

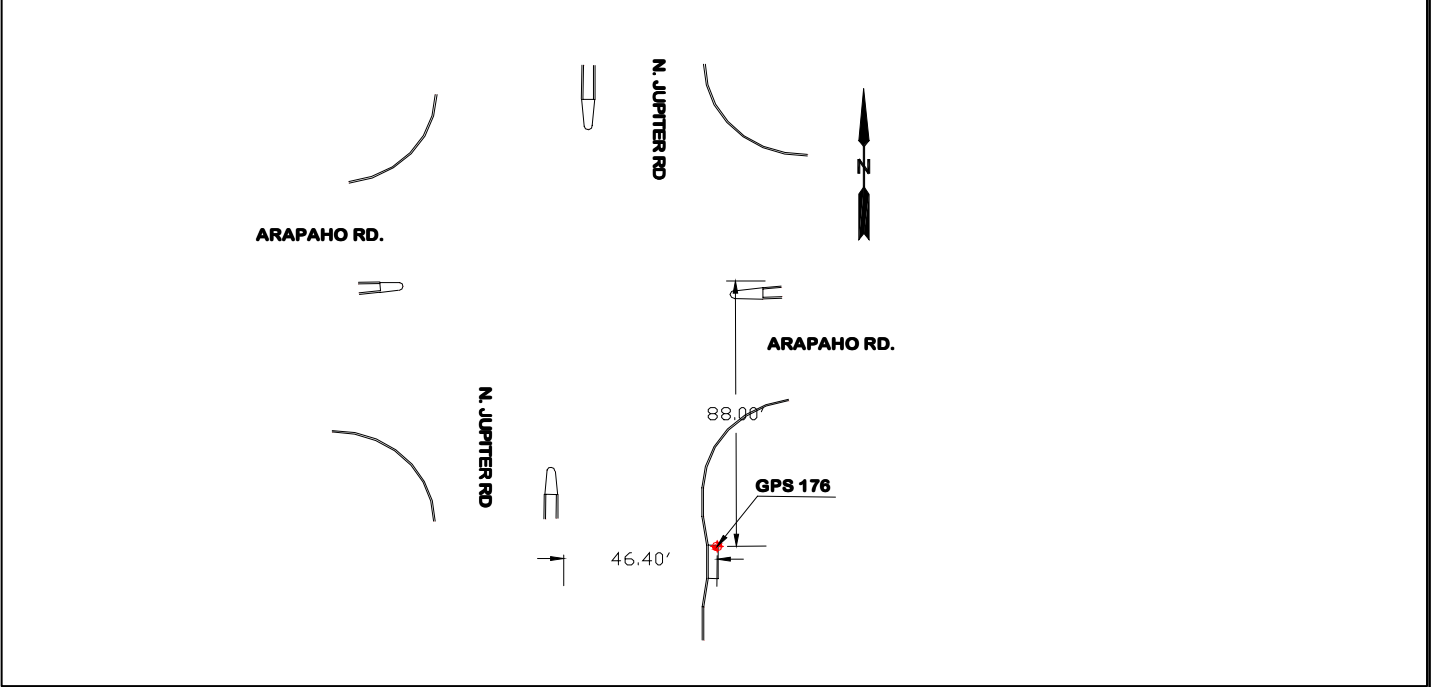
GPS Station Observation Log

Station Designation	Check applicable: <input checked="" type="checkbox"/> GEO. CNTRL. <input type="checkbox"/> Trav. PT. <input type="checkbox"/> BM	Station PID, if any:	DATE:
		GPS 176	2/22/2008
Project Name: Geodetic Monument	Project Number: GPS - 176	Stat. 4-Char ID: _____	Day of Year: _____
NAD83 Latitude: 32 57 37.30792	NAD83 Longitude: 96 40 57.04390	Session ID: (A,B,C,etc.)	
Observation Session Time		160.479	ft./meters
Sched. Start: _____ Stop: _____	NAVD88 Orthometric Height	Operator Full Name: Toney E. Gibson	
Actual Start: 10:40AM Stop: 2:45PM	186.472	ft./meters	
Epoch Interval = 10 Seconds	GEOID03 Geoid Height	Phone# (972) 205 - 2157	
Elevation Mask = _____ Degrees	ft./meters	E-mail: gbreysac@ci.garland.tx.us	

