



City of Duluth
Planning Division

411 West First Street • Room 208 • Duluth, Minnesota 55802-1197
218-730-5580 • Fax: 218-730-5904 • www.duluthmn.gov

An Equal Opportunity Employer

MEMORANDUM

DATE: October 6, 2014
TO: Planning Commissioners
FROM: Steven Robertson, Senior Planner
SUBJECT: Additional Information on PL 14-121 (SUP for Cell Tower in Chester Park)

After the public hearing was closed for PL 14-121 at the September 9, 2014, regular Planning Commission meeting, the Planning Commission tabled the item for further consideration. Additional information was provided at the September 23, 2014, Special Planning Commission Meeting. The item was tabled again (3-3 tie vote), and remains on the table for Planning Commission consideration.

Summary of information included with this memo:

Parks and Recreation Commission

At their September 10, 2014, regular meeting, the Parks Commission voted to support the proposed cell tower at the former ski jump site. Included is a two page handout by the President of the Parks and Recreation Commission that was distributed at the Planning Commission meeting of September 23, 2014.

Revised Submittals

Based upon comments heard at the September 9, 2014, Planning Commission meeting, the applicant revised the construction drawings. The revised drawings show the proposed cell tower having two antenna bays (instead of the four initially shown) and the location has moved from the ski hill to near the site of the former Big Chester Ski Jump. Also included is a revised landscape plan that was distributed at the Planning Commission meeting of September 23, 2014.

Site Images

The applicant submitted revised photo-simulations of the proposed site (showing the proposed cell tower near the former Big Chester Ski Jump). City staff handed out additional images at the Planning Commission meeting of September 23, 2014. There is one additional image of the Big Chester Ski Jump, showing its structural support wires and the cell antennas that have been on the structure since 2000.

Additional Citizen Comment

- September 24, 2014 email from Ann Holtz,
- Petition in opposition to the proposed cell tower (1 page of 34 total pages) hand delivered September 23,
- October 3, 2014, letter from Betty Christensen,
- October 7, 2014 email from Ann Holtz, and
- Online petition in opposition to the proposed cell tower.

Zoning and Future Land Use Designation

In 2010, the City Council adopted a telecommunications ordinance revising the standards and process for approval of these type of facilities. Prior to the ordinance, a special use permit was only required for towers over 50 feet in height. Facilities less than 50 feet in height, or those located on roof tops, water

towers, or similar structures, did not need a special use permit. Thus, a Special Use Permit was not required for this type of telecommunication facility at the time it was legally constructed in 2000.

The entire park is zoned R-1, Residential Traditional (most of the parks in Duluth are zoned R-1). The City is in the process of rezoning various parks to the P-1, Park and Open Space, designation (for example, Park Point in late 2012, and Wade/Wheeler in mid 2013). A telecommunications facility is a special use in most zone districts, including both R-1 and P-1.

Chester Park is a mix of future land use designations, recreation and preservation.

Future Land Use Preservation: Lands with substantial restrictions. High natural resource or scenic value, or severe development limitations. Primarily public lands but limited private use is anticipated subject to use and design controls. Examples include: most city parklands and primary viewsheds; shorelands of lake, rivers, streams; wetlands and floodplains; high-value habitat; low-intensity private or public uses.

Future Land Use Recreation: Park and open space areas dedicated to active recreation, such as neighborhood parks, community centers, downhill ski areas, playgrounds, ball fields, water recreation, and associated facilities such as parking.

Both the originally proposed location (on the ski hill) and the revised location (by the old ski jump) are designated as Recreation future land use. The proposed stealth monopole is not incompatible with the Recreation future land use designation, as it (unlike Preservation) allows for multiple active and passive uses.

Siting Criteria

According to our section 50-20.4.E.3, Location Standards:

Wireless telecommunications facilities shall be located, sited and erected in accordance with the following priorities, (i) being the highest priority and (vi) being the lowest priority:

- (i) On existing towers or other structures on city owned properties;
- (ii) On existing towers or other structures on other property in the city;
- (iii) A new tower on city owned properties;
- (iv) A new tower on properties in Special Purpose Districts;
- (v) A new tower on properties in Mixed Use or Form Districts;
- (vi) A new tower on properties in Residential Districts.

The code requires that new facilities be located on existing towers or other structures on city owned properties first, and then existing towers on other property, and then a new tower within city owned property. City staff consider this a replacement facility, since it is replacing the legally permitted telecommunication facility was displaced with the removal of the ski jump by the City (meeting standard (i), on existing structures on city owned property). Never-the-less, the applicant also completed a site search for other suitable locations in the area. They determined that a location in Chester Park would best meet their coverage and capacity needs for the general area, after reviewing other towers/structures on city owned property or other property in the city per steps (i) and (ii), leading them to step (iii), a new tower on city owned property. The applicant is following the siting process as required by the UDC for this single monopole.

Staff Recommendation:

Staff recommend approval of the Special Use Permit, per the staff report submitted for the September 9, 2014, Planning Commission meeting, with the two additional conditions that were recommended at the September 23, 2014 Planning Commission meeting (summarized below):

- 1) The project be limited to, constructed, and maintained according to construction drawings titled "Duluth Chester Park Ski Jump Relo MS25XC156" dated 7/19/14, and as revised as shown in the revised construction drawings dated 9/16/14,
- 2) Applicant complies with requirements of items identified in the August 19, 2014 document from Center for Municipal Solutions, including submitting temporary relief items prior to applying for a building permit (including a \$25,000 removal bond, insurance with the city listed as an additional insured, indemnification, geotechnical report, and certified structural analysis).
- 3) Any alterations to the approved plans that do not alter major elements of the plan may be approved by the Land Use Supervisor without further Planning Commission approval; however, no such administrative approval shall constitute a variance from the provisions of Chapter 50.
- 4) The project is to be constructed at the old Chester Park Ski Jump (current location of the temporary facility) with the revised landscape plan, and
- 5) Applicant to do post-construction testing of the new facility to document that the site is in compliance with the FCC requirements.

Note: UDC 50-37.1.N states that an approved Special Use Permit will expire if the project or activity authorized by the permit is not begun within 1 year.



Other Areas Reviewed By Sprint

Locations A, B & C were reviewed and approved locations by Sprint. Location C is the existing site/temp pole location
Location D was reviewed but coverage objectives could not be met do to the existing lower elevation and tower height code restriction of 75' (minimum tower height of 130' would be required in this location)

Areas in the black circles were reviewed for potential colocation opportunities on existing structures. All Existing structures in these areas and surrounding areas, were substantially below the elevation or height requirement needed by Sprint to accomplish the required coverage objectives or were residential homes



**PL 14-121, 1805 East Skyline
75 Foot Monopole Cell Tower**

Legend	
	Future Land Use
	Preservation
	Recreation
	Rural Residential
	Low-density Neighborhood
	Traditional Neighborhood
	Urban Residential
	Neighborhood Commercial
	Neighborhood Mixed Use
	General Mixed Use
	Central Business Secondary
	Central Business Primary
	Auto Oriented Commercial
	Large-scale Commercial
	Business Park
	Tourism/Entertainment District
	Medical District
	Institutional
	Commercial Waterfront
	Industrial Waterfront
	Light Industrial
	General Industrial
	Transportation and Utilities

The City of Duluth has tried to ensure that the information contained in this map or electronic document is accurate. The City of Duluth makes no warranty or guarantee concerning the accuracy or reliability. This drawing/data is neither a legally recorded map nor a survey and is not intended to be used as one. The drawing/data is a compilation of records, information and data located in various City, County and State offices and other sources affecting the area shown and is to be used for reference purposes only. The City of Duluth shall not be liable for errors contained within this data provided or for any damages in connection with the use of this information contained within.



Aerial photography: floorn.2013

Prepared by: City of Duluth Planning Division, October 7, 2014; Source: City of Duluth.

SUMMARY OF THE PARKS AND RECREATION COMMISSION CONSIDERATION OF
THE CELL PHONE MONOPOLE SITE IN CHESTER BOWL PARK
ON SEPTEMBER 9, 2014.

(Presented to the City of Duluth Planning Commission
on September 23, 2014, by Edwin K. Hall,
President of the City of Duluth Parks and Recreation Commission.)

On September 9, 2014, the City of Duluth's Parks and Recreation Division was informed by the Manager of MIS in the City of Duluth that the Planning Commission had requested at its meeting on September 8 to have a recommendation from the Parks and Recreation Commission stating whether the Parks Commission supports the cell phone monopole in the area of the current temporary monopole location at Chester Bowl Park.

The issue was added to the Parks and Recreation Commission agenda for its meeting that evening, on September 9.

Representatives of the City Planning Department, MIS and Facilities Management, as well as a representative from Sprint, presented information to the Commission regarding the two sites being considered for the location of a cell phone monopole at Chester Bowl Park. Public comments were received on the issue of where in Chester Bowl Park the cell phone monopole should be located. Public comments and emails were also received that opposed locating the cell phone monopole anywhere in Chester Bowl Park.

During the presentation, the City Planning Division informed the Parks Commission:
"Since around 2000, Sprint had had an existing telecommunications facilities on the 115 foot tall ski jump known as "Big Chester". That structure was demolished on August 19, 2014. Sprint has a temporary facility next to the Big Chester site, but needs to build a permanent facility"
(Staff Report of the City of Duluth Planning Division submitted to the Parks Commission. "Staff Report")

During the presentation, the Parks Commission was also informed that the City had a contract requiring the cell phone monopole to be in Chester Bowl. The "Staff Report" indicated that the City Council had approved a lease contract with Sprint on July 21, 2014.

(City Council Resolution 14-0392R's STATEMENT OF PURPOSE states, "This Resolution authorizes the City to renew an existing lease contract with Sprint Spectrum L.P. at the Chester Bowl Site located at 1805 East Skyline Parkway with renegotiated terms for the purpose of providing cellular communications equipment space at that site.")

The Parks Commission was further informed by City representatives that a site in Chester Bowl Park, other than where the existing facility is located at the Big Chester ski jump site, had been considered, but that the City, and Sprint, favored keeping the new cell phone monopole at the existing site. Public comments, including comments from City Councilors Sharla Gardner and Joel Sipress, favored having the new cell phone monopole at the existing site.

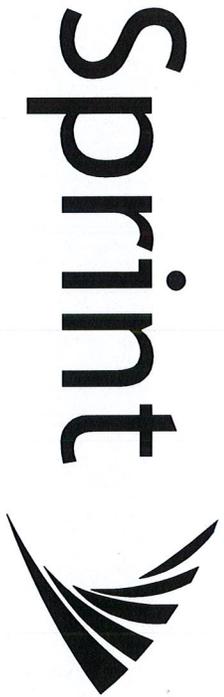
Although some public comments opposed having a cell phone monopole located anywhere in Chester Bowl Park, the Parks Commission was informed by City representatives that because of the past, and existing, contracts with Sprint to have cellular communications equipment in Chester Bowl, locating the cell phone monopole outside of the park was not an option for the Parks Commission to consider.

