

**PROJECT JUSTIFICATION**  
for  
**CRICKET COMMUNICATIONS**  
**Collocation on Existing Crown Castle Monopole**  
**"Stratosphere"**  
**2120 Paradise Road**  
**LAS VEGAS, NV 89117**