Receiver Brand & Model: Topcon Hiper Lite - Internal Antenna		Comments: 4 HRS. STATIC DATA RECORDED.
<input checked="" type="checkbox"/> Base	<input type="checkbox"/> Rover	NOTE: ELEV. 611.78 IS ORTHO HT. CALC. BY OPUS.
P/N: 01-840802-03	P/N: 01-840802-03	*LEVEL LOOP FROM NGSCS 2525 ELEV. 611.75 (NAVD 88)
S/N: 263-0243	S/N: 263-0233	
ID: 8QATEMNVCHS	ID: 8OKPW2V2RR4	

** ANTENNA HEIGHT **	Meters	Feet	NAD83 TXNC (4202)
Slant Height to ARP:	1.661	5.450	N = 7037148.87800
		5.34	E = 2525900.71400
Vertical Height to ARP:	1.6276		Z = 611.75*
			CSF = 0.99984869
Meters = Feet x (0.3048) Height Entered into receiver : 1.6276 Meters.	Note: &/or sketch ANY unusual conditions. be Very Explicit as to where and how Measured .		

LOG Checked By:	Data File Name(s):	(standard NGS Format = aaaaddds.xxx) aaa=4 character ID, ddd=Day of Year,
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GPS 176, 2" BRASS DISK STAMPED 176, LOCATED ON INLET TOP APPROX. 40.60' E. OF JUPITER RD. C/L. AND APPROX. 88' S. OF ARAPAHO RD. C/L.
 COG MAP GRID C3 & 4MAPSCO 8-Y***

Table of Weather

Problem	Visibility	Temperature	Cloud Cover	Wind
NONE	GOOD	40°	CLOUDY	10 - 15 MPH
Any obstructions above 10° ? <input type="checkbox"/> YES <input type="checkbox"/> NO		Radio Interference source nearby ?		<input type="checkbox"/> YES <input type="checkbox"/> NO

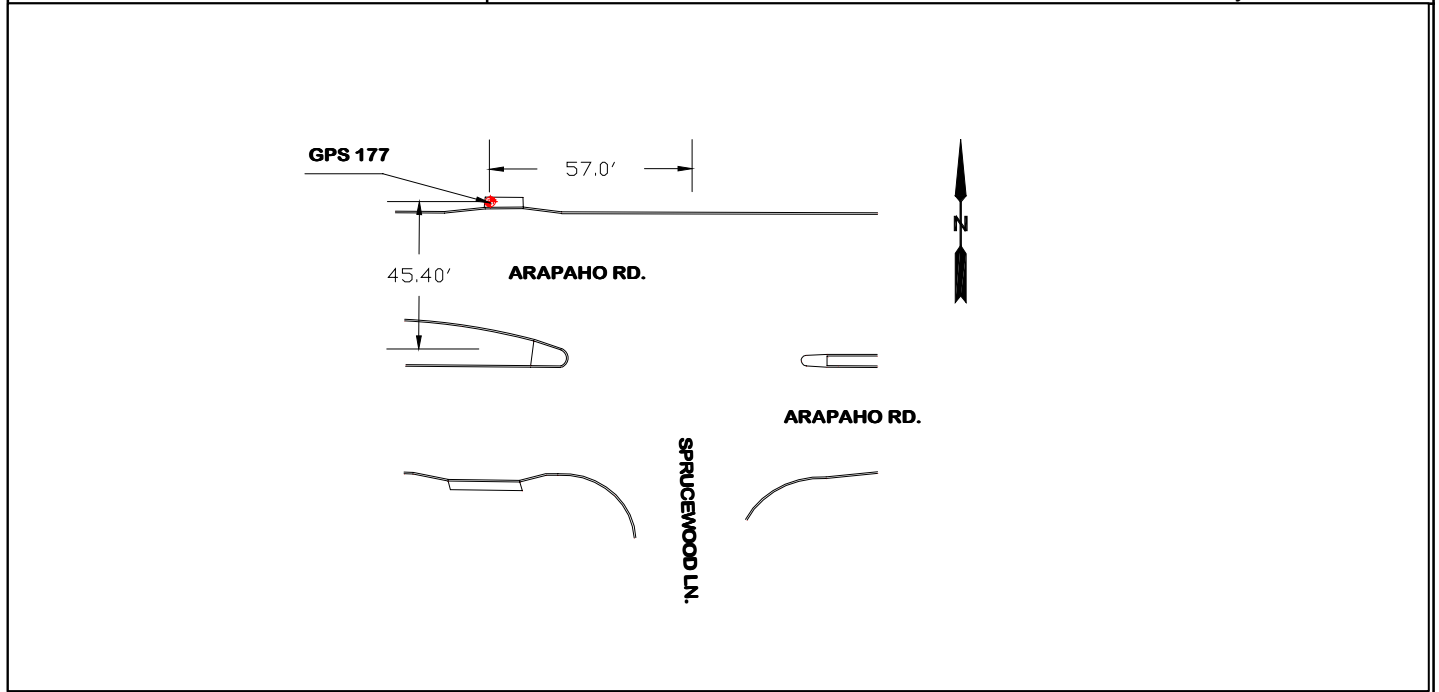
RPLS: GSB P.Chief: TG Field Tech: KW Field Tech: CW