After consideration of all of the information, presentations and public comments submitted to the Commission, the Parks and Recreation Commission approved placing the new cell phone monopole at the location of the existing facility near the Big Chester ski jump site, with the recommendation that it be sited in such a manner as to blend into the natural environment, and be as visually unobtrusive as feasible.

The following is the text of the Motion made by Commissioner Holak, seconded by Commissioner Braun and approved by a unanimous vote of Commissioners present on September 9, 2014:

“Motion, to keep the existing cell phone tower in its existing location in Chester Park, with the acknowledgement that the site around the cell tower be re-vegetated and improved.”

9-23-2014



SITE NAME: DULUTH CHESTER PARK SKI JUMP RELO
SITE NUMBER: MS25XC156 (OLD MS03NP156)
SITE ADDRESS: 1805 EAST SKYLINE PARKWAY
 DULUTH, MN 55805
SITE TYPE: 75'-0" STEALTH MONOPOLE
 (AT EXISTING TEMP. POLE LOCATION)

SITE INFORMATION

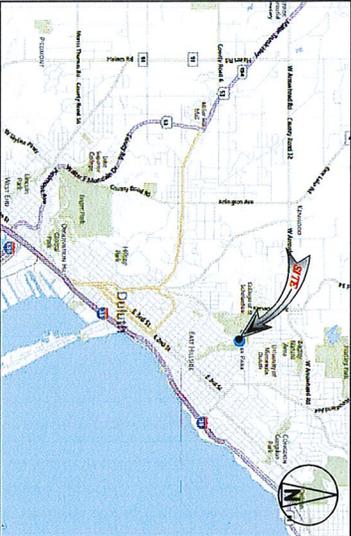
SITE ADDRESS:
 1805 EAST SKYLINE PARKWAY
 DULUTH, MN 55805
PROPERTY OWNER:
 CITY OF DULUTH
 200 WEST 1ST STREET
 DULUTH, MN 55805

POWER COMPANY:
 MINNESOTA POWER
TELCO COMPANY:
 CENTURYLINK
COUNTY:
 SAINT LOUIS

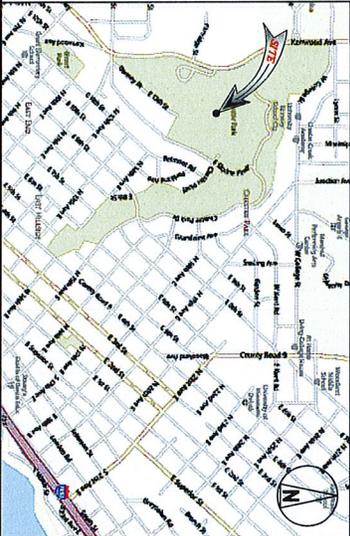
ZONING JURISDICTION:
 CITY OF DULUTH
LATITUDE (NAD83):
 46° 48' 41.30" N
LONGITUDE (NAD83):
 92° 09' 42.95" W

CONTACT ENGINEER:
 JOHN D. OHLER
 651-413-3800
 johl@ohlertec.com

AREA MAP



LOCATION MAP



APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:
 IBC 2006 (2007 MINNESOTA STATE BUILDING CODE)
 IRC 2006 (2007 MINNESOTA STATE BUILDING CODE)
 MEC 2006 WITH AMENDMENTS
 NEC 2008 ELECTRICAL CODE
 IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

DRAWING INDEX

SHEET NO.	TITLE
T-1	TITLE SHEET & PROJECT DATA
A-1	SITE PLAN
A-2	STANDARD DETAILS
A-3	PROPOSED TOWER ELEV. & ANTENNA LAYOUTS
A-4	ANTENNA DETAILS & ANTENNA SCHEDULES
A-5	RRU DETAILS
G-1	SECTIONS & DETAILS
G-2	GROUNDING PLAN & NOTES
	GROUNDING DETAILS

- INSTALL 75' STEALTH MONOPOLE
- INSTALL (3) SPRINT NETWORK VISION ANTENNAS
- INSTALL (3) SPRINT LEGACY CDMA ANTENNAS
- INSTALL (1) MMSS-BBU CABINET
- INSTALL (1) MMSS-ANTENNY CABINET
- INSTALL LEGACY CDMA EQUIPMENT CABINETS
- INSTALL (6) RRU'S AT GROUND LEVEL
- INSTALL JUMPERS
- INSTALL (1) GROUND MOUNTED GPS ANTENNA
- INSTALL HYBRID CABLES
- INSTALL COAX
- INSTALL FIBER AND AWG (RND) EQUIPMENT AT CELL SITE

11" x 17" PLOT WILL BE HALF SCALE UNLESS OTHERWISE NOTED

- DRIVING DIRECTIONS FROM NEAREST MAJOR AIRPORT**
1. FROM DULUTH INTERNATIONAL AIRPORT
 2. TURN RIGHT ONTO RICE LAKE ROAD (GO 1.5 MILES)
 3. TURN LEFT ONTO WEST ARROWHEAD ROAD (GO 1.5 MILES)
 4. TURN RIGHT ONTO KENNEDY AVENUE (GO 1.2 MILES)
 5. TURN LEFT ONTO SKYLINE PARKWAY (GO 0.3 MILES)
 6. TAKE 2ND LEFT ONTO NORTH CHESTER PARKWAY (GO 325 FEET TO SITE)



Ulteig Engineering Associates Inc.
 1805 East Skyline Parkway
 Duluth, MN 55805
 Phone: 612-413-3800
 Fax: 612-413-3801
 Email: info@ulteig.com
 Website: www.ulteig.com



6580 SPRINT PARKWAY
 OVERLAND PARK, KANSAS 66251

PROJECT NO: 13.01583

DRAWN BY: JHM

CHECKED BY: JMS

REV	DATE	DESCRIPTION
1	07/24/14	ISSUED FOR CONSTRUCTION
2	07/24/14	REVISED PER CITY
3	09/14/14	REVISED PER CITY
0	07/02/14	REVISED TOWER/RRU LOCATION
1	10/19/13	ISSUED FOR REVIEW

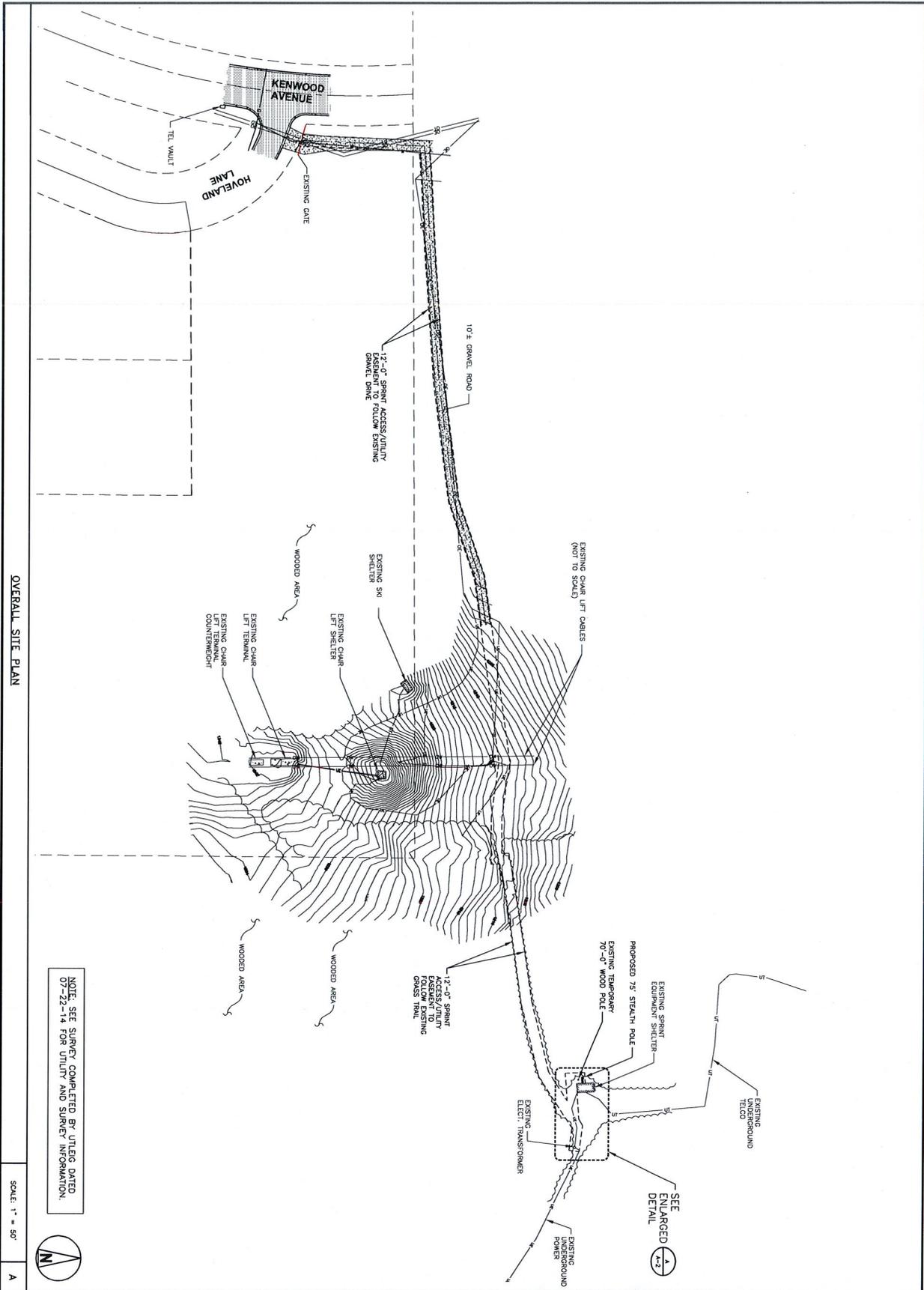
THE SIGNED DRAWING IS THE CORRECT RECORD DRAWING FOR THE PROJECT. ANY CHANGES TO THE DRAWING MUST BE MADE BY THE SIGNED DESIGN PROFESSIONAL. CHANGES UNDER THE SEAL OF THE STATE OF MINNESOTA.
 DATE: 09-16-14, LIC. NO. 47385
 ISMCK OJULAND

IF IS A VIOLATION OF LAW FOR ANY PERSON, OTHER THAN THE SIGNED DESIGN PROFESSIONAL, TO REPRODUCE OR TRANSMIT THIS DOCUMENT IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF ULTEIG ENGINEERING ASSOCIATES, INC.

