

**GENERAL NOTES**

1. THIS PLAN IS BASED UPON A FIELD-RUN TOPOGRAPHIC SURVEY PERFORMED BY WHITNEY, BAILEY, COX & MAGNANI, LLC (WBC&M) IN DECEMBER 2002 & JANUARY 2003 AND REFLECTS SITE CONDITIONS AS OF THAT DATE.
  - 2A. HORIZONTAL COORDINATES AND DIRECTIONS SHOWN HEREON ARE REFERRED TO THE MERIDIAN OF THE MARYLAND STATE PLANE COORDINATE SYSTEM (MAD 83/91).
  - 2B. ELEVATIONS SHOWN HEREON ARE REFERRED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- AS DERIVED FROM GPS OBSERVATIONS FROM THE FOLLOWING SIX (6) NATIONAL GEODETIC SURVEY MONUMENTS:

1) DESIGNATION: GATHERSBURG CORNS LI PHASE CENTER  
PID: AA3495

LATITUDE: N 39-08-02.34046  
LONGITUDE: W 77-13-15.51884  
ELEV HEIGHT: 109.03 (meters) 357.77 (feet)  
GEOID HEIGHT: -31.73 (meters)

2) DESIGNATION: GOODARD SPACE CTR CORNS LI PHASE CENTER  
PID: AC7770

LATITUDE: N 39-01-18.18995  
LONGITUDE: W 76-49-36.57530  
ELEV HEIGHT: 15.98 (meters) 52.43 (feet)  
GEOID HEIGHT: -32.36 (meters)

3) DESIGNATION: U.S. NAVAL OBSERV CORNS LI PHASE CENTER  
PID: AP7440

LATITUDE: N 38-55-08.23669  
LONGITUDE: W 77-03-58.38673  
ELEV HEIGHT: 50.28 (meters) 164.96 (feet)  
GEOID HEIGHT: -31.96 (meters)

4) DESIGNATION: 20728  
PID: AB9242

LATITUDE: N 39-06-20.63227  
LONGITUDE: W 76-59-27.36290  
ELEV HEIGHT: 125.49 (meters) 411.712 (feet)  
GEOID HEIGHT: -31.95 (meters)

5) DESIGNATION: BM 4987  
PID: HV8972

LATITUDE: N 38-58-07.78379  
LONGITUDE: W 77-08-21.72429  
ELEV HEIGHT: 14.72 (meters) 48.294 (feet)  
GEOID HEIGHT: -31.61 (meters)

6) DESIGNATION: 20345  
PID: JV7137

LATITUDE: N 39-02-38.09347  
LONGITUDE: W 77-03-06.96021  
ELEV HEIGHT: 113.13 (meters) 371.61 (feet)  
GEOID HEIGHT: -31.87 (meters)

2C. COORDINATES AS DERIVED FROM GPS OBSERVATIONS BY WBC&M:

CANT N 534.45746 E 1,249.65122 EL. 461.87 CANT CORNS LI  
USNO N 456.07357 E 1,283.49227 EL. 289.82 USNO CORNS LI  
7137 N 501.68319 E 1,297.58869 EL. 472.66 JV7137 20345  
8972 N 474.26122 E 1,277.70860 EL. 152.50 HV8972 BM4987  
9242 N 524.09222 E 1,315.90595 EL. 516.59 AB9242 20728

3. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES BEFORE COMMENCING ANY WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR THE COST OF ANY DAMAGE TO EXISTING UTILITIES TO REMAIN A FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES TO REMAIN.

4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ACTUAL SITE CONDITIONS PRIOR TO COMMENCING ANY WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR THE COST OF ANY DAMAGE TO EXISTING UTILITIES TO REMAIN A FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES TO REMAIN.

