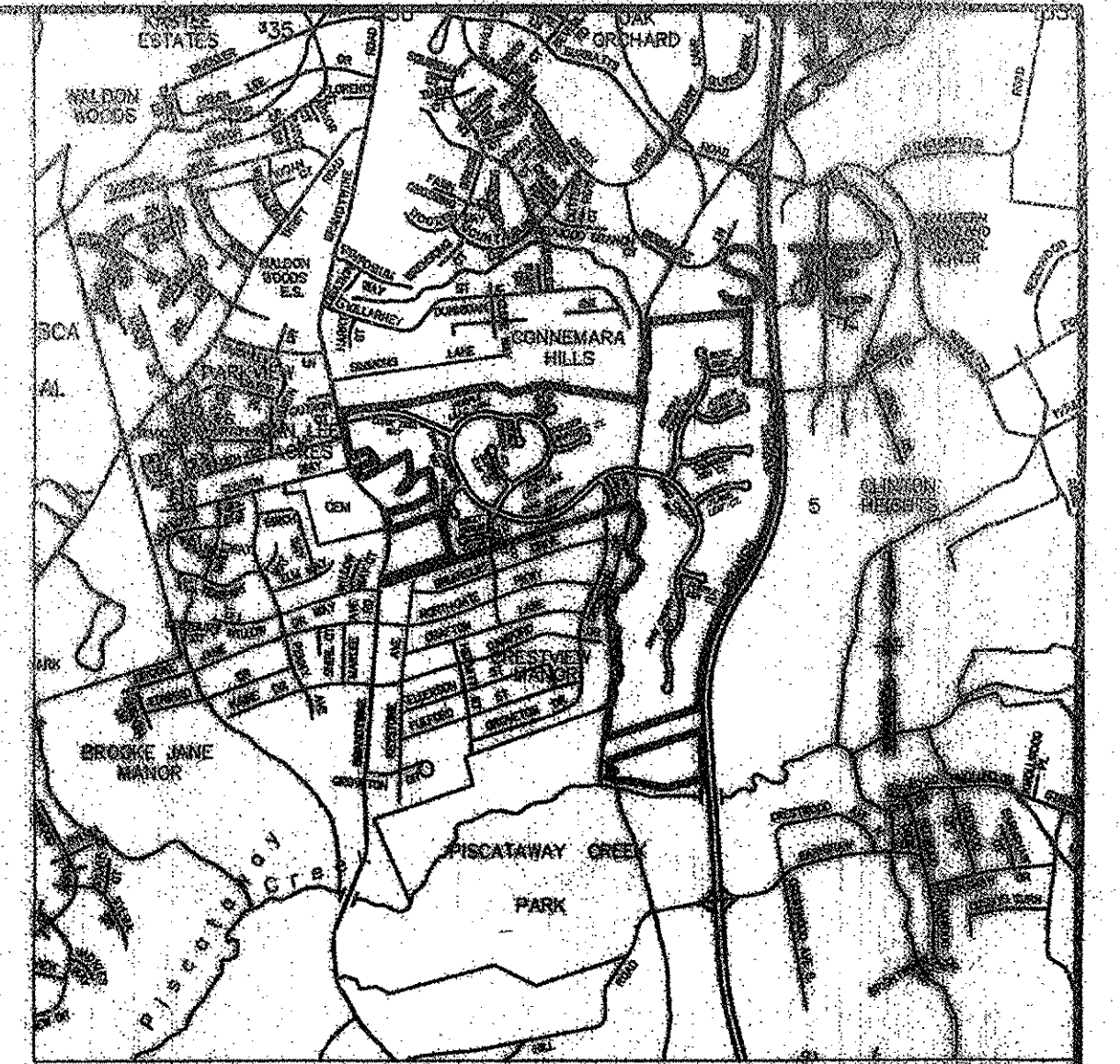


TIMBER RIDGE TREE CONSERVATION PLAN TYPE II COVER SHEET



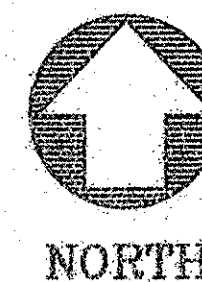
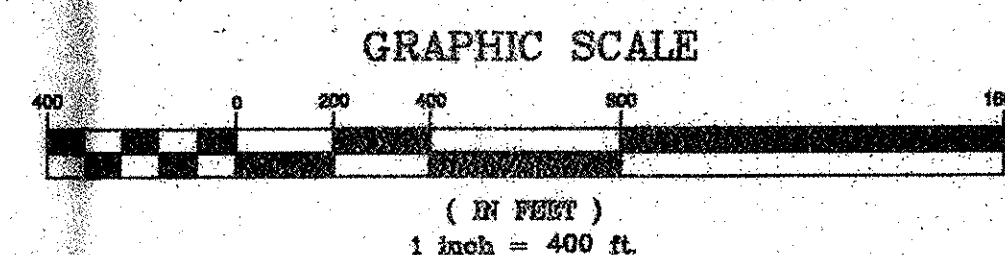
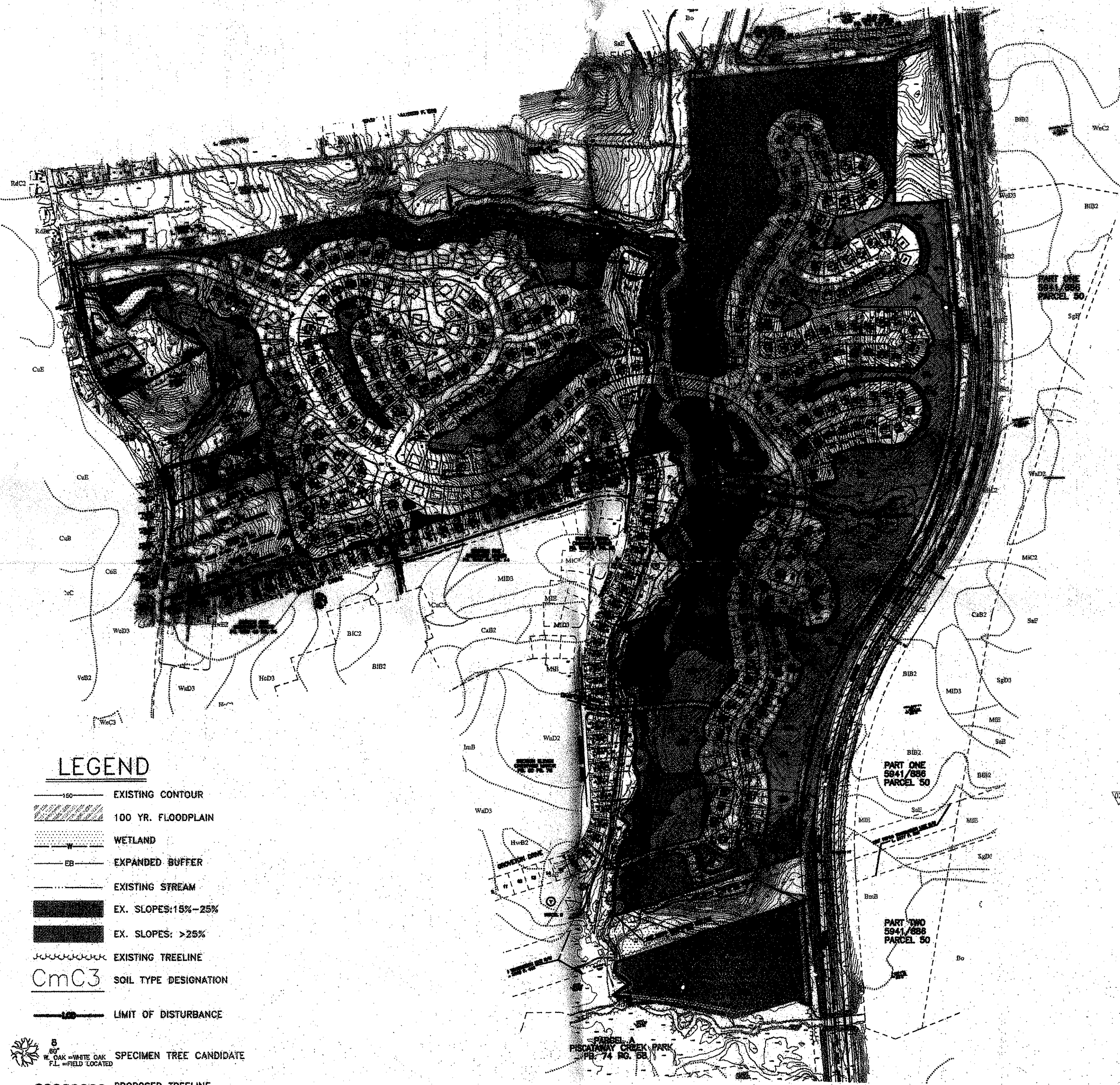
VICINITY MAP SCALE = 1" = 200' NORTH

NO.	SPECIES	COMMENTS	PROP. DISPOSITION
1	Quercus alba / White Oak	Large specimen near base of steep hill, fair to moderate overall health, but may be sign of health problems, splits into 2 trunks at approximately 12 feet above ground, fairly flat crown, healthy leaf canopy (5-15 degrees)	TO BE REMOVED
2	Rapanea hirsuta / American Beech	Base of trunk damaged and split, crown full but healthy - 12 degree angle of leaf canopy, very poor health, healthy leaf canopy, very straight trunk, -10% of crown healthy, which is angled in an adjacent line	TO BE REMOVED
3	Quercus alba / White Oak	Overall health good, somewhat narrow canopy, crown becoming established, trunk (see right) fair to good (11 degrees)	TO BE REMOVED
4	Liriodendron tulipifera / Tulip Poplar	At beginning of drainage channel, straight trunk, fairly abundant canopy, a few dead branches, and overall health good	TO BE PRESERVED
5	Liriodendron tulipifera / Tulip Poplar	Along top of small ridge, trunk fair to good with a few dead branches, -10% of crown healthy, fair to good health, crown full but healthy	TO BE REMOVED
6	Quercus alba / White Oak	Along base of slope, fairly straight trunk, full well-developed crown, overall health appears good	TO BE REMOVED
7	Quercus alba / White Oak	Large specimen, overall health good, trunk moderately straight but hollow and multitrunked, canopy has recent storm damage with little canopy left	TO BE PRESERVED
8	Liriodendron tulipifera / Tulip Poplar	Near property corner on steep slope, overall health good, single trunk, trunk fairly straight, canopy full but healthy, many large American hollies around	TO BE PRESERVED
9	Quercus alba / White Oak	Near property corner, overall health good, single trunk, trunk curves to the right (10-15 degrees), canopy fairly healthy	TO BE PRESERVED
10	Liriodendron tulipifera / Tulip Poplar	Trunk joined with specimen 11 at -4.5 ft, overall health good, trunk leans 5-10 degrees crown vigor - average	TO BE PRESERVED
11	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
12	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
13	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
14	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
15	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
16	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
17	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
18	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
19	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
20	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
21	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
22	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
23	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
24	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
25	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
26	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
27	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
28	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
29	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
30	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
31	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
32	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
33	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
34	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
35	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
36	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
37	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED
38	Liriodendron tulipifera / Tulip Poplar	General health good, trunk straight, crown average, many other large Tulip Poplars in area	TO BE PRESERVED

NOTE: PER KIN FINCH - COUNTY FORESTER EVALUATED TREES ON SITE. NO CHAMPION TREES WERE FOUND.
*NOTE: AT THIS TIME, TREES HAVE BEEN LOCATED RELATIVE TO TOPOGRAPHIC REFERENCES ONLY. ACTUAL LOCATIONS AND PROPOSED DISPOSITION MAY CHANGE PER ADDITIONAL INFORMATION OR SITE DEVELOPMENT CHANGES.

