

1 National Geodetic Survey, Retrieval Date = July 26, 2007
 JV7307 *****

P0060 (Reset)

JV7307 DESIGNATION - MAGNOLIA 2
 JV7307 PID - JV7307
 JV7307 STATE/COUNTY- MD/HARFORD
 JV7307 USGS QUAD - EDGEWOOD (1985)

JV7307 *CURRENT SURVEY CONTROL

JV7307* NAD 83(1991)- 39 25 55.74856(N) 076 20 03.52259(W) ADJUSTED
 JV7307* NAVD 88 - 53.9 (meters) 177. (feet) GPS OBS

JV7307 X - 1,165,454.630 (meters) COMP
 JV7307 Y - -4,793,360.332 (meters) COMP
 JV7307 Z - 4,029,501.515 (meters) COMP
 JV7307 LAPLACE CORR- -3.19 (seconds) DEFLEC99
 JV7307 ELLIP HEIGHT- 20.906 (meters) (08/30/02) GPS OBS
 JV7307 GEOID HEIGHT- -33.03 (meters) GEOID03

JV7307 HORZ ORDER - FIRST
 JV7307 ELLP ORDER - FOURTH CLASS II

JV7307.The horizontal coordinates were established by GPS observations
 JV7307.and adjusted by the National Geodetic Survey in August 1994.

JV7307.The orthometric height was determined by GPS observations and a
 JV7307.high-resolution geoid model.

JV7307.The X, Y, and Z were computed from the position and the ellipsoidal ht.

JV7307.The Laplace correction was computed from DEFLEC99 derived deflections.

JV7307.The ellipsoidal height was determined by GPS observations
 JV7307.and is referenced to NAD 83.

JV7307.The geoid height was determined by GEOID03.

JV7307;	North	East	Units	Scale Factor	Converg.
JV7307;SPC MD	- 196,191.116	457,313.060	MT	0.99999693	+0 25 04.1
JV7307;SPC MD	- 643,670.35	1,500,367.93	sFT	0.99999693	+0 25 04.1
JV7307;UTM 18	- 4,365,584.182	385,163.698	MT	0.99976237	-0 50 51.4

JV7307!	Elev Factor	x	Scale Factor	=	Combined Factor
JV7307!SPC MD	- 0.99999672	x	0.99999693	=	0.99999365
JV7307!UTM 18	- 0.99999672	x	0.99976237	=	0.99975909

JV7307:	Primary Azimuth Mark	Grid Az
JV7307:SPC MD	- MAGNOLIA AZ MK 2	076 30 31.3
JV7307:UTM 18	- MAGNOLIA AZ MK 2	077 46 26.8

JV7307	PID	Reference Object	Distance	Geod. Az
JV7307	JV7308	MAGNOLIA AZ MK 2	APPROX. 1.0 KM	0765535.4

JV7307

JV7307 SUPERSEDED SURVEY CONTROL
JV7307
JV7307 ELLIP H (08/17/94) 20.851 (m) GP() 4 1
JV7307

JV7307.Superseded values are not recommended for survey control.
JV7307.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
JV7307.[See file dsdata.txt](#) to determine how the superseded data were derived.
JV7307

JV7307_U.S. NATIONAL GRID SPATIAL ADDRESS: 18SUJ8516465584(NAD 83)
JV7307_MARKER: DD = SURVEY DISK
JV7307_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
JV7307_SP_SET: CONCRETE POST
JV7307_STAMPING: 6 MAGNOLIA 2 1993
JV7307_MARK LOGO: MD-025
JV7307_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
JV7307_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
JV7307+STABILITY: SURFACE MOTION
JV7307_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
JV7307+SATELLITE: SATELLITE OBSERVATIONS - May 05, 2001

JV7307
JV7307 HISTORY - Date Condition Report By
JV7307 HISTORY - 1993 MONUMENTED GEOMET
JV7307 HISTORY - 19970422 GOOD DMW
JV7307 HISTORY - 20010505 GOOD USPSQD

