35 MODERATE INCOME DWELLINGS ARE REQUIRED TO BE PROVIDED.

ACTIVITY AREAS WILL BE BUILT ON-SITE.

mobility and functional limitations that often result from aging.

if many universal design features are required rather than optional

· 36" wide front door with exterior lighting of the entrance

all interior doorways at least 32° wide (36° is preferable)

· blocking for grab bars in walls in bathroom walls near toilet and shower

· entry door approach with 18"-24" of clearance at side adjacent to handle

maximize accessible path between main living rooms (preferably 38-42"

· parallet and forward approach maneuvering space in front of appliances and plumbing fixtures

· lever handles on kitchen and bathroom sinks, plus shower

main electrical breaker box located on the first floor

handrails on both sides of exterior and interior stairs

multi-level or adjustable kitchen countertops and work spaces

· 5' turning radius or T turn in kitchen and first floor bathroom

· anti scald devices on all plumbing fixtures

· hallways at least 36" wide. (40-42" is preferable)

lever handles on interior and exterior doors

· low maintenance exterior materials

DESIRABLE

covered main entry

slip resistant flooring

CUSTOM OPTIONS security system visual 10 of visitors visual smoke detectors

lighting in closets and pantry

closet rods adjustable from 3' to 5'-6'

slip resistant flooring in kitchen and bath

outlout shelves for kitchen base cabinets

front mounted controls on stove

hand held showerhead in shower

curbless shower

installation of oab bars in bathroom

THE PROJECTED DENSITY OF THE HOUSING IS 2.6298 UNITS PER NET ACRE

THE CONDOMINIUM SINGLE FAMILY ATTACHED GARAGE VILLAS TOWNHOUSES AND DETACHED UNITS.

· for multi-family apartment or condo developments, an accessible path between parking, dwelling units, and common areas that meets ADA standards

Switches, doorbells, thermostats, and breaker boxes should be located no more than 48° above the floor, electrical receptacles should be at least 15° above the floor

· complete living area including master bedroom & bath on first floor (or elevator access if multi-story rental/condo apartments)

UNIVERSAL DESIGN GUIDELINES

Office Research, Community Center Transition, and Residential Institutional zoning districts. Active adult developments must be appropriately designed for adults at least 55 years of age. Site

improvements must ensure accessible routes between parking, dwelling units and common areas. Individual dwellings must incorporate universal design features to be adaptable for residents with

Design standards for site accessibility and usable common areas have been established for multifamily housing by the Americans with Disabilities Act and the Pair Housing Act of 1988. While recognized standards for individual units for older adults have not been established. "Universal Design" is a relatively new, evolving concept that provides some guidance.

Accordingly, the Department of Planning and Zoning met with several senior housing a developers, representatives b? the Homes for Life Coalition of Howard County, and the Department of

Inspections, Licenses, and Permits to discuss minimum requirements. Divergent views were expressed regarding what features should be required vs optional Features vary considerably in cost.

relevance for different users, and adaptability to different sites and project types. Developers' chief concerns were that the current market doesn't perceive a need for most universal design features since the oldest boomers are still relatively young and aren't focused on how their needs may change over time. Concern was also expressed about increasing the cost of senior housing

These quidelines reflect a middle position focusing on requiring those features that are relatively inexpensive if part of initial construction, but would require major renovation to retrofit in the

· for single family detached and attached developments, a "no-step" access to the front entrance to the community building and all dwellings (a no-step entrance is desirable, but not required

FOR AGE-RESTRICTED ADULT HOUSING IN HOWARD COUNTY

The Howard County Zoning Regulations allow for "active adult housing" as either a conditional use in residential zoning districts or as a permitted use in the Planned Senior Community. Planned

BULK PARCEL 'A

PRELIMINARY PLAN

GTW'S WAVERLY WOODS

SECTION 14

BULK PARCEL 'A'

PHASE I - UNITS 2 THRU 7 & 36 THRU 39

"THE COURTYARDS AT WAVERLY WOODS - WEST" TOWNHOUSE & SINGLE FAMILY HOME CONDOMINIUMS

"AGE-RESTRICTED ADULT HOUSING COMMUNITY"

ZONED: PSC (PLANNED SENIOR COMMUNITY DISTRICT) GRID No. 3 & 4 PARCEL No. 120, P/O 221 & P/O 249 TAX MAP No. 16

> THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

HOWARD COUNTY CONTROL STATION LENGLISH BOND COURT - EVENING DEW DRIVE

VICINITY MAP

ADC STREET MAP: MAP 11 GRID A2

CONDITIONS OF APPROVAL WITHIN ZB 1027 M.

- 1. PETITIONER SHALL HAVE THE OPTION OF PROVIDING THE REQUIRED 35 MODERATE INCOME HOUSING UNITS OFF-SITE AT WAVERLY GARDENS: (5DP-04-60). 2. PETITIONER SHALL PROVIDE HANDICAP ACCESS TO THE GARAGES OF ALL DWELLING UNITS; 3. PETITIONER SHALL PROVIDE A CONNECTING PATHWAY TO THE PROPOSED COMMUNITY
- BUILDING AS DETAILED IN THIS DECISION: PETITIONER SHALL INCLUDE: THE SURVIVORSHIP PROVISIONS DETAILED IN THIS DECISION IN ITS AGE RESTRICTION ENFORCEMENT COVENANTS; . PETITIONER SHALL PROVIDE A MEDIAN DESIGN FOR THE ACCESS TO THE SUBJECT PROPERTY AS DETAILED IN THIS DECISION: AND
- PETITIONER SHALL OFFER TO ALL RESIDENTS OF THE PROPOSED SUBJECT COMMUNITY DISCOUNTED MEMBERSHIPS IN THE HEALTH AND FITNESS CENTER AND WAVERLY WOODS GOLF COURSE AS DETAILED IN THIS DECISION; AND

(2) GRANTS THE PETITIONER'S REQUEST TO AMEND THE DOCUMENTED SITE PLAN AS PROPOSED BY PETITIONER FOR THOSE PORTIONS OF THE SITE SUBJECT TO THE ORIGINAL APPROVED DOCUMENTED SITE PLAN IN ZB CASE 929M.

ROAD	CLASSIFICATION C	HART
ROAD NAME	CLASSIFICATION	R/W WIDTH
BARNSLEY WAY	MINOR COLLECTOR	60'
ROAD 'A'	PRIVATE ACCESS STREET	N/A

STREET SIGN CHART						
STREET NAME	STATION	OFFSET	POSTED SIGN	SIGN CODE		
BARNSLEY WAY	Y 2+00 20'R SPEED LIMIT 30 MPH R2-1					
ROAD 'A' 0+54 17'L STOP RI-1						
ROAD 'A' 1+00 15'R SPEED LIMIT 25 MPH R2-1				R2-1		
BARNSLEY WAY	0+68	9+68 8'R KEEP RIGHT R4-7				
BARNSLEY WAY	1+13	Ø'R	O'R KEEP RIGHT R4			
BARNSLEY WAY	2+55	23'L	ADVANCE INTERSECTION LANE CONTROL	R3-8b		
BARNSLEY WAY	4+00	23'L	SIGNAL AHEAD	W3-3		

	STREET	5IGN	CHART		
ROAD	A, LAKI	ATE ACC	ESS STREET	N/A	
0010					

STREET SIGN CHART					
STREET NAME STATION OFFSET POSTED SIGN SIGN COI					
2+00	28'R	SPEED LIMIT 30 MPH	R2-1		
0+54	17'L	17'L STOP R1-1			
1+00	15'R	SPEED LIMIT 25 MPH	R2-1		
0+68	8'R	B'R KEEP RIGHT R4-			
1+13	Ø'R	KEEP RIGHT	R4-7		
2+55	23'L	ADVANCE INTERSECTION LANE CONTROL	R3-8b		
4+00	23'L	SIGNAL AHEAD	W3-3		
	5TATION 2+00 0+54 1+00 0+68 1+13 2+55	5TATION OFFSET 2+00 28'R 0+54 17'L 1+00 15'R 0+68 8'R 1+13 8'R 2+55 23'L	STATION OFFSET		

SINGLE FAMILY HOMES = (2 UNITS)	REQUIRED	PROPOSED
ATTACHED DOUBLE CAR GARAGE PARKING SPACES: (4 PER UNIT - 2 GARAGE AND 2 DRIVEWAY)	4 SPACES	Ø SPACES
TOWNHOUSES (Ø UNITS) ATTACHED DOUBLE CAR GARAGE PARKING SPACES: (4 PER UNIT - 2 GARAGE AND 2 DRIVEWAY)	16 SPACES	32 SPACES
ON-STREET PARKING SPACES:		24 SPACES
TOTAL	20 SPACES	64 SPACES

STREET LIGHT CHART						
STREET NAME	STATION	OFFSET	FIXTURE/POLE TYPE	COMMENTS		
	0+79	34'R				
BARNSLEY	1+10	40'L	ISO LUTT POOCHTOR HOS MADOS			
WAY	2+15	32'L	- 150-WATT "PREMIER" H.P.S. VAPOR - FIXTURE, POST TOP FIXTURE MOUNTED ON			
(PUBLIC) 3+52	23'R	A 14-FOOT BLACK FIBERGLASS POLE.				
	6+15	23'L	THE TOTAL PERSON TO THE PERSON			
	7+17	24'R				
ROAD 'A' (PUBLIC)	0+52	18'R				
	2+03	23'R				
ROAD	ROAD 5+47	15'L	150-WATT "PREMIER" H.P.S. VAPOR			
'A' 9+05	15'L	FIXTURE, POST TOP FIXTURE MOUNTED ON A 14-FOOT BLACK FIBERGLASS POLE.				
(PRIVATE) IN CUL-DE-SAC N 537123.86 E 827950			A 17-1 COT DEACK FIDENCEASS FOLE.			