TABLE 1
SOIL CHARACTERISTICS
PRINCE GEORGE'S COUNTY

SOIL SYMBOL	SOIL DESCRIPTION	NATURAL SOIL GROUP	DRAINAGE (HYD. SOIL GROUP)	K > 0.37	HYDRIC
AuB2	Aura gravelly loam, 2 to 6 percent slopes, moderately eroded	B2a	Well Drained (B)	Yes	No
AuB	Aura gravelly loam, 12 to 20 percent slopes	B2c	Drained (B)	Yes	No
AuE	Aura and Oron gravelly loams, 30 to 50 percent slopes	B2c	Well Drained (B)	Yes	No
BmB	Beltville-Urban land complex, 0 to 5 percent slopes	E2a	Mod. Well Drained (C)	Yes	Inclusions
BmC	Beltville-Urban land complex, 5 to 15 percent slopes	E2a	Mod. Well Drained (C)	Yes	Inclusions
BmB2	Beltville silt loam, 2 to 5 percent slopes, moderately eroded	E2a	Mod. Well Drained (C)	Yes	Inclusions
BmC2	Beltville silt loam, 5 to 10 percent slopes, moderately eroded	E2a	Mod. Well Drained (C)	Yes	Inclusions
BmC3	Beltville silt loam, 5 to 10 percent slopes, severely eroded	E2a	Mod. Well Drained (C)	Yes	Inclusions
Ba	Bibb silt loam	C2	Poorly Drained (D)	No	Yes
CaB2	Chillum silt loam, 0 to 6 percent slopes, moderately eroded	B2a	Well Drained (C)	No	No
CaC2	Chillum silt loam, 6 to 12 percent slopes, moderately eroded	B2b	Well Drained (C)	No	No
CaC3	Chillum silt loam, 6 to 12 percent slopes, severely eroded	B2b	Well Drained (C)	No	No
CbE	Chillum-Urban land complex, 12 to 35 percent slopes	B2c	Well Drained (C)	No	No
CcE3	Chillum clay, 15 to 35 percent slopes, severely eroded	B3	Well Drained (C)	Yes	No
CuE	Crofton-Urban land complex, 15 to 35 percent slopes	B2c	Excessively Drained (C)	Yes	No
GaB	Galestown gravelly loamy sand, 0 to 8 percent slopes	A1a	Excessively Drained (A)	No	No
Gc	Gravel and barrow pits	Bp	N/A	N/A	Inclusions
HZB2	Hazel clay loam, 12 to 20 percent slopes, severely eroded	B2c	Well Drained (B)	Yes	No
HmB2	Hazel silt loam, 20 to 35 percent slopes, moderately eroded	B2c	Well Drained (B)	Yes	No
ImB	Iuka sandy loam, local alluvium, 2 to 5 percent slopes	G1	Mod. Well Drained (C)	No	Yes
IsA	Iuka silt loam, local alluvium, 0 to 2 percent slopes	G1	Mod. Well Drained (C)	No	Yes
IuB	Iuka silt loam, local alluvium, 2 to 5 percent slopes	G1	Mod. Well Drained (C)	No	Yes
KeB2	Keokuk fine sandy loam, 2 to 5 percent slopes, moderately eroded	E2a	Mod. Well Drained (C)	Yes	Inclusions
MB2	Morr fine sandy loam, 2 to 6 percent slopes, moderately eroded	B1a	Well Drained (B)	No	No
MC2	Morr fine sandy loam, 6 to 12 percent slopes, moderately eroded	B1b	Well Drained (B)	No	No
ME3	Morr fine sandy loam, 12 to 20 percent slopes, severely eroded	B1c	Well Drained (B)	No	No
ME	Morr fine sandy loam, 20 to 35 percent slopes	B1c	Well Drained (B)	No	No



SITE DATA

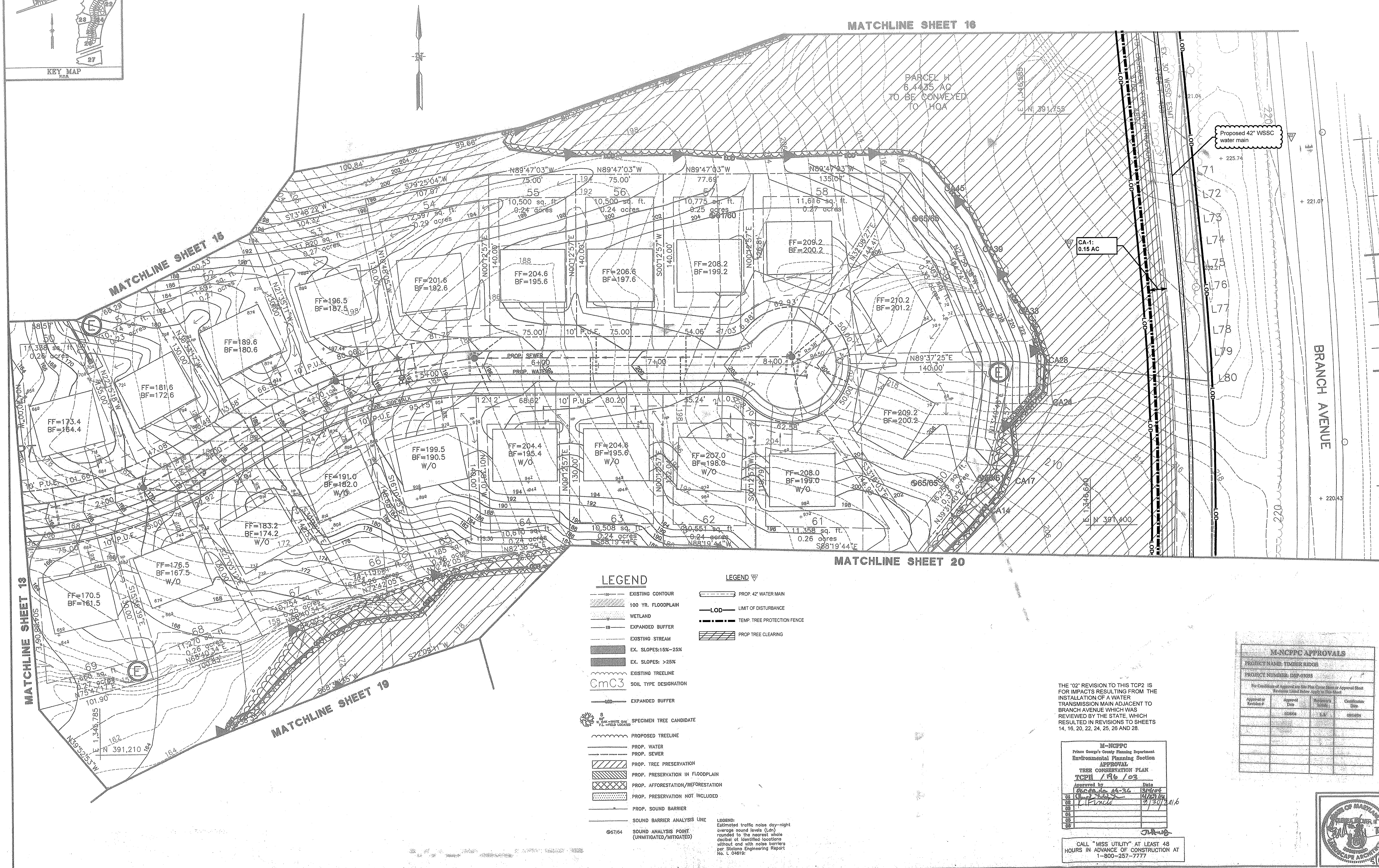
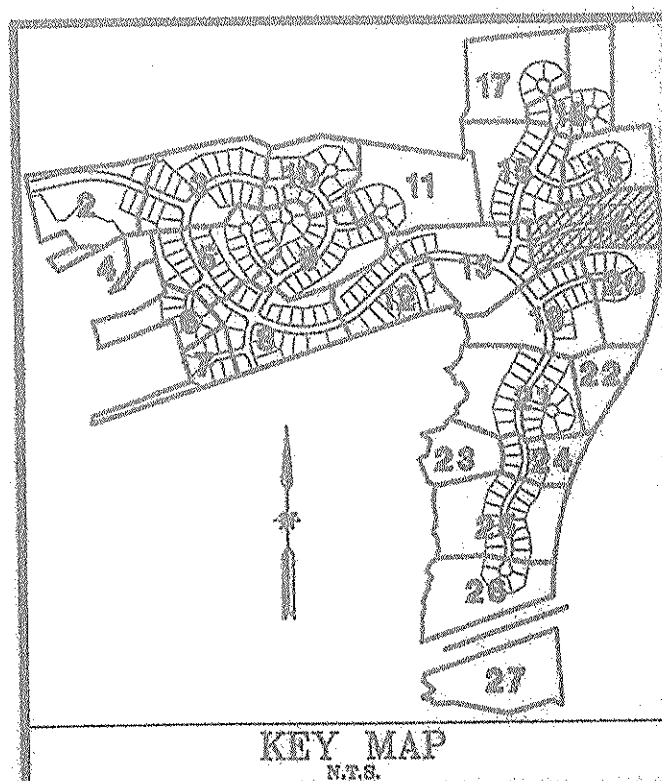
SUBDIVISION NAME: TIMBER RIDGE (A.K.A. WALLS PROPERTY)
200 FOOT MAP REFERENCE: 214 SE 08, 214 SE 07
GRANTEE: 185 03, 134 D1
TAX MAP: LOT 2, 971, 1000TH WALLS
GRANTOR: LOT 2, 971, 1000TH WALLS
DEED DATE & REFERENCE: LOT 2, 971, 1000TH WALLS
SUBMITTED BY: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
PLANNING: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
SEWAGE DISPOSAL: CATEGORY #4 WATER
WATER SOURCE: CATEGORY #4 WATER
STORMWATER MANAGEMENT: APPROVED STORMWATER CONCEPT PLAN
TOPOGRAPHIC SURVEY: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
DEED PLOT: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
FOREST STAND DELINEATION: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
TRAFFIC ANALYSIS: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
NOISE ANALYSIS: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
PROPOSED USE: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
WETLAND DELINEATION: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
EXISTING ZONE: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
NUMBER OF LOTS: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845
RECREATION FACILITIES: 11/16/1987 3034/845, 11/16/1987 3034/845, 11/16/1987 3034/845

