

April 7, 2014

SURVEYOR'S REPORT

CPS Project No. 14037-A1

TYPE OF SURVEY:

CONTROL SURVEY

SFWMD WELLHEAD REPLACEMENT-REPAIR (BF-6) LOCATED AT DEERFIELD WASTEWATER TREATMENT PLANT, 200 GOOLSBY BOULEVARD, DEERFIELD BEACH, FLORIDA

MAP OF SURVEY:

Not applicable.

LEGAL DESCRIPTION:

Not applicable.

ACCURACY:

1. All measurements, distances, elevations and features were performed in strict accordance with the minimum technical standards set forth in Chapters 5J-17.050, 5J-17.051, and 5J-17.052 pursuant to Section 427.027 Florida Statutes.
2. Methods for all control measurements were made with a transit and steel tape, or devices with equivalent or higher degrees of accuracy.
3. The field measured vertical control for elevation information related to this survey is based on a level loop, using differential leveling techniques. Closure achieved exceeds the minimum accuracy requirement calculated at a maximum misclosure.

DATA SOURCES:

1. All elevations shown hereon are in feet and based on National Geodetic Vertical Datum of 1929 (NGVD 29). Parent benchmark utilized for this survey: Broward County Benchmark number 2469, found railroad spike northwest corner of asphalt parking lot of Chevron gas station @ Hillsboro Blvd and Military Trail, published elevation = 15.489 feet (NGVD 29). North American Vertical Datum 1988 (NAVD 88) conversion factor: $15.489 \text{ feet} - 1.568 \text{ feet} = 13.921 \text{ feet (NAVD 88)}$.

LIMITATIONS:

1. Purpose of survey: to provide vertical position data for the support or control of subordinate surveys or mapping.
2. Date of survey: March 24, 2014 as referenced in field book 237, page 10.
3. This is not a boundary or right-of-way survey.



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4. Two (2) brass disks were set in BF-6 concrete pad and the following elevations obtained: brass disk NGVD 29 EL = 13.698' and brass disk NAVD 88 EL = 12.13' (see Attachment "A").

5. Shown anywhere on this survey, the word "certify" is understood to be an expression of a professional opinion based upon the surveyor's best knowledge, information and belief, and that it constitutes neither a guarantee nor a warranty.

PREPARED FOR AND CERTIFIED TO:

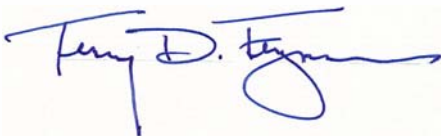
Florida Design Contractors, Inc.
1326 South Killian Drive
Lake Park, FL 33403
Tel: (561) 845-1233

SURVEYOR AND MAPPER IN RESPONSIBLE CHARGE:

Terry D. Ferguson
Professional Surveyor and Mapper
License Number LS #4535
State of Florida
Tel: (727) 230-9606

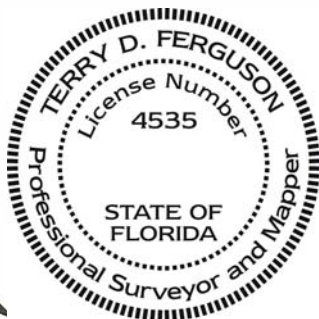
This mapping conforms to Minimum Technical Standards for an Special Purpose Survey as set forth by the Florida Board of Professional Surveyors and Mappers in Chapters 5J-17.050, 5J-17.051, and 5J-17.052 pursuant to Section 427.027 Florida Statutes.

This survey is not valid without the signature and original raised seal of a Florida licensed surveyor and Mapper.



Terry D. Ferguson, P.S.M. LS #4535

Compass Point Surveyors, PL LB #7535



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ATTACHMENT "A"



Two (2) brass disks were set in BF-6 concrete pad.

Brass disk "NGVD 29 EL 13.698"

Brass Disk "NAVD 88 EL 12.13"

(See brass disk detail on Attachment "A" - page 4)



ATTACHMENT "A"





Highway Construction & Engineering Division

Benchmarks

Bench Mark Number:	2469
Section-Township-Range:	2-48-42
Elevation:	15.849
Description:	RAILROAD SPIKE NORTHWEST CORNER OF ASPHALT PARKING LOT OF CHEVRON GAS STATION, MARK IS 113' EAST OF CENTERLINE OF MILITARY TRAIL, 70' SOUTH OF HILLSBORO BOULEVARD. B.M. FOUND 5-18-2000 FOUND GOOD 3-01-06

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