GENERAL NOTES CONTINUED:

- 43. The Zoning Board Of Howard County (ZB Case No. 1027M On June 10, 2003 Approved The Reclassification Of 151.3 Acres From PEC To PSC Subject To The Following Conditions:
 - 1. Petitioner Shall Have The Option Of Providing The Required 35 Moderate Income Housing Units Off-Site At Waverly Gardens (SDP-04-60): 2. Petitioner Shall Provide Handicap Access To The Garages Of All Dwelling Units:
- 3. Petitioner Shall Provide A Connecting Pathway To The Proposed Community Building As Detailed In This Decision
- 4. Petitioner Shall Include The Survivorship Provisions Detailed In This Decision In Its Age Restriction Enforcement Covenants:
- 5. Petitioner Shall Provide A Median Design For The Access To The Subject Property As Detailed In This Decision
- 6. Petitioner Shall Offer To All Residents Of The Proposed Subject Community Discounted Memberships In The Health And Fitness Center And Waverly Woods Golf Course As
- (2) Grants The Petitioner's Request To Amend The Documented Site Plan As Proposed By Petitioner For Those Portions Of The Site Subject To The Original Approved Documented Site Plan In ZB Case 929M.

OWNERS

c/o LAND DESIGN AND DEVELOPMENT, INC ELLICOTT CITY, MARYLAND 21042

DEVELOPER

PER ZONING SECTION 128.A.1(d).

BUILDING SHALL BE COMPUTED AS FOLLOWS:

ELLICOTT CITY, MARYLAND 21042

(443) 367-0422

BULK PARCEL 'A' PHASE I - UNITS 2 THRU 7 & 36 THRU 39 TOWNHOUSE & SINGLE FAMILY HOME CONDOMINIUMS

> ZONED: PSC TAX MAP No.: 16 PARCEL No.: 120, P/O 221 & P/O 249 GRID NO.: 3 & 4 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE: AS SHOWN DATE: NOVEMBER 10, 2008

TITLE SHEET

GTW'S WAVERLY WOODS

SECTION 14

ALL OF THE 139 SINGLE FAMILY ATTACHED GARAGE VILLAS TOWNHOUSES WILL BE CONSTRUCTED, WITH FIRST FLOOR MASTER BEDROOMS AND SECOND AND THIRD BEDROOMS UPSTAIRS. . ALL OF THE SINGLE FAMILY ATTACHED AND DETACHED UNITS WILL HAVE 2-CAR GARAGES. 5. THE EXTERIOR WALLS OF BOTH THE SINGLE FAMILY ATTACHED GARAGE VILLAS TOWNHOUSESAND DETACHED UNITS WILL BE BRICK AND/OR STONE AND HARDI-PLANK. . ACCESS TO AND CIRCULATION WITHIN ALL OF THE BUILDINGS WILL BE WITHIN THE DESIGN CRITERIA OF THE AMERICANS WITH DISABILITIES ACT ("ADA"). 8. THERE WILL BE A MEANDERING PATH THROUGH THE COMMUNITY. 9. WAVERLY WOODS GOLF COURSE IS AVAILABLE TO THE RESIDENTS. 10. A SHUTTLE SERVICE WILL TRANSPORT RESIDENTS TO MEDICAL AND OTHER SERVICES, AS 11. VEHICULAR ACCESS INTO AND OFF OF THE SITE WILL BE THROUGH BARNSLEY WAY TO BE BUILT LEADING TO MARRIOTTSVILLE ROAD. 12. A 4490 SQUARE FOOT COMMUNITY BUILDING, CONTAINING A LIBRARY, MEETINGS ROOMS AND OTHER 13. THE EXTERIOR OF THE COMMUNITY BUILDING WILL BE THE SAME STONE AND HARDI-PLANK AS 14. PERSONS ELIGIBLE TO PURCHASE ANY OF THE DWELLINGS MUST BE 55 YEARS OF AGE OR OLDER. 15. CHILDREN UNDER THE AGE OF 10 MAY NOT RESIDE IN A DWELLING FOR MORE THAN 90 DAYS

FILECOTT CITY MARYLAND 21042

FISHER, COLLINS & CARTER, INC. IVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

NUMBER OF PHASE **ALLOCATION** PLANNING TENTATIVE. YEAR AREA **ALLOCATIONS** 2010 ELLICOTT CITY SENIOR EAST 2012 100 SENIOR EAST IV 2013 SENIOR EAST SENIOR EAST

PHASING PLAN VIEW

PHASING TABULATION

BULK PARCEL '

BULK PARCEL 'B'

PARKING SPACE TABULATION (PHASE I)

GTW JOINT VENTURE c/o LAND DESIGN AND DEVELOPMENT. ELLICOTT CITY, MARYLAND 21042

HOLE IN THE DONUT, LLC AND DESIGN AND DEVELOPMENT, ELLICOTT CITY, MARYLAND 21042 (443) 367-0422

WAVERLY WOODS DEVELOPMENT CORPORATION

WAVERLY WOODS DEVELOPMENT CORPORATION c/o LAND DESIGN AND DEVELOPMENT, INC. 5300 DORSEY HALL DRIVE, SUITE 102

"THE COURTYARDS AT WAVERLY WOODS - WEST" "AGE-RESTRICTED ADULT HOUSING COMMUNITY"

TENTATIVELY APPROVED

DEPARTMENT OF PLANNING AND ZONING

HOWARD COUNTY

SUBJECT PROPERTY ZONED PSC IN ACCORDANCE WITH ZB 1027 M APPROVED ON JUNE 10, 2003 BY THE ZONING BOARD OF

HOWARD COUNTY, MARYLAND FOR A RECLASSIFICATION OF 150.743 ACRES FROM PEC TO PSC. PREVIOUS HOWARD COUNTY FILES:

5-94-07, 78-929-M, 78 1027-M AND PLAT NUMBER 15022 (F-01-091), 15069 (F-01-093), 15119 (F-01-148), 15228 (F-01-147), 5-06-013 PB CASE NO. 301, F-00-159, WP-95-23, FOREST PLATS FOR F-90-00 ON THE WEST SIDE OF MARRIOTTSVILLE ROAD WERE NOT

RECORDED AND WILL BE RELOCATED ON GTW'S WAVERLY WOODS, F-07-032. DEED REFERENCES: L. 2221 / F. 297 DATED

TOTAL NUMBER OF PROPOSED AGE-RESTRICTED UNITS FOR ENTIRE SECTION 14 = 350 (2.6298 UNITS PER NET ACRE)

2. NUMBER OF SINGLE FAMILY DETACHED = 2

B. TOTAL NUMBER OF "MODERATELY INCOME HOUSING UNITS" REQUIRED FOR ENTIRE SECTION 14 PER SECTION 13.402 OF THE

COUNTY CODE (10% OF THE TOTAL NUMBER OF UNITS = 10% x 350 UNITS) = 35 UNITS SEE GENERAL NOTE No. 39 FOR

I. TOPOGRAPHIC INFORMATION ESTABLISHED AT 2 FOOT CONTOUR INTERVALS BASED ON AERIAL PHOTOGRAPHIC CONTOUR MAPPING

4. REFUSE COLLECTION, SNOW REMOVAL AND PRIVATE ROAD MAINTENANCE WILL BE PROVIDED BY THE HOMEOWNER'S ASSOCIATION

COMMUNITY CENTER PARKING SPACES REQUIRED = (4,490 sq.ff. x 3.3 SPACES/1000 sq.ff.) = 14.82 or 15 SPACES

18. ALL INTERIOR ROADS AND PARKING AREAS ARE PRIVATELY OWNED AND AND MAINTAINED BY THE COURTYARDS AT WAVERLY

20. FOREST STAND DELINEATION PREPARED BY ENVIRONMENTAL SYSTEM ANALYSIS, INC. AND APPROVED ON NOVEMBER 30, 1993

21. DRIVEWAY(5) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY

C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45 FOOT TURNING RADIUS D) STRUCTURES (CULVERTS/BRIDGES) CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)

. COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED UPON

ELEV. = 509.924

MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY CONTROL STATIONS 1012 AND 16E1 WERE USED FOR THIS

24. STORMWATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY AND MARYLAND 378 SPECIFICATIONS.

25. THE TRAFFIC STUDY WAS PREPARED BY THE TRAFFIC GROUP AND APPROVED ON NOVEMBER 30, 2000, AS PART OF 5-94-07

PLACEMENT AND TYPE OF FIXTURE AND POLE SELECTED SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY DESIGN

MANUAL, VOLUME III (1993) AND AS MODIFIED BY "GUIDELINES FOR STREET LIGHTS IN RESIDENTIAL DEVELOPMENTS CHUNE 1993)."