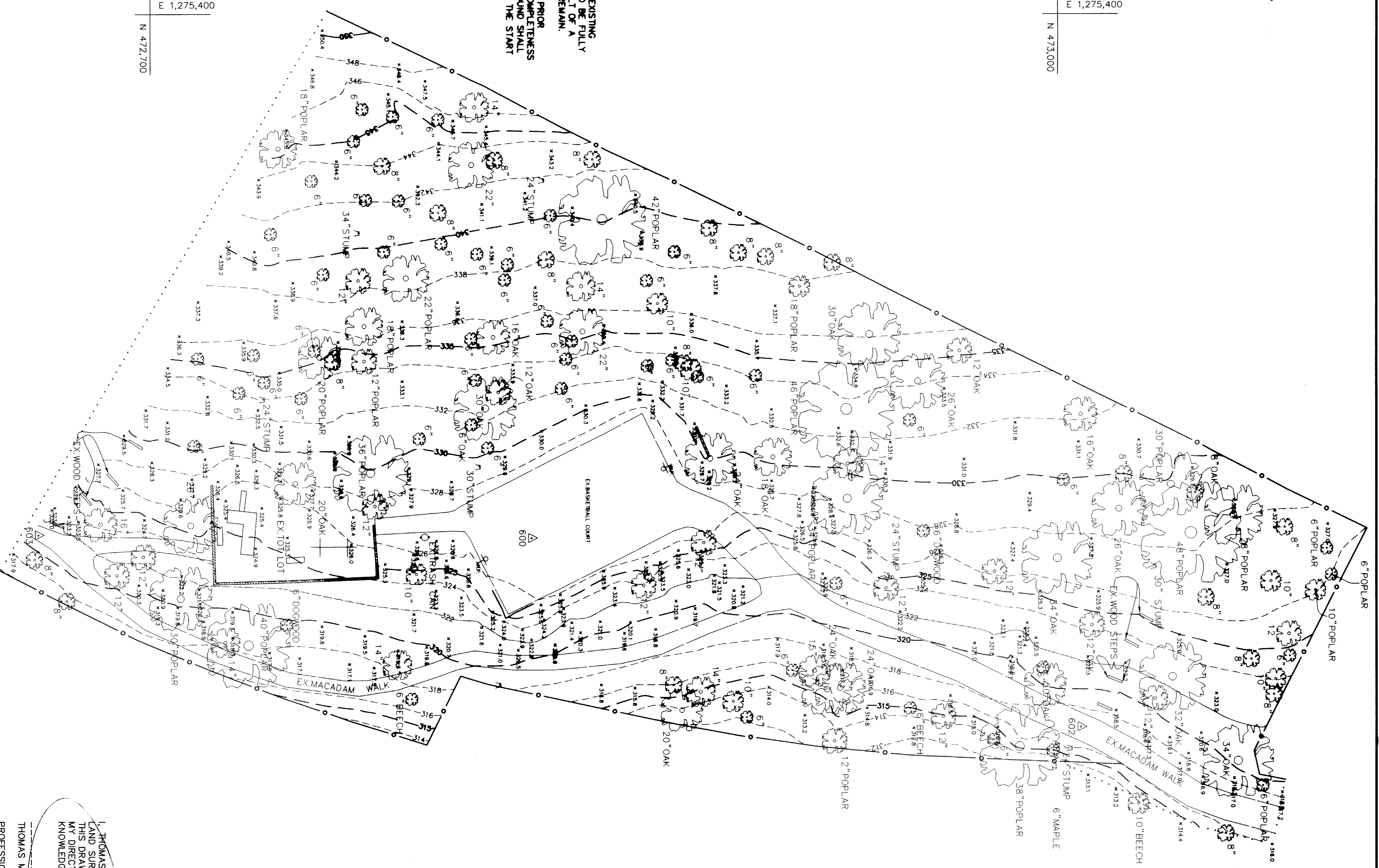
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITIES" AT 1-800-457-7777 THREE DAYS PRIOR TO THE START OF ANY EXCAVATION WORK.

6. THE WORDS "VERIFY" OR "TERMINATION" AS USED HEREON ARE UNDERSTOOD TO MEAN THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION WORK.