SECTION I: Establishing Site Information (Enter acres for each row)	Column A	Column B	Column C	Column D
1. Zone	1.00	1.00	1.00	1.00
2. Gross Tract	1.00	1.00	1.00	1.00
3. Floodplain	0.00	0.00	0.00	0.00
4. Previously Dedicated Land	0.00	0.00	0.00	0.00
5. Net Total (D1A)	1.00	1.00	1.00	1.00
6. TPO Number	1.00	1.00	1.00	1.00
7. Property Description or Subdivision Name	1.00	1.00	1.00	1.00
8. Is this site subject to the 1988 Ordinance (Y/N)	1.00	1.00	1.00	1.00
9. Is this one (1) single family lot (Y/N)	1.00	1.00	1.00	1.00
10. Are there any prior TPO approvals which include a	1.00	1.00	1.00	1.00
11. Contribution of this lot (Y/N)	1.00	1.00	1.00	1.00
12. Is any portion of the property in a WC Bank?	1.00	1.00	1.00	1.00
13. Break even Point (gross acreage)	1.00	1.00	1.00	1.00
14. Clearing permitted w/o reforestation	1.00	1.00	1.00	1.00

Column A	Column B	Column C	Column D
15. Existing Woodland	1.00	1.00	1.00
16. Woodland Conservation Threshold (WCT) =	1.00	1.00	1.00
17. Smaller of 13 or 14	1.00	1.00	1.00
18. Woodland above WCT	1.00	1.00	1.00
19. Woodland cleared	1.00	1.00	1.00
20. Woodland cleared above WCT (smaller of 16 or 17)	1.00	1.00	1.00
21. Clearing above WCT (0.25: 1) replacement requirement	1.00	1.00	1.00
22. Woodland cleared below WCT	1.00	1.00	1.00
23. Clearing below WCT (2: 1) replacement requirement	1.00	1.00	1.00
24. Afforestation Required	1.00	1.00	1.00
25. Off-site WCA being provided on this property	1.00	1.00	1.00
26. Woodland Conservation Required	1.00	1.00	1.00

Column A	Column B	Column C	Column D
27. Woodland Preservation	1.00	1.00	1.00
28. Afforestation / Reforestation	1.00	1.00	1.00
29. Natural Regeneration	1.00	1.00	1.00
30. Landscape Credits	1.00	1.00	1.00
31. Specimen/Endemic Tree Credit (CR2 area "2.0")	1.00	1.00	1.00
32. Street Tree Credit (Existing or 10-year canopy coverage)	1.00	1.00	1.00
33. Area approved for fee-in-lieu-of-PFA	1.00	1.00	1.00
34. Area approved for fee-in-lieu-of-PFA	1.00	1.00	1.00
35. Off-site WCA (preservation) being provided on this property	1.00	1.00	1.00
36. Off-site WCA (laboratory) being provided on this property	1.00	1.00	1.00
37. Off-site WCA (laboratory) being provided on this property	1.00	1.00	1.00
38. Woodland Conservation Provided	1.00	1.00	1.00

THE "01" REVISION IS FOR THE CHANGE FROM AFForestation TO 10 YEAR REGENERATION OF SHEETS 1, 15, 16, 21, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770



- LEGEND**

 - EXISTING CONTOUR
 - 100 YR. FLOODPLAIN
 - WETLAND
 - EXPANDED BUFFER
 - EXISTING STREAM
 - EX. SLOPES: 15%-25%
 - EX. SLOPES: >25%
 - EXISTING TREELINE
 - SOIL TYPE DESIGNATION
 - EXPANDED BUFFER
 - SPECIMEN TREE CANDIDATE
 - PROPOSED TREELINE
 - PROP. WATER
 - PROP. SEWER
 - PROP. TREE PRESERVATION
 - PROP. PRESERVATION IN FLOODPLAIN
 - PROP. AFForestation/REFORESTATION
 - PROP. PRESERVATION NOT INCLUDED
 - PROP. SOUND BARRIER
 - SOUND BARRIER ANALYSIS LINE
 - SOUND ANALYSIS POINT (UNMITIGATED/MITIGATED)
- LEGEND**

 - PROP. 42\"/>

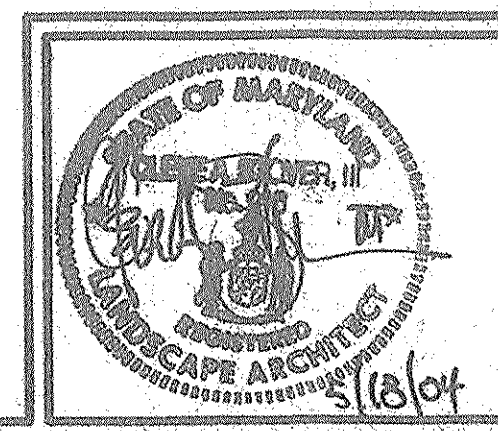
THE '02' REVISION TO THIS TCP2 IS FOR IMPACTS RESULTING FROM THE INSTALLATION OF A WATER TRANSMISSION MAIN ADJACENT TO BRANCH AVENUE WHICH WAS REVIEWED BY THE STATE, WHICH RESULTED IN REVISIONS TO SHEETS 14, 15, 20, 22, 24, 25, 26 AND 28.

PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCPH / R6 / 03

Approved by: *[Signature]* Date: *2/25/04*

CALL "MISS UTILITY" AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION AT 1-800-257-7777

M-NCPPC APPROVALS			
PROJECT NAME: TIMBER RIDGE			
PROJECT NUMBER: RSP-03055			
For Conditions of Approval and Site Plan Cross-Check or Approval Sheet			
Approval or Revision #	Approval Date	Reviewer Initials	Condition Date
01	02/25/04	E.S.	09/14/04
02			
03			
04			
05			
06			
07			
08			
09			
10			



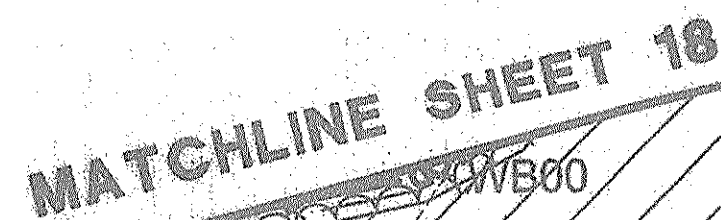
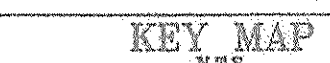
PROJ. MGR.	C&S
DESIGNED	GPI
DRAWN	GPI
CHECKED	LSG
DATE	1/2/04
REVISIONS	
BY	
DATE	

GREENMAN-PEDERSEN, INC.
GPI
ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION ENGINEERS & INSPECTORS
10620 GUILFORD ROAD, SUITE 100 JESSUP, MD 20794
WASH. (301) 470-2772 BALT. (410) 860-3065
FAX: (301) 490-2649 www.gpinet.com

OWNER/DEVELOPER:
TIMBERLAKE CLINTON, LLC
95 KETTERING DRIVE
UPPER MARLBORO, MD. 20774

TREE CONSERVATION PLAN
TYPE II
TIMBER RIDGE
PRINCE GEORGE'S COUNTY, MARYLAND (5th) ELECTION DISTRICT

DATE	1/23/04
SCALE	1" = 30'
SHEET	14
OF	28
PROJECT No.	2001190



M-NCPPC

Prince George's County Planning Department
Environmental Planning Section

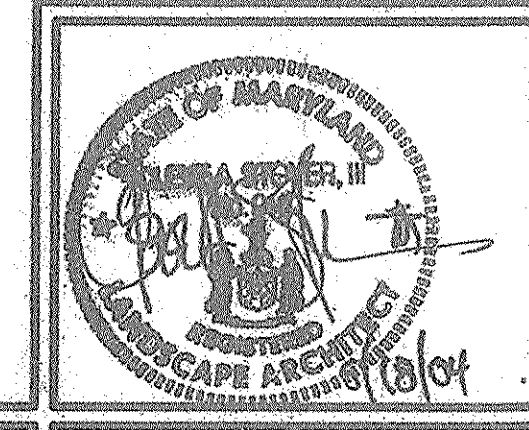
APPROVAL

TREE CONSERVATION PLAN

TCPI / 196 / 03

	Approved by	Date
	TCPI No. 04-26	2/24/04
01	Paul J. Smith	2/24/04
02	R. Smith	2/24/04
03		
04		
05		
06		

CALL "MISS UTILITY" AT LEAST 48
HOURS IN ADVANCE OF CONSTRUCTION AT
1-800-257-7777



GPI **GREENMAN-PEDERSEN, Inc.**
ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION ENGINEERS & INSPECTORS
10620 GUILFORD ROAD, SUITE 100 JESSUP, MD 20794
WASH. (301) 470-2772 BALT. (410) 880-3055
FAX: (301) 490-2849 www.gpinet.com