THE JUNE 1993 POLICY INCLUDES GUIDELINES FOR LATERAL AND LONGITUDINAL PLACEMENT. A MINIMUM SPACING OF 20' SHALL

PROPERTY) 91-0921-5. MDE WATER QUALITY CERTIFICATION No. 91-WQ-0400 AND MDE WATER MANAGEMENT ADMINISTRATION

30. WP 95-23 WAS APPROVED ON 1/23/95 FOR DISTURBANCE TO WETLANDS, FLOODPLAIN, OR THEIR BUFFERS IN CERTAIN AREAS

THROUGHOUT THE "WAVERLY WOODS" PROJECT. THE AREAS APPROVED LINDER THIS WAIVER WERE ASSOCIATED WITH THAT AREA OF THE PROJECT EAST OF MARRIOTTSVILLE. THE PROPOSED BARNSLEY WAY ROAD ACCESS SHOWN ON THIS SKETCH PLAN HAS BEEN DETERMINED A NECESSARY DISTURBANCE FOR THE PURPOSE OF A PUBLIC ROAD ACCESS INTO THE SITE, PER SECTION 16.116(c). ALL APPLICABLE MDE AND CORPS OF ENGINEERS PERMITS ARE BEING PROCESSED FOR THE PROPOSED ROAD CROSSING, WHICH WILL BE VIA A BRIDGE CROSSING AT THE DIRECTION OF MDE AND THE CORPS OF ENGINEERS. DETAILED

A. AFTER THE RECORDING OF PRIOR GTW'S WAVERLY WOODS RECORD PLATS INCLUDING F-00-159, PROPERTY OF GTW JOINT VENTURE, THE REMAINING FOREST OBLIGATION IS 17.46 ACRES RETENTION (95.7 ACRES - 78.24 ACRES) AND 15.11 ACRES

B. SEE ATTACHED "MASTER OVERALL FOREST CONSERVATION, GTW'S WAVERLY WOODS" TABULATION SHOWN ON SHEET 4.

32. THE PREVIOUS WETLANDS REPORT PREPARED BY ENVIRONMENTAL SYSTEMS ANALYSIS, INC. AND APPROVED WITH 5-94-07 ON NOVEMBER 30, 1993 HAS BEEN RE-CERTIFIED UNDER THIS PLAN BY ECO-SCIENCE PROFESSIONALS, INC. DATED APRIL, 2006 AND

33. THE NOISE STUDY FOR THIS PROJECT WAS PREPARED BY MARS GROUP DATED MARCH, 2006 AND WAS APPROVED UNDER THE 5-06-013 PLAN DATED JANUARY 17, 2000. A REVISED NOISE STUDY WAS PREPARED BY MARS GROUP DATED MAY, 2000 AND APPROVED UNDER P-08-010 ON. THE 65 DBA NOISE CONTOUR LINE DRAWN ON THIS PLAT IS ADVISORY AS REQUIRED BY THE

HOWARD COUNTY DESIGN MANUAL, CHAPTER 5, REVISED FEBRUARY, 1992 AND CANNOT BE CONSIDERED TO EXACTLY LOCATE THE 65 DBA NOISE EXPOSURE. THE 65 DBA NOISE LINE WAS ESTABLISHED BY HOWARD COUNTY TO ALERT DEVELOPERS. BUILDERS AND FUTURE RESIDENTS THAT AREAS BEYOND THIS THRESHOLD MAY EXCEED GENERALLY ACCEPTED NOISE LEVELS

THIS PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.

17. SOIL TYPES TAKEN FROM HOWARD COUNTY SOIL SURVEY DATED JULY 1960, PAGES Ø & 9 AND WERE THE BASIS FOR THE SWM 38. THE PLANNING BOARD APPROVED, ON NOVEMBER 1, 2007, PB CASE NO. 381. GTW'S WAVERLY WOODS. SECTION 14. BUTK PARCEL A', "THE COURTYARDS AT WAVERLY WOODS - WEST" A COMPREHENSIVE SKETCH PLAN (5-06-13) AND DEVELOPMENT CRITERIA

FOR THE DEVELOPMENT OF 350 AGE-RESTRICTED ADULT HOUSING UNITS (139 SINGLE FAMILY ATTACHED UNITS AND 211 SINGLE

B. TOTAL NUMBER OF "M.I.H.U." PROVIDED = 35 UNITS PER ZB CASE NO. 1027M AND PB CASE NO. 301 (THE REQUIRED M.I.H.U.

40. TOTAL NUMBER OF "MODERATELY INCOME HOUSING UNITS" (M/I.H.U.) REQUIRED FOR THIS SITE PER THE 'PSC' ZONING

41. IN ACCORDANCE WITH ZONING SECTIONS 127.1.B.B.a & b, THE REQUIRED MINIMUM SQ.FT. FLOOR AREA OF THE COMMUNITY

b. 10 sa.ft. OF FLOOR AREA PER UNIT FOR EACH ADDITIONAL UNIT ABOVE 99 = 2,510 sq.ft.

THE COMMUNITY BUILDING WILL BE CONSTRUCTED UNDER SITE DEVELOPMENT PLAN WITH PHASE III OF SECTION 14.

42. THE ORIGINAL OR BASE MODEL FLOODPLAIN STUDY FOR GTW'S WAVERLY WOODS WAS PREPARED BY MILDENBERG, BOENDER &

A REVISED FLOODPLAIN STUDY WAS PREPARED BY FISHER, COLLINS & CARTER, INC. DATED NOVEMBER, 2006 AND APPROVED

A REVISED FLOODPLAIN STUDY WAS PREPARED BY FISHER, COLLINS & CARTER, INC. DATED APRIL 17, 2000 THAT MODELS THE PROPOSD CULVERTS FOR THE BARNSLEY WAY STREAM CROSSING. THIS FLOODPLAIN STUDY WAS APPROVED FOR P-08-010 ON _LQ_28_LQ8_.

c. TOTAL 54.ft. FLOOR AREA REQUIRED FOR THE COMMUNITY BUILDING = 4,490 sq.ft.

REFORESTATION (100.0 ACRES - 93.69 ACRES) TO BE PROVIDED ON GTW'S WAVERLY WOODS. SECTION 14

STREET LIGHTS WILL BE REQUIRED IN THIS DEVELOPMENT IN ACCORDANCE WITH THE DESIGN MANUAL. STREET LIGHT

20. PERMITS APPLICABLE FOR THIS SUBDIVISION ARE AS FOLLOWS: WETLAND PERMIT AUTHORIZATION No. CENAB-OP-RP (GTW

FOR PHASE I, WATER QUALITY WILL BE PROVIDED BY A MICRO-POOL FACILITY. STORMWATER MANAGEMENT POND IS PRIVATELY OWNED BY THE H.O.A. AND JOINTLY MAINTAINED BY THE H.O.A. AND HOWARD COUNTY, MARYLAND. NOTE: THE STORMWATER MANAGEMENT STUDY FOR GTW'S WAVERLY WOODS, SECTION 12, BULK PARCEL A, HAS BEEN COMPARED TO THE HYDROLOGY BASELINE STUDY PREPARED BY MILDENBERG ASSOCIATES, INC., OCTOBER, 1994, FOR CONSISTENCY WITH THE ORIGINAL

DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER

B) SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING

COMITS 4 SPACES/UNITY

CONTINUE AND ACCESSUATED IN PERPENDICULAR PARKING BAYS ALONG ROAD 'A')

COMMUNITY CENTER PARKING SPACES = 0 SPACES

(Ø SPACES + 32 SPACES + 24 SPACES + 0 SPACES)

F. OVERALL PARKING SPACE RATIO = 6.4 SPACES/UNIT (64 SPACES FOR 10 UNITS) 17. BARNSLEY WAY IS A PUBLIC ROAD AND MAINTAINED BY HOWARD COUNTY, MARYLAND.

