

BLOOMFIELD BLUE HILLS

**811 Blue Hills Avenue
Bloomfield, Connecticut**

Description of Proposed Cell Site

Cellco Partnership d/b/a Verizon Wireless
99 East River Drive
East Hartford, CT 06108

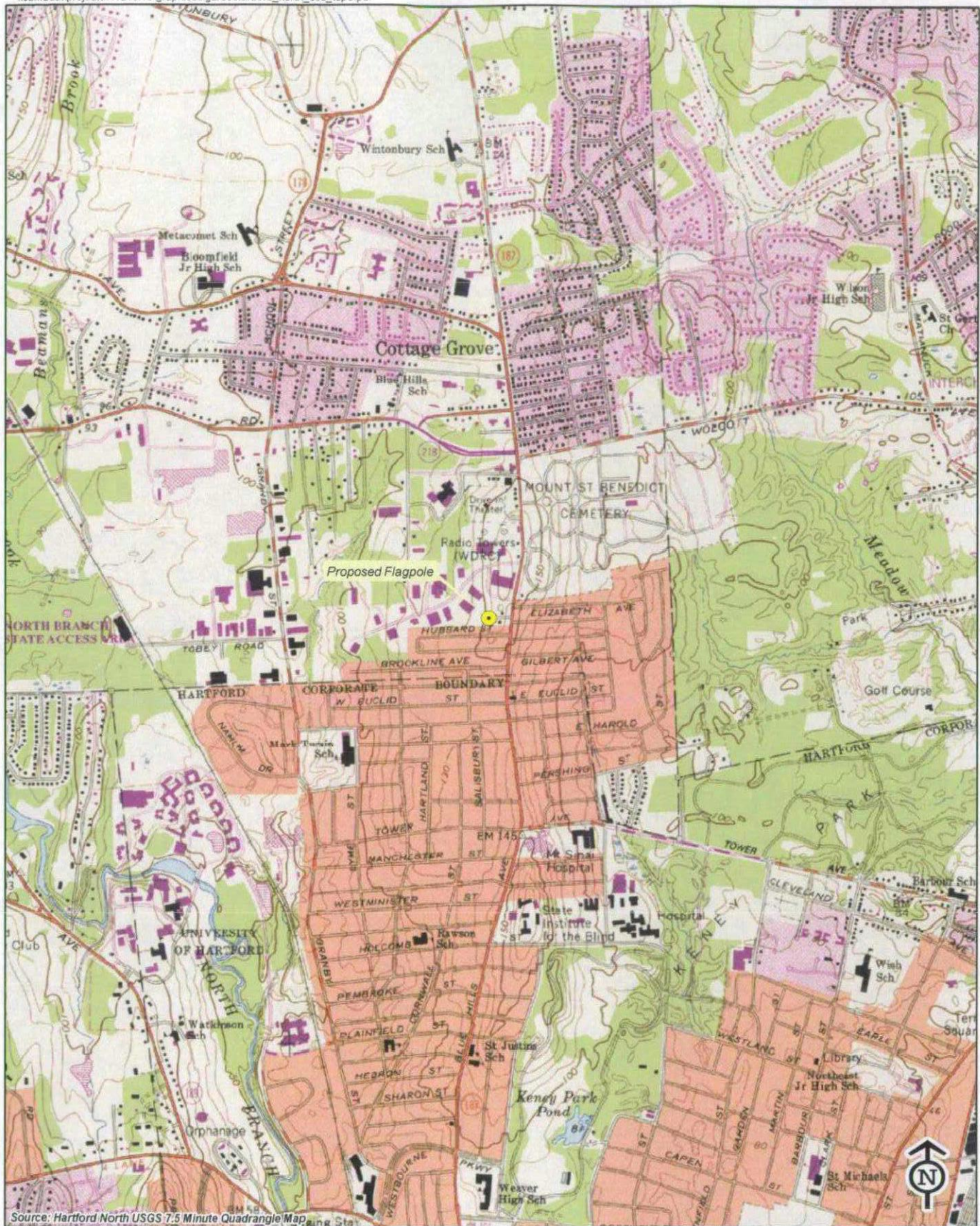
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SITE NAME: BLOOMFIELD BLUE HILLS – 811 Blue Hills Avenue, Bloomfield, CT

