



Station Location Sketch and Visibility Diagram

EXAMPLE

Location / Airport Name and ID Sentara Place Project Jamestown SID

Station Designation 1529-01 PID _____ Date 4/18/12

Circle all applicable: PACS SACS BM FBN CBN OTHER _____ Observer & Organization _____

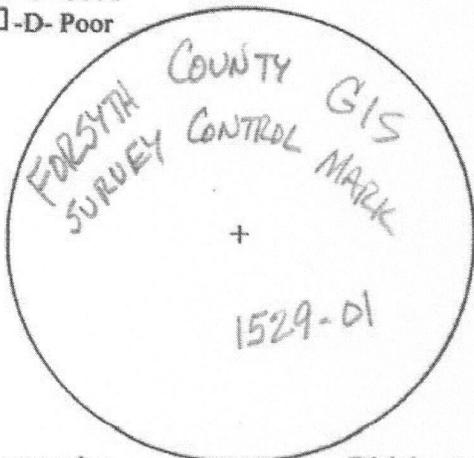
Station Location Sketch



FH- FIRE HYDRANT
 MH- SAN. SWR MANHOLE
 SWCB- SINGLE WING CATCH BASIN

Sketch of Disk

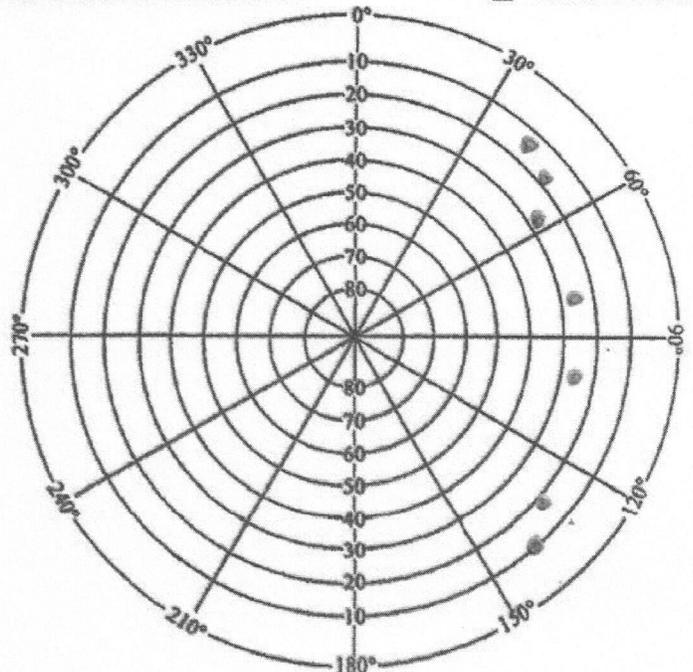
- Monument Stability Quality: -A- Most stable
 -B- Excellent
 -C- Good
 -D- Poor
- Photos Available



- Monument is: Recessed 2 cm Flush with ground surface Projecting ___ cm
- Disk is set: in bedrock. in concrete. in structure.

Visibility Diagram

- No Obstructions above 10° Photos Available



EXAMPLE

General Station Location: The station is located in FORSYTH COUNTY, GA, APPROXIMATELY 26 MILES NORTHEASTERLY FROM THE CITY OF ATLANTA, GA, APPROXIMATELY 9.3 MILES NORTHEASTERLY FROM THE CITY OF ALPHARETTA, GA, AND APPROXIMATELY 0.9 MILE SOUTHERLY FROM THE INTERSECTION OF GA. STATE ROUTE 400 AND MCFARLAND PARKWAY.

(Describe general location; include airline distances to three towns or mapped features.)

Ownership: JAMESTOWN PROPERTY HOA INC., 3935 LAKEFIELD COURT,
SWANEE, GA. 30024 678-475-1800 (name, address, phone of landowner)

To Reach Narrative: To reach the station from the intersection of RONALD REAGAN BLVD AND MCGINNIS FERRY ROAD: PROCEED NORTHERLY ALONG RONALD REAGAN BLVD 0.3 MILE TO COUNSELOR'S WAY, TURN RIGHT ON COUNCELORS WAY AND PROCEED EASTERLY ± 800 FEET TO THE STATION ON THE RIGHT AT THE INTERSECTION WITH SENTARA PLACE.