19. PUBLIC WATER AND SEWER WILL BE USED WITHIN THE PROJECT, CONTRACT No. 24-4380-D.

VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:

A) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE)

G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE

E 1340192.7110

AND AMENDED UNDER 5-06-13 AND APPROVED ON JANUARY 17, 2008. INVESTIGATION REPORT WAS PREPARED BY I.T.E., INC. ON JUNE 28, 1994.

LETTER OF RECEIPT TRACKING Nos. 199100921 AND 199191509 (91-WC-0812).

1. PROPOSED NUMBER OF UNITS IN PHASE ONE = 10 UNITS

TOTAL NUMBER OF UNITS IN SECTION 14 = 350 UNITS

ESTABLISHED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT THE HOWARD COUNTY LANDFILL IS LOCATED IMMEDIATELY WEST OF THIS PROJECT

6. NO HISTORIC STRUCTURES OR CEMETERIES EXIST ON THE SUBJECT PROPERTY.

FAMILY DETACHED UNITS) ON 149.40 ACRES OF LAND ZONED PLANNED SENIOR COMMUNITY

. TOTAL NUMBER OF "M.I.H.U." REQUIRED = 350 UNITS X 1 M.I.H.U/10UNITS = 35 UNITS

DISTRICT IS 10% OF THE TOTAL NUMBER OF UNITS CALCULATED AS FOLLOWS:

ASSOC., DATED OCT. 1994 AND WAS APPROVED UNDER 5-94-007 IN OCTOBER, 1994.

39. DECKS ON THE UNITS ARE ALLOWED TO EXTEND 10 FEET INTO THE PROJECT BOUNDARY SETBACK

UNITS ARE PROVIDED UNDER SDP-04-60 "WAVERLY GARDENS" IN THE 102 UNIT BUILDING).

a. 20 sq.ft. OF FLOOR AREA PER UNIT FOR THE FIRST 99 UNITS = 1,980 sq.ft

DESIGN PLANS WILL BE PREPARED WITH THE FINAL PLANS.
31. TOTAL FOREST CONSERVATION OBLIGATION FOR GTW'S WAVERLY WOODS, SECTION 14, PARCEL 'A'

3. FOREST RETENTION REQUIRED = 0.499 ACRES (10 UNITS/350 UNITS x 17.46 ACRES)

FOREST REFORESTATION REQUIRED = 0.432 ACRES (10 UNITS/350 UNITS x 15.11 ACRES)

BE MAINTAINED BETWEEN AND STREET LIGHT AND ANY TREE.

29. ALL HANDICAP RAMPS SHALL MEET CURRENT ADA REQUIREMENTS.

C PHASE ONE EXPEST CONSERVATION OR ICATION:

APPROVED WITH 5-06-013 ON JANUARY 17, 2008.

FOREST RETENTION PROVIDED = 0.499 ACRES

5. FOREST REFORESTATION PROVIDED = 0.432 ACRES

23. ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.

F) STRUCTURE CLEARANCES - MINIMUM 12 FEET

12. BOUNDARY OUTLINE IS BASED ON A FIELD MONUMENTED SURVEY PERFORMED BY FISHER, COLLINS & CARTER, INC. ON OR ABOUT AUGUST 1990.

3-28-1900; L. 4463 / F. 123 DATED 10-14-1998 AND L. 5603 / F. 168 DATED 8/01/2001.

1. NUMBER OF SINGLE FAMILY ATTACHED GARAGE VILLAS (TOWNHOMES) = 8

TOTAL AREA OF PROPERTY = 149.40 AC.*

A. OPEN SPACE REQUIRED = 52.29 AC.+

13. B.R.L. DENOTES BUILDING RESTRICTION LINE.

(139 UNITS @ 2 SPACE/UNIT)

(2 UNITS . 4 SPACES/UNIT)

(8 UNITS # 4 SPACES/UNIT)

WOODS-WEST CONDOMINIUM REGIME.

DRIVEWAY SURFACE

HOWARD COUNTY MONUMENT 1012 N 601060.177

HOWARD COUNTY MONUMENT 16E1 N 593250.9322

15. REQUIRED PARKING TABULATION: (PHASES I THRU V)

D. TOTAL PARKING SPACES REQUIRED = 715 SPACES

TOTAL PARKING SPACES PROVIDED = 64 SPACES

(SFD + SFA + ON-STREET + COMMUN. CENTER)

16. PROVIDED PARKING TABULATION: (PHASE I)
A. SINGLE FAMILY DETACHED PARKING PROVIDED = Ø SPACES

B. SINGLE FAMILY ATTACHED PARKING PROVIDED = 32 SPACES

TOTAL AREA OF SLOPES IN EXCESS OF 25% = 0.00 Ac.

(133.09 AC X & UNITS/NET AC.) = 1064 UNITS

. NET TRACT AREA = 133.09 Ac.±
. AREA OF PUBLIC ROAD R/W (BARNSLEY WAY) = 1.34 AC.
. TOTAL NUMBER OF BUILDABLE UNITS ALLOWED = 1064 UNITS

B. TOTAL OPEN SPACE PROVIDED = 83.15 AC. (55.7%)

CREDITED OPEN SPACE PROVIDED = 82.33 AC± (55.1%)
NON-CREDIT OPEN SPACE PROVIDED = 0.82 AC.± (0.5%)

ON OR ABOUT NOVEMBER 1998 PROVIDED BY HARFORD AERIALS.

THE PROPERTY SHOWN IS LOCATED IN THE METROPOLITAN DISTRICT

A. SINGLE FAMILY DETACHED PARKING REQUIRED = 422 SPACES 211 UNITS • 2 SPACES (1 GARAGE & 1 PARKING PAD)

B. SINGLE FAMILY ATTACHED PARKING REQUIRED = 270 SPACES

A. NUMBER OF UNITS PROPOSED UNDER PHASE I = 10 UNITS

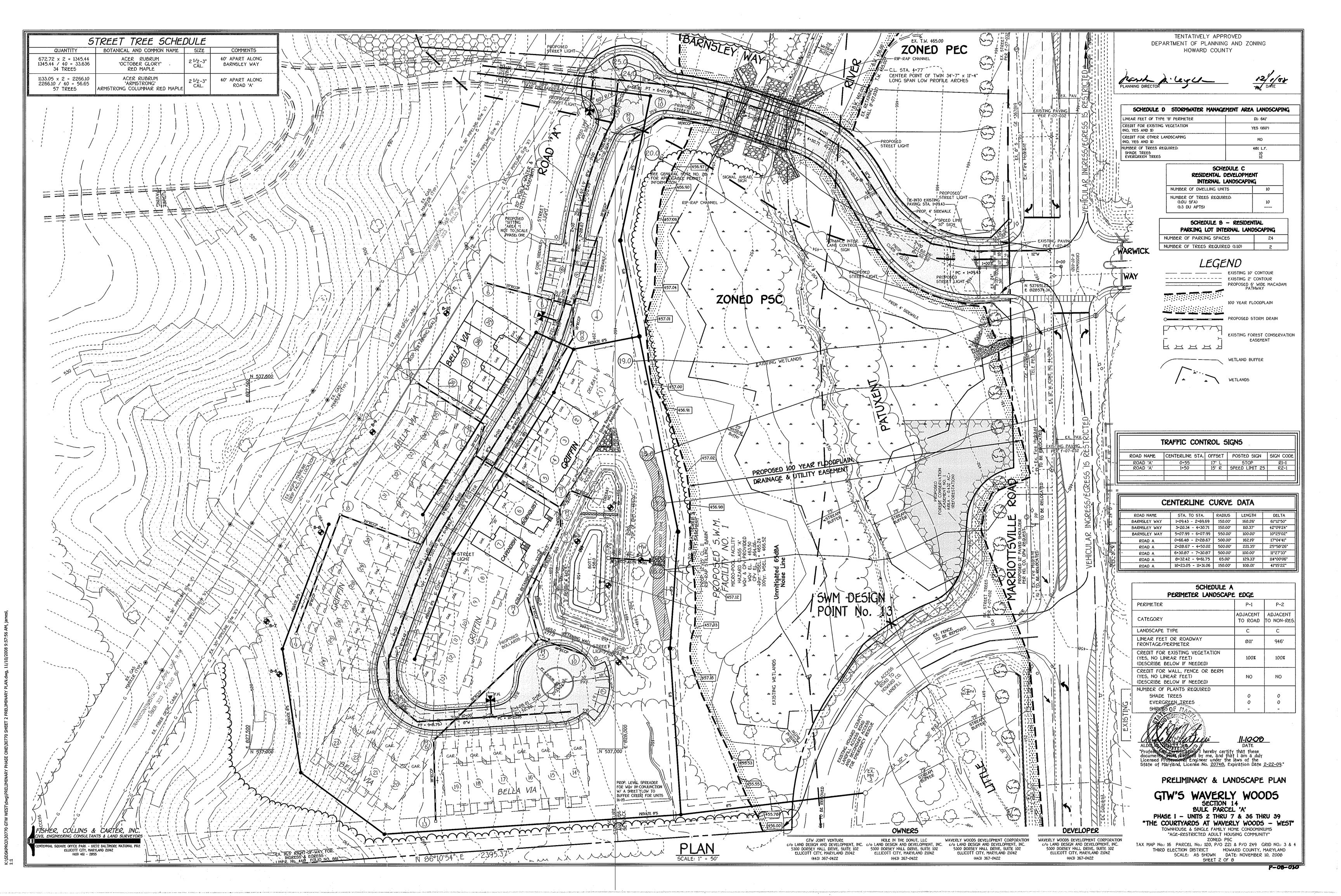
THE HOMEOWNER'S ASSOCIATION WILL ENFORCE AGE RESTRICTIONS.