GPS Station Observation Log

Station Designation	Check applicable: <input checked="" type="checkbox"/> GEO. CNTRL. <input type="checkbox"/> Trav. PT. <input type="checkbox"/> BM	Station PID, if any:	DATE:
		GPS 177	2/22/2008
Project Name: Geodetic Monument	Project Number: GPS - 177	Stat. 4-Char ID: _____	Day of Year: _____
NAD83 Latitude: 32 57 38.75368	NAD83 Longitude: 96 40 46.41306	Session ID: (A,B,C,etc.)	
Observation Session Time		Agency Full Name: City of Garland	
Sched. Start: _____ Stop: _____		Operator Full Name: Toney E. Gibson	
Actual Start: 10:35AM Stop: 2:40PM		Phone# (972) 205 - 2157	
Epoch Interval = <u>10</u> Seconds		E-mail: gbreysac@ci.garland.tx.us	
Elevation Mask = _____ Degrees		Receiver Brand & Model: Topcon Hiper Lite - Internal Antenna	
		Comments: 4 HRS. STATIC DATA RECORDED.	
<input type="checkbox"/> Base	<input checked="" type="checkbox"/> Rover	NOTE: ELEV. 605.71 IS ORTHO HT. CALC. BY OPUS.	
P/N: 01-840802-03	P/N: 01-840802-03	****605.65-LEVEL LOOP FROM NGSCS 2525 (NADV 88)	
S/N: 263-0243	S/N: 263-0233		
ID: 8QATEMNVCHS	ID: 8OKPW2V2RR4		

** ANTENNA HEIGHT **	Meters	Feet	NAD83 TXNC (4202)
Slant Height to ARP:	1.581	5.185	N = 7037310.64400
		5.075	E = 2526803.74400
Vertical Height to ARP:	1.5469		Z = 605.65*
			CSF = 0.99984897
Meters = Feet x (0.3048) Height Entered into receiver : 1.5469 Meters.	Note: &/or sketch ANY unusual conditions. be Very Explicit as to where and how Measured .		

LOG Checked By:	Data File Name(s):	(standard NGS Format = aaaaddds.xxx) aaa=4 character ID, ddd=Day of Year,
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GPS 177, 2" BRASS DISK STAMPED 177, LOCATED ON INLET TOP APPROX. 57' E. OF ARAPAHO RD & SPRUCEWOOD LN INT. C/L AND APPROX. 45' N. OF ARAPAHO RD C/L.
 COG MAP GRID C-4MAPSCO 8-Y***

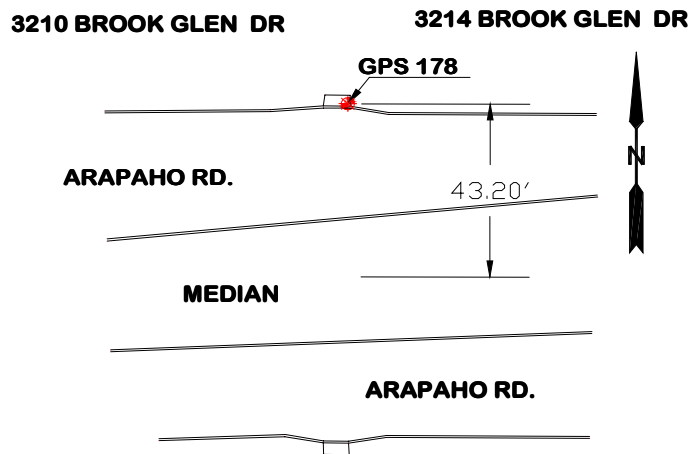
Table of Weather

Problem	Visibility	Temperature	Cloud Cover	Wind
NONE	GOOD	40°	CLOUDY	10 - 15 MPH
Any obstructions above 10° ? <input type="checkbox"/> YES <input type="checkbox"/> NO		Radio Interference source nearby ?		<input type="checkbox"/> YES <input type="checkbox"/> NO