GENERAL CELL SITE DESCRIPTION

The proposed cell site would be located within an 23' x 75' leased compound in the southwesterly portion of an approximately 8.8 acre parcel ("Property") owned by Samo Realty LLC, at 811 Blue Hills Avenue in Bloomfield, Connecticut (the "Facility"). The proposed Facility would consist of a 110-foot telecommunications tower disguised as a flagpole. Cellco would install a total of six (6) internally-mounted antennas; three (3) PCS antennas at the 105 foot level; and three (3) cellular antennas at the 95-foot level on the tower. Cellco's radio equipment and a back-up generator will be located inside a 12' x 30' equipment shelter installed near the base of the tower. Vehicle access to the site would extend from Edgewood Avenue over a new gravel access driveway, a total distance of approximately 180 feet, to the site compound. Utility service would extend from existing service along Edgewood Avenue to the cell site.



2,000 1,000 0 2,000 Feet



Quadrangle Location

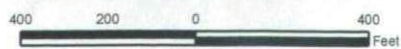
Vanasse Hangen Brustlin, Inc.

Topographic Site Location Map
Proposed Verizon Wireless
Telecommunications Facility
811 Blue Hills Avenue
Bloomfield, Connecticut





Source: 2000 Digital Aerial Photograph



Quadrangle Location

Vanasse Hangen Brustlin, Inc.

Aerial Photograph
Proposed Verizon Wireless
Telecommunications Facility
811 Blue Hills Avenue
Bloomfield, Connecticut

SITE EVALUATION REPORT

SITE NAME: BLOOMFIELD BLUE HILLS – 811 Blue Hills Avenue, Bloomfield, CT

I. LOCATION

- A. COORDINATES: 41°-38'-34.86" N 72°-41'-47.75" W
- B. GROUND ELEVATION: Approximately 164± feet AMSL
- C. USGS MAP: Hartford North, CT
- D. SITE ADDRESS: 811 Blue Hills Avenue, Bloomfield, CT
- E. ZONING WITHIN 1/4 MILE OF SITE: Land within 1/4 mile of the cell site is zoned Industrial-2, Blue Hills Gateway and Residential 10

II. DESCRIPTION

- A. SITE SIZE: 23' x 75' Leased Compound Area
- B. LESSOR'S PARCEL: Approximately 8.8 acres
- C. TOWER TYPE/HEIGHT: 110' Flagpole Tower
- D. SITE TOPOGRAPHY AND SURFACE: The topography in the immediate area of the site compound is flat. To the west of the compound the land slopes down and into the Bloomfield Industrial Park. To the east the land is relatively flat to Blue Hills Avenue. To the east of Blue Hills Avenue the land slopes down toward the Windsor town line. Limited clearing and grading of the leased area and access driveway would be required. The site has been situated so as to minimize, to the extent possible, the clearing of substantial trees.
- E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The tower is located in an open portion of the Property. The terrain around the tower site slopes down to the west into the Bloomfield Industrial Park and to the east, across Blue Hills Avenue. No wetland areas exist within or near the site compound or the access driveway. The closest wetland/watercourse is unnamed intermittent watercourse located approximately 2000 feet west of the Facility compound.
- F. LAND USE WITHIN 1/4 MILE OF SITE: The Facility is surrounded by the Town of Bloomfield Industrial Park to the north and west, by residential uses to the south and by commercial uses to the east along Blue Hill Avenue.

III. FACILITIES

- A. POWER COMPANY: Connecticut Light and Power
- B. POWER PROXIMITY TO SITE: Approximately 180 feet to the east.
- C. TELEPHONE COMPANY: AT&T
- D. PHONE SERVICE PROXIMITY: Same as power
- E. VEHICLE ACCESS TO SITE: Vehicle access to the site would extend from Edgewood Avenue over a new 12-foot wide gravel driveway to the site compound a total distance of approximately 180 feet.
- F. CLEARING AND FILL REQUIRED: Limited clearing and grading would be required for construction of the tower, site compound and new access drive. Detailed construction plans would be developed after approval of the site by the Siting Council.