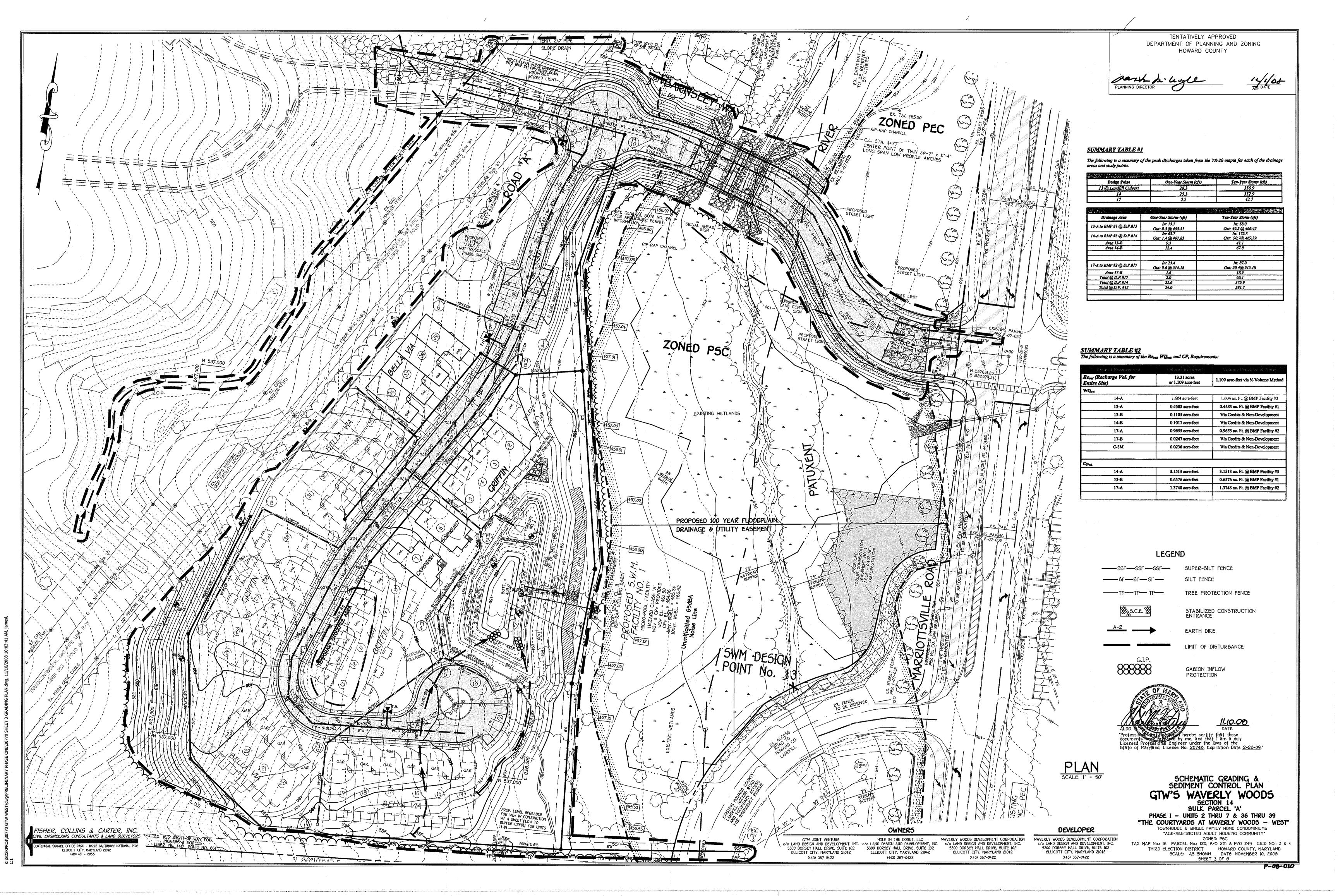
TOTAL AREA OF FLOODPLAIN = 16.31 AC

9. OPEN SPACE TABULATION

(149.40 Ac x 35%)