MS03NP156
 DULUTH CHESTER PARK
 SKI JUMP RELO
 1805 EAST SKYLINE PKWY
 DULUTH, MN 55805

SHEET TITLE
 TITLE SHEET &
 PROJECT DATA

SHEET NUMBER
 T-1



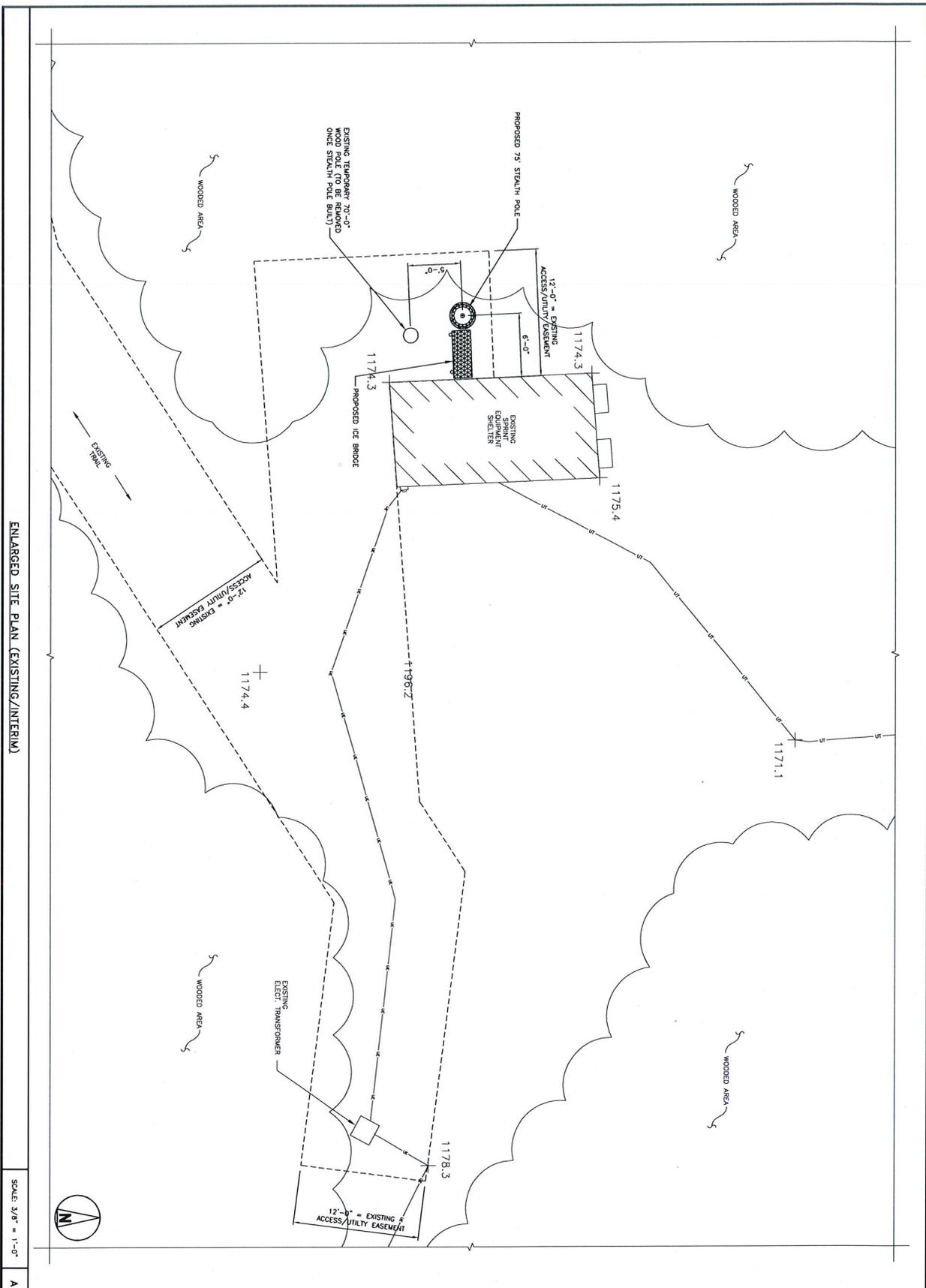
OVERALL SITE PLAN

NOTE: SEE SURVEY COMPLETED BY ULTEIG DATED 07-22-14 FOR UTILITY AND SURVEY INFORMATION.

SCALE: 1" = 50'



 <p>6380 SPRINT PARKWAY OVERLAND PARK, KANSAS 66251</p>		
 <p>4000 Lincoln University Blvd Overland Park, KS 66204 Phone: 913.415.8800 Fax: 913.415.8800 www.ulteig.com</p>		
PROJECT NO:	13.01563	
DRAWN BY:	JMM	
CHECKED BY:	LJO	
REV	DATE	DESCRIPTION
1	09/17/14	ISSUED FOR CITY
2	07/24/14	ISSUED FOR CONSTRUCTION
3	07/24/14	REVISE TOWER/POLE LOCATION
4	07/25/14	REVISE TOWER/POLE LOCATION
5	10/15/13	ISSUED FOR REVIEW
<p>THE SIGNED DRAWING IS THE COMPLETE RECORD OF THE PROJECT. ANY CHANGES TO THE PROJECT SHALL BE MADE BY A SIGNED AND DATED REVISION SHEET. ANY CHANGES TO THE PROJECT SHALL BE MADE BY A SIGNED AND DATED REVISION SHEET. ANY CHANGES TO THE PROJECT SHALL BE MADE BY A SIGNED AND DATED REVISION SHEET.</p> <p>DATE: 09-16-14 I.C. No. 47985</p> <p>ISAC OHLAND</p>		
<p>THIS IS A LOCATION OF LUM FOR THE PROPOSED SKI LIFT. THE SKI LIFT IS NOT TO BE CONSIDERED A PERMANENT STRUCTURE. THE SKI LIFT IS TO BE CONSIDERED A TEMPORARY STRUCTURE. THE SKI LIFT IS TO BE CONSIDERED A TEMPORARY STRUCTURE. THE SKI LIFT IS TO BE CONSIDERED A TEMPORARY STRUCTURE.</p> <p>M503NP156 DULUTH CHESTER PARK SKI JUMP RELO 1805 EAST SKYLINE PKWY DULUTH, MN 55805</p>		
<p>SHEET TITLE</p> <p>OVERALL SITE PLAN</p>		
<p>SHEET NUMBER</p> <p>A-1</p>		



ENLARGED SITE PLAN (EXISTING/INTERIM)

SCALE: 3/8" = 1'-0"

A



4816 Lindbergh Avenue N.
P.O. Box 1000
Plymouth, MN 55442
Phone: 612-415-0000 Fax: 612-415-0001
Website: www.ulteig.com Email: sales@ulteig.com

PROJECT NO: 1301563
DRAWN BY: JMM
CHECKED BY: JLD

REV	DATE	DESCRIPTION
3	06/16/14	ISSUED FOR CONSTRUCTION
2	07/27/14	ISSUED FOR CONSTRUCTION
1	07/29/14	POLE TOWER/ZIP CODE
0	07/29/14	POLE TOWER/ZIP CODE
A	10/17/13	ISSUED FOR REVIEW