(Leg-by-leg distances and directions from major road intersection to mark)

Monument Description and Measurements: The station is AN ALUMINUM DISK SET IN A CONCRETE MONUMENT LOCATED AT THE BACK OF CURB, 56.3 FEET SOUTHERLY FROM A SINGLE WING CATCH BASIN, 28.0 FEET SOUTHWESTERLY FROM A SANITARY SEWER MANHOLE AND 63.7 FEET NORTHWESTERLY FROM A FIRE HYDRANT. STATION IS SET IN A 6" CONCRETE MONUMENT WITH AN IRRIGATION CONTROL VALVE COVER, DISK IS SLIGHTLY LOWER THAN THE TOP OF CURB.

(Add at least three measurements to permanent, identifiable, nearby objects; and a description of the monument size, shape, height, etc.)

NOTE: - Include a pencil rubbing, sketch, or photographs of mark.

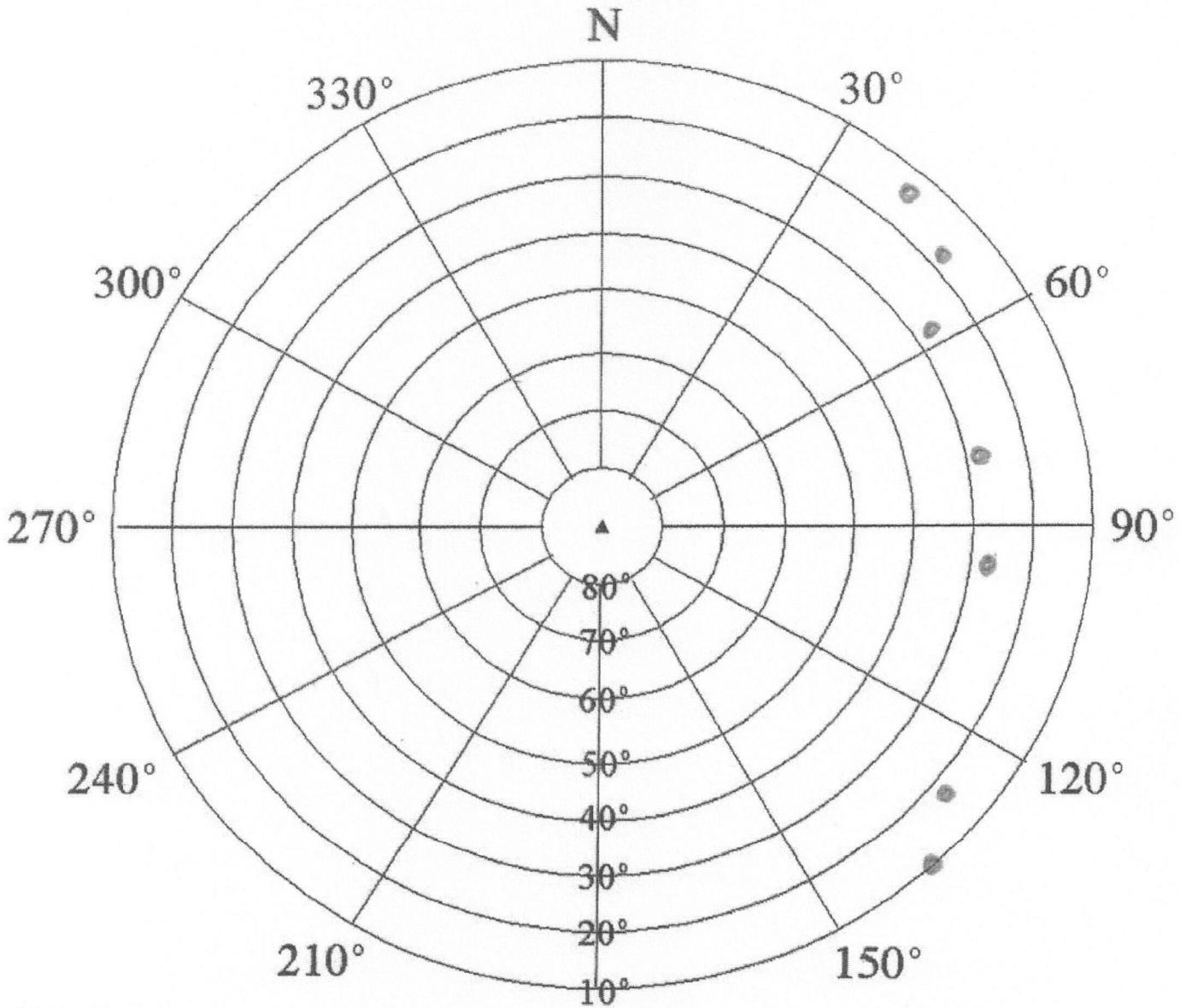
Described by: _____ Phone: (____) _____ e-mail: _____

EXAMPLE



EXAMPLE

NATIONAL GEODETIC SURVEY VISIBILITY OBSTRUCTION DIAGRAM



INSTRUCTIONS:

Identify obstructions by azimuth (magnetic) and elevation angle (above horizon) as seen from station mark. Indicate distance and direction to nearby structures and reflective surfaces (potential multipath sources).