SHEET 1 OF 8





15.23 AC. 44.88 AC.

93.69 AC.

SOIL CLASSIFICATION

	MAS	TER OVERA	LL FORES	T CONSERVATION -	- GTW's WA	VERLY WOODS		
SECTION/AREA DESIGNATION LEGEND	HOWARD COUNTY DPZ FILE No.	FOREST RECORDING REFERENCE	AREA OF FOREST RETENTION REQUIRED	AREA OF CREDITED FOREST RETENTION PROVIDED	AREA OF FOREST PLANTING REQUIRED	AREA OF CREDITED PLANTING PROVIDED	AREA OF SURPLUS FOREST RETENTION	
SECTION 4/AREA 1 SECTION 4/AREA 2	F-95-173 F-95-174	PLAT No. 12249 PLAT No. 12250	4.09 AC.=	0.5. LOT 19 = 3.10 AC.* 0.5. LOT 10 = 0.90 AC.* OFF-SITE = 0.10 AC.* TOTAL = 4.26 AC.*	Ø.11 AC.a	WEST FRIENDSHIP ESTATES PRES. PARCEL '8' TOTAL = 0.13 AC.*	+0.17 AC.*	+0.02 AC.«
SECTION 5	F-96-179	PLAT No. 12717 PLAT No. 12719	2.58 AC.±	0.5. LOT 55 = 1.97 AC.* 0.5. LOT 6 = 0.62 AC.* TOTAL = 2.59 AC.*	2.55 AC.±	0.5. LOT 55 = 1.77 AC.= 0.5. LOT 6 = 0.70 AC.= TOTAL = 2.55 AC.=	+0.01 AC.±	+0.00 AC.*
SECTION 6	F-98-88 F-98-80 F-98-80 F-98-80 F-98-80 F-98-80	PLAT No. 13513 PLAT No. 13514 PLAT No. 13515 PLAT No. 13516 PLAT No. 13516 PLAT F-90-80-J-2 (Part No. 1)	2.01 AC.±	0.42 AC.± 1.03 AC.± 0.00 AC. 0.00 AC. 0.34 AC.± 0.00 AC.	4.77 AC.*	0.00 AC.± 0.00 AC.± 0.26 AC.± 0.02 AC.± 0.67 AC.± 0.28 AC.±	+0.58 AC.4	+0.46 AC.±
	F-98-88	PLAT F-90-00-J-2 (Part No. 2)		0.00 AC. 0.00 AC.		0.91 AC.* 0.62 AC.*		
	F-98-88	PLAT F-98-88-J-2 (Part No. 3) PLAT F-98-88-J-2		0.00 AC.		1.46 AC.*		
	F-98-88	(Part No. 4) PLAT F-98-88-J-1		0.00 AC.		0.27 AC.±		
	F-98-88	(Part No. 1) PLAT F-98-88-J-1 (Part No. 2)		TOTAL = 2.59 AC.:		(0.5. LOT 19, 54, A1) 0.84 AC.* (0.5. LOT 19, 54, A1) TOTAL = 5.23 AC.*		
SECTION 7	F-97-180 F-00-133	PLAT No. 13439 & 13440 PLAT No. 14271	13.14 AC.	0.5. LOT 1 & PARCEL B = 7.019 Ac 0. 5. LOT 1 = 8.944 Ac	0.00 AC.	0.00 AC.*	2.823 AC.	0.00 AC.*
SECTION 10	F-00-06 F-00-06	PLAT No. 14140 PLAT No. 14119	0.00 AC.	0.00 AC. 0.00 AC. TOTAL = 0.00 AC.	0.62 AC.	0.5. LOT 34 = 0.71 AC.± 0.5. LOT 34 (SECT. 6) = 0.84 AC.± TOTAL = 1.55 AC.±	+0.00 AC.	+0.93 AC±
SECTION II, AREA I	F-01-91	PLAT No. 15022	1.30 AC.	WEST SIDE MARRIOTTSVILLE ROAD 1.30 AC. (SEE SHEET 10 OF 11 ROAD PLANS)	0.00 AC.	0.00 AC.	+0.00 AC.	0.00 AC.
SECTION II, AREA 2	F-01-148	PLAT No. 15199	0.10 AC.	0.16 AC	0.00 AC.	0.00 AC.	+0.00 AC.	+0.00 AC.
SECTION 11, AREA 3	F-01-147	PLAT No. 15228 PLAT No. 15223	1.13 AC.	WEST SIDE MARRIOTTSVILLE ROAD 0.72 AC. (SEE ROAD SHEET 0) 0.5. LOT 11 = 0.41 AC TOTAL = 1.13 AC	0.00 AC.	0.00 AC.	+0.00 AC.	+0.00 AC.
SECTION 11, AREA 4	F-01-93	PLAT No. 15069 PLAT No. 15060 THRU 15063	14.59 AC.	WEST SIDE MARRIOTTSVILLE ROAD 10.52 AC. (SEE ROAD SHEET 12) 0.5. LOT 22 = 74, 75= 4.07 Ac TOTAL = 14.59 Ac	0.00 AC.	0.00 AC.	+0.00 AC.	+0.00 AC.
SECTION 12	F-01-31 F-01-31 F-01-31	PLAT No. 14792 PLAT No. 14790 PLAT No. 14791	0.00 AC.	0.00 AC. TOTAL = 0.00 AC.	1.86 AC.	0.5. LOT 8 = 0.40 AC.* 0.5. LOT 48 = 0.31 AC.* 0.5. LOT 97 = 0.26 AC.* TOTAL = 0.97 AC.*	+0.00 AC.	(-)0.89 AC.
SECTION 13	F-04-58 F-04-58	PLAT NO. 16941-16962 PLAT NO. 16963	23.99 AC. 0.00 AC.	23.99 AC.* 0.00 AC	30.90 AC. 0.00 AC.	O.5. LOT 3 = 4.13 AC= HOWARD HUNT PROPERTIES 41.00 AC= TOTAL = 45.13 AC=	+0.00 AC.	+14.23 AC.
AMENDED PLATS SECTION 4, AREA 1: SECTION 5; SECTION 7; SECTION 11, AREA 2; AND SECTION 11, AREA 3	F-04-105	PLAT NO. 17248-17264	0.00 AC.	11.263 AC.¢	0.00 AC.	7.766 Ac.	11.283 AC.	7.766 Ac.
GAITHER HUNT SECTION 1 AREA 1 NON-BUILDABLE PRESERVATION PARCEL '8'	F-05-100	PLAT NO. 17243-17247	0.00 AC.	0.00 AC.*	0.00 AC.	6.14 Ac.	0.00 AC.	6.14 Ac.
AMENDED PLATS GTW'S WAVERLY WOODS ECTION 13, OPEN SPACE LOT 5	F-06-175	PLAT NO. 18625-18627	0.00 AC.	0.36 AC.a	0.00 AC.	0.00 Ac.	0.36 AC.	0.00 Ac.
AMENDED PLATS HOWARD COUNTY CONSERVANCY, INC	F-07-33	PLAT NO. 18611-18613	0.00 AC.	0.00 AC.a	0.00 AC.	16.22 Ac.	0.00 AC.	16.22 Ac.
AMENDED PLAT GTW'S WAVERLY WOODS ECTION 13, O.S. LOTS 2 AND 7	F-08-	PLAT NO.	0.00 AC.	0.00 AC.± (SEE NOTE NO. 1)	0.00 AC.	0.00 Ac. (SEE NOTE NO. 1)	0.00 AC.	0.00 Ac.
TOTAL S			63.01 AC	70.24 AC.	1991 104	93.69 AC.	16.23 AC.	44.00 AC.

NOTE NO. 1: REVISION PLAT DOES NOT CREATE ANY NEW FOREST CONSERVATION EASEMENT. The Purpose Of GTW'S WAVERLY WOODS, SECTION 13, CREDITED OPEN SPACE LOTS 2 AND 7 Revision Plat is To Abandon 0.125 Acres Forest Retention in Existing Forest Conservation Easement No. 9A And To Abandon 0.464 Acres Forest Retention in Existing Forest Conservation Easement No. 11 On GTW'S Waverly Woods, Section 13 Plat Nos. 16950 And 16952. The Total 0.59 Acres Forest Retention is Relocated On GTW'S Waverly Woods Section 14 (F-07-159).

TOTALS

63.01 AC.=

Soil Sym.	Name	HYDROLOGIC GROUP
* Ba	Baile silt loam	D
BrB2	Beltsville silt loam	С
BrC2	Beltsville silt loam	С
BrC3	Beltsville silt loam	С
BrD2	Beltsville silt loam	С
BrF	Brandywine loam	C .
ChA	Chester silt loam	В
Ch82	Chester silt loam	В
ChC2	Chester silt loam	В
ChC3	Chester silt loam	В
CqC2	Chester silt loam	В
** Co	Codorus silt loam	С
** CuB	Comus silt loam	В
** DeA	Delanco silt loam	С
** DeB2	Delanco silt loam	С
EkB2	Elioak silt loam	В
£1C3	Elioak silty clay loam	β
£1D3	Elioak silty clay loam	β.
EnB2	Elsinboro loam	В.
EnC2	Elsinboro loam	В
G1A	Gleneig loam	В
G182	Glenelg loam	В
GIC2	Gleneig loam	В
G1C3	Glenela loam	В
GID2	Glenela loam	В
GID3	Glenelg loam	В
** GnA	Glenville silt loam	С
** GnB2	Glenville silt loam	С
* Ha	Hatboro silt loam	D .
* Kn	Kinkora silt loam	D
MgB2	Manor gravelly loam	В
MgC2	Manor gravelly loam	В
MIA	Manor loam	В.
MIB2	Manor loam	В
M1C2	Manor loam	В
M1C3	Manor loam	В
MID2	Manor loam	В
M1D3	Manor loam	В
MIE	Manor loam	В

* HYDRIC 50IL5 ** SOILS SUBJECT TO HYDRIC CONDITIONS 50IL5 MAP - Pg 8 & Pg 9

STORM DRAIN DRAINAGE AREA MAP GTW'S WAVERLY WOODS SECTION 14 BULK PARCEL 'A'

PHASE I - UNITS 2 THRU 7 & 36 THRU 39 "THE COURTYARDS AT WAVERLY WOODS - WEST"
TOWNHOUSE & SINGLE FAMILY HOME CONDOMINIUMS "AGE-RESTRICTED ADULT HOUSING COMMUNITY"

TAX MAP No.: 16 PARCEL No.: 120, P/O 221 & P/O 249 GRID NO.: 3 & 4
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: NOVEMBER 10, 2008
SHEET 4 OF 8

11-10-08 DATE "Professional efficient I hereby certify that these documents were prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 20748, Expiration Date 2-22-09."

PLAN
SCALE: 1" = 100'

OWNERS GTW JOINT VENTURE

c/o LAND DESIGN AND DEVELOPMENT, INC.
5300 DORSEY HALL DRIVE, SUITE 102
ELLICOTT CITY, MARYLAND 21042

HOLE IN THE DONUT, LLC
c/o LAND DESIGN AND DEVELOPMENT, INC.
5300 DORSEY HALL DRIVE, SUITE 102
ELLICOTT CITY, MARYLAND 21042 (443) 367-0422

WAVERLY WOODS DEVELOPMENT CORPORATION C. c/o LAND DESIGN AND DEVELOPMENT, INC. 5300 DORSEY HALL DRIVE, SUITE 102 ELLICOTT CITY, MARYLAND 21042 (443) 367-0422

DEVELOPER WAVERLY WOODS DEVELOPMENT CORPORATION c/o LAND DESIGN AND DEVELOPMENT, INC. 5300 DORSEY HALL DRIVE, SUITE 102 ELLICOTT CITY, MARYLAND 21042

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

QUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042 (410) 461 - 2055

DRAINAGE AREA DATA STRUCTURE AREA (AC.) 'C' X IMP.