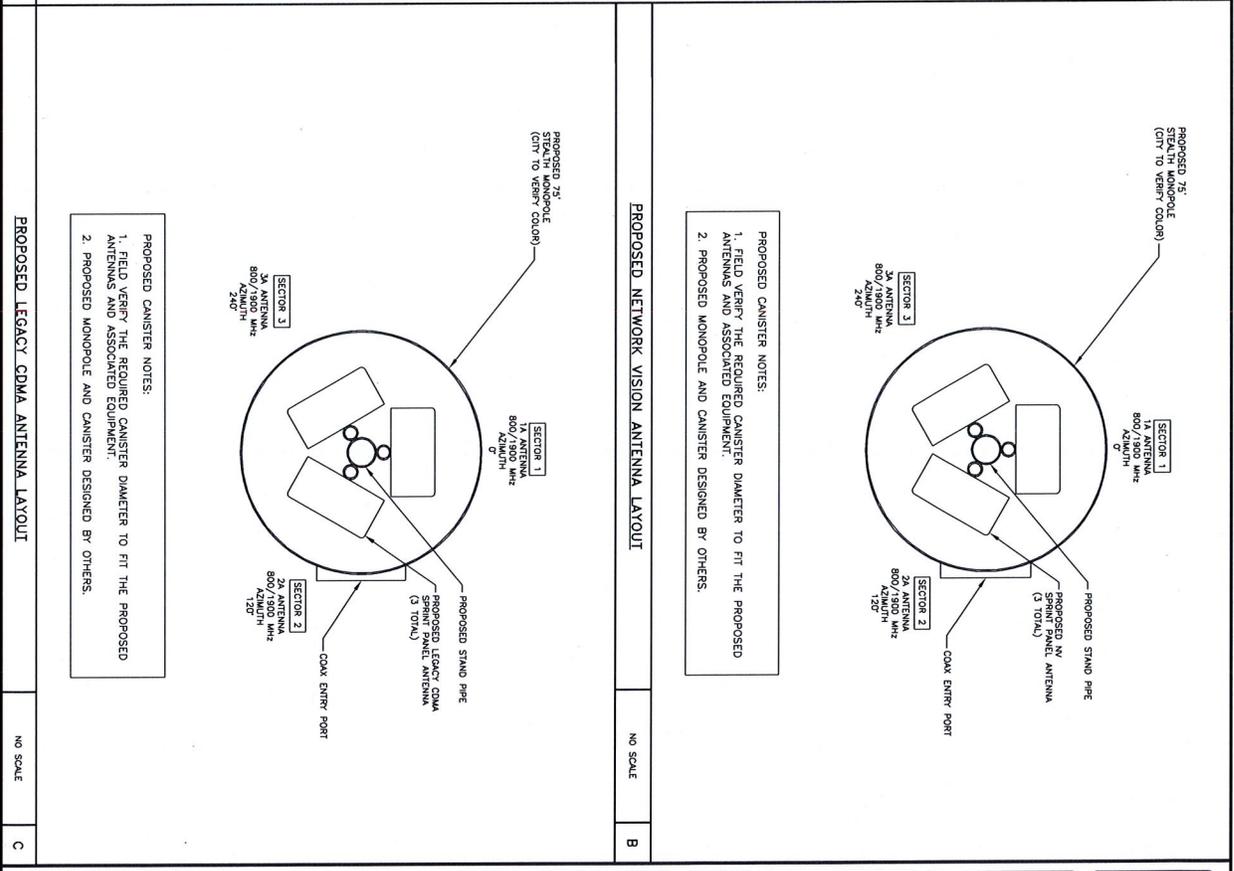
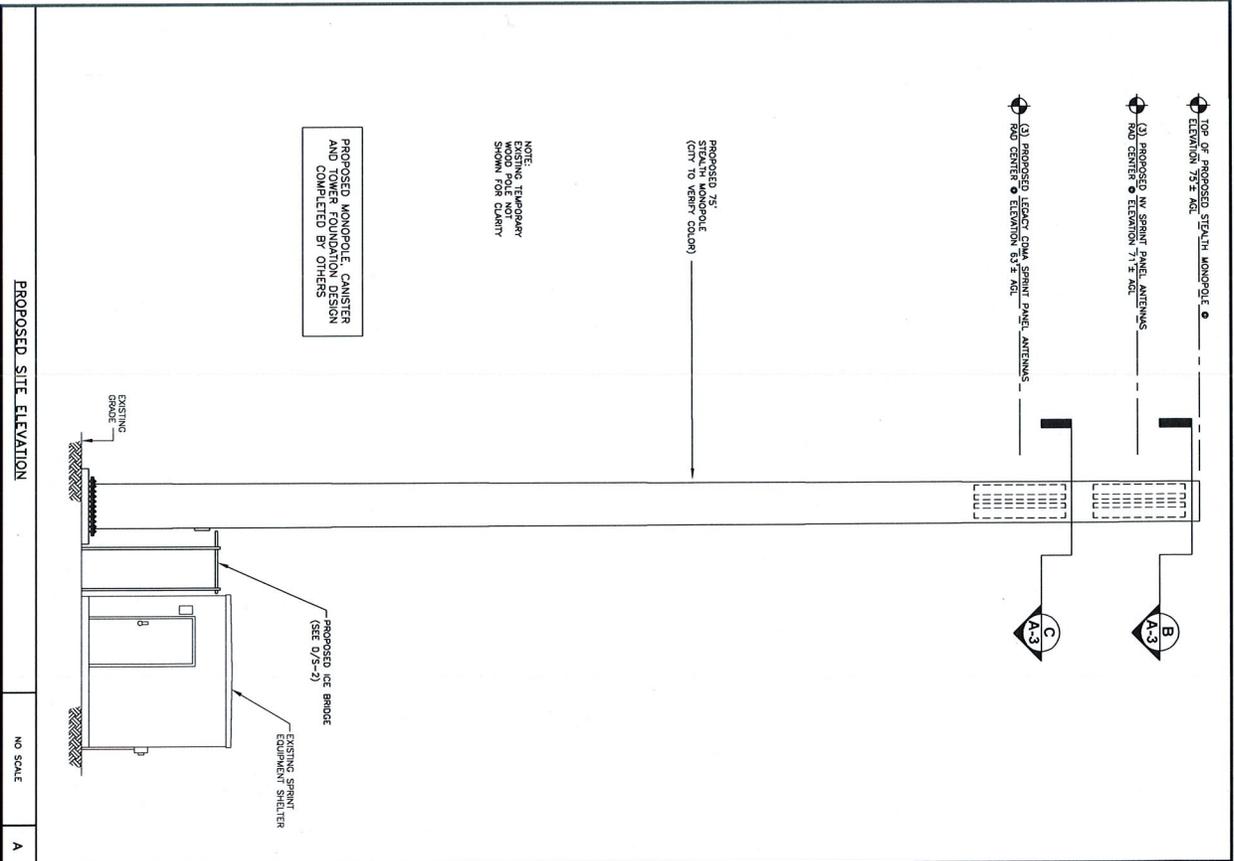
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DATE: 09-16-14 UIC No. 47985
ISAC: OJLUND

MSO3NP156
DULUTH CHESTER PARK
SKI JUMP RELO
1805 EAST SKYLINE PKWY
DULUTH, MN 55805

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
A-2



Sprint

6340 SPRINT PARKWAY
OFFICING PARK, CARLSBAD 92008

PROJECT NO: 13.01583

DRAWN BY: JMM

CHECKED BY: LJO

DATE: 09/16/14

DESCRIPTION: ISSUED FOR CITY

DATE: 07/29/14

DESCRIPTION: ISSUED FOR CONSTRUCTION

DATE: 07/29/14

DESCRIPTION: REVISION TOWER/COAX LOCATION

DATE: 07/29/14

DESCRIPTION: REVISION TOWER/COAX LOCATION

DATE: 07/29/14

DESCRIPTION: ISSUED FOR REVIEW

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DATE: 09-16-14 UC: W. 47985

ISAC ODLAND

MSO3NP156

DULUTH CHESTER PARK

SKI JUMP RELO

1805 EAST SWYLINE PARKWAY

DULUTH, MN 55805

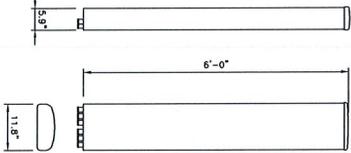
SHEET TITLE

PROPOSED TOWER ELEV. & ANTENNA LAYOUTS

SHEET NUMBER

A-3

KMW ANTENNA ET-X-TS-70-16-62-18-RR-RD
 DIMENSIONS: HxWxD: 1875x300x150mm (73.8"x11.8"x5.9")
 WEIGHT, W/O CLAMP: 41.9 lbs
 CONNECTOR: (6) 7/16 DIN FEMALE



SECTOR	ANTENNA NUMBER	ANTENNA MANUFACTURER	ANTENNA MODEL	NUMBER OF HYBRID CABLES	AZIMUTH	RAD CENTER	ANTENNA GAIN	ELECT D-TILT	MECH TILT	EFF D-TILT	RRU MODEL	RRU FILTER	HYBRID CABLE LENGTH	JUMPER SIZE	JUMPER LENGTH	RET LENGTH	RET MANUFACTURER	RET CABLE MODEL NUMBER
1A	800/1900 MHz	KMW	ET-X-TS-70-16-62-18-RR-RD	1 (PER SECTOR)	0°	71'	16/16	0/0	0/0	4/2	RRH-C2A & RRH-P4	(1) 800 MHz FILTER	-	1/2"	-	-	COMMSCOPE	ATCB-801-003
2A	800/1900 MHz	KMW	ET-X-TS-70-16-62-18-RR-RD	1 (PER SECTOR)	120°	71'	16/16	0/0	0/0	8/4	RRH-C2A & RRH-P4	(1) 800 MHz FILTER	-	1/2"	-	-	COMMSCOPE	ATCB-801-003
3A	800/1900 MHz	KMW	ET-X-TS-70-16-62-18-RR-RD	1 (PER SECTOR)	240°	71'	16/16	0/0	0/0	0/0	RRH-C2A & RRH-P4	(1) 800 MHz FILTER	-	1/2"	-	-	COMMSCOPE	ATCB-801-003
-	GPS	PCTEL	GPS-TMG-RR-28NCM	1	-	-	-	-	-	-	-	-	-	1/2" (PCTEL LMR-400)	10'	-	-	-

PROPOSED ANTENNA SCHEDULE (NETWORK VISION)

SECTOR	ANTENNA MANUFACTURER	ANTENNA MODEL	# OF ANTENNAS	MECHANICAL TILT (ELECTRICAL TILT)	AZIMUTH	RAD CENTER
1A	KMW	ET-X-TS-70-16-62-18-RR-RD	1	0/0	0°	63°
2A	KMW	ET-X-TS-70-16-62-18-RR-RD	1	0/0	120°	63°
3A	KMW	ET-X-TS-70-16-62-18-RR-RD	1	0/0	240°	63°

ANTENNA SCHEDULES



4800 Lexington Avenue N.
 Suite 100
 Minneapolis, MN 55412
 Phone: 612.415.8800 Fax: 612.415.8801
 Email: sales@ulteig.com Website: www.ulteig.com

Sprint
 6550 SPRINT PARKWAY
 OVERLAND PARK, KANSAS 66251

PROJECT NO: 13.01593
 DRAWN BY: JMM
 CHECKED BY: LJO

REV	DATE	DESCRIPTION
3	09/16/14	ISSUED FOR CITY
2	07/24/14	ISSUED FOR CONSTRUCTION
1	07/09/14	ISSUED TOWER/CLAMP LOCATION
0	07/02/14	ISSUED TOWER/CLAMP LOCATION
1	10/13/13	ISSUED FOR REVIEW

THE ABOVE DRAWING IS THE CORRECT RECORD DRAWING FOR THIS PROJECT. ANY CHANGES TO THIS DRAWING MUST BE MADE BY THE DESIGNER AND APPROVED BY THE ENGINEER. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE DESIGNER.

DATE: 09-16-14, LOC. NO. 47985
 ISAAC ODLAND

THIS IS A LOCATION OF THE ANTENNA FOR THE PROPOSED TOWER. THE EXACT LOCATION OF THE ANTENNA WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF THE TOWER CONSTRUCTION. THE LOCATION OF THE ANTENNA IS SUBJECT TO CHANGE WITHOUT NOTICE.

MCS03P156
 DULUTH CHESTER PARK
 SKI JUMP RELO
 1805 EAST SKYLINE PKWY
 DULUTH, MN 55805

SHEET TITLE
 ANTENNA DETAILS

SHEET NUMBER
 A-4

Sprint @ Chester Park – Existing temp location

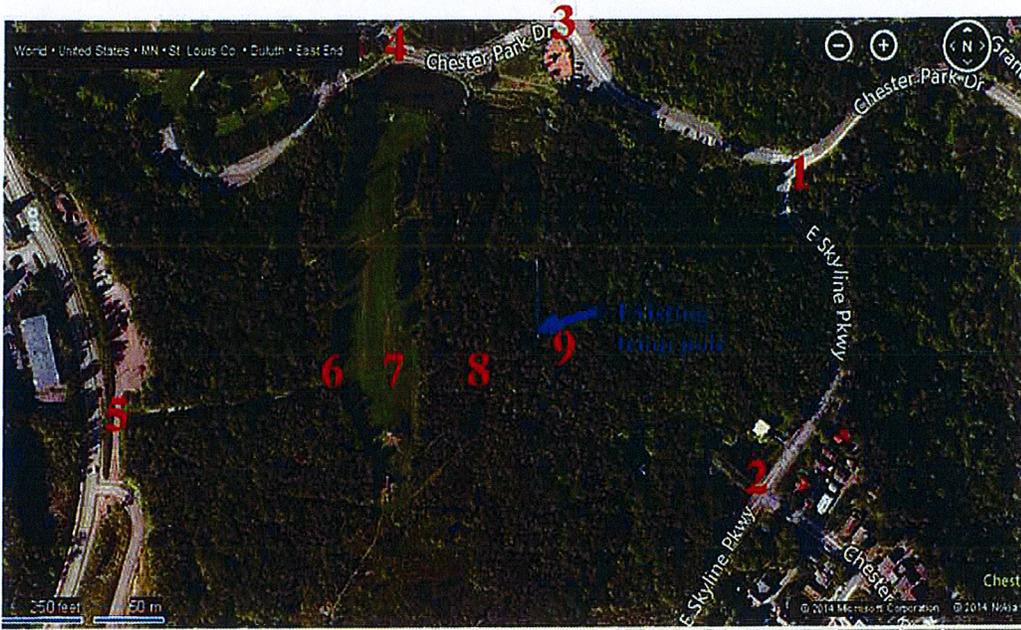


Photo 1 – Standing at Chester Park Dr/East Skyline Pkwy looking West (tower cannot be seen)