IV. LEGAL

- A. PURCHASE ☐ LEASE ☒
- B. OWNER: Samo Realty, LLC
- C. ADDRESS: 811 Blue Hills Avenue, Bloomfield CT
- D. DEED ON FILE AT: Town of Bloomfield, CT Land Records

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FACILITIES AND EQUIPMENT SPECIFICATION
(NEW TOWER & EQUIPMENT BUILDING)

SITE NAME: BLOOMFIELD BLUE HILLS – 811 Blue Hills Avenue, Bloomfield, CT

I. TOWER SPECIFICATIONS:

- A. MANUFACTURER: To be determined
- B. TYPE: Self-supporting monopole – Flagpole
- C. TOWER HEIGHT: 110' DIMENSIONS: Approx. 40" base
Approx. 30" top

II. TOWER LOADING:

A. CELLCO EQUIPMENT:

- 1. Antennas (6)
Model – LPA-185080/12CF (71.1" x 4.1" x 5.9) PCS antennas @ 105'
Model – LPA-185080/12CF (71.1" x 4.1" x 5.9) Cellular antennas @ 95'
- 2. GPS Antenna: Mounted on the top of the equipment shelter
- 3. Transmission Lines:
 - a. MFG/Model: Andrews LDF5-50A
 - b. Size: 1 5/8"

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The towers will be designed in accordance with Electronic Industries Association Standard EIA/TIA-222-E "Structural Standards for Steel Antenna Towers and Antenna Support Structures." The foundation designs would be based on soil conditions at the site. Details for the towers and foundation designs will be provided as a part of the final D&M Plan.

ENVIRONMENTAL ASSESSMENT STATEMENT

SITE NAME: BLOOMFIELD BLUE HILLS – 811 Blue Hills Avenue, Bloomfield, CT

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

No water flow and/or water quality changes are anticipated as a result of the construction or operation of the facility. There are no lakes, ponds, rivers, streams, wetlands or other regulated bodies of water located in the area to be used for the access drive, tower or equipment building. The equipment used will not discharge any pollutants to area surface or groundwater systems.

B. AIR QUALITY

Under ordinary operating conditions, the equipment that would be used at the site would emit no air pollutants of any kind. For limited periods during power outages and periodically for maintenance purposes, minor levels of emissions from the on-site generator would result.

Pursuant to R.C.S.A. § 22a-174-3, the on-site emergency back-up generator proposed as a part of this application would require the issuance of a Connecticut Department of Environmental Protection Air Bureau permit for potential emissions. Cellco would obtain this permit prior to installing the generator at the approved cell site.

C. LAND

Minimal clearing and grading of the tower compound and access drive will be required. The remaining land of the Lessor would remain unchanged by the construction and operation of the cell site.

D. NOISE

The equipment to be in operation at the site after construction would emit no noise of any kind, except for operation of the installed heating, air conditioning and ventilation systems and occasional operation of a back-up generator which would be run during power failures and periodically for maintenance purposes. Some noise is anticipated during cell site construction, which is expected to take approximately four to six weeks.

E. POWER DENSITY

The worst-case calculation of power density for Cellco's Cellular and PCS antennas at the Bloomfield Blue Hills facility would be 17.05% the Standard.

F. VISIBILITY

See Visual Resource Evaluation Report included as Attachment 9.

PROJECT PLANS

CELLCO PARTNERSHIP

DBA



BLOOMFIELD BLUE HILLS

811 BLUE HILLS AVENUE
BLOOMFIELD, CONNECTICUT

PROJECT SUMMARY

SITE NAME:	BLOOMFIELD BLUE HILLS
SITE ADDRESS:	811 BLUE HILLS AVENUE BLOOMFIELD, CONNECTICUT
CONTACT PERSON:	CELCO PARTNERSHIP DBA VERIZON WIRELESS JAMES W. CARTER (860) 883-9219
GOVERNING CODE:	CONNECTICUT STATE BUILDING AND LIFE SAFETY CODE
APPLICANT:	CELCO PARTNERSHIP DBA VERIZON WIRELESS 995 EAST WHEEL DRIVE EAST HARTFORD, CT 06108
ARCHITECT:	URS CORPORATION A.E.S. 500 ENTERPRISE DRIVE ROCKY HILL, CT 06087
M/E/P ENGINEER:	URS CORPORATION A.E.S. 500 ENTERPRISE DRIVE ROCKY HILL, CT 06087
SURVEYOR:	URS CORPORATION A.E.S. 500 ENTERPRISE DRIVE ROCKY HILL, CT 06087

LEGEND

SYMBOL	DESCRIPTION
	SECTION OR DETAIL NUMBER
	SHEET WHERE DETAIL/SECTION OCCURS
	ELEVATION NUMBER
	SHEET WHERE ELEVATION OCCURS