4-char ID: _____ Designation: FORSYTH COUNTY GIS 1529-01

PID: _____ Location: _____

County: FORSYTH Reconnaissance By: H. LANIER DUNN, RLS # 2243

Height above mark, meters: _____ Agency/Company: ESSENTIAL ENGINEERING SERVICES

Phone: (678) 380-6007 Date: 4/18/2012

Check if no obstructions above 10 degrees

EXAMPLE

NATIONAL GEODETIC SURVEY STATION DESCRIPTION / RECOVERY FORM

4-char ID: _____ Designation: _____

PID: _____ Alias: _____

Country: (USA /) State: _____ County: _____

Latitude: N 34° 06' 16.89" Longitude: W-84° 13' 46.21" Elevation: 1031.64 (meter / ft)

| Original Description (check one): | |
|--|---|
| <input type="checkbox"/> P | Preliminary (mark has not been set yet) |
| <input checked="" type="checkbox"/> D | A newly set mark |
| <input type="checkbox"/> R | A recovered mark |
| Established by: (NGS / CGS / Other:) | |
| Date: <u>4/18/2012</u> Chief of Party (initials): <u>HLD</u> | |

| Recovery Description (check one): | |
|--|--|
| <input type="checkbox"/> F | Full description of a station <i>not</i> in the database |
| <input type="checkbox"/> T | Full description of a station <i>in</i> the database |
| <input type="checkbox"/> M | <i>Partial</i> description of a station in the database |
| Recovered by: (NGS / Other:) | |
| Date: _____ Chief of Party (initials): _____ | |

| Monument Stability (check one): | |
|---------------------------------------|--|
| <input type="checkbox"/> A | Of the most reliable nature; expected to hold well |
| <input checked="" type="checkbox"/> B | Will probably hold position and elevation well |
| <input type="checkbox"/> C | May hold well, but subject to ground movement |
| <input type="checkbox"/> D | Of questionable or unknown reliability |

| Recovery Condition (check one): | |
|---------------------------------|-------------------------------|
| <input type="checkbox"/> G | Recovered in good condition |
| <input type="checkbox"/> N | Not recovered or not found |
| <input type="checkbox"/> P | Poor, disturbed, or mutilated |
| <input type="checkbox"/> X | Surface mark known destroyed |

| Setting Information: | |
|---|--------------------------------------|
| Marker Type: (Rod / Disk / Other) <u>DISK</u> | |
| Setting Type: (Bedrock / Concrete / Other:) | |
| <input checked="" type="checkbox"/> N / ? | Monument contains magnetic material? |

| | |
|--|----------------------------|
| Stamping: | |
| Agency Inscription: (NGS / CGS / Other:) | |
| Rod Depth: _____ (m/ft) | Sleeve Depth: _____ (m/ft) |
| Monument is: (flush / projecting / recessed) _____ (cm/ft) | |

| Special Type (check all applicable): | |
|--------------------------------------|---|
| <input type="checkbox"/> F | Fault monitoring site |
| <input type="checkbox"/> T | Tidal Station |
| <input type="checkbox"/> -- | Control Station: (FBN / CBN / Bench mark) |
| <input type="checkbox"/> -- | Airport Control Station: (PACS / SACS) |
| <input type="checkbox"/> Y / N | Mark is suitable for GPS use? |

| Transportation (check one): | |
|--------------------------------|--|
| <input type="checkbox"/> C | Car |
| <input type="checkbox"/> P | Light truck (pickup, carry-all, etc.) |
| <input type="checkbox"/> X | Four-Wheel Drive Vehicle |
| <input type="checkbox"/> _ | Other (SnowCat, Plane, Boat; describe) |
| <input type="checkbox"/> Y / N | Pack Time (hike) to mark? (hh:mm): |

See Back of Form to add Text Description