Photo 2 - Standing at East Skyline Pkwy/Chester Pkwy looking NW (tower cannot be seen)

Photo 3 – Standing at playground looking South (tower cannot be seen)

Photo 4 – Standing at main bldg at base of hill looking South (tower cannot be seen)

Photo 5 – Standing at Kenwood Ave, just North of Hovland Lane looking East (tower cannot be seen)

Photo 6 – Standing on West side of Park looking East (tower cannot be seen)

Photo 7 – Standing near East side of ski hill looking East (tower cannot be seen)

Photo 8 – Standing on trail heading East, looking East (tower can barely be seen thru trees, see arrow on photo)

Photo 9 – Standing approx 30ft from tower, showing existing shelter that has been there since 2000 and 70ft temp wood pole that was put up in August 2014



Photo 1 – Standing at Chester Park Dr/East Skyline Pkwy looking West (tower cannot be seen)



Photo 2 - Standing at East Skyline Pkwy/Chester Pkwy looking NW (tower cannot be seen)



Photo 3 – Standing at playground looking South (tower cannot be seen)



Photo 4 – Standing at main bldg at base of hill looking South (tower cannot be seen)



Photo 5 – Standing at Kenwood Ave, just North of Hovland Lane looking East (tower cannot be seen)



Photo 6 – Standing on West side of Park looking East (tower cannot be seen)



Photo 7 – Standing near East side of ski hill looking East (tower cannot be seen)



Photo 8 – Standing on trail heading East, looking East (tower can barely be seen thru trees, see arrow on photo)



Photo 9 – Standing approx 30ft from tower, showing existing shelter that has been there since 2000 and 70ft temp wood pole that was put up in August 2014

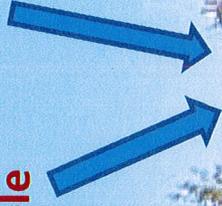
View straight out from tower



View straight out from tower – Zoomed in

**Top of
Temporary
Tower**

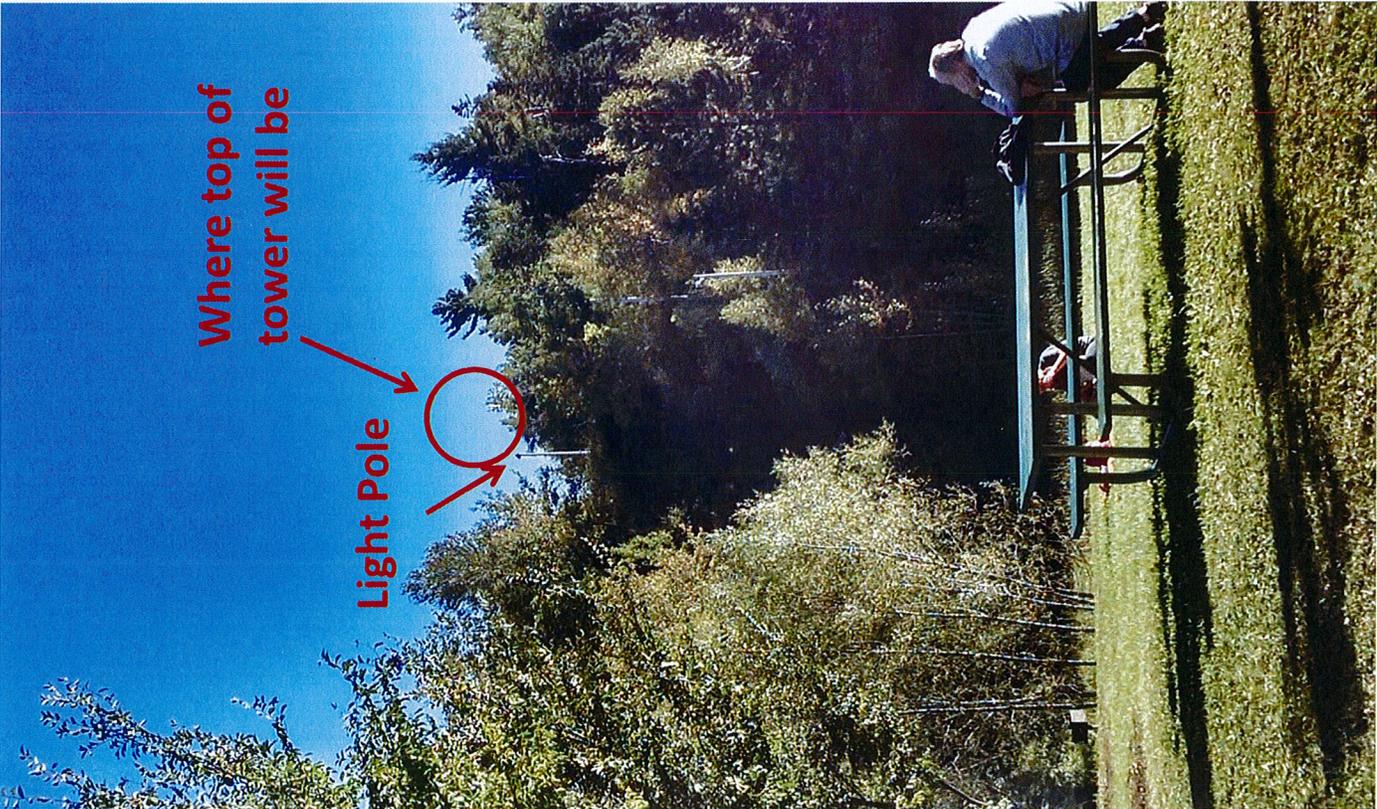
Light Pole





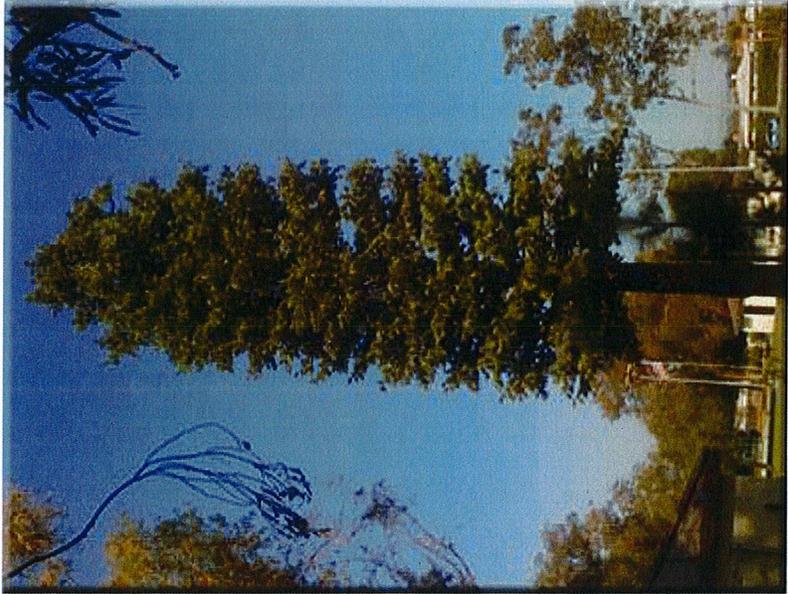
Where top of
tower will be

Light Pole

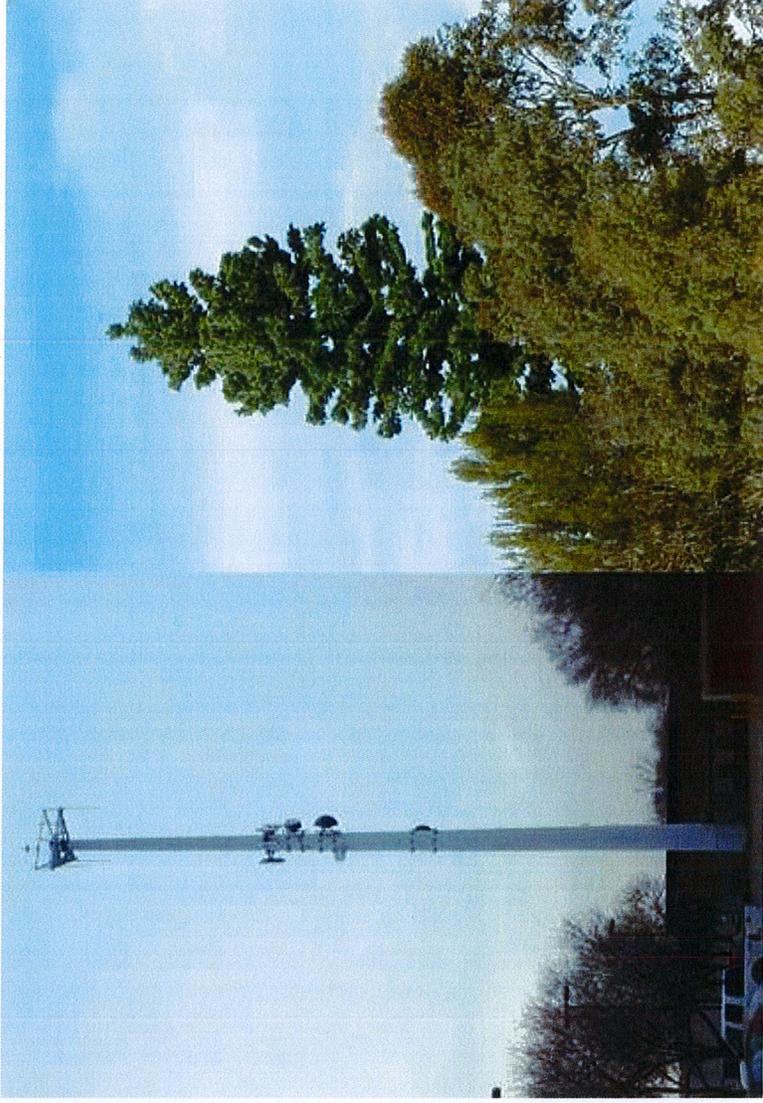


Where top of
tower will be

Light Pole



The design of monopines like this stealth tower from Larson Camouflage has improved quite a bit since the fake trees first began appearing in the 1990s.