ABBREVIATIONS

MIN.	MINIMUM
V.I.F.	VERIFY IN FIELD
O.C.	ON CENTER
PSF	POUND/SQUARE FOOT
TYP.	TYPICAL
TOC	TOP OF CONCRETE
TOW	TOP OF WALL

SHEET INDEX

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET - GENERAL NOTES AND LEGENDS
	SURVEY
	ABUTTERS PLAN
	SITE PLAN
SC-1	COMPOUND PLAN AND TOWER ELEVATION
SC-2	
SC-3	EQUIPMENT SHELTER ELEVATIONS AND SITE DETAILS

PROJECT DESCRIPTION

THE SCOPE OF THIS PROJECT INCLUDES THE PROPOSED INSTALLATION OF A 12'x30' UNMANNED WIRELESS COMMUNICATIONS EQUIPMENT SHELTER WITHIN A PROPOSED 23'-0"X75'-0" COMPOUND AND THE INSTALLATION OF SIX (6) VERIZON WIRELESS PANEL ANTENNAS LOCATED IN A PROPOSED RF TRANSPARENT FLAGPOLE

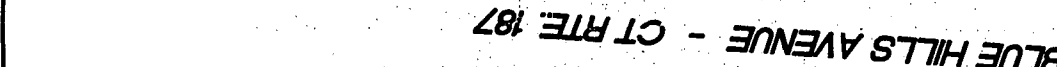
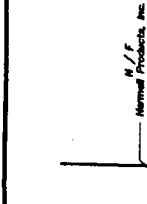
DIRECTIONS FROM HARTFORD

TAKE I-91 NORTH TOWARD SPRINGFIELD. TAKE THE CT-218 EXIT (EXIT 35B) TOWARD WINDSOR/BLOOMFIELD. TURN LEFT ONTO CT-218/PUTNAM HIGHWAY. CONTINUE TO FOLLOW CT-218. TURN LEFT ONTO BLUE HILLS AVENUE/CT-187. TURN RIGHT ONTO EDGEWOOD AVENUE. GRAVEL ACCESS DRIVE WILL BE AT THE END OF EDGEWOOD AVENUE.

VICINITY MAP

NO SCALE





LEGEND

	Beach		Manhatten
	Central Bushe		Manhade
	Conferees Tree		Parking Meter
	Deciduous Tree	4	Sign
	Gas Gate		Utility Pole
	Hydrant		Water Gate
	Light Pole		

TOPOGRAPHIC SURVEY
LAND OF
SAMO REALTY, LLC
BLUE HILLS AVENUE & EDGEWOOD AVENUE
BLOOMFIELD, CONNECTICUT
PREPARED FOR
CELLCO PARTNERSHIP

TO MY KNOWLEDGE AND BELIEF THIS MAP IS
SUBSTANTIALLY CORRECT AS NOTED HEREON

edw d

MICHAEL C. WALKER, L.S. 105282 NO. 14258

TRUE AND VALID COPIES OF THIS MAP ON PLAIN WHITE PAPER THE ORIGINAL
SIGNATURE AND EMBOSSED SEAL OF THE ABOVE NAMED LAND SURVEYOR.
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[illegible]