> 0.54 0.72 77 0.32 0.73 79 0.47 0.37 24 0.46 0.71 76 2.92 0.33 10

1.69 0.26 7 0.32 0.81 91 3.48 0.22 2 0.92 0.26 8 1.31 0.69 72 0.35 0.72 74 0.35 0.74 74 2.27 0.26 7

G1C2

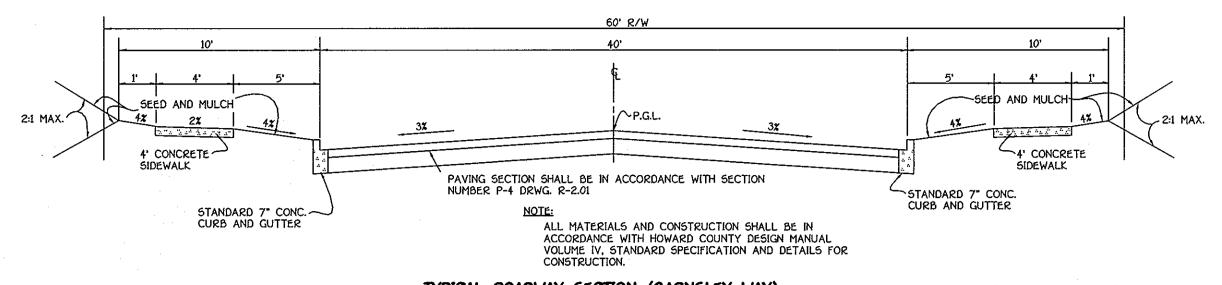
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(443) 367-0422

(443) 367-0422



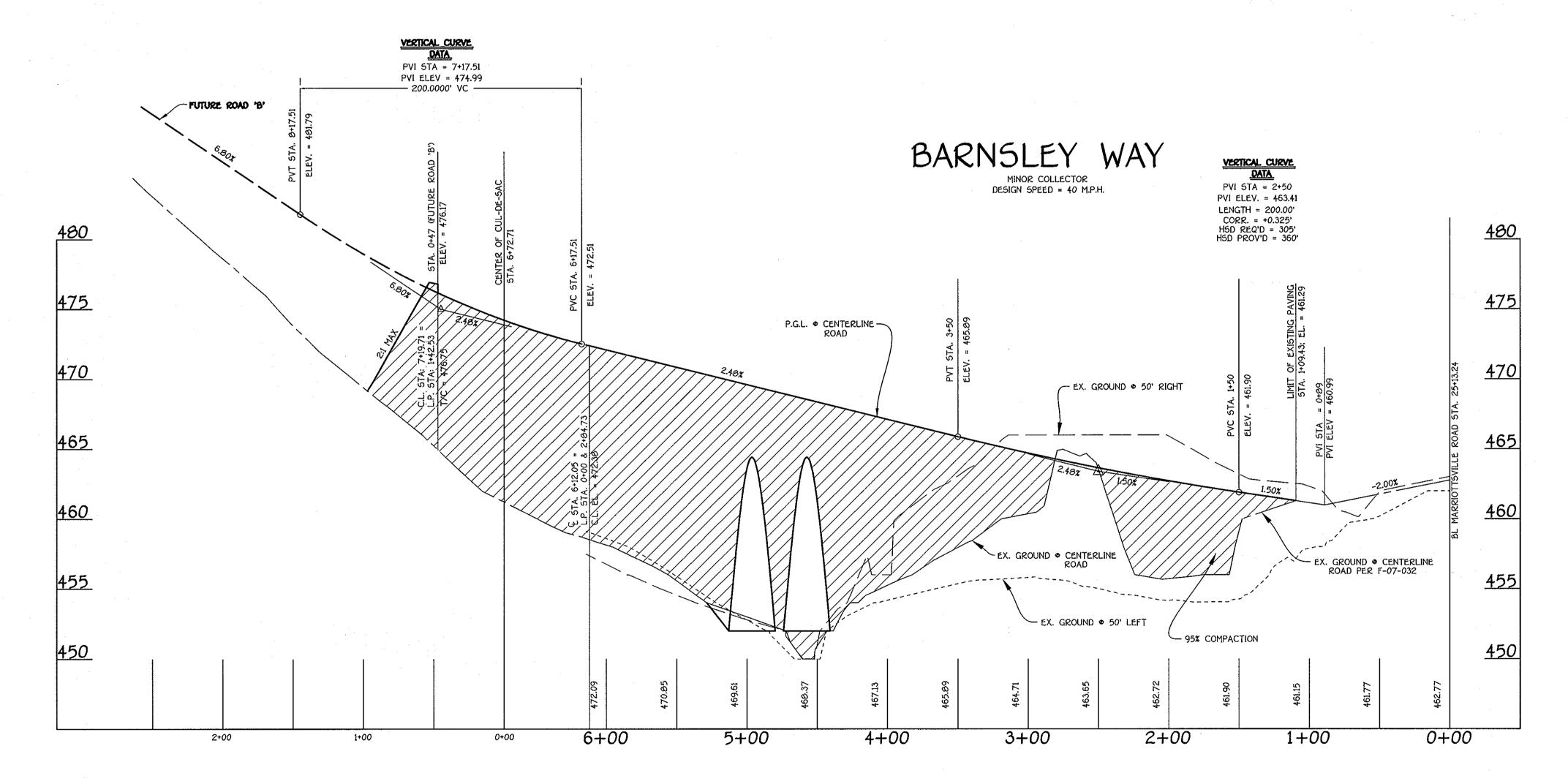




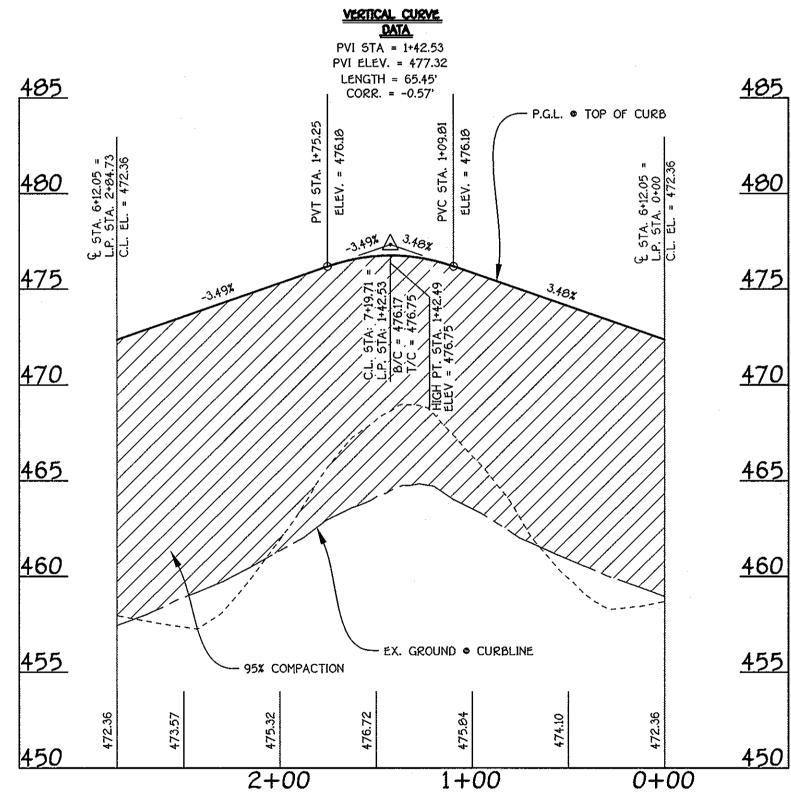
TYPICAL ROADWAY SECTION (BARNSLEY WAY)

NO SCALE

ROADWAY INFORMATION CHART							
ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	& STATION LIMITS	PAVING SECTION		
BARNSLEY WAY	MINOR COLLECTOR	40 M.P.H.	P5C	0+00 TO 6+72.71	P-4		



BARNSLEY WAY



LINEAR PROFILE SCALE: HOR. : 1" = 50' VER. : 1" = 5'

11-10-08 DATE "Professional confident hereby certify that these documents were "prepared by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland, License No. 20748, Expiration Date 2-22-09."

PRELIMINARY ROAD PROFILES GTW'S WAVERLY WOODS
SECTION 14
BULK PARCEL 'A'

DEVELOPER

PHASE I - UNITS 2 THRU 7 & 36 THRU 39 "THE COURTYARDS AT WAVERLY WOODS - WEST"
TOWNHOUSE & SINGLE FAMILY HOME CONDOMINIUMS

TOWNHOUSE & SINGLE FAMILY HOME CONDOMINIUMS

"AGE-RESTRICTED ADULT HOUSING COMMUNITY"

ZONED: PSC

TAX MAP No.: 16 PARCEL No.: 120, P/O 221 & P/O 249 GRID NO.: 3 & 4

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN DATE: NOVEMBER 10, 2008

SHEET 5 OF 8

FISHER, COLLINS & CARTER, INC.

