity. All staking and marking will be done by a certified contractor. The marking will include the use of trees, staking, fencing, or other means.

2) Critical Root Zone (CRZ) Map will be provided to the contractor. The CRZ area will be marked with stakes and or flagging. All CRZ areas are to be excavated or protected from disturbance by the contractor. The CRZ map will include the following:

   a) Proposed excavation locations
   b) Proposed fill locations
   c) Existing utilities
   d) Existing trees

3) Excavation and backfilling of CRZ areas will be performed by an experienced contractor with the proper equipment and methods. All CRZ areas will be backfilled with native soil or soil mix approved by the developer and local authorities.

4) The contractor will be responsible for any damage to CRZ areas caused by their activities. Any damage to CRZ areas must be reported to the developer immediately.

5) Foot traffic shall be kept to a minimum in the protective areas.

6) All trees which are not to be preserved within fifty feet of any tree-free preservation areas are to be removed in a manner that will not damage the trees that are designated for preservation. The contractor shall remove all trees designated for removal within this fifty-foot area around with a stump grinding machine to minimize damage.

7) All trees which are not to be preserved within fifty feet of any tree-free preservation areas are to be removed in a manner that will not damage the trees that are designated for preservation. The contractor shall remove all trees designated for removal within this fifty-foot area around with a stump grinding machine to minimize damage.

8) The contractor shall designate a "wash out" area outside the CRZ for excavation which will not drain toward a protected area.

9) All pre-construction meeting shall be held with local authorities before any disturbance has taken place on site.

FOREST PROTECTION PROCEDURES – Construction Phase

Forest and tree conditions should be monitored during construction and corrective measures taken when appropriate.

The following shall be monitored:

a) Soil compaction
b) Root injury – prunes and monitor, consider crown reduction
c) Site injury – prunes and monitor
d) Quality conditions – trees and monitor, control problem
f) Site conditions – water and monitor, correct problems
h) Storm damage – trees and monitor and repair

FOREST PROTECTION PROCEDURES – Post Construction Phase

The following measures shall be taken:

1) Corrective measures if damages were incurred due to negligence:

   a) Stress reduction
   b) Removal of dry or dying trees. This may be done only if trees pose an immediate safety hazard.

2) Removal of temporary structures:

   a) No burial of vegetative materials will occur on-site within the conservation area.
   b) No open burning within 100 feet of a wooded area.
   c) All temporary forest protection structures will be removed after construction.
   d) Remove temporary roads by removing stone or bedding and placing permanent elevation should be reinstated.
   e) Avoid compacted soil.
   f) Replace disturbed sites with trees, shrubs, and/or herbaceous plants.
   g) Retain signs for retention areas or special trees.
   h) A County official shall inspect the entire site.

3) Future protection measures:

   a) Howard County and the developer shall arrange for the dedication of an appropriate forest conservation easement at a later date.

FDP NOTES

1. Any FDP CONSERVATION EASEMENT (FDE) area shown herein is subject to the FDP protection zone, with the exception of the FDE area that is otherwise noted on the site plan. FDE areas are subject to the same restrictions as forest conservation easement areas.

2. The FDP CONSERVATION EASEMENTS have been established to fulfill all the requirements of Section 15-105 of the Howard County Code. The purpose of the conservation easement is to protect and preserve the forest resources and natural values of the FDE area.

3. FDE areas surrounding the site of the FDE shall not be considered as part of the FDE and shall not be subject to forest protection and conservation.

4. LIMIT OF SETTLEMENT SHALL BE RECORDED TO MEASURE OUTSIDE THE LIMIT OF TEMPORARY FENCING ON THE FDE BOUNDARY. MEASUREMENTS ARE TO BE TAKEN AT 20-FEET INTERVALS ALONG THE LIMIT OF SETTLEMENT.

5. THERE SHALL BE NO CLEARING, GRAVING, CONSTRUCTION OR EXCAVATION IN THE FDE AREA. THE FDE AREA SHALL BE LEFT IN ITS NATURAL STATE.

6. NO STAKES, POURING PAINT, EARTHWORK, CONCRETE, ETC. SHALL BE DEPOSITED WITHIN 200 FEET OF THE BOUNDARY OF THE FDE.

7. PERMANENT SOILS SHALL BE PLACED 50-FEET APART ALONG THE BOUNDARIES OF ALL AREAS IN WHICH FOREST CONSERVATION EASEMENTS.

PLASTIC MESH TREE PROTECTION FENCE

DO NOT REMOVE

FOREST RETENTION AREA

Forest Conservation Easement

Forest Conservation Easement

Map 3.00

Date

3/15/04

Easement No.

2004-001

For Your Future

{signature}

Land Surveyor

Revised

T/W: J. F. Johnson

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