E 1,275,400  
N 472,700

E 1,275,400  
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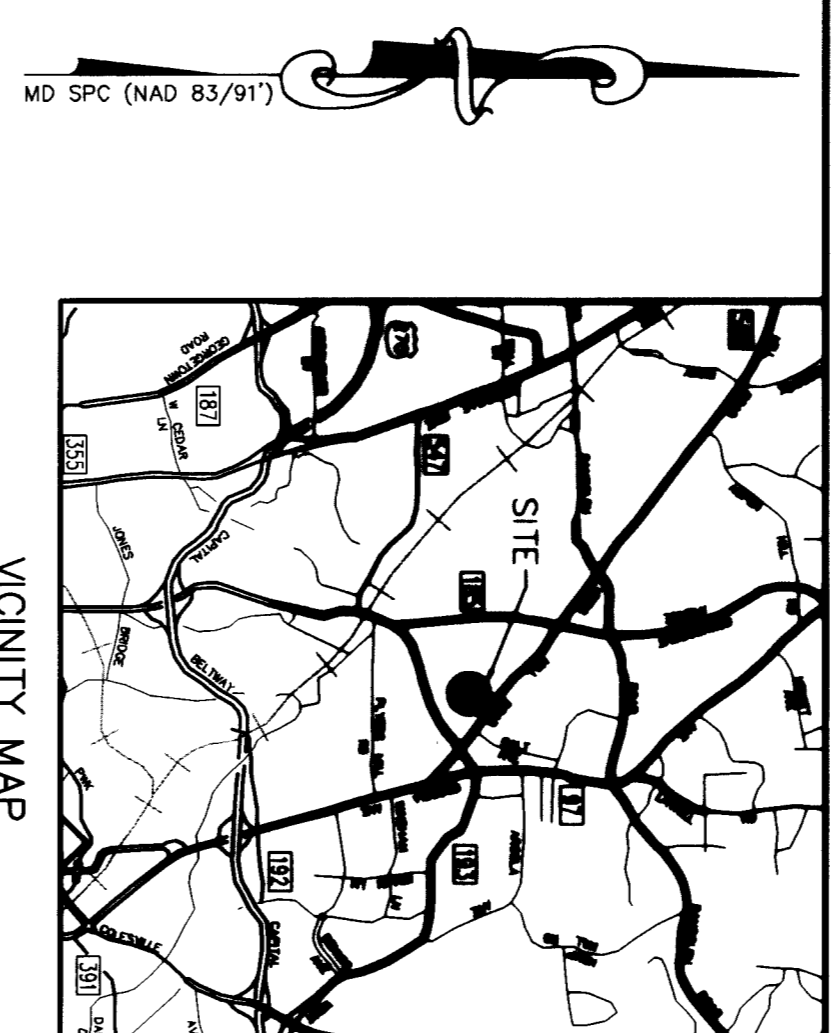
E 1,275,700  
N 473,000



I, THOMAS MICHAEL GRISICH, HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR, LICENSED IN THE STATE OF MARYLAND. THIS DRAWING WAS PREPARED FROM A TOPOGRAPHIC SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS MICHAEL GRISICH  
PROFESSIONAL LAND SURVEYOR, MARYLAND REGISTRATION NO. 10903

2-10-03  
DATE



**LEGEND**

TRANSVERSE STATION: 8600

TREES: 8'-0"

CONTOUR: 3'-0"

EDGE OF MACADAM: 3'-0"

LIMITS OF SURVEY: 3'-0"

WOOD WALL: 3'-0"

**W. B. C. M. TRAVERSE (ON SITE)**

PT#	NORTHING	EASTING	ELEV.	DESCRIPTION
600	47286.17	122573.47	326.78	MAGNALL CAP
601	47300.78	122563.83	317.13	MAGNALL
602	47300.78	122563.83	317.13	MAGNALL
603	47286.76	1225572.41	321.26	MAGNALL

**GRAPHIC SCALE**

1" = 20'

1" = 20'

DATE	NO.	REVISIONS

PROJECT TITLE:  
**M-N.C.P. & P.C.  
GLEN ECHO HEIGHTS PARK  
5530 MONTICAN ROAD  
MONTGOMERY COUNTY, MARYLAND**

ENGINEERS:  
**WHITNEY, BAILEY, COX & MAGNANI, LLC**  
849 Farmout Avenue  
Beltsville, Maryland 21286  
(410) 512-4500  
(410) 324-4100 (fax)

DESIGNED: J. FELDMAN / D. FERRARO  
DRAWN: M.M./A.A.F./T.M.O.  
CHECKED: M.M./A.A.F./T.M.O.  
DATE: 01/23/2003  
SCALE: 1" = 20'  
WDCW JOB NO.: 2002-0385-02.0:500  
SRVY-6