OWNERS GTW JOINT VENTURE

HOLE IN THE DONUT, LLC

WAVERLY WOODS DEVELOPMENT CORPORATION

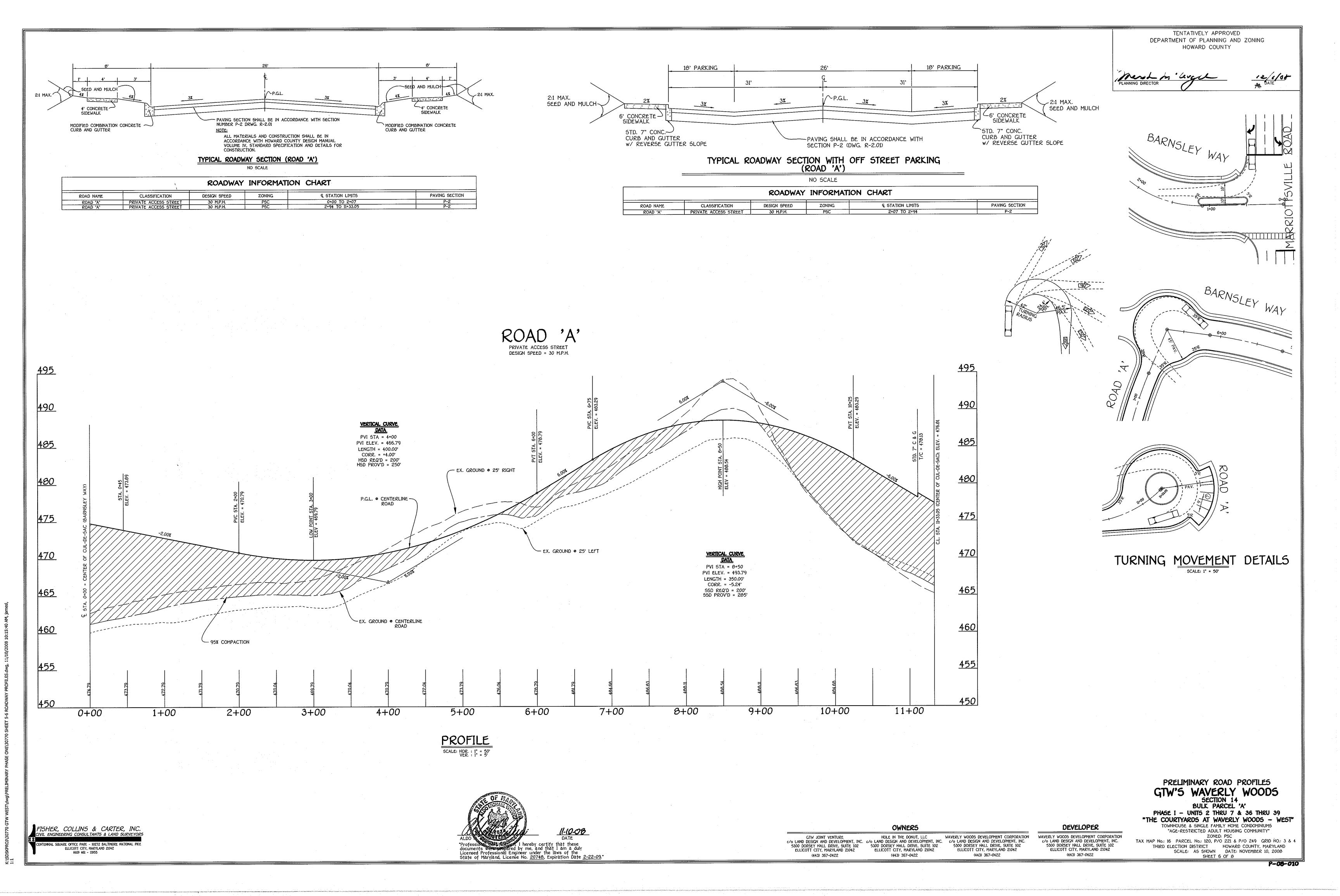
C/O LAND DESIGN AND DEVELOPMENT, INC.

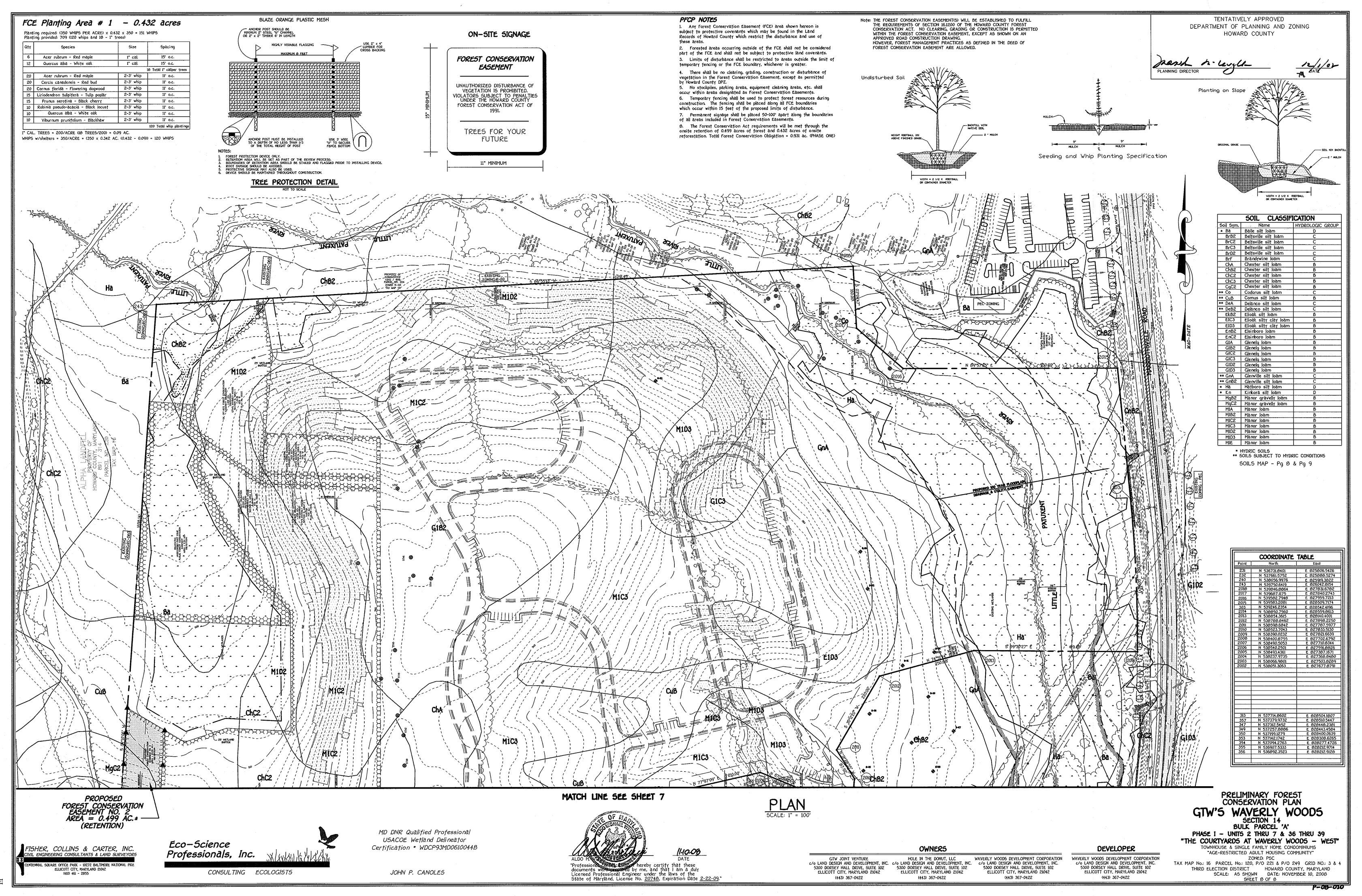
670 LAND DESIGN AND DEVELOPMENT CORPORATION

670 LAND DESIGN AND DEVELOPMENT, INC.

670 LAND DESIGN AND DEVELOPMENT, INC. ELLICOTT CITY, MARYLAND 21042 ELLICOTT CITY, MARYLAND 21042 (443) 367-0422 (443) 367-0422

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