RPLS: GSB P.Chief: TG Field Tech: KW Field Tech: CW

GPS Station Observation Log

Station Designation	Check applicable: <input checked="" type="checkbox"/> GEO. CNTRL. <input type="checkbox"/> Trav. PT. <input type="checkbox"/> BM	Station PID, if any:	DATE:
		GPS 178	3/11/2008
Project Name: Geodetic Monument	Project Number: GPS - 178	Stat. 4-Char ID: _____	Day of Year: _____
NAD83 Latitude: 32 57 38.71568	NAD83 Longitude: 96 40 37.82568	Session ID: (A,B,C,etc.)	
Observation Session Time		157.115	ft./meters
Sched. Start: _____ Stop: _____	NAVD88 Orthometric Height	Operator Full Name: Toney E. Gibson	
Actual Start: 7:18AM Stop: 11:23PM	183.091	Phone# (972) 205 - 2157	
Epoch Interval = 10 Seconds	GEOID03 Geoid Height	E-mail: gbreysac@ci.garland.tx.us	
Elevation Mask = _____ Degrees	ft./meters		
Receiver Brand & Model: Topcon Hiper Lite - Internal Antenna		Comments: 4 HRS. STATIC DATA RECORDED.	
<input type="checkbox"/> Base	<input checked="" type="checkbox"/> Rover	NOTE: ELEV. 600.69 IS ORTHO HT. CALC. BY OPUS.	
P/N: 01-840802-03	P/N: 01-840802-03	****600.71-LEVEL LOOP FROM NGSCS 2525 (NAVD 88)	
S/N: 263-0243	S/N: 263-0233		
ID: 8QATEMNVCHS	ID: 8OKPW2V2RR4		
** ANTENNA HEIGHT **		Meters	Feet
Slant Height to ARP:		1.577	5.160
Vertical Height to ARP:		1.5392	5.05
		NAD83 TXNC (4202)	
		N = 7037319.49000	
		E = 2527535.30000	
		Z = 600.71*	
		CSF = 0.99984921	
Meters = Feet x (0.3048) Height Entered into receiver : 1.5392 Meters.		Note: &/or sketch ANY unusual conditions. be Very Explicit as to where and how Measured .	
LOG Checked By:	Data File Name(s):	(standard NGS Format = aaaaddds.xxx) aaa=4 character ID, ddd=Day of Year,	



GPS 178, 2" BRASS DISK STAMPED 178, LOCATED ON INLET TOP APPROX. 43' NORTH OF ARAPAHO RD C/L, BEHIND 3210 & 3214 BROOK GLEN DR.

COG MAP GRID C-4MAPSCO 8-Z***

Table of Weather

Problem	Visibility	Temperature	Cloud Cover	Wind
NONE	FOGGY - MISTY	50°	CLOUDY	5 - 10 MPH
Any obstructions above 10° ? <input type="checkbox"/> YES <input type="checkbox"/> NO		Radio Interference source nearby ?		<input type="checkbox"/> YES <input type="checkbox"/> NO