**TREE CONSERVATION PLAN
TYPE II**

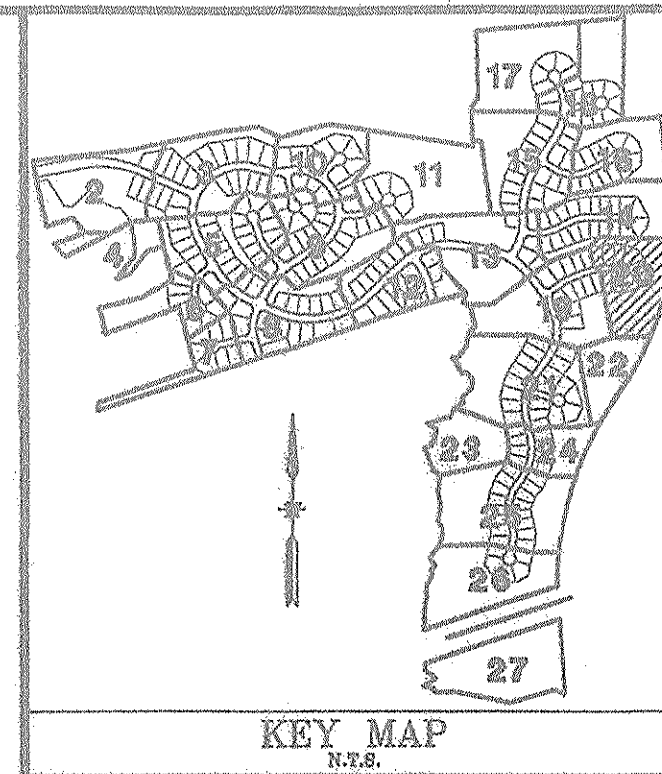
TIMBER RIDGE

PRINCE GEORGE'S COUNTY, MARYLAND

(5th) ELECTION DISTRICT

DATE	PROJECT No.
1/23/04	2001190
SCALE	SHEET
1" = 30'	16
	OF
	28

N:\2001\2001190\DWG\SDP\TC14TMBR.dwg
EC00, EF00, BA00, PC00, slopes, VMAP



LEGEND

PROPOSED 42" WATER MAIN
 LIMIT OF DISTURBANCE
 TEMP. TREE PROTECTION FENCE
 PROPOSED TREE CLEARING

LEGEND

EXISTING CONTOUR
 100 YR. FLOODPLAIN
 WETLAND
 EXPANDED BUFFER
 EXISTING STREAM
 EX. SLOPES: 15%-25%
 EX. SLOPES: >25%
 EXISTING TREELINE
 SOIL TYPE DESIGNATION
 EXPANDED BUFFER
 SPECIMEN TREE CANDIDATE
 PROPOSED TREELINE
 PROPOSED WATER
 PROPOSED SEWER
 PROPOSED TREE PRESERVATION
 PROPOSED PRESERVATION IN FLOODPLAIN
 PROPOSED AFFORESTATION/REFORESTATION
 PROPOSED PRESERVATION NOT INCLUDED
 PROPOSED SOUND BARRIER
 SOUND BARRIER ANALYSIS LINE
 SOUND ANALYSIS POINT (UNMITIGATED/MITIGATED)

WALLS, ELIJAH M &
 ROSA I
 L. 3534 F. 845
 USE: RESIDENTIAL
 ZONE: RR

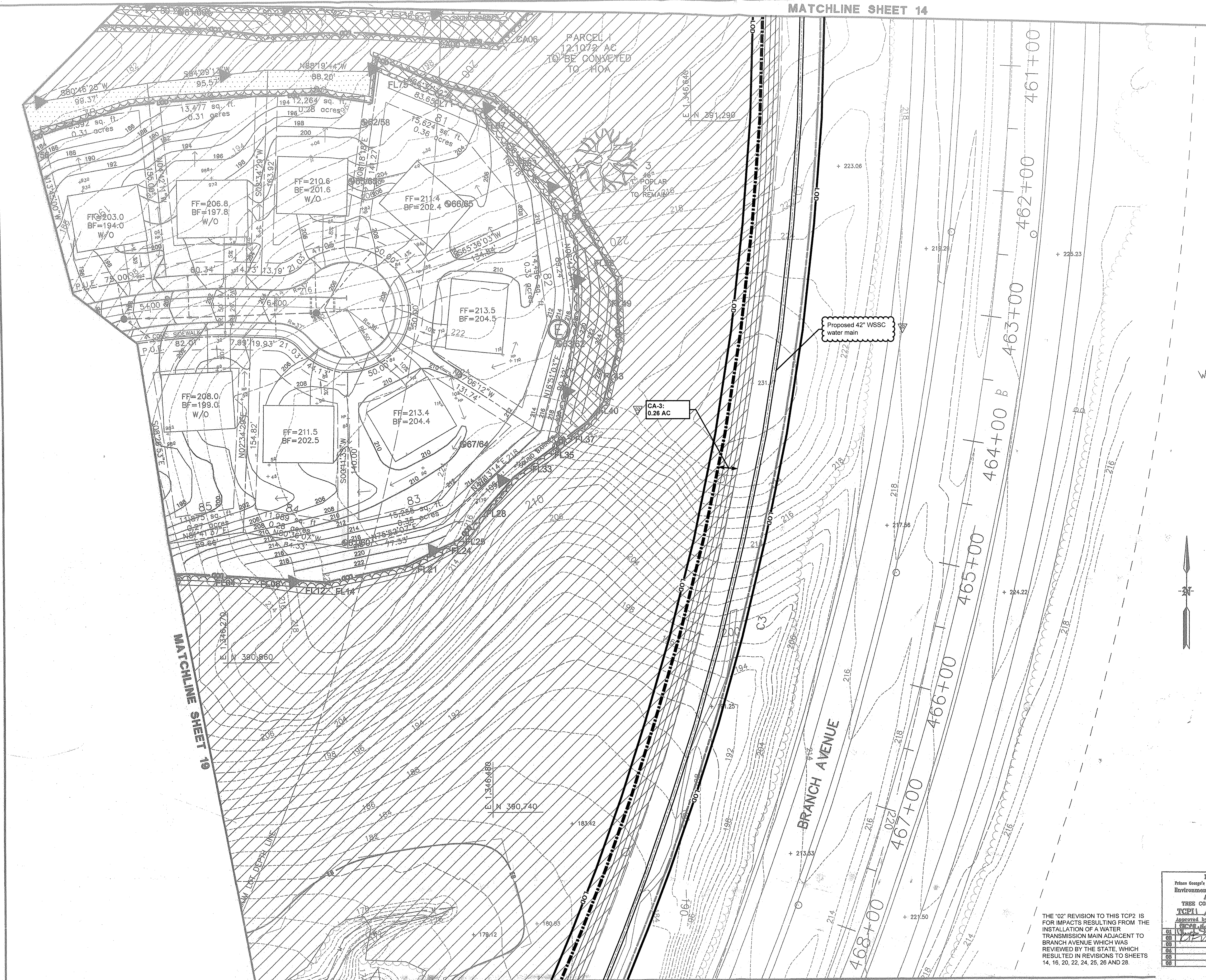
LEGEND:
 Estimated traffic noise day-night
 average sound levels (Ldn)
 rounded to the nearest whole
 decibel at identified locations
 without and with noise barriers
 per State Engineering Report
 No. 1.04519 as follows:

M-NCPPC APPROVALS			
PROJECT NAME: TIMBER RIDGE			
PROJECT NUMBER: DSP-00055			
The Conditions of Approval are Site Plan, Survey, and Approval Sheet. Revisions Listed Below Apply to This Sheet.			
Approval or Revision #	Approval Date	Reviewer's Initials	Certification Date
01	07/04	L.S.	09/14/04
02			
03			
04			
05			
06			

M-NCPPC
 Prince George's County Planning Department
 Environmental Planning Section
 APPROVAL
 TREE CONSERVATION PLAN
 TCEP1 / 196 / 03
 Approved by: [Signature]
 Date: 8/15/04

THE "02" REVISION TO THIS TCP2 IS FOR IMPACTS RESULTING FROM THE INSTALLATION OF A WATER TRANSMISSION MAIN ADJACENT TO BRANCH AVENUE WHICH WAS REVIEWED BY THE STATE, WHICH RESULTED IN REVISIONS TO SHEETS 14, 15, 20, 22, 24, 25, 26 AND 28.

CALL "MISS UTILITY" AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION AT 1-800-257-7777