JV7307
JV7307 STATION DESCRIPTION
JV7307

JV7307'DESCRIBED BY GEOMETRICS GPS INCORPORATED 1993
JV7307'THE STATION IS LOCATED IN SOUTHWEST HARFORD COUNTY, MARYLAND ABOUT 1.0
JV7307'MILES EAST OF THE VILLAGE OF JOPPA ON U.S. HIGHWAY 40 NEAR EDGEWATER
JV7307'VILLAGE.
JV7307'TO REACH THE STATION FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND
JV7307'STATE HIGHWAY 152 PROCEED NORTHEAST ALONG U.S. HIGHWAY 40 0.2 MILES
JV7307'TO AN ABANDONED TRUCK STOP AND THE STATION ON THE RIGHT.
JV7307'THE STATION IS A STANDARD HARFORD COUNTY, MD STATION DISK SET IN
JV7307'CONCRETE FLUSH WITH THE GROUND STAMPED 6 MAGNOLIA 2 1993.
JV7307'THE STATION IS 2.5 FEET SOUTHEAST FROM THE FACE OF CURB TO U.S.
JV7307'HIGHWAY 40 EAST BOUND, 52.8 FEET NORTHEAST FROM POWER POLE NUMBER
JV7307'146638, AND 15.8 FEET NORTHWEST FROM A WATER METER.

JV7307
JV7307 STATION RECOVERY (1997)
JV7307
JV7307'RECOVERY NOTE BY DAFT MCCUNE WALKER INCORPORATED 1997 (DMM)
JV7307'RECOVERED AS DESCRIBED.

JV7307
JV7307 STATION RECOVERY (2001)
JV7307
JV7307'RECOVERY NOTE BY US POWER SQUADRON 2001

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**GEOMETRICS GPS INC. INFORMATION FROM HARFORD COUNTY SURVEY CONTROL BOOK
NAD 83/91 COORDINATES - NGVD88 ELEVATIONS**

LATITUDE	039 25 55.74856	NORTH(sf)	643670.35
LONGITUDE	076 20 03.52259	EAST(sf)	1500367.93
GRID AZ.	076 30 31.3	ELEV. GPS OBS.	176.86 ft.

1 National Geodetic Survey, Retrieval Date = July 26, 2007
 JV7308 *****

JV7308 DESIGNATION - MAGNOLIA AZ MK 2 **P0061 (Reset)**

JV7308 PID - JV7308
 JV7308 STATE/COUNTY- MD/HARFORD
 JV7308 USGS QUAD - EDGEWOOD (1985)

JV7308 *CURRENT SURVEY CONTROL

JV7308* NAD 83(1991)- 39 26 03.08566(N) 076 19 22.76736(W) ADJUSTED
 JV7308* NAVD 88 - 28.6 (meters) 94. (feet) GPS OBS

JV7308 X - 1,166,363.094 (meters) COMP
 JV7308 Y - -4,792,971.265 (meters) COMP
 JV7308 Z - 4,029,660.164 (meters) COMP
 JV7308 LAPLACE CORR- -3.11 (seconds) DEFLEC99
 JV7308 ELLIP HEIGHT- -4.471 (meters) (08/30/02) GPS OBS
 JV7308 GEOID HEIGHT- -33.04 (meters) GEOID03

JV7308 HORZ ORDER - FIRST
 JV7308 ELLP ORDER - FOURTH CLASS II

JV7308.The horizontal coordinates were established by GPS observations
 JV7308.and adjusted by the National Geodetic Survey in August 1994.

JV7308.The orthometric height was determined by GPS observations and a
 JV7308.high-resolution geoid model.

JV7308.The X, Y, and Z were computed from the position and the ellipsoidal ht.

JV7308.The Laplace correction was computed from DEFLEC99 derived deflections.