RPLS: GSB P.Chief: TG Field Tech: KW Field Tech: CW

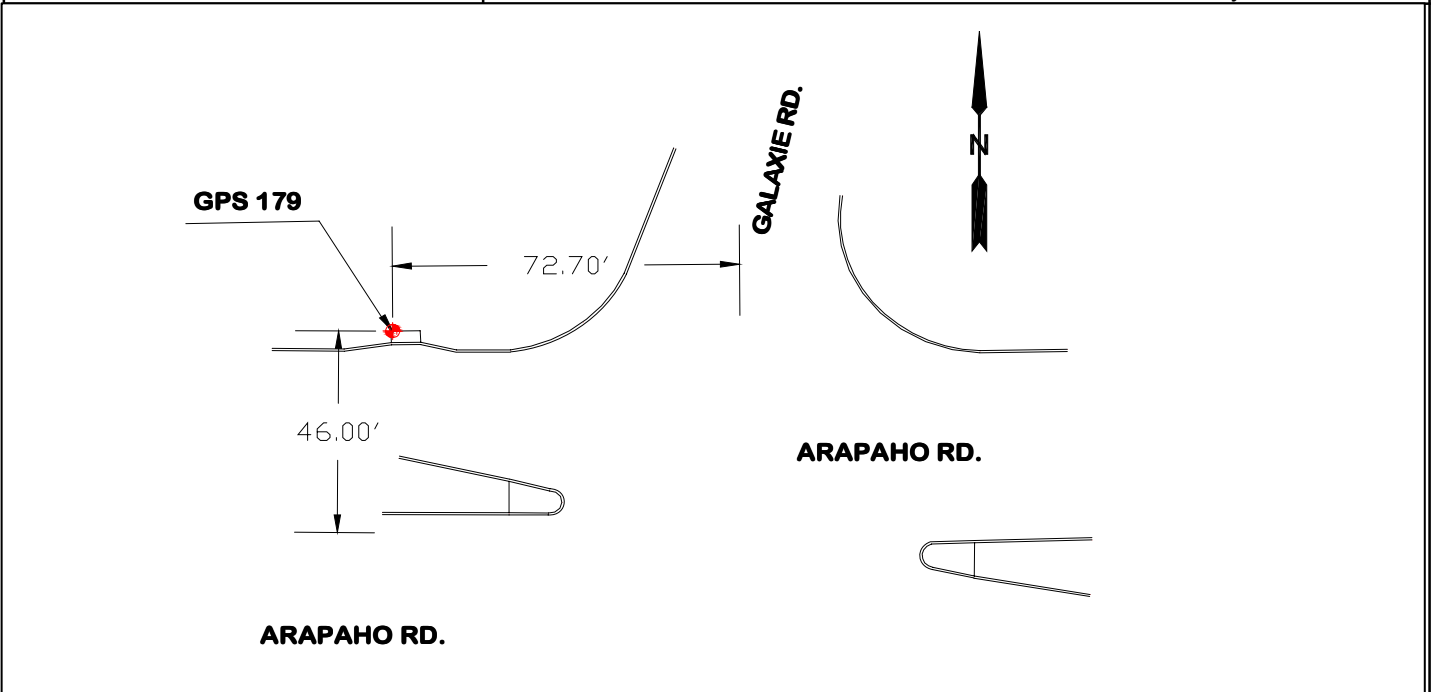
GPS Station Observation Log

Station Designation	Check applicable: <input checked="" type="checkbox"/> GEO. CNTRL. <input type="checkbox"/> Trav. PT. <input type="checkbox"/> BM	Station PID, if any:	DATE:
		GPS 179	2/27/2008
Project Name: Geodetic Monument	Project Number: GPS - 179	Stat. 4-Char ID: _____	Day of Year: _____
NAD83 Latitude: 32 57 38.68706	NAD83 Longitude: 96 40 26.74194	Session ID: (A,B,C,etc.)	
Observation Session Time		Agency Full Name: City of Garland	
Sched. Start: _____ Stop: _____		Operator Full Name: Toney E. Gibson	
Actual Start: 8:53AM Stop: 1:00PM		Phone# (972) 205 - 2157	
Epoch Interval = 10 Seconds		E-mail: gbreysac@ci.garland.tx.us	
Elevation Mask = _____ Degrees			

Receiver Brand & Model: Topcon Hiper Lite - Internal Antenna		Comments: 4 HRS. STATIC DATA RECORDED.
<input checked="" type="checkbox"/> Base	<input type="checkbox"/> Rover	NOTE: ELEV. 594.75 IS ORTHO HT. CALC. BY OPUS.
P/N: 01-840802-03	P/N: 01-840802-03	*LEVEL LOOP FROM NGSCS 2525 ELEV. 594.73 (NAVD 88)
S/N: 263-0243	S/N: 263-0233	
ID: 8QATEMNVCHS	ID: 8OKPW2V2RR4	

** ANTENNA HEIGHT **	Meters	Feet	NAD83 TXNC (4202)
Slant Height to ARP:	1.663	5.455	N = 7037332.99500
		5.345	E = 2528479.48600
Vertical Height to ARP:	1.6292		Z = 594.73*
			CSF = 0.99984949
Meters = Feet x (0.3048)	Note: &/or sketch ANY unusual conditions. be Very Explicit as to where and how Measured .		
Height Entered into receiver : 1.6292 Meters.			