MATCHLINE SHEET 22

MATCHLINE SHEET 19

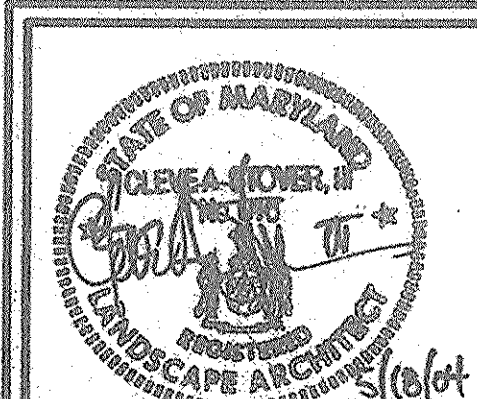
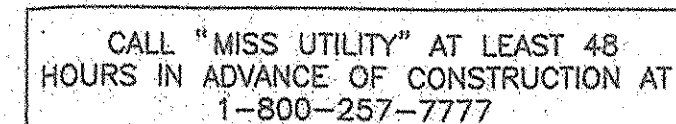
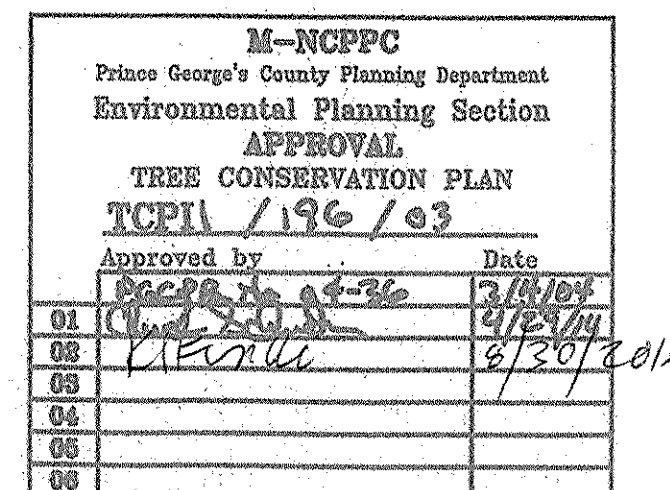
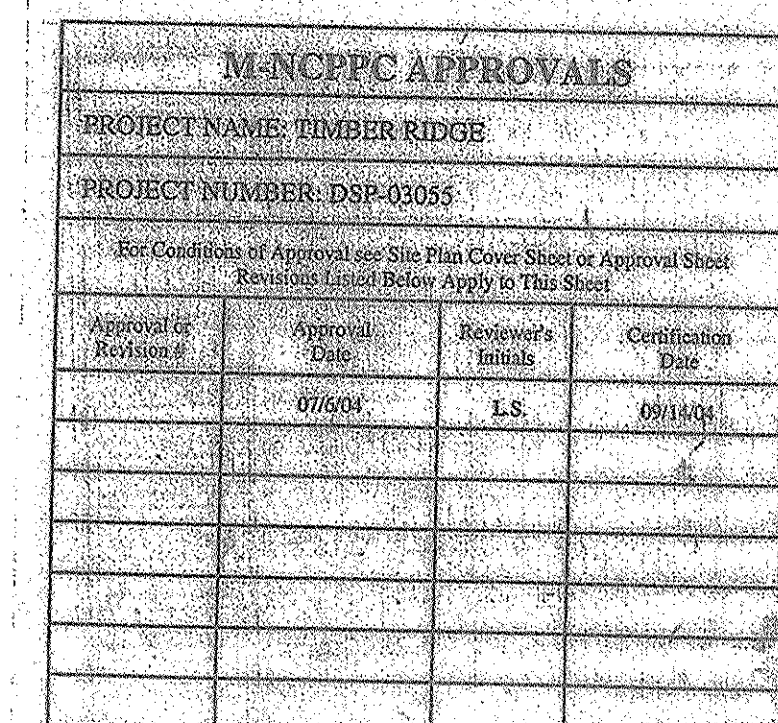
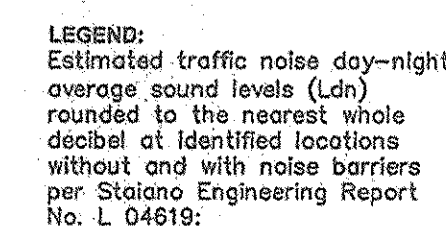
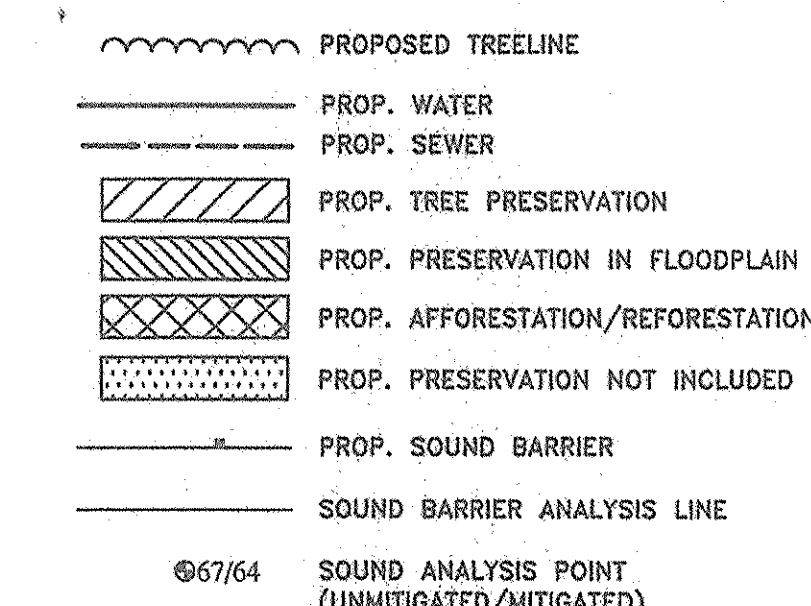
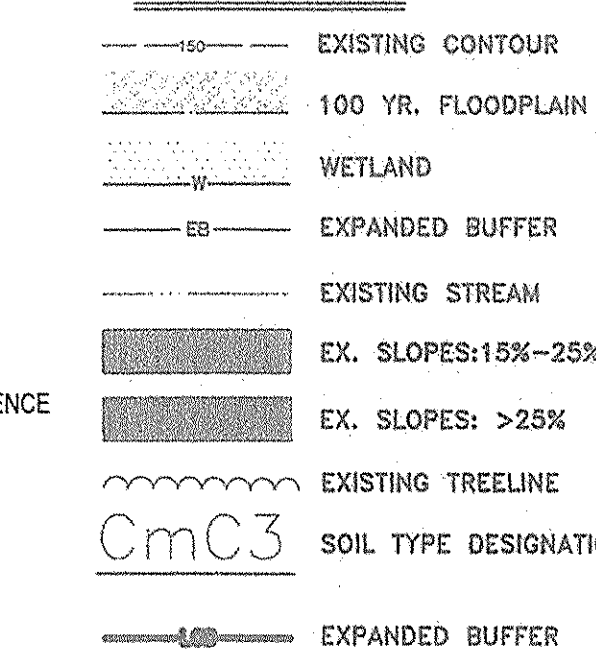
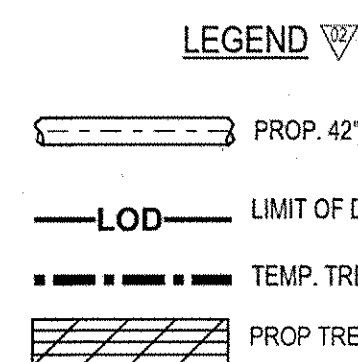
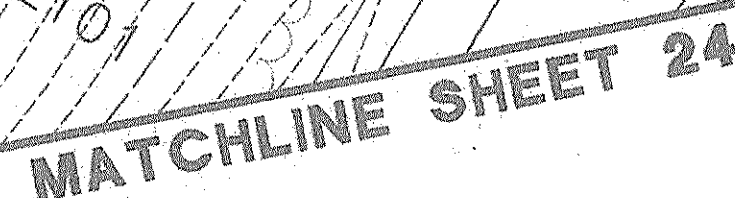
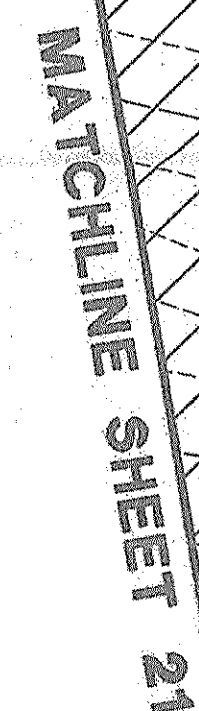
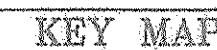
PROJ. MGR.	CAS	DESIGNED	GPI	DRAWN	GPI	CHECKED	LSG
08/16	REVISOR FOR WATER MAIN CONSTRUCTION IMPACTS						
4/04	REVISOR PER APPROVAL CONDITIONS						
1/2/04	REVISOR PER COUNTY COMMENTS AND NOISE ANALYSIS						
DATE	REVISIONS	BY	DATE	REVISIONS	BY	DATE	REVISIONS

GREENMAN-PEDERSEN, INC.
 ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION ENGINEERS & INSPECTORS
 10620 GUILFORD ROAD, SUITE 100 JESSUP, MD 20794
 WASH. (301) 470-2772 BALT. (410) 880-3055
 FAX: (301) 490-2649 www.gpinet.com

OWNER/DEVELOPER:
TIMBERLAKE CLINTON, LLC
 95 KETTERING DRIVE
 UPPER MARLBORO, MD. 20774

TREE CONSERVATION PLAN
 TYPE II
TIMBER RIDGE
 PRINCE GEORGE'S COUNTY, MARYLAND (5th) ELECTION DISTRICT

DATE: 1/23/04
 SCALE: 1" = 30'
 PROJECT NO.: 2001190
 SHEET: 20 OF 28

[illegible]

GPI **GREENMAN-PEDERSEN, INC.**
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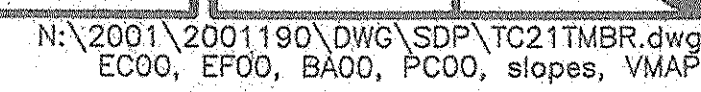
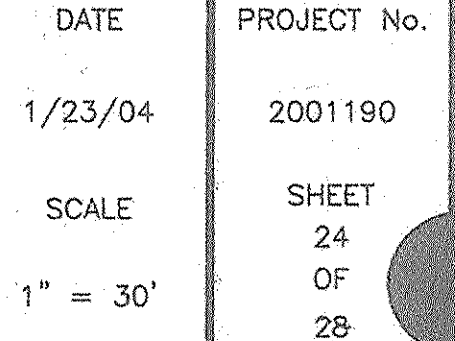
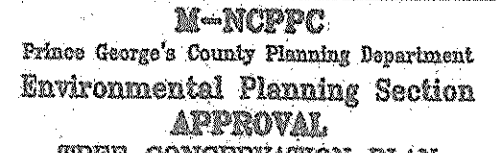
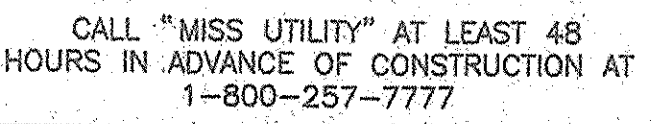
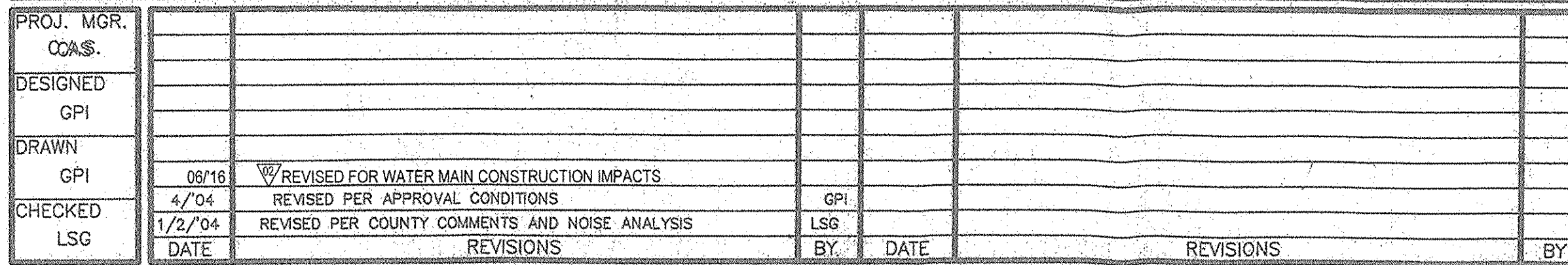
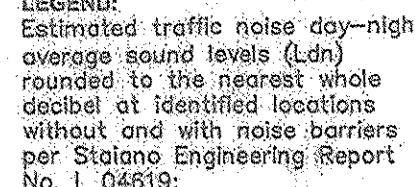
**TREE CONSERVATION PLAN
TYPE II**

TIMBER RIDGE

PRINCE GEORGE'S COUNTY, MARYLAND (5th) ELECTION DISTRICT

DATE	PROJECT No.
1/23/04	2001190
SCALE	SHEET
1" = 30'	22
	OF
	28

N:\2001\2001190\DWG\SDP\TC21TMBR.dwg
EC00, EF00, BA00, PC00, slopes, VMA



LEGEND

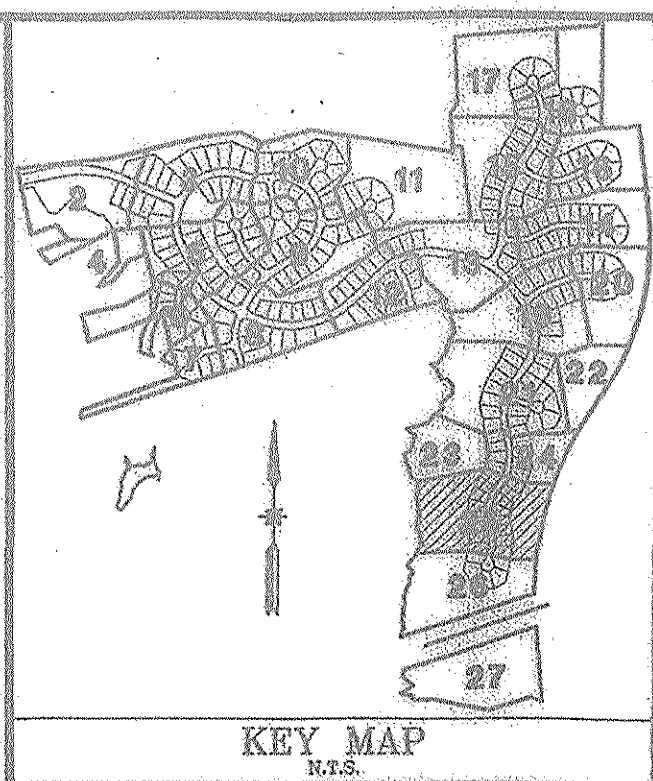
- EXISTING CONTOUR
- 100 YR. FLOODPLAIN
- WETLAND
- EXPANDED BUFFER
- EXISTING STREAM
- EX. SLOPES: 15%-25%
- EX. SLOPES: >25%
- EXISTING TREELINE
- CMC3
- SOIL TYPE DESIGNATION
- EXPANDED BUFFER
- PROP. WATER
- PROP. SEWER
- PROP. TREE PRESERVATION
- PROP. PRESERVATION IN FLOODPLAIN
- PROP. AFFORESTATION/REFORESTATION
- PROP. PRESERVATION NOT INCLUDED
- PROP. NATURAL REGENERATION
- PROP. SOUND BARRIER
- SOUND BARRIER ANALYSIS LINE
- SOUND ANALYSIS POINT (UNMITIGATED/MITIGATED)

NATURAL REGENERATION
AREA THIS SHEET = 0.15 AC.

