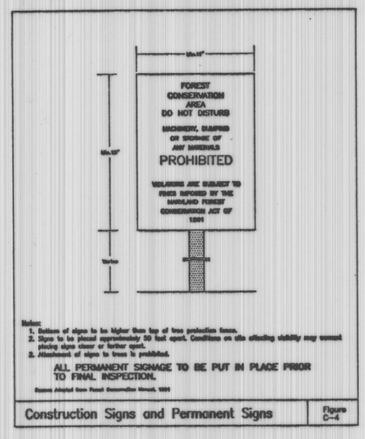


Construction Signs and Permanent Signs — Figure C-4

SEQUENCE OF FOREST PROTECTION

- All temporary protection devices (Wire Tree Protection Fence) and permanent devices (Signage) to be put in place.
- A pre-construction meeting will be required after boundaries of the limits of disturbance have been staked and flagged and the forest protection devices have been installed, and before any disturbance has taken place on site. It is the owner and/or developer's responsibility to arrange for the Washington County Planning Department (240-313-2430) inspection of these devices prior to the start of construction with at least five (5) days notice.
- Clearing and/or grading of site for construction of streets and/or lots, utility and septic areas.
- Protection devices shall be maintained throughout construction.
- All protection devices shall remain in place until all construction has ceased in the immediate vicinity.
- Temporary protection devices to be removed after construction has taken place.
- And to have all permanent devices put in place (Signage).
- A post construction meeting will be required after construction is completed on individual lots within the vicinity of the Forest Retention Areas. It is the owner and/or developer's responsibility to arrange a meeting with the Washington County Planning Department (240-313-2430).

FOREST CONSERVATION WORKSHEET
Version 2.2

NET TRACT AREA:
A. *Total Tract Area* (Lots 3 and 4) — A = 2.10 Ac.
B. *Deductions* (Critical Areas, area restricted by local ordinance or program) — B = 0
C. *Net Tract Area* Net Tract Area = Total Tract Area (A) – Deductions (B) — C = 2.10 Ac.

LAND USE CATEGORY: MDR

D. *Afforestation Threshold* (Net Tract Area (C) x 25%) — D = 0.42 Ac.
E. *Conservation Threshold* (Net Tract Area (C) x 20%) — E = 0.53 ac.

EXISTING FOREST COVER:
F. *Existing Forest Cover within the Net Tract Area* — F = 0
G. *Area of Forest Above Conservation Threshold*
If the Existing Forest Cover (F) is greater than the Conservation Threshold (E), then G = F – E; Otherwise G = 0. — G = 0

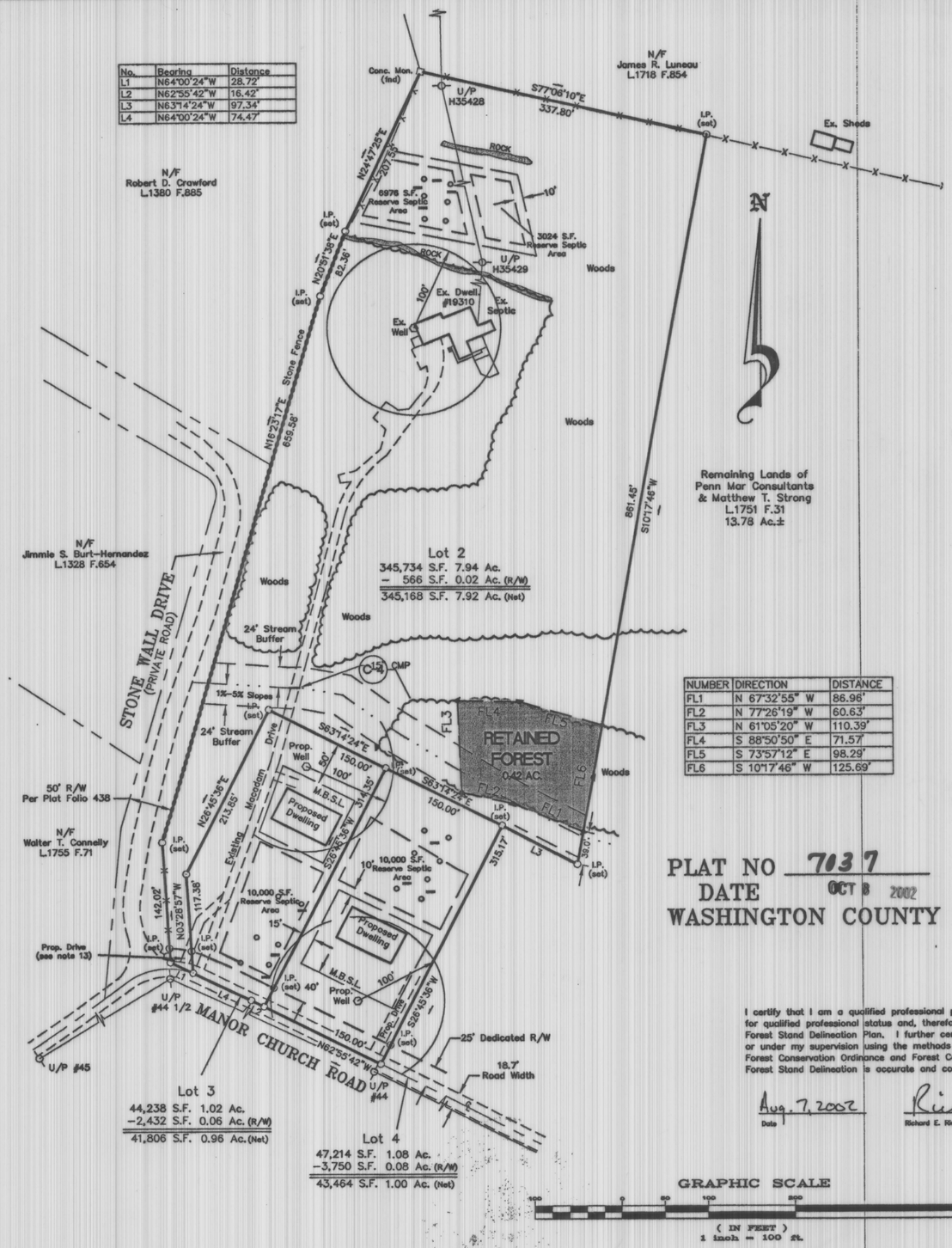
BREAK EVEN POINT:
H. *Breakeven Point* (Amount of forest that must be retained so that no mitigation is required.)
(1) If the Area of Forest Above the Conservation Threshold (G) is greater than 0, then H = (0.2 x the Area of Forest Above Conservation Threshold (G) + the Conservation Threshold (E);
(2) If the Area of Forest Above the Conservation Threshold (G) is equal to 0, then H = Existing Forest Cover (F). — H = 0
I. *Forest Clearing Permitted without Mitigation*
I = Existing Forest Cover (F) – Breakeven Point (H) — I = 0