Embossed seal

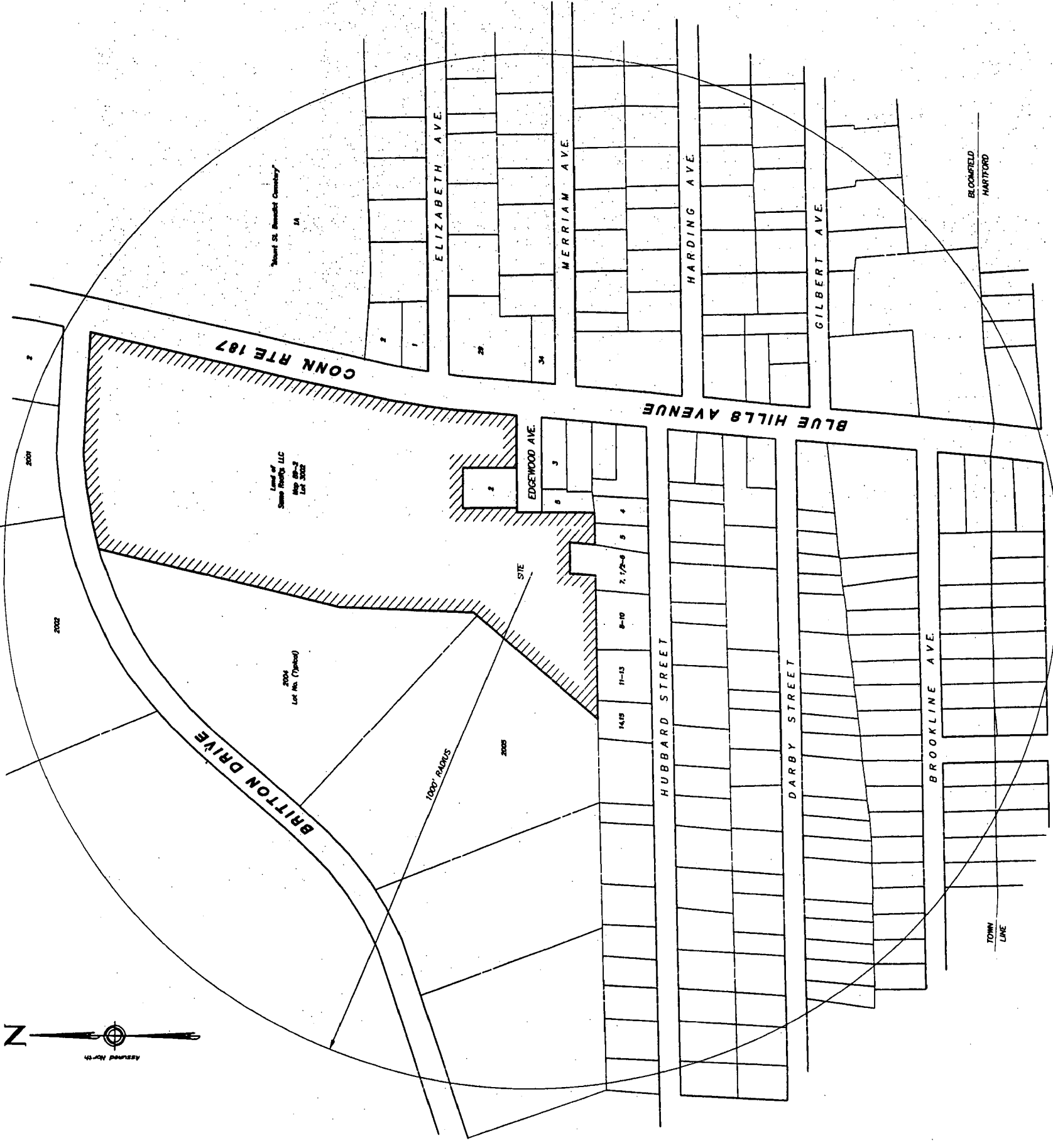
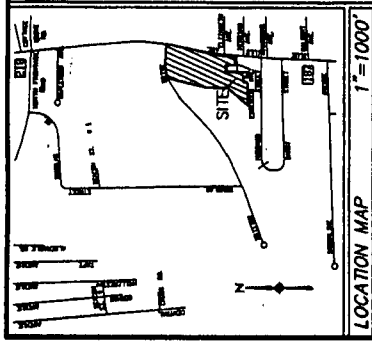
TO MY KNOWLEDGE AND BELIEF THIS MAP IS
SUBSTANTIALLY CORRECT AS NOTED HEREON

addgwl

MICHAEL G. WALKER, LS.

LIBERTY N.

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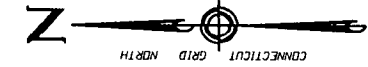
PROPERTY ABUTTERS LIST

MAP LOT	ADDRESS	OWNER
88-2/2	779 Edgewood Ave.	Blue Hills Fire Dept.
88-2/3	5 Edgewood Ave.	Larkin & Rosaline Altieri
88-2/4	8 Hubbard Street	Richard M. & Chae R. Johnson
88-2/5	12 Hubbard Street	James Boffa
88-2/6	18 Hubbard Street	David C. & Bryn Lutz McHenry
88-2/7	22 Hubbard Street	William Tyson
88-2/8	40 Hubbard Street	Dawn Perkinson-Thompson
88-2/9	11 Britton Drive	Lynnda B. Lammert
88-2/10	9 Britton Drive	Albino Properties, LLC
88-2/11	4 Britton Drive	Hennel Products, Inc.
88-2/12	4 Britton Drive	The C-Star Rubber Company
88-2/13	843 Blue Hills Ave.	J & L Smith LLC
88-2/14	804 Blue Hills Ave.	North Main, LLC
88-2/15	798 Blue Hills Ave.	Schubert M. Zhou
88-2/16	788 Blue Hills Ave.	K.A.A. LLC
88-2/17	778 Blue Hills Ave.	Philip W. Chazy
88-2/18	777 Blue Hills Ave.	Edna & Edmund Owen
88-2/19	776 Blue Hills Ave.	Kate E. Houghton
88-2/20	Blue Hills Ave.	Catholic Communities Association of Bloomfield of Hartford, Inc.