LOG Checked By:	Data File Name(s):	(standard NGS Format = aaaaddds.xxx) aaa=4 character ID, ddd=Day of Year,
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GPS 179, 2" BRASS DISK STAMPED 179, LOCATED ON INLET TOP APPROX. 46' N. OF ARAPAHO RD C/L & APPROX. 72.70' W. OF GALAXIE RD C/L.
 COG MAP GRID C-4MAPSCO 8-Z***

Table of Weather				
Problem	Visibility	Temperature	Cloud Cover	Wind
NONE	GOOD	40°	CLEAR	10 - 15 MPH
Any obstructions above 10° ? <input type="checkbox"/> YES <input type="checkbox"/> NO		Radio Interference source nearby ?		<input type="checkbox"/> YES <input type="checkbox"/> NO

RPLS: GSB P.Chief: TG Field Tech: KW Field Tech: CW

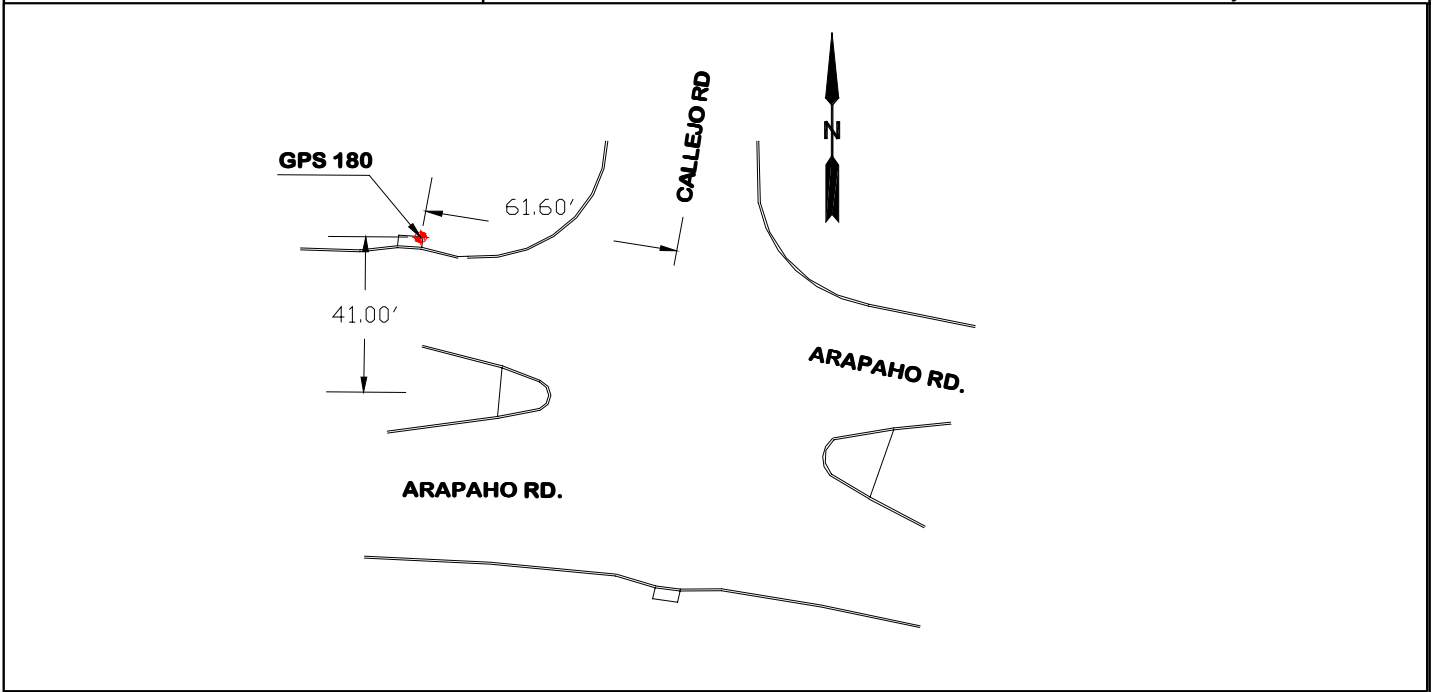
GPS Station Observation Log

Station Designation	Check applicable: <input checked="" type="checkbox"/> GEO. CNTRL. <input type="checkbox"/> Trav. PT. <input type="checkbox"/> BM	Station PID, if any:	DATE:
		GPS 180	2/27/2008
Project Name: Geodetic Monument	Project Number: GPS - 180	Stat. 4-Char ID: _____	Day of Year: _____
NAD83 Latitude: 32 57 39.03190	NAD83 Longitude: 96 40 12.25829	Session ID: (A,B,C,etc.)	
Observation Session Time		Agency Full Name: City of Garland	
152.285 ft./meters			
Sched. Start: _____ Stop: _____	NAVD88 Orthometric Height	Operator Full Name: Toney E. Gibson	
Actual Start: 8:40AM Stop: 12:47PM	178.239 ft./meters		
Epoch Interval = 10 Seconds	GEOID03 Geoid Height	Phone# (972) 205 - 2157	
Elevation Mask = _____ Degrees	ft./meters	E-mail: gbreysac@ci.garland.tx.us	

