

Listing of District Base Stations (Regional Wireless Broadband Network, Phase 1)

[IAW 5 (b) (1)]

[IAW 6 (a) (b) (c)]

[IAW 15 (a) & (b)]

Fixed/Base Site 1 (DC 1000):

Name	Metropolitan Square
Address	615 15 th St., NW
N Lat	38° 53' 52"
W Lon	77° 01' 58.3"
Site Elevation AMSL	9 meters
Overall Ht AGL w/o Appurtenances	43.6 meters
Overall Ht AGL w/ Appurtenances	43.6 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 210° B 160° Γ 20°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 2 (DC 1001):

Name	One Judiciary Square
Address	441 4 th St., NW
N Lat	38° 53' 43"
W Lon	77° 00' 56.3"
Site Elevation AMSL	32 meters
Overall Ht AGL w/o Appurtenances	42.4 meters
Overall Ht AGL w/ Appurtenances	42.4 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 20° B 120° Γ 250°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 3 (DC1003):

Name	Reeves
Address	2000 14 th St., NW
N Lat	38° 55' 3.7"
W Lon	77° 01' 57.1"
Site Elevation AMSL	54 meters
Overall Ht AGL w/o Appurtenances	41.9 meters
Overall Ht AGL w/ Appurtenances	32.3 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 60° B 160° Γ 280°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 4 (DC 1074):

Name	Fletcher Johnson
Address	4650 Benning Road, SE
N Lat	38° 53' 2.5"
W Lon	76° 56' 1.18"
Site Elevation AMSL	51 meters
Overall Ht AGL w/o Appurtenances	18.1 meters
Overall Ht AGL w/ Appurtenances	18.0 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 345° B 95° Γ 245°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 5 (DC 1240):

Name	St. Elizabeth
Address	2700 Martin Luther King Jr. Ave., SE
N Lat	38° 50' 55.5"
W Lon	76° 59' 11.32"
Site Elevation AMSL	88 meters
Overall Ht AGL w/o Appurtenances	76.2 meters
Overall Ht AGL w/ Appurtenances	43.9 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 305° B 70° Γ 215°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 6 (DC 1256):

Name	Rhode Island
Address	1700 Rhode Island Ave., NE
N Lat	38° 55' 39.1"
W Lon	76° 58' 48.9"
Site Elevation AMSL	48 meters
Overall Ht AGL w/o Appurtenances	45.7 meters
Overall Ht AGL w/ Appurtenances	28.7 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 345° B 115° Γ 220°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 7 (DC 1271):

Name	Georgetown Hospital
Address	3800 Reservoir Road, NW
N Lat	38° 54' 41.4"
W Lon	77° 04' 32.7"
Site Elevation AMSL	49 meters
Overall Ht AGL w/o Appurtenances	32.2 meters
Overall Ht AGL w/ Appurtenances	32.2 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 0° B 150° Γ 240°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 8 (DC 1275):

Name	Sibley Hospital
Address	5255 Loughboro Road, NW
N Lat	38° 56' 12.8"
W Lon	77° 06' 28.9"
Site Elevation AMSL	71 meters
Overall Ht AGL w/o Appurtenances	27.7 meters
Overall Ht AGL w/ Appurtenances	27.7 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 30° B 140° Γ 270°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 9 (DC 1319):

Name	University of DC
Address	4200 Connecticut Ave., NW
N Lat	38° 56' 37.2"
W Lon	77° 03' 58.6"
Site Elevation AMSL	90 meters
Overall Ht AGL w/o Appurtenances	33.8 meters
Overall Ht AGL w/ Appurtenances	33.8 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 0° B 160° Γ 260°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 10 (DC 1393):

Name	GW Univ. Hospital
Address	2150 Pennsylvania Ave., NW
N Lat	38° 54' 5.5"
W Lon	77° 02' 54.5"
Site Elevation AMSL	21 meters
Overall Ht AGL w/o Appurtenances	42.1 meters
Overall Ht AGL w/ Appurtenances	42.1 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 155° B 200° Γ 345°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 11 (DC 1400):

Name	RFK
Address	201 21 st St., NE
N Lat	38° 53' 23.5"
W Lon	76° 58' 18.7"
Site Elevation AMSL	6 meters
Overall Ht AGL w/o Appurtenances	42.1 meters
Overall Ht AGL w/ Appurtenances	41.1meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 40° B 200° Γ 285°
Orientation in Vertical Plane (Tilt)	0°

Fixed/Base Site 12 (DC 1241):

Name	4 th District
Address	6001 Georgia Ave., NW
N Lat	38° 57' 46.9"
W Lon	77° 01' 35.7"
Site Elevation AMSL	12 meters
Overall Ht AGL w/o Appurtenances	213.1 meters
Overall Ht AGL w/ Appurtenances	40.8 meters
Beamwidth	65°
Orientation in Horizontal Plane (Azimuth)	A 40° B 100° Γ 195°
Orientation in Vertical Plane (Tilt)	0°