LEGEND:
Estimated traffic noise day-night
average sound levels (Ldn)
rounded to the nearest whole
decibel at identified locations
without and with noise barriers
per State Engineering Report
No. L 04619

LEGEND

- PROP. 42" WATER MAIN
- LOD
- TEMP. TREE PROTECTION FENCE
- PROP. TREE CLEARING

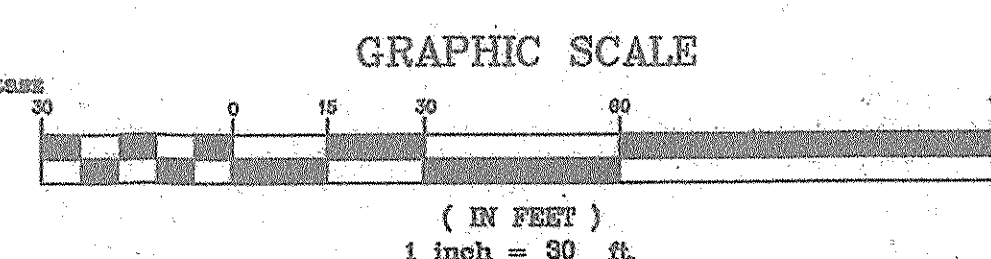


NATURAL REGENERATION
AREA THIS SHEET = 0.72 AC.

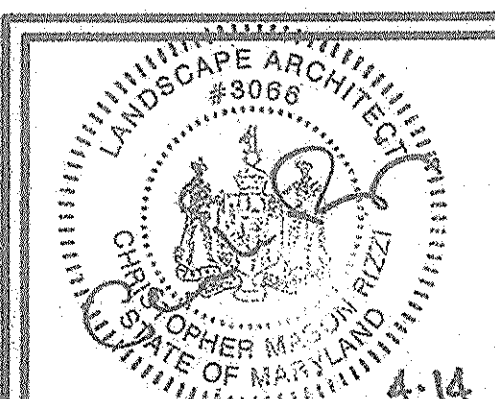
THE "02" REVISION TO THIS TOP2 IS
FOR IMPACTS RESULTING FROM THE
INSTALLATION OF A WATER
TRANSMISSION MAIN ADJACENT TO
BRANCH AVENUE WHICH WAS
REVIEWED BY THE STATE, WHICH
RESULTED IN REVISIONS TO SHEETS
14, 16, 20, 22, 24, 25, 26 AND 28.

THE "01" REVISION IS FOR THE
CHANGE FROM AFFORESTATION
TO NATURAL REGENERATION ON
SHEETS 14, 16, 20, 22, 24, 25, 26
AND 28. NO OTHER SHEETS WERE IMPACTED
FROM THIS "01" REVISION.

M-NCPPC Prince George's County Planning Department Environmental Planning Section	
APPROVAL	
TREE CONSERVATION PLAN	
TCPII / 196 / 03	
Approved by	Date
SGORD No. 04-26	3/2/03
01	1/18/03
02	3/2/03
03	
04	
05	
06	
07	
08	
09	



CALL "MISS UTILITY" AT LEAST 48
HOURS IN ADVANCE OF CONSTRUCTION AT
1-800-257-7777



PROJ. MGR.	CAS	DESIGNED	GPI	DRAWN	GPI	CHECKED	LSG	DATE	REVISIONS	BY	DATE
02/16				1/16/14					REVISED FOR WATER MAIN CONSTRUCTION IMPACTS		
10/17/13				10/17/13					Added Area This Sheet ONLY Prop-Natural Regeneration Areas - West Side of "F" Block	SHD	
4/2/04				4/2/04					REVISED PER APPROVAL CONDITIONS	GPI	
1/2/04				1/2/04					REVISED PER COUNTY COMMENTS AND NOISE ANALYSIS	LSG	
									REVISIONS		

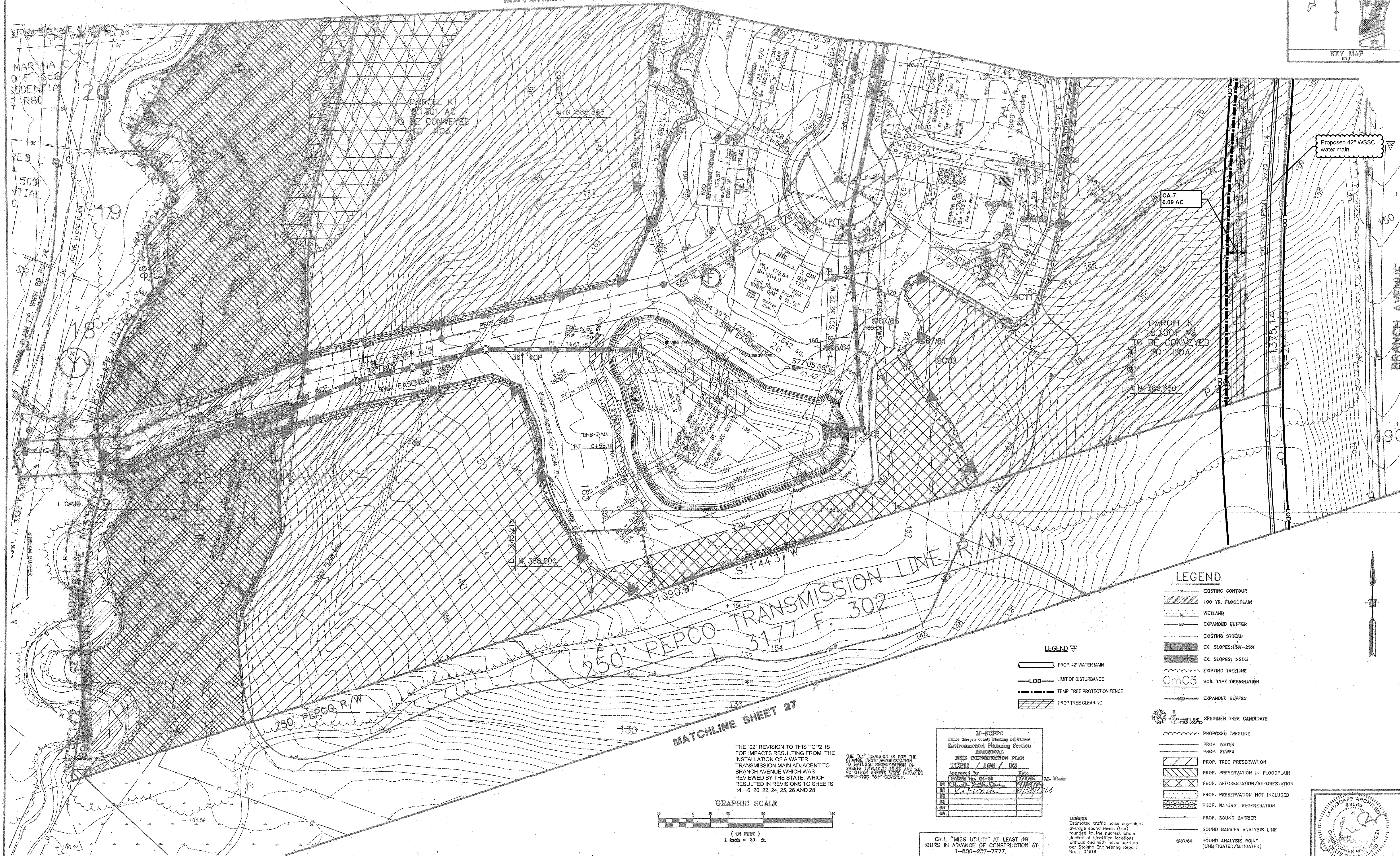
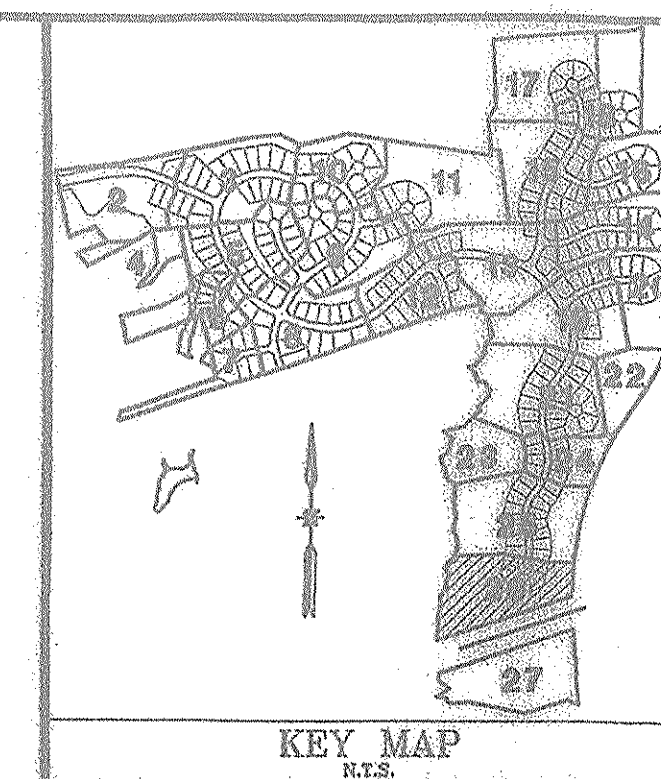
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OWNER/DEVELOPER:
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95 KETTERING DRIVE
UPPER MARLBORO, MD. 20774

**TREE CONSERVATION PLAN
TYPE II**
TIMBER RIDGE
PRINCE GEORGE'S COUNTY, MARYLAND
(9th) ELECTION DISTRICT

DATE
1/23/04
PROJECT No.
2001190
SHEET
25
OF
28
SCALE
1" = 30'

MATCHLINE SHEET 25

[illegible]

GPI **GREENMAN-PEDERSEN, INC.**
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**TREE CONSERVATION PLAN
TYPE II**

TIMBER RIDGE

PRINCE GEORGE'S COUNTY, MARYLAND

(5th) ELECTION DISTRICT

DATE	PROJECT No.
1/23/04	2001190
SCALE	SHEET
	26
1" = 30'	OF
	28

11. Cutting over clearing of woodland not in conformance with this plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$150 per square foot mitigation fee.