Receiver Brand & Model: Topcon Hiper Lite - Internal Antenna		Comments: 4 HRS. STATIC DATA RECORDED.
<input type="checkbox"/> Base	<input checked="" type="checkbox"/> Rover	NOTE: ELEV. 584.77 IS ORTHO HT. CALC. BY OPUS.
P/N: 01-840802-03	P/N: 01-840802-03	*LEVEL LOOP FROM NGSCS 2525 ELEV. 584.79 (NAVD88)
S/N: 263-0243	S/N: 263-0233	
ID: 8QATEMNVCHS	ID: 8OKPW2V2RR4	

** ANTENNA HEIGHT **	Meters	Feet	NAD83 TXNC (4202)
Slant Height to ARP:	1.598	5.240	N = 7037389.30700
		5.13	E = 2529712.62500
Vertical Height to ARP:	1.5636		Z = 584.79*
			CSF = 0.99984997
Meters = Feet x (0.3048)	Note: &/or sketch ANY unusual conditions. be Very Explicit as to where and how Measured .		
Height Entered into receiver : 1.5636 Meters.			

LOG Checked By:	Data File Name(s):	(standard NGS Format = aaaaddds.xxx) aaa=4 character ID, ddd=Day of Year,
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GPS 180, 2" BRASS DISK STAMPED 180, LOCATED ON INLET TOP APPROX. 41' N. OF ARAPAHO RD. C/L AND APPROX. 61.60' W. OF CALLEJO RD C/L.
 COG MAP GRID C-4MAPSCO 8-Z***

Table of Weather

Problem	Visibility	Temperature	Cloud Cover	Wind
NONE	GOOD	40°	CLEAR	10 - 15 MPH
Any obstructions above 10° ? <input type="checkbox"/> YES <input type="checkbox"/> NO		Radio Interference source nearby ?		<input type="checkbox"/> YES <input type="checkbox"/> NO

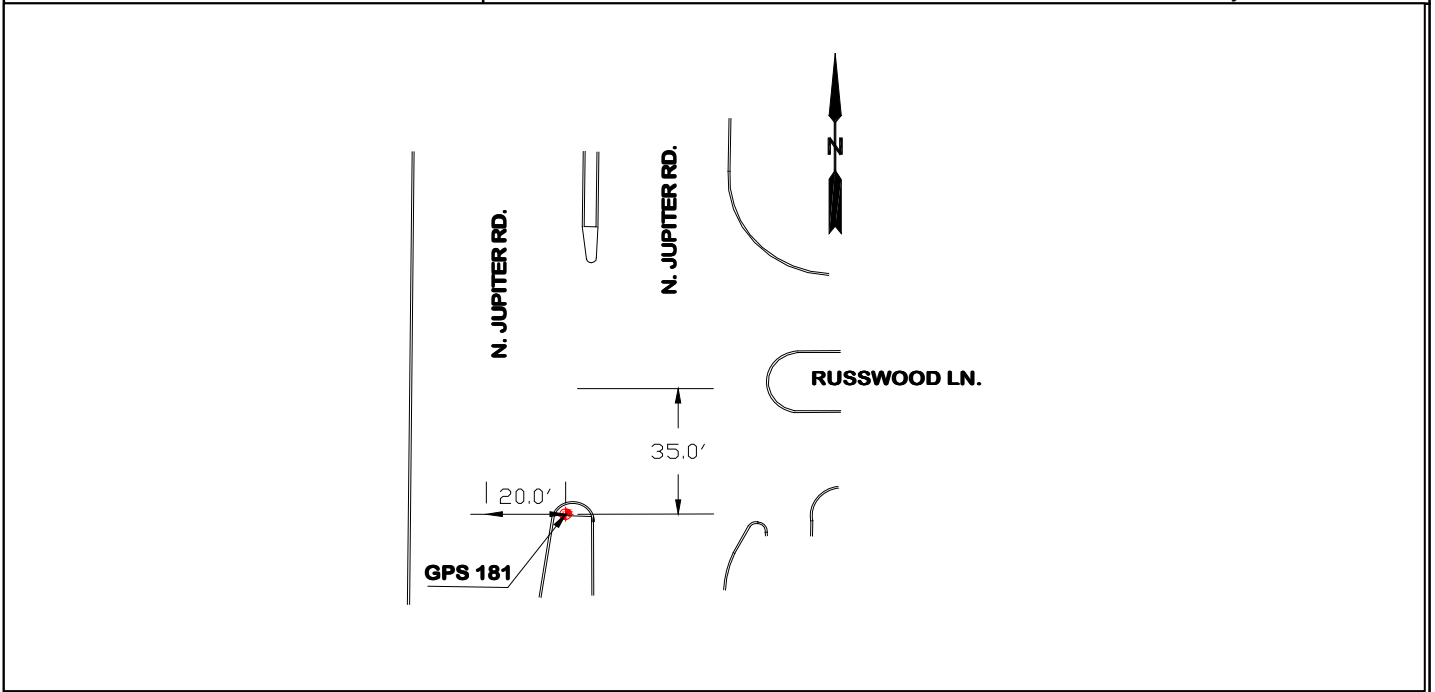
RPLS: GSB P.Chief: TG Field Tech: KW Field Tech: CW