ABUTTERS PLAN
LAND OF
SAMO REALTY, LLC
BLUE HILLS AVENUE, BRITTON DRIVE & EDGEWOOD AVENUE
BLOOMFIELD, CONNECTICUT
PREPARED FOR
CELLCO PARTNERSHIP



URS		Drawing and Supplies by URS Corporation AES	
Scale: 1" = 100'		Date: APRIL 2004	
Field Book: 1508-13		Drawn by: 6527SD/OWSD	
Search: 4082		Project: 30920021	
No. Date		Map File: 1150-53A	



CONNECTICUT GRID NORTH

N / F
Hermell Products, Inc.

N / F
Allison Properties, LLC

PROPOSED CELCO PARTNERSHIP 23'x75' LEASE AREA

PROPOSED CELCO PARTNERSHIP 23'x75' GRAVEL COMPOUND

PROPOSED TOWER LOCATION
LATITUDE - 41°-48'-34.86"
LONGITUDE - 72°-41'-47.75"
NAD 83
ELEVATION 164
NGVD 29

1
SC-2

Land of
Sama Realty, LLC
Map 85-2
Lot 3002
Parcel Area =
8.81 Acres

APPROVED PARKING
AREA
NOT CONSTRUCTED

N / F
The Blue Hills
Volunteer Fire Dept., Inc.

Existing Building

8' x 11' 1/2'
Circular Culvert
Concrete Wall
ELEV. = 154.91

EDGEWOOD AVENUE

BLUE HILLS AVENUE - CT RTE. 187

PROPOSED CELCO PARTNERSHIP 12' WIDE GRAVEL ACCESS DRIVE

PROPOSED CELCO PARTNERSHIP ACCESS EASEMENT

EXISTING WOODED AREA TO BE CLEARED AS SHOWN LIMIT OF CLEARING

PROPOSED CELCO PARTNERSHIP SEDIMENTATION CONTROL BARRIER. REMOVE UPON COMPLETION OF CONSTRUCTION. REFER TO DETAIL 5/SC-3

PROPOSED UNDERGROUND ELECTRIC AND TELEPHONE SERVICE

EXISTING CLAP UTILITY POLE

Water Meter

Water Meter

Water Meter

Water Meter

Water Meter

Water Meter

Water Meter

N / F
Dawn Patton-Thompson

N / F
Lillian Tyson

N / F
David C. & Myra Lazz McKinney

N / F
Monica Walters

N / F
Rockford W. & Olive R. Johnson



SECTOR 1
30'

SECTOR 2
150'

SECTOR 3
270'

1
SC-1

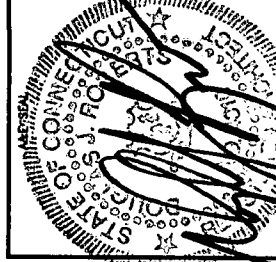
SITE PLAN
SCALE: 1"=20'-0"



ANTENNA ORIENTATION KEY

CELLCO PARTNERSHIP
DBA
verizon wireless

A&E FIRM
URS CORPORATION
500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-539-8882



PROJECT NO: 36931049

JOB NO: VZ1-224

DRAWN BY: PD

CHECKED BY:

ISSUED FOR

03-15-07 REVIEW

03-20-07 REVIEW

03-21-07 STING COUNCIL

THE INFORMATION CONTAINED
IN THIS SET OF DOCUMENTS
IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE
OTHER THAN THAT WHICH
RELATES TO VERIZON WIRELESS
IS STRICTLY PROHIBITED.