12. Tree Removal: The District of Environmental Resources (DER) Inspector must be contacted prior to the start of any work on the site to address implementation of Tree Conservation measures shown on this plan.

13. All appropriate bonds will be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as surety by the Building Official until all required conditions have been satisfied.

14. The location of all Tree Protection Devices (TPDs) for areas of preservation shown on this plan shall be marked or staked in the field prior to the pre-construction TPD location by the DER Inspector, installation of the TPDs may begin. TPD installation shall be completed prior to the start of any clearing or grading activities. No cutting or clearing of trees may begin before final approval of TPD installation.

15. Since work on this project will be initiated in several phases all work required for a given phase shall be completed prior to the start of the next phase.

16. Workmark: Conservation - Tree Save Areas shall be posted as shown at the same time as Tree Protective Device installation. The signs shall remain in place until the disturbance has been reduced to a depth of at least 18 inches using a vibratory plow (cable laying machine) or other approved method.

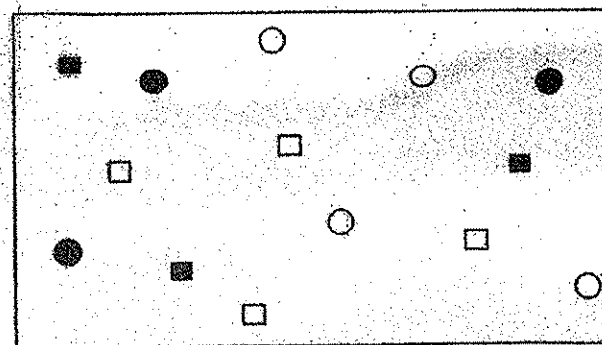
17. Disturbance is liable for any damages or losses during construction to any preservation areas, features, structures, and/or existing trees.

18. Substitutions for trees, poles, paved paths, utilities, or other improvements on private or public property, shall be approved by the District of Environmental Resources (DER) Inspector.

19. Substitutions for trees shown on this plan - in-field location and substitutions must be approved by the DER Inspector.

20. Clearing: Clearing of trees shown below (Dettl 1) is to be used for both preservation and restoration purposes.

21. Clearing: Clearing proposed in area indicated on sheet 2 to include removal of invasive plants, brambles, and some trees less than two inches diameter at breast height.



LEGEND

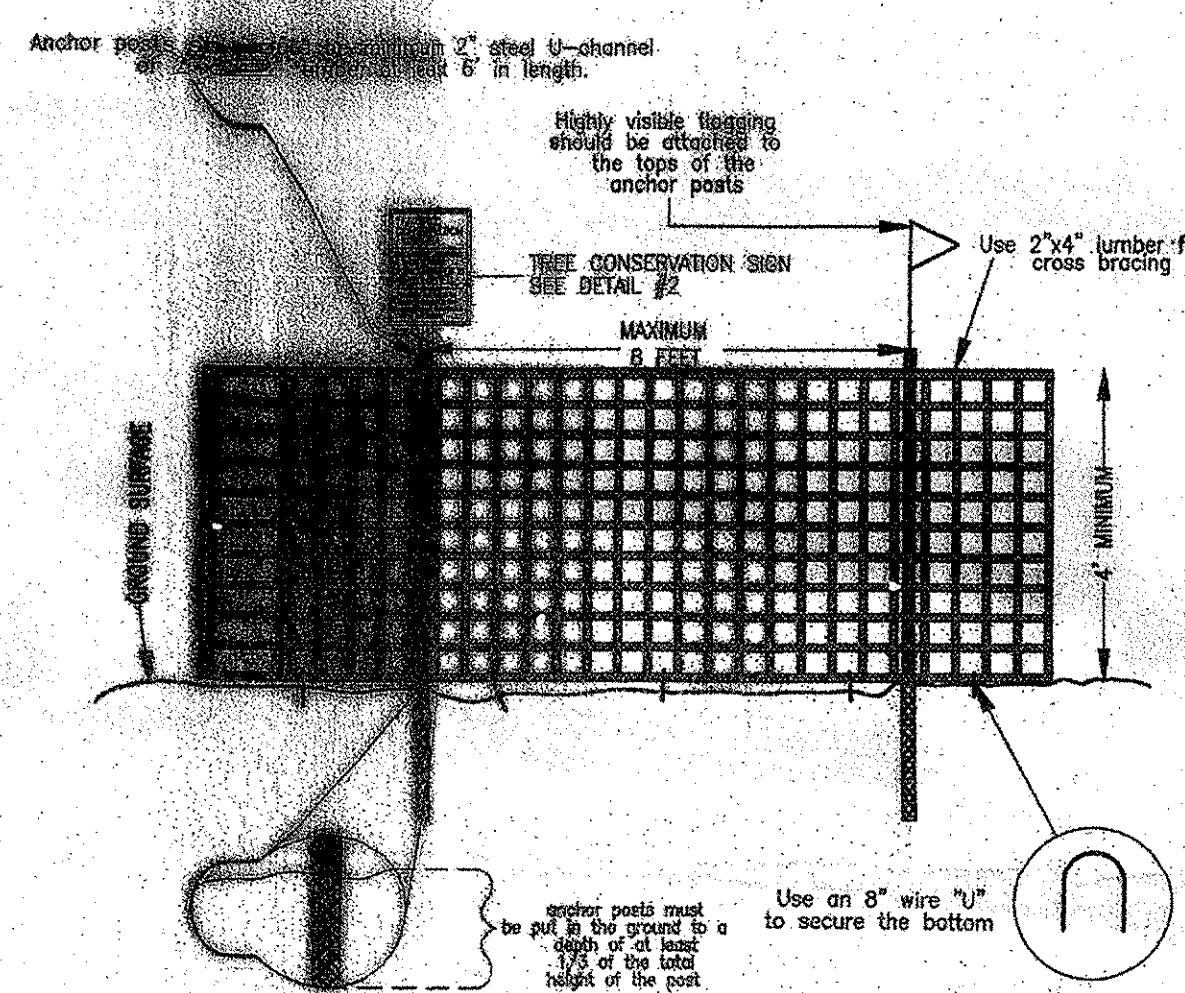
● RED MAPLE	■ AMERICAN HOLLY
○ PIN OAK	□ SWEETGUM

SPECIES	CONDITION	QUANTITY
ACER RUBRUM - RED MAPLE	WHIP	1108 (20%)
QUERCUS FALCATA - PIN OAK	WHIP	1662 (30%)
LIQUIDAMBAR STYRACIFLUA - SWEETGUM	WHIP	1662 (30%)
ILEX OPACA - AMERICAN HOLLY	WHIP	1108 (20%)
2.77 acres x 1,000 trees/acre = 2,770 x 1/2 inch average caliper =		5,540

2.77 acres x 1,000 inch calipers/acre = 2,770 x 1/2 inch average caliper = 5.54

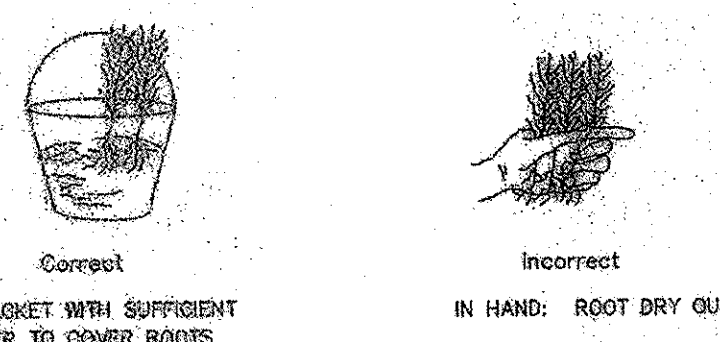
Note: At least 25% of chips for each species shall be 1" caliper material or larger and be at least 50 inches in height.

1. Seedlings ~~shall~~ be in hard plastic open medium containers of specific size and location, at an average spacing of 1 foot and 6 inches per seedling, in 2000 Series or "Barnack Rearing" method.
2. Seedlings shall be in an open bed quickly, especially near columns, before planting, and come from 200 Series containers.
3. Containers shall be placed for proper care of seedlings, including draining, in design.
4. ~~and~~ ~~the~~ ~~seedlings~~ ~~shall~~ ~~be~~ ~~placed~~ ~~in~~ ~~the~~ ~~containers~~ ~~in~~ ~~the~~ ~~order~~ ~~of~~ ~~planting~~ ~~to~~ ~~the~~ ~~transplant~~ ~~placed~~ ~~with~~ ~~the~~ ~~seedlings~~ ~~in~~ ~~the~~ ~~containers~~ ~~in~~ ~~the~~ ~~order~~ ~~of~~ ~~planting~~ ~~to~~ ~~the~~ ~~transplant~~ ~~placed~~ ~~with~~ ~~the~~ ~~seedlings~~ ~~in~~ ~~the~~ ~~containers~~ ~~in~~ ~~the~~ ~~order~~ ~~of~~ ~~planting~~ ~~to~~ ~~the~~ ~~transplant~~ ~~placed~~ ~~with~~ ~~the~~ ~~seedlings~~ ~~in~~ ~~the~~ ~~containers~~ ~~in~~ ~~the~~ ~~order~~ ~~of~~ ~~planting~~ ~~to~~ ~~the~~ ~~transplant~~ ~~placed~~ ~~with~~ ~~the~~ ~~seedlings~~ ~~in~~ ~~the~~ ~~containers~~ ~~in~~ ~~the~~ ~~order~~ ~~of~~ ~~planting~~ ~~to~~ ~~the~~ ~~transplant~~ ~~placed~~ ~~with~~ ~~the~~ ~~seedlings~~ ~~in~~ ~~the~~ ~~containers~~ ~~in~~ ~~the~~ ~~order~~ ~~of~~ ~~planting~~ ~~to~~ ~~the~~ ~~transplant~~ ~~placed~~ ~~with~~ ~~the~~ ~~seedlings~~ ~~in~~ ~~the~~ ~~containers~~ ~~in~~ ~~the~~ ~~order~~ 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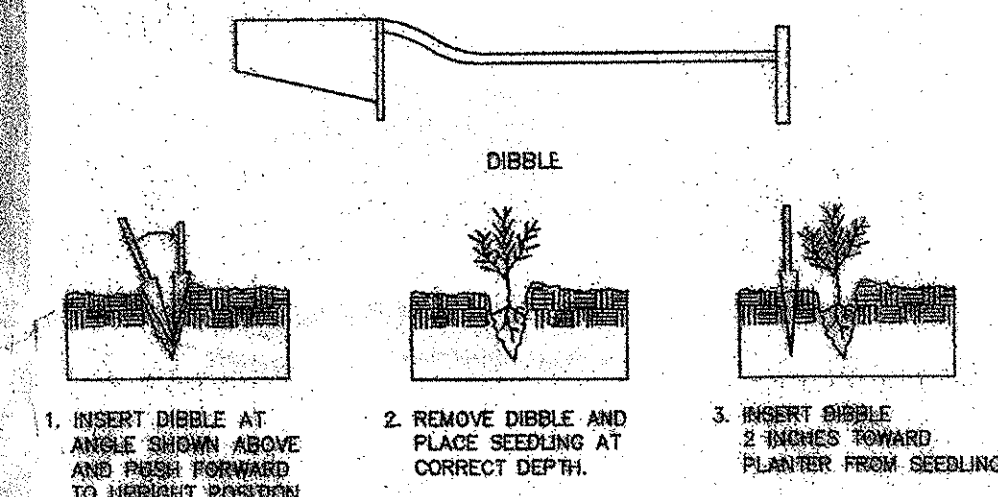
- [illegible]