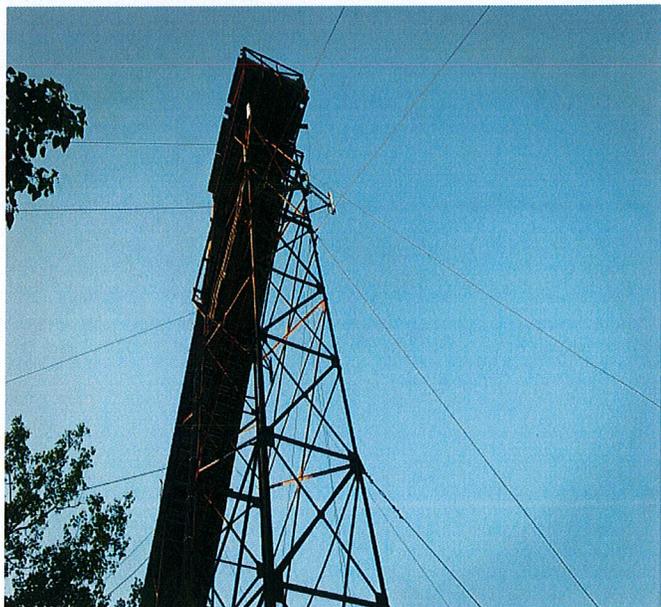
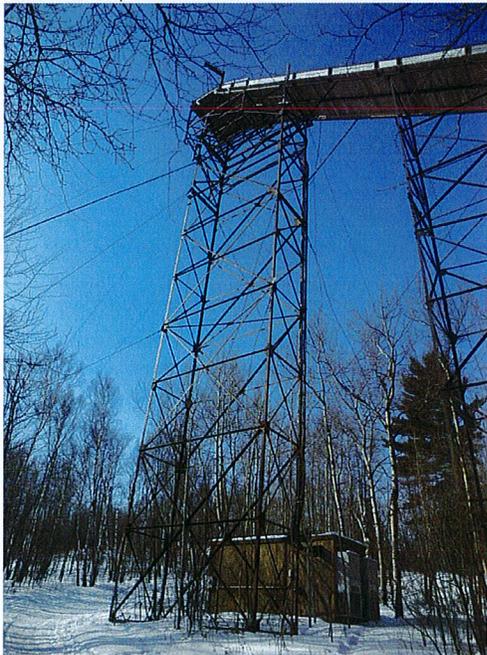


It is possible to camouflage the tower – even just the very top portion that will be visible at the top of the tree line. Some examples I found online.



It is possible to camouflage the tower – even just the very top portion that will be visible at the top of the tree line. Some examples I found online.

Pictures of Big Chester Showing Cell Antenna



Steven Robertson

From: Ann Holtz <amhduluth@gmail.com>
Sent: Wednesday, September 24, 2014 8:43 AM
To: Steven Robertson
Cc: Barb Russ; Emily Larson; Howie Hanson; Jay Fosle; Jennifer Julsrud; Joel Sipress; Linda Krug; Sharla Gardner; Zack Filipovich; Amanda Crosby; Andy Holak; Art Johnston; Edwin Hall; Eric Viken; Erik Torch; Frank Jewell; Joel Braun; John Schmidt; Jon Welles; Michael Schraepfer; Patrick Boyle; Tiersa Dodge; Tom Albright
Subject: Petition with 687 signatures and Presentation for Public Record

To: Steven Robertson

The following is the presentation to precede the Petition with 687 signatures asking for the Special Use Permit and the proposed Cell Mono Tower to be DENIED and the proposed cell mono tower to be placed outside the Chester Park boundary and presented at the Planning Commissioners meeting last night. Please forward with the Petition to the Commissioners and make part of the public record. Thank-you.

Sincerely,

Ann Holtz

September 23, 2014

To: The Duluth Planning Commission

Subject: Special Use Permit for New 75 Foot Tall Monopole Cell Tower at 1805 East Skyline Parkway (Chester Park) (PL 14-121)

My name is Ann Holtz and I have been a resident of Chester Park for more than ten years.

In my hands I hold a Petition I would like to present to the Planning Commissioners, with 676 signatures asking for the special use

permit for proposed cell mono tower in Chester Park to be DENIED and for the proposed cell tower to be placed outside the Chester Public Park boundary.

The way City law is written, if the proposed Special Use Permit for the proposed Cell Mono Tower for Chester Public Park is allowed then Chester Public Park will become a designated site for future towers and technology.

There is no way for City Officials or the Industry to know or predict the future impact of today's decision if the Commercial trespass on our Public Park Land and the Users of Chester Public Park were allowed.

The parks receive no revenue from the phone company.

The phone company has an established history of irresponsibility, damaging Park trails, and park land and the City has established a long history of neglecting such abuse which keeps Park Users from being able to safely use their Public Park.

With this single decision for a Special Use Permit for the proposed Cell Mono Tower for Chester Public Park, Planning Commissioners hold the unknown future of Chester Public Park in their hands.

In addition to the 676 adult signatures asking for the proposed cell tower to be placed outside the Chester Park Boundary, I hold in my hands many children's signatures asking for Big People to Keep Little People safe in Public Parks and not create an unsafe area where "Radio frequency fields...may exceed FCC rules for human exposure" in the Park where they play.

Workers time working on Cell Mono Towers is strictly limited because of RF Radiation. We have been stuck on chairlifts for longer periods of time than workers are allowed to work on cell towers. The children riding the Chester Park chair lift will pass close to the proposed tower and the RF Radiation it generates.

When anything gets in the way of the antenna, computers will monitor and automatically increase the power output from the proposed Cell Mono Tower site when reception is potentially reduced by say tree branches, fog, heavy snow, maybe even the chair lift running, thus increasing human levels of exposure to RF Radiation. The industry self policies levels of RF Radiation. <http://microwavenews.com/>

We strongly urge the Planning Commissioners to Deny the Special Use Permit for the proposed Cell Mono Tower site within the boundaries of Chester Public Park.

Respectfully,

Ann Holtz

1511 Belmont Rd.

Chester Park

Duluth MN 55805

STOP Commercial Assault! PROTECT Chester Park!

We, the undersigned, strongly object to a Special Use Permit being granted for the proposed Sprint Monopole (cell tower) being erected within the boundaries of Chester Park. If a Special Use Permit is granted and the tower is built, the site would then be subjected to unlimited antennae being added in the future.

In addition to the visual and aesthetic intrusion of commercial usage within the park, there is eminent danger from the emission of excessive radio waves, thus necessitating fencing and signage, warning of DANGER to those who venture near. This is totally unacceptable in a city park, especially where youth participation is so prevalent.

We further object to any and all commercial structures being located within the boundaries of any/all city parks in Duluth. Parks are set aside and designated as recreational areas for citizens to use and enjoy in a 'natural' setting without obtrusive commercial structures. Only structures used for the enhancement of recreational activities, such as ski lifts and/or buildings for community gatherings and activities should be permitted.

No.	Print Name	Address	Sign Name	e-mail
1.	Tony Mihre	1721 E. 3 RD Street Apt 210 55812	Tony M. Mihre	mihre179@d.umn
2.	Rebecca Siffring	535 Boulder Dr #401 55811	Rebecca Siffring	tals0008@d.w
3.	Ginelle Zimmerman	1917 Wilent Rd. Duluth MN 55812	Ginelle Zimmerman	zimme540@d.w
4.	Cornie Bergstrom	1401 Woodland Ave. Duluth, MN 55803	Cornie Bergstrom	berg541@d.w
5.	Zach Lundstrom	8 W Palm St Duluth, MN 55811	Zach Lundstrom	lundz56
6.	Josh Pritchett	105 W. Anoka St. 55803	Josh Pritchett	prite034
7.	MINDI KUMAL ANDERSON	601 W SKYLINE ANDERSON	Mindi Kumal Anderson	mkvank@hotmail
8.	Bonnie Hanson	1340 Highland Village Dr. #5 55811	Bonnie Hanson	nan5489@d.w
9.	Hayden Kelly	510 Boulder Dr #305 Duluth, MN 55811	Hayden Kelly	Kelly607@d.w
10.	Kellen Albrecht	#202 2125 E 1st St Duluth MN 55812	Kellen Albrecht	albre147@d.umn.e
11.	Kent Nichols	1701 E 1 st St Duluth, MN 55801	Kent Nichols	Koich13@yahoo
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24.				

October 3, 2014

TO: Planning Commission Director, Keith Hamre
Planning Commissioners: Patricia Mullins, David Sarvela, Luke Sydow, Drew Digby, Marc Beeman, Timothy Meyer, Garner Moffat, Terry Guggenbuehl, Zandra Zwiebel

Honorable Commissioners:

I attended the Planning Commission's meeting on Tuesday evening, September 23, along with several other concerned citizens who came prepared to speak in opposition to the proposed Sprint monopole being erected in Chester Park. We were surprised and disappointed that we were not allowed to voice our concerns to you, the city officials who are poised to determine the fate of our park, especially after 'further community input' was requested.

We were encouraged to hear comments from Mr. Digby, Mr. Guggenbuehl and Mr. Meyer, questioning the wisdom of continuing a bad decision which illegally placed the temporary antenna atop the Big Chester Ski Jump 14 years ago, rather than seize this as an opportunity to **right that wrong**. I couldn't agree more and commend them for speaking out in support of protecting our parks as opposed to the comments by Mr. Hall, from the Parks Commission, who showed no regard for protecting them.

The original antenna on Big Chester was placed there illegally, without a permit and without the necessary input from the community. I wrote to our City Council members questioning how the antenna was allowed and why they voted on May 27, to allow cell towers in parks (with a Special Use Permit), when prior to that time, such towers had never been permitted. I questioned the *irony of the timing* as it related to the ruthless demolition of our historic ski jump, which we fought desperately to preserve as a historic landmark but were blatantly ignored. I received this response from one councilor:

[Quote]

"The Council was misled . . . Planning staff informed us that Sprint wanted to improve the existing cell tower and 'update their technology'. At no time was it mentioned that Big Chester was slated for demolition. As you know, the old tower was on Big Chester for years, so nobody questioned the information.

Staff presented this to us as 'a Minor Tweak to the special use permit table to allow cell towers on park-lands and open spaces'. It was characterized as a possible future use, possibly at Wheeler Field. Again, no mention was made of the demolition of Big Chester or the past and current tower at Big Chester. This is a horrible mess!! I will find out how and why the tower was placed on Big Chester." [End quote]

Two days later, that councilor informed us that "*Chester Park is zoned R-1 so the tower was legal*". Please clarify 1) how a park can be zoned R-1 and exempt from commercial restrictions and 2) why the City Council was misled and misinformed.