BLOOMFIELD
BLUE HILLS

811 BLUE HILLS AVENUE
BLOOMFIELD, CONNECTICUT

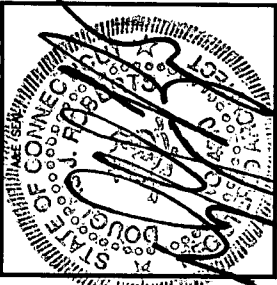
SCALE: AS NOTED

SITE PLAN

SC-1

CELLCO PARTNERSHIP
DBA
verizon wireless

AGE FIRM
URS CORPORATION
500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
1-(860)-529-8882



PROJECT NO: 36931049

JOB NO: VZ1-224

DRAWN BY: PD

CHECKED BY:

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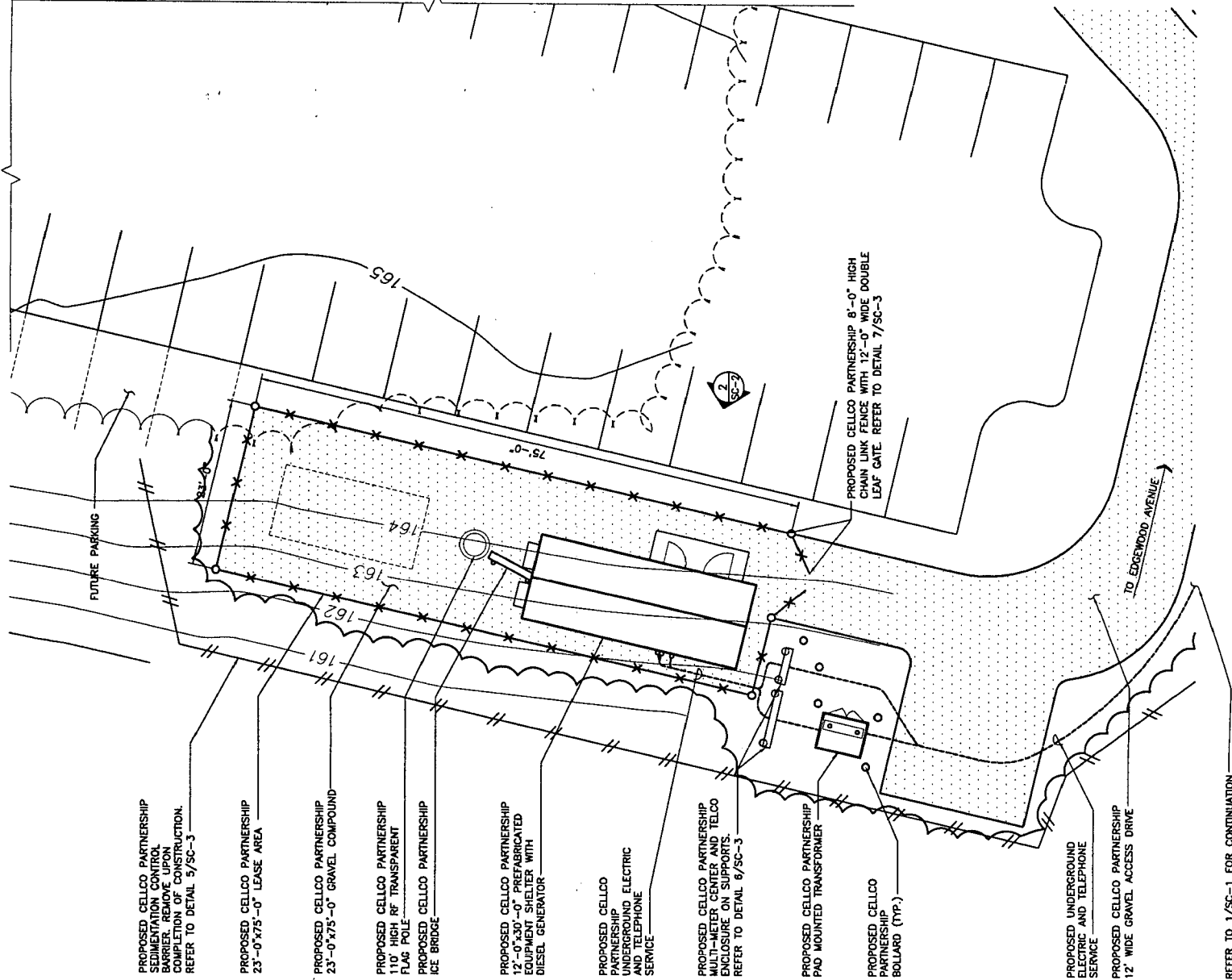
**BLOOMFIELD
BLUE HILLS**