1 TREE PROTECTION DEVICE
TYP BLAZE ORANGE PLASTIC MESH

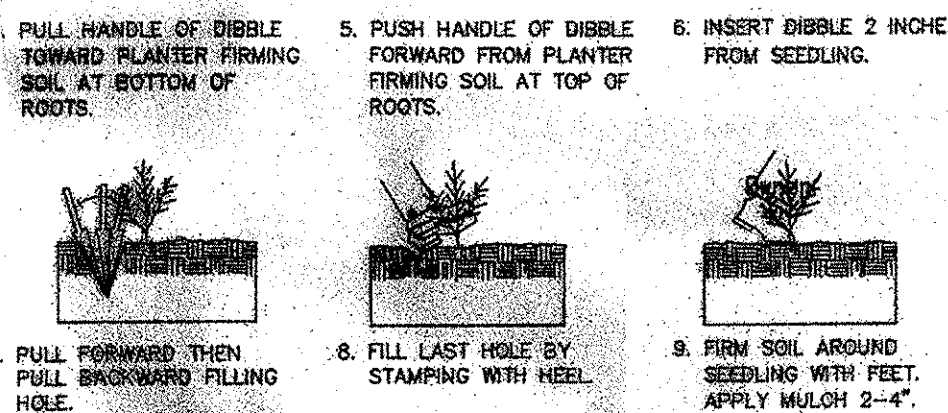


NOTE:
Seedlings dry out very quickly and, once dry,
often are not usable even after moistening.

A. DIBBLE PLANTING

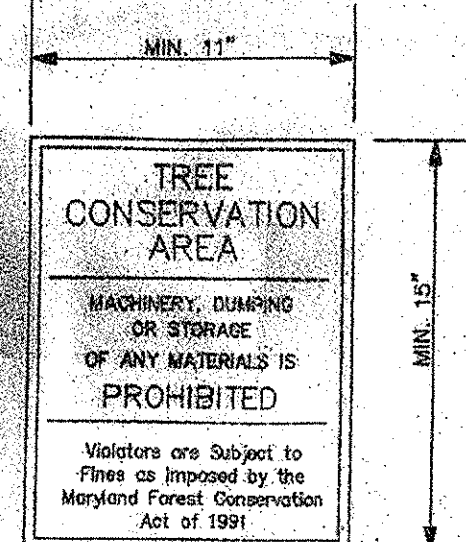


SOURCE: adapted from the Maryland State FOREST CONSERVATION MANUAL



1. INSERT MATTOCK. LIFT HANDLE AND PULL.
2. PLACE SEEDLING ALONG STRAIGHT SIDE AT CORRECT DEPTH.
3. FILL IN AND PACK SOIL TO BOTTOM OF ROOTS.
4. FINISH AROUND SEEDLING WITH SOIL.
5. FINISH FILLING IN BED AND FIRM WITH FEET. APPLY MULCH 2-4".
6. (This step is not explicitly labeled with a number in the diagram, but it is the final step shown.)

SOURCE: adapted from the Maryland State FOREST CONSERVATION MANUAL



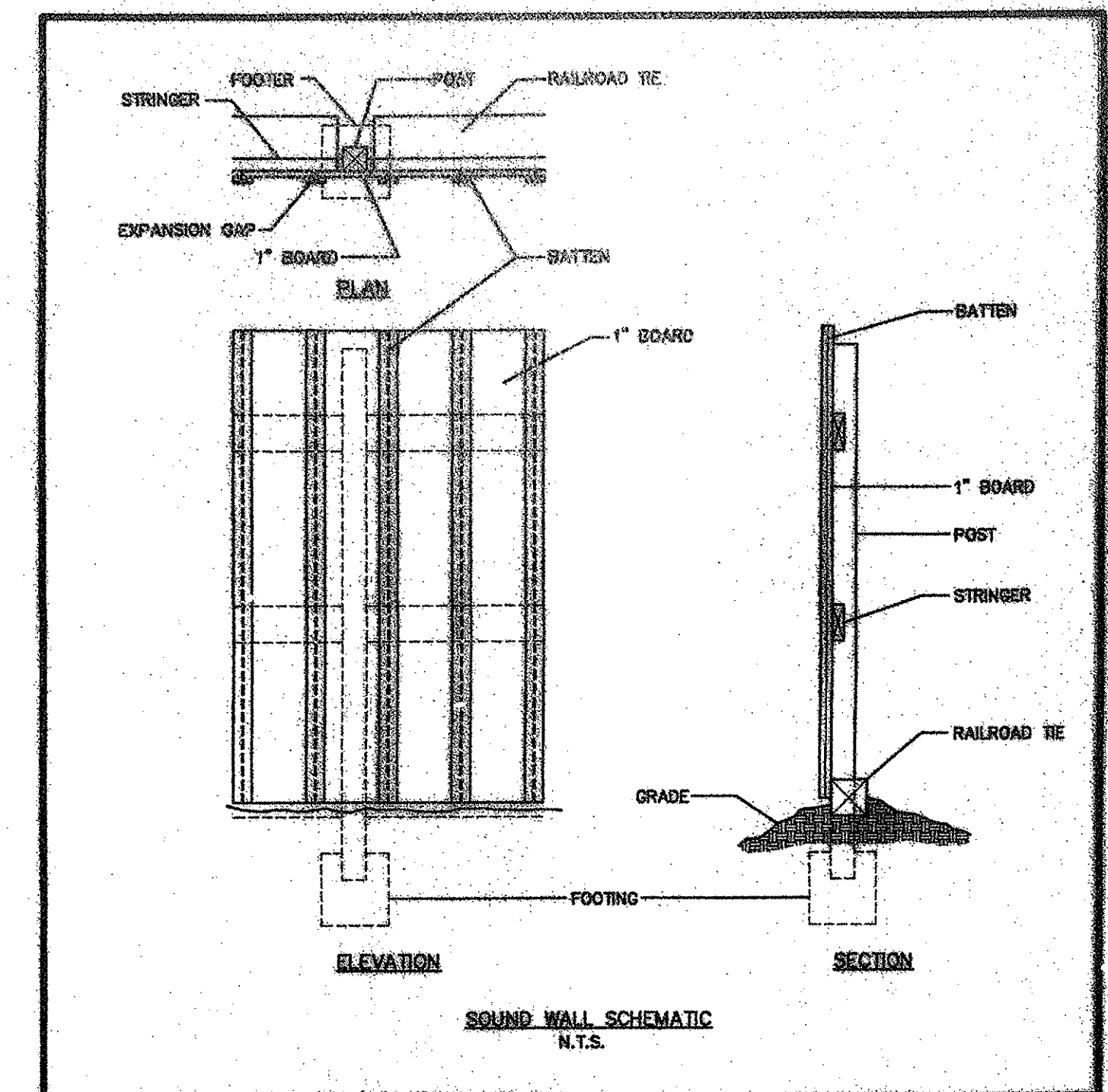
- NOTES:
1. SIGN TO BE LAMINATED CARDBOARD WITH WHITE ON RED PRINT.
 2. BOTTOM OF SIGNS TO BE HIGHER THAN TOP OF TREE PROTECTION FENCE
 3. SEE NOTE 4 UNDER TREE PROTECTION DEVICE.

2 TREE CONSERVATION SIGN
TYP

[illegible]

GPI **GREENMAN-PEDERSEN, Inc.**
ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION ENGINEERS & INSPECTORS
10620 GUILFORD ROAD, SUITE 100 JESSUP, MD 20794
WASH. (301) 470-2772 BALT. (410) 880-3055
FAX: (301) 490-2649 www.gpinet.com

OWNER/DEVELOPER:
TIMBERLAKE CLINTON, LLC
95 KETTERING DRIVE
UPPER MARLBORO, MD. 20774



Clearing Summary for "02" Revision		
Sheet	CA	Area Cleared
14	1	0.15AC
16	2	0.16AC
20	3	0.26AC
22	4	0.26AC
24	5	0.15AC
25	6	0.20AC
26	7	0.09AC
total area:		1.27AC

THE "01" REVISION IS FOR THE
CHANGE FROM AFFORESTATION
TO NATURAL REGENERATION ON
SHEETS 1, 15, 19, 21, 23, 26 AND 28.
NO OTHER SHEETS WERE IMPACTED
FROM THIS "01" REVISION.

THE "02" REVISION TO THIS TCP2 IS FOR IMPACTS RESULTING FROM THE INSTALLATION OF A WATER TRANSMISSION MAIN ADJACENT TO BRANCH AVENUE WHICH WAS REVIEWED BY THE STATE, WHICH RESULTED IN REVISIONS TO SHEETS 14, 16, 20, 22, 24, 25, 26 AND 28.

CALL "MISS UTILITY" AT LEAST 48
HOURS IN ADVANCE OF CONSTRUCTION AT
1-800-257-7777



TREE CONSERVATION PLAN TYPE II

TIMBER RIDGE

PRINCE GEORGE'S COUNTY, MARYLAND

(5th) ELECTION DISTRICT

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EC00, EF00, BA00, PC00, slopes, VMAP