JV7308.The ellipsoidal height was determined by GPS observations
 JV7308.and is referenced to NAD 83.

JV7308.The geoid height was determined by GEOID03.

JV7308;	North	East	Units	Scale Factor	Converg.
JV7308;SPC MD	- 196,424.553	458,286.048	MT	0.99999727	+0 25 29.7
JV7308;SPC MD	- 644,436.22	1,503,560.14	sFT	0.99999727	+0 25 29.7
JV7308;UTM 18	- 4,365,796.025	386,141.372	MT	0.99975961	-0 50 25.6

JV7308!	Elev Factor	x	Scale Factor	=	Combined Factor
JV7308!SPC MD	- 1.00000070	x	0.99999727	=	0.99999797
JV7308!UTM 18	- 1.00000070	x	0.99975961	=	0.99976031

JV7308:	Primary Azimuth Mark	Grid Az
JV7308:SPC MD	- MAGNOLIA 2	256 30 31.6
JV7308:UTM 18	- MAGNOLIA 2	257 46 26.9

JV7308	PID	Reference Object	Distance	Geod. Az
JV7308	JV7307	MAGNOLIA 2	APPROX. 1.0 KM	2565601.3

JV7308

**GEOMETRICS GPS INC. INFORMATION FROM HARFORD COUNTY SURVEY CONTROL BOOK
NAD 83/91 COORDINATES - NGVD88 ELEVATIONS**

LATITUDE	039 26 03.08566	NORTH(sf)	644436.22
LONGITUDE	076 19 22.76736	EAST(sf)	1503560.14
GRID AZ.	256 30 31.6	ELEV. GPS OBS.	93.66 ft.

DATE: DECEMBER 1993

STATION
MAGNOLIA 2

TYPE OF MARK: DISK IN CONCRETE

COUNTY: HARFORD

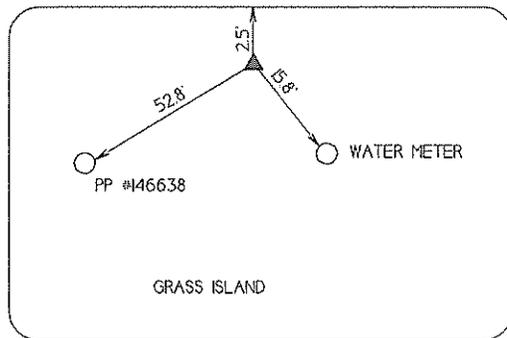
ESTABLISHED BY: GEOMETRICS GPS, INC.

STAMPING ON MARK: 6 MAGNOLIA 2 1993

0.6 M
TO AZ MK →

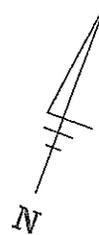
US HWY 40 WEST BOUND

US HWY 40 EAST BOUND



TRUCK TRAILER
PARKING AREA

OLD TRUCK STOP



GEOMETRICS
GPS, INC.

DATE: DECEMBER 1993

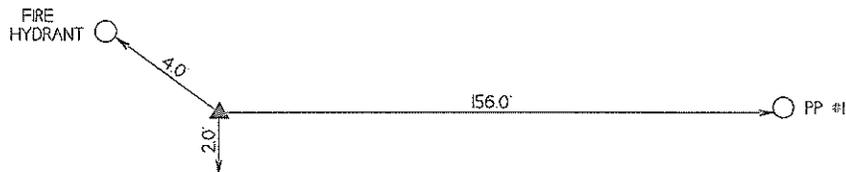
COUNTY: HARFORD

STATION
MAGNOLIA AZ MK 2

TYPE OF MARK: DISK IN CONCRETE

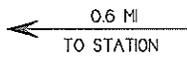
ESTABLISHED BY: GEOMETRICS GPS, INC.

STAMPING ON MARK: 6 MAGNOLIA 2 AZ MK 1993



US 40 WEST BOUND

US 40 EAST BOUND



GEOMETRICS
GPS, INC.