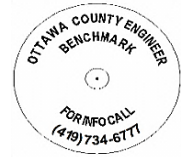


OTTAWA COUNTY BENCHMARK DATA SHEET



CAT 30-1.5

Township	Section	Town	Range	Type of Monument
CATAWBA ISLAND	24	T7N	R17E	3 1/4" Domed Bronze Disk in Concrete (OCE Spec. BM-1)
Set By	Shot By	Calculated	Calculated By	Published
OCE / OCHD	M. J. Wittman, P.S., J. Allen	March 14, 2012	M. J. Wittman, P.S.	March 16, 2012

Location

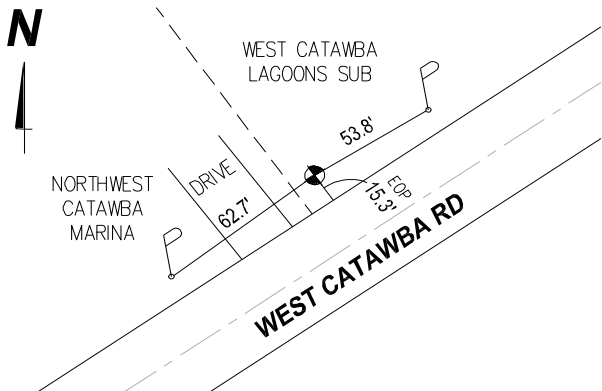
West side of West Catawba Rd., C.R. #30 at southwest corner of West Catawba Lagoons Subdivision

Vertical Control

Vertical Datum	Method	Elevation (U.S. Survey Feet)
NAVD 88	GPS / LEVEL	580.78

Horizontal Control

Horizontal Datum	Zone	Northing	Easting
Method	Latitude	Longitude	
Geoid	Scale Factor	Convergence	



NOTES:

1. Monument set: December 22, 2011
2. Data Collected: 2-6-12, 2-14-12, 3-13-12
3. Not suitable for GPS