Other city officials agreed that this is a 'horrible mess' but stated that if Sprint is denied the Chester Park site, they may sue the City; therefore, rather than commit to correcting the mistake and risk being sued, they vowed to "try to make sure that it never happens again." This is not acceptable. Once done, it's DONE! If a governing body is **intentionally misled** and misinformed, they have an obligation to void their former decision, and after full disclosure, call for a new vote.

Numerous attempts have been made by city officials to justify the new tower, citing the example of existing power lines in other parks, specifically golf courses. Those are completely different in nature and are not appropriate comparisons to cell towers in city parks. Others have attempted to justify it as a 'replacement' of the original antenna on Big Chester. That has no validity since that was an **antenna** which is NOT the same as the proposed **monopole cell tower**. In essence, there is no justification for perpetuating this 'error in judgment' made by a former administration 14 years ago.

Erecting a stealth mono-pole within a city park conflicts with the intent, purpose and goals of the city's Comprehensive Land Use Plan. The UDC plainly states, "Wireless telecommunications facilities may pose significant concerns to the health, safety, public welfare, character and environment of the city and its inhabitants." It adds that ". . . intentions are to minimize impacts of wireless telecommunication facilities and to assure an integrated comprehensive review of environmental impacts of such facilities and protect the health, safety and welfare of the city."

Once you allow corporate interests to dictate city policy, you set a dangerous precedent for future infringement on policy standards which have been thoughtfully planned and developed over decades. Our parks are intended for the enhancement of nature's beauty and the enjoyment of recreation by our citizens and visitors. Any attempt to diminish that purpose must be thwarted. Any governing body that fails to uphold these principles must be challenged and required to place the health and welfare of our citizens and our parks above all other forces.

We respectfully ask that you acknowledge the seriousness of this situation. **You have the authority to reverse the momentum** of continuing a '*past wrongful decision*' by **denying Sprint a Special Use Permit** and designating an alternative site **outside of park boundaries**. This will be a monumental step forward in restoring the good faith and credibility of our city government.

Thank you.

Sincerely,
Betty Christensen

Steven Robertson

From: Ann Holtz <amhduluth@gmail.com>
Sent: Tuesday, October 07, 2014 2:49 AM
To: Steven Robertson; Barb Russ; Emily Larson; Howie Hanson; Jay Fosle; Jennifer Julsrud; Joel Sipress; Linda Krug; Sharla Gardner; Zack Filipovich; Amanda Crosby; Andy Holak; Art Johnston; Edwin Hall; Eric Viken; Erik Torch; Frank Jewell; Joel Braun; John Schmidt; Jon Welles; Michael Schraepfer; Patrick Boyle; Tiersa Dodge; Tom Albright; David Montgomery
Subject: WSJ & NEW INFORMATION -- Special Use Permit for proposed CP Cell Tower

To: The Honorable Duluth Planning Commissioners

The Honorable Duluth City Council

The Honorable Duluth Parks and Recreation Commissioners

Subject: Special Use Permit for Proposed Stealth Cell Mono Tower in Chester Public Park

The information I am presenting is from a recent Wall Street Journal article:

Cellphone Boom Spurs Antenna-Safety Worries

https://www.google.com/search?hl=en&as_q=%22wall+street+journal%22+%22Cellphone+Boom+Spurs+Antenna-Safety+Worries%22&as_epq=&as_oq=&as_eq=&as_nlo=&as_nhi=&lr=&cr=&as_qdr=all&as_sitesearch=&as_occt=any&safe=images&tbs=&as_filetype=&as_rights=&gws_rd=ssl#q=%22wall+street+journal%22+%22Cell+Phone+Boom+Spurs+Antenna-Safety+Worries%22&hl=en&as_qdr=all&tbm=nws

When there is uncertainty the cautionary principle utilized by scientists calls for responsible caution. A recent Wall Street Journal article claims engineers have found as many as one in 10 cell phone tower sites violates FCC rules underscoring safety lapses and health effects concerns for local municipalities. The FCC claims it does not have the resources to monitor individual antennas. Since 1996 the FCC has issued only two citations to cell carriers yet the violations are a daily presence.

The temporary illegal cell tower in Chester Park is not the antenna that was on Big Chester. An antenna is not a tower. The current installation has been greatly altered from that which existed on Big Chester. There is no signage or barriers to protect park workers or the general public in Chester Public Park. The Parks Department is not trained or equipped to deal with complexities of issues presented by a cell tower site in relation to staff, park operations, and dangers to the daily presence of the general public.

The general public has NOT historically been given a chance to stop the phone company installation in Chester Park which repeatedly damages Chester Park land. There was no Public process to address the phone company installation from the beginning when the phone company brought a commercial building into our Public Park.

Cell Tower emissions have been shown to exceed guidelines for safety limits. "Workers and others who venture into hot zones—generally up to 20 feet in front of an antenna—must be trained and have RF monitors." In essence park staff and park trail users are within this 20 foot radius in Chester Park when doing park maintenance and the general public using park trails that converge in a five point intersection at the current phone company site in Chester Park. The children on the chair lift are up in the air, repeatedly traveling by the antenna every few minutes. A cell tower is a violent trespass on public park land and public park users. We citizens and local governing bodies have a responsibility to protect Public Parks and Public Park users.

Tomas Bower, number 89 in an online petition to stop the Chester Park Cell Tower states: I am fortunate to have competed in not only State High School Championships at Chester Park, but also competed in the 1967 JR. National Championships on the Big Hill. These are the things that change peoples lives—for the good! Keep taking the good things in kids lives away and step back and watch the trouble begin. Please take a good look at what you are doing, money over people is not the answer. Keep our parks open or we will pay in other ways. My ski jumps are gone in Minneapolis, once they tear them down they never come back—HOW SAD . We all will pay for this mistake!!!!!!!!!!!!

http://petitions.moveon.org/sign/stop-stealth-cell-tower?source=c.em.mt&r_by=2182779

"The National Institute for Occupational Safety and Health began studying that question after the World Health Organization in 2011 categorized RF radiation as a possible carcinogen, based on research by over 30 scientists, said Gregory Lotz, the top RF expert for Niosh. And the National Toxicology Program at the National Institutes of Health is exploring lower-level RF exposure."

"An FCC guideline written after the rules were adopted notes studies showing "relatively low levels" of RF radiation can cause "certain changes in the immune system, neurological effects, behavioral effects," and other health issues, including cancer. "Results to date have been inconclusive," however, the agency said in a guide to radio-frequency radiation, and need to be studied further."

Even the Insurance industry is raising alarms. "The risk is often transferred to 'unsuspecting' property owners," Roger Egan, executive chairman of Risk Strategies Co., told the FCC.

Nearly seven hundred strong voices have raised their hand to stop the proposed Cell Tower for Chester Park.

<http://www.duluthmn.gov/media/245282/Sep-23-2014-Citizen-Petition.pdf>

We strongly urge the Duluth Planning Commissioners to reject the Special Use Permit for the proposed Cell Mono Tower in Chester Park.

Please make part of the Public Record. Thank-you.

Respectfully,

Steve & Ann Holtz

1511 Belmont Rd.

Duluth MN 55805

<http://petitions.moveon.org/sign/stop-stealth-cell-tower>

STOP Stealth Cell Tower Installation in Duluth's Chester Park!

Petition by [Betty D Christensen](#)

To be delivered to Don Ness, Mayor, David Montgomery, Chief Administrative Officer, Keith Hamre, Chief City Planning Commissioner, and Linda Krug, City Council President

Duluth City Officials MUST DENY 'Special Use Permit' allowing Sprint to erect a 75' high-frequency radio magnetic Stealth Mono-pole (cell tower) atop ski hill in historic Chester Bowl Park!

PETITION BACKGROUND

Duluth's unique Chester Bowl Park is under attack by corporate interests. In spite of public outcry, Duluth City Officials recently ordered the demolition of the historic Big Chester Ski Jump to make way for Sprint to erect a 75' stealth Mono-pole (cell tower). A 'Special Use Permit' is required since structures with high frequency radio magnetic emissions are forbidden in city parks! We strongly object to the city further desecrating our treasured Chester Bowl Park by issuing Sprint or any commercial entity permission to infringe on the health, safety and beauty of our public parks!

CURRENT PETITION SIGNERS

- 92. **Brad Larsen** from Glen Ellyn, IL signed this petition on Oct 6, 2014.
- 91. **George Hovland III** from Saint Cloud, MN signed this petition on Oct 6, 2014.

Placing a dangerous and unsightly cellular tower in the middle of this wonderful park so the City can make a few dollars is wrong and needs to be stopped!! Do we really want an ugly and dangerous cellular

tower to dominate our wonderful Park and City Skyline for decades to come?? Duluth's Parks are what make our fine City such a wonderful place to live, raise our children and visit. This is a PARK not an industrial zone, let's keep it that way!!

- 90. **blanche wilcox** from duluth, MN signed this petition on Oct 6, 2014.
- 89. **Thomas Bower** from Minneapolis, MN signed this petition on Oct 6, 2014.

I am fortunate to have competed in not only State High School Championships at Chester Park, but also competed in the 1967 JR. National Championships on the Big Hill. These are the things that change peoples lives-for the good! Keep taking the good things in kids lives away and step back and watch the trouble begin. Please take a good look at what you are doing, money over people is not the answer. Keep our parks open or we will pay in other ways. My ski jumps are gone in Minneapolis, once they tear them down they never come back-HOW SAD . We all will pay for this mistake!!!!!!!!!!!!

- 88. **Margaret Fawcett** from Duluth, MN signed this petition on Oct 6, 2014.

The atmosphere will be healthier if left alone.

- 87. **Tyler Kaiser** from Duluth, MN signed this petition on Oct 5, 2014.

After removing such an historic landmark... it is just evil to do this.

- 86. **Sarah Phoenix** from Duluth, MN signed this petition on Oct 5, 2014.
- 85. **Maggie Kazel** from Superior, WI signed this petition on Oct 5, 2014.
- 84. **Richard Scott** from Superior, WI signed this petition on Oct 5, 2014.

Plenty of other places for a cell tower within the city of Duluth. Must we need to have it crowning a lovely park?

- 83. **Robyn Roslak** from Duluth, MN signed this petition on Oct 5, 2014.

CURRENT PETITION SIGNERS

- 82. **Cindy Scott McDonnell** from Wayzata, MN signed this petition on Oct 5, 2014.