811 BLUE HILLS AVENUE
BLOOMFIELD, CONNECTICUT

SCALE: AS NOTED

**COMPOUND
PLAN AND
TOWER ELEVATION**

SC-2

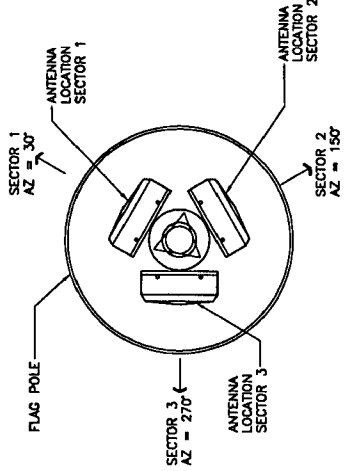


REFER TO 1/SC-1 FOR CONTINUATION

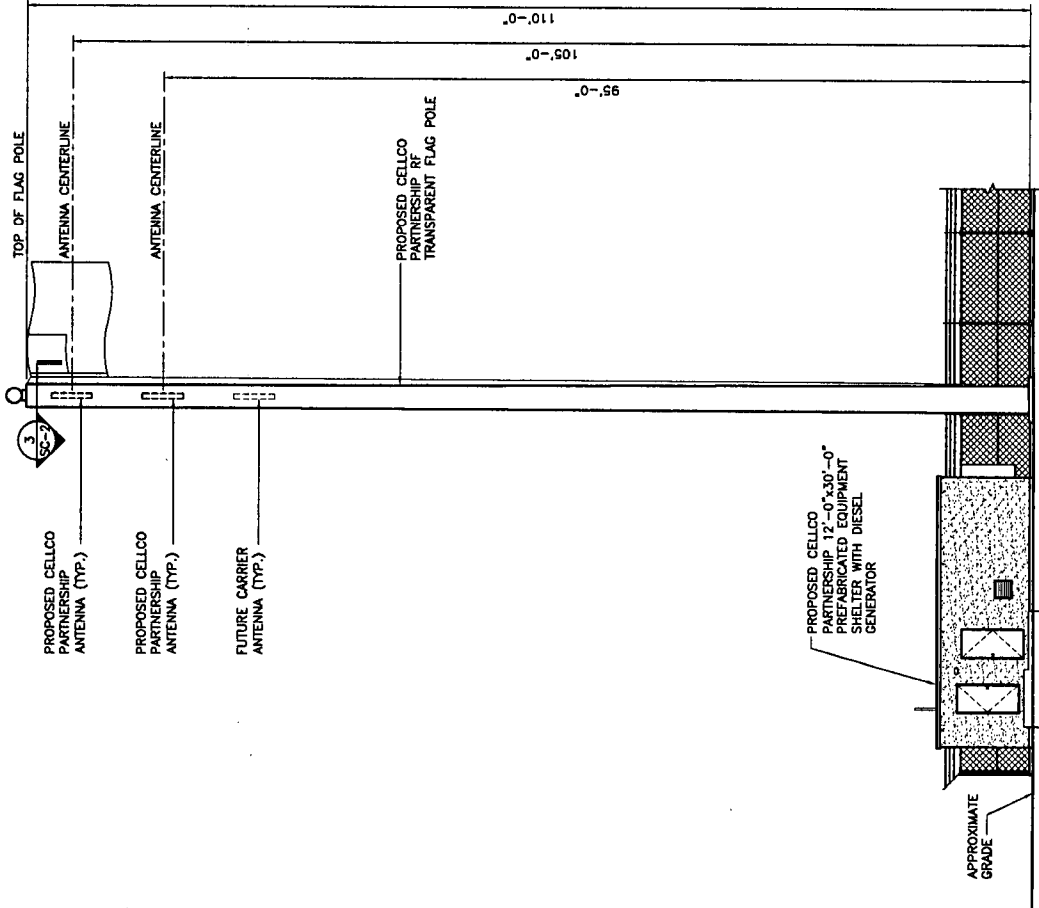


1 COMPOUND PLAN
SCALE: 1"=10'-0"

ANTENNA ORIENTATION KEY



3 ANTENNA ORIENTATION PLAN
SCALE: 1"=1'-0"



2 TOWER ELEVATION
SCALE: 1"=10'-0"



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03-20-07	REVIEW
03-21-07	SITING COUNCIL

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