PROPOSED FOREST CLEARING:
J. *Total Area of Forest to be Cleared* — J = 0
K. *Total Area of Forest to be Retained*
K = Existing Forest Cover (F) – Forest to be Cleared (J) — K = 0

PLANTING REQUIREMENTS:
If the Total Area of Forest to be Cleared (K) is at or above the Breakeven Point (H), no planting is required and no further calculations are necessary (L=0, M=0, N=0, P=0); Otherwise, calculate the planting requirement(s) as follows:
L. *Reforestation for Clearing Above the Conservation Threshold*
(1) If the Total Area of the Forest to be Retained (K) is greater than the Conservation Threshold (E), then L= the Area of Forest to be Cleared (J) x 0.25;
(2) If the Forest to be Retained (K) is less than or equal to the Conservation Threshold (E), then L = Area of Forest Above Conservation Threshold (G) x 0.25 — L = 0
M. *Reforestation for Clearing Below the Conservation Threshold*
(1) If Existing Forest Cover (F) is greater than the Conservation Threshold (E) and the Forest to be Retained (K) is less than or equal to the Conservation Threshold (E), then M = 2.0 x (Conservation Threshold (E) – Forest to be Retained (K))
(2) If the Forest to be Retained (K) is less than or equal to the Conservation Threshold (E), then L = Area of Forest Above Conservation Threshold (G) x 0.25 — M = 0
N. *Credit for Retention Above the Conservation Threshold*
If the area of Forest to be Retained (K) is greater than the Conservation Threshold (E), Then N = K – E — N = 0
P. *Total Reforestation Required* P = L + M –N — P = 0
Q. *Total Afforestation Required*
If Existing Forest Cover (F) is less than the Afforestation Threshold (D), then Q = Afforestation Threshold (D) – Existing Forest Cover (F) — Q = 0.42 Ac.
R. *Total Planting Requirement* R = P + Q — R = 0.42 Ac. or 18,295 Sq. Ft.

Note: Use 0 for all negative numbers that result from the calculations.

No.	Bearing	Distance
L1	N64°00'24"W	28.72'
L2	N62°55'42"W	16.42'
L3	N63°14'24"W	97.34'
L4	N64°00'24"W	74.47'



NUMBER	DIRECTION	DISTANCE
FL1	N 67°32'55" W	86.96'
FL2	N 77°26'19" W	60.63'
FL3	N 61°05'20" W	110.39'
FL4	S 88°50'50" E	71.57'
FL5	S 73°57'12" E	98.29'
FL6	S 10°17'46" W	125.69'

PLAT NO 7037
DATE OCT 8 2002
WASHINGTON COUNTY

I certify that I am a qualified professional per requirements of COMAR 08.19.06.01 for qualified professional status and, therefore, am qualified to prepare the attached Forest Stand Delineation Plan. I further certify that this plan was prepared by me or under my supervision using the methods provided by the Washington County Forest Conservation Ordinance and Forest Conservation Manual. I certify that this Forest Stand Delineation is accurate and complete.

Aug. 7, 2002 — Date
Richard E. Rice — Richard E. Rice

OWNER:
Penn Mar Consultants
& Matthew T. Strong
4551 Wentz Road
Manchester, MD 21102

TAX MAP 68-13-47	DISTRICT 6
DRAWING NUMBER 2 OF 2	
DRAWN BY: M.CESSNA	DATE: 4/01/02
CHECKED BY:	DATE:
SCALE: 1"=100'	

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10 WEST BALTIMORE STREET, GREENCASTLE, PENNSYLVANIA 17225
(717) 597-1007

JOB NUMBER: 3126.2

Forest Conservation Easement Plan
for
Penn Mar Consultants
for the
Preliminary / Final Plat of Subdivision
Lots 2-4
Situate along the north side of Manor Church road
WASHINGTON COUNTY, MARYLAND

1/21/03

76153 MSA CSU 2193-129-2