Why not put the towers up where the other tower farm is in Duluth - not in Chester Park -- it's not called a "park" for nothing!

- 81. **Jennifer Harriss** from Minneapolis, MN signed this petition on Oct 5, 2014.
- 80. **Victoria Main** from Superior, WI signed this petition on Oct 5, 2014.

Are you kidding me??

- 79. **Alyssa Woods** from Saint Paul, MN signed this petition on Oct 4, 2014.
- 78. **Maren Christensen** from Minneapolis, MN signed this petition on Oct 4, 2014.
- 77. **Barbara Possin** from Duluth, MN signed this petition on Oct 4, 2014.
- 76. **Nikki Crowe** from Duluth, MN signed this petition on Oct 4, 2014.
- 75. **kris simonson** from duluth, MN signed this petition on Oct 4, 2014.
- 74. **Lori Hilton** from Duluth, MN signed this petition on Oct 4, 2014.
- 73. **Margaret Hunter** from Manteca, CA signed this petition on Oct 3, 2014.
- 72. **Tineke Ritmeester** from Duluth, MN signed this petition on Oct 3, 2014.

There's got to be a better place than a popular public park with so many vulnerable children in it. This plan doesn't seem thought through at all, Like most things that are corporate driven.

- 71. **Scott Murphy** from Proctor, MN signed this petition on Oct 3, 2014.

EMF radiation has been linked to brain cancer spikes in residents living within a quarter mile of a cell tower.

- 70. **Patricia Daugherty** from Duluth, MN signed this petition on Oct 3, 2014.
- 69. **Binner Rahn** from Duluth, MN signed this petition on Oct 3, 2014.
- 68. **Linda Estel** from Duluth, MN signed this petition on Oct 3, 2014.

Please don't sell the parks.

- 67. **Claudia Schinn** from Phoenix, AZ signed this petition on Oct 3, 2014.

Our family has three generations (going back to the 1930's) with Chester Park history -- don't desecrate this park!

- 66. **Elizabeth Snow** from Duluth, MN signed this petition on Oct 3, 2014.
- 65. **Patricia McNulty** from Duluth, MN signed this petition on Oct 3, 2014.
- 64. **Julie Ahasay** from Duluth, MN signed this petition on Oct 3, 2014.

Please preserve our park.

- 63. **Candace Keane** from Duluth, MN signed this petition on Oct 3, 2014.
- 62. **Karl Hodil** from Duluth, MN signed this petition on Oct 3, 2014.
- 61. **Peggy Rae Hodil** from duluth, MN signed this petition on Oct 3, 2014.
- 60. **Liz Vandersteen** from DULUTH, MN signed this petition on Oct 3, 2014.

- 59. **Christine day** from Duluth, MN signed this petition on Oct 2, 2014.
- 58. **Susan Lynn** from Minneapolis, MN signed this petition on Oct 2, 2014.
- 57. **Mark Good** from Maple Hill, MN signed this petition on Oct 2, 2014.

Even the historic parks are not safe? I like Sprint/Credo, but can't they share a tower with someone else?

- 56. **Jan Olson** from Duluth, MN signed this petition on Oct 2, 2014.

This is a terrible precedent that the city of Duluth is thinking of setting. At no time should corporate entities be allowed a permanent place in any of our city parks.

- 55. **suzanne chesney** from duluth, MN signed this petition on Oct 2, 2014.

This is crazy. Why would this ever be allowed. Chester park is beautiful. Dont spoil it!

- 54. **Carol and Jerrold Peterson** from Duluth, MN signed this petition on Oct 2, 2014.

Let's protect the natural beauty of this park in the midst of our city...tell Sprint to find an alternative location!!!

- 53. **June Kimball** from Duluth, MN signed this petition on Oct 2, 2014.

Don't destroy the beauty of this city park with a commercial enterprise.

- 52. **Kelly Boedigheimer** from duluth, MN signed this petition on Oct 2, 2014.

as someone with personal experience trying to stop a cell tower on the near north shore, I can attest to the extremes these companies will go to to get their way. I do not support moving this tower closer to the skiers!

- 51. **Ann Galbraith Miller** from Duluth, MN signed this petition on Oct 2, 2014.
- 50. **Doug Ellingson** from Richfield, MN signed this petition on Oct 2, 2014.
- 49. **Virgil Boehland** from Duluth, MN signed this petition on Oct 2, 2014.

Is this location actually that important to Sprint? Can they find no other place within the City of Duluth that would accomplish much the same thing? Have Duluth city officials checked out the night sky from this location?

- 48. **C Goustin** from Minneapolis, MN signed this petition on Oct 2, 2014.

No! Protect this unique place. Sprint does not need this cell tower in Chester Park!

- 47. **Lisa Hendrickson** from Duluth, MN signed this petition on Oct 1, 2014.
- 46. **kristine Osbakken** from duluth, MN signed this petition on Oct 1, 2014.

Whose long arm?5

- 45. **Claire Middlemist** from Duluth, MN signed this petition on Oct 1, 2014.
- 44. **Courtney Josefson** from Hermantown, MN signed this petition on Oct 1, 2014.
- 43. **Debra Hennessy** from Duluth, MN signed this petition on Oct 1, 2014.

A cell tower is 100% inconsistent with the adopted Code for parkland recreational use within the City of Duluth. Thousands of Chester Bowl users entrusted the City to protect and honor its social license to Mother Nature. Please halt this process now and continue with Chester Bowl's park restoration/preservation.

- 42. **Kay Bakke** from Duluth, MN signed this petition on Oct 1, 2014.

Cell towers should NOT be a part of any of our beautiful city park lands; it is my expectation that you will deny this "special use permit."

- 41. **Roberta Vose** from Duluth, MN signed this petition on Oct 1, 2014.
- 40. **Alison Clarke** from Duluth, MN signed this petition on Oct 1, 2014.

Deny the "special use permit" allowing the cell tower to be constructed atop the ski hill in historic Chester Bowl.

- 39. **Mary Olson** from Duluth, MN signed this petition on Oct 1, 2014.
- 38. **Stephen Braun** from Duluth, MN signed this petition on Oct 1, 2014.
- 37. **Sarah maxim** from Duluth mn, MN signed this petition on Oct 1, 2014.
- 36. **Michelle Walker** from Duluth, MN signed this petition on Oct 1, 2014.
- 35. **Martha** from DULUTH, MN signed this petition on Oct 1, 2014.

A cell phone tower does not belong in any of our precious Duluth parks or reserves.

- 34. **Ron Johnson** from duluth, MN signed this petition on Oct 1, 2014.
- 33. **S Harney** from Duluth, MN signed this petition on Oct 1, 2014.

Chester is a small, heavily used, historic park. The idea of placing a cell tower there boggles the mind!

- 32. **Clint H Austin** from Duluth, MN signed this petition on Sep 30, 2014.
- 31. **Steve Holtz** from Duluth, MN signed this petition on Sep 30, 2014.

Protect Chester Park. We do not want a treeless antennae farm or a technological unamusement park.

- 30. **Ann Holtz** from Duluth, MN signed this petition on Sep 30, 2014.

Chester Public Park is the single reason we chose to live in the City of Duluth.

- 29. **Jane Josefson** from Bemidji, MN signed this petition on Sep 30, 2014.
- 28. **Katherine Sneve** from Maple Grove, MN signed this petition on Sep 30, 2014.
- 27. **Ken McMillan** from Duluth, MN signed this petition on Sep 30, 2014.

What next, cell antennas on Enger Tower?

- 26. **Benjamin Streit** from Glen Ellyn, MN signed this petition on Sep 30, 2014.

No thank you!

- 25. **Marian Puglisi** from Duluth, MN signed this petition on Sep 30, 2014.

This beautiful park is not the place for a cell tower....find somewhere else Sprint....your money shouldn't be able to buy the beauty of our beloved Chester Bowl Park....

- 24. **Peter and Sally Sneve** from Duluth, MN signed this petition on Sep 30, 2014.
- 23. **Molly Josefson** from Duluth, MN signed this petition on Sep 30, 2014.
- 22. **Rachael Kresha** from Duluth, MN signed this petition on Sep 30, 2014.

Please consider an alternative location.

- 21. **Kourtney** from Duluth, MN signed this petition on Sep 29, 2014.
- 20. **Dawn Hiller** from Duluth, MN signed this petition on Sep 29, 2014.
- 19. **Pam Roth** from Duluth, MN signed this petition on Sep 29, 2014.
- 18. **Kristin Montgomery** from Duluth, MN signed this petition on Sep 29, 2014.
- 17. **Heidi Labyad** from Duluth, MN signed this petition on Sep 29, 2014.

I thought Big Chester came down because it was a safety hazard, not to make way for a cell phone tower. This does not belong in our parks.

- 16. **Cornelia Peterson** from Duluth, MN signed this petition on Sep 29, 2014.

- 15. **Paula Aschim** from Bloomington, IL signed this petition on Sep 29, 2014.

As a former Duluth, MN resident, frequent visitor to Duluth, and someone who is currently considering retiring to Duluth I ask you to be a transparent and also protect the interests of Duluth citizens.

- 14. **Karen Sande** from Duluth, MN signed this petition on Sep 29, 2014.

I also object to how this has been so quietly moved forward, without wide notification to city residents, without information as to the need for this tower, and whether alternative locations have been sought.

- 13. **Susan Feathers** from Pensacola, FL signed this petition on Sep 29, 2014.
- 12. **Brent Murphy** from Yacolt, WA signed this petition on Sep 29, 2014.
- 11. **Joan Murphy** from Yacolt, WA signed this petition on Sep 29, 2014.
- 10. **jane hovland** from Duluth, MN signed this petition on Sep 29, 2014.
- 9. **Earl Rogers** from Duluth, MN signed this petition on Sep 29, 2014.
- 8. **Tina Christensen** from Highlands Ranch, CO signed this petition on Sep 29, 2014.
- 7. **kay jankofsky** from duluth, MN signed this petition on Sep 29, 2014.

please no commercial structures in ANY of our Duluth parks

- 6. **Sara DeHart** from Lynnwood, WA signed this petition on Sep 29, 2014.

As a former MN resident and frequent visitor to Duluth, I ask you to protect Duluth citizens.

- 5. **James Starr** from Duluth, MN signed this petition on Sep 29, 2014.
- 4. **Steve Christensen** from Highlands Ranch, CO signed this petition on Sep 29, 2014.
- 3. **George Hovland 2** from Duluth, MN signed this petition on Sep 29, 2014.
- 2. **H Boyd Christensen** from Duluth, MN signed this petition on Sep 29, 2014.

It would be a disgrace to allow a cell tower in Chester Park or any city park.

- 1. **Betty D Christensen** from Duluth, MN signed this petition on Sep 29, 2014.