GPS Station Observation Log

Station Designation	Check applicable: <input checked="" type="checkbox"/> GEO. CNTRL. <input type="checkbox"/> Trav. PT. <input type="checkbox"/> BM	Station PID, if any:	DATE:
		GPS 181	3/11/2008
Project Name: Geodetic Monument	Project Number: GPS - 181	Stat. 4-Char ID: _____	Day of Year: _____
NAD83 Latitude: 32 57 24.87753	NAD83 Longitude: 96 40 57.66360	Session ID: (A,B,C,etc.)	
Observation Session Time		164.397	ft./meters
Sched. Start: _____ Stop: _____	NAVD88 Orthometric Height	Operator Full Name: Toney E. Gibson	
Actual Start: 11:30AM Stop: 3:35PM	190.392	Phone# (972) 205 - 2157	
Epoch Interval = 10 Seconds	GEOID03 Geoid Height	E-mail: gbreysac@ci.garland.tx.us	
Elevation Mask = _____ Degrees	ft./meters		
Receiver Brand & Model: Topcon Hiper Lite - Internal Antenna		Comments: 4 HRS. STATIC DATA RECORDED.	
<input type="checkbox"/> Base	<input checked="" type="checkbox"/> Rover	NOTE: ELEV. 624.64 IS ORTHO HT. CALC. BY OPUS.	
P/N: 01-840802-03	P/N: 01-840802-03	****624.65-LEVEL LOOP FROM NGSCS 2525 (NAVD 88)	
S/N: 263-0243	S/N: 263-0233		
ID: 8QATEMNVCHS	ID: 8OKPW2V2RR4		

** ANTENNA HEIGHT **	Meters	Feet	NAD83 TXNC (4202)
Slant Height to ARP:	1.604	5.260	N = 7035891.95500
		5.15	E = 2525869.65600
Vertical Height to ARP:	1.5697		Z = 624.65*
			CSF = 0.99984818
Meters = Feet x (0.3048)	Note: &/or sketch ANY unusual conditions. be Very Explicit as to where and how Measured .		
Height Entered into receiver : 1.5697 Meters.			

LOG Checked By:	Data File Name(s):	(standard NGS Format = aaaaddds.xxx) aaa=4 character ID, ddd=Day of Year,
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GPS 181, 2" BRASS DISK STAMPED 181, LOCATED IN N. JUPITER RD C/L MEDIAN, APPROX. 20' E. OF JUPITER RD. SOUTH BOUND LANE C/L AND APPROX. 35' S. OF N. JUPITER RD & RUSSWOOD LN. INT. C/L.
 COG MAP GRID C3 & 4MAPSCO 18-C***

Table of Weather

Problem	Visibility	Temperature	Cloud Cover	Wind
NONE	GOOD	50°	P / CLOUDY	5 - 10 MPH
Any obstructions above 10° ? <input type="checkbox"/> YES <input type="checkbox"/> NO		Radio Interference source nearby ?		<input type="checkbox"/> YES <input type="checkbox"/> NO

RPLS: GSB P.Chief: TG Field Tech: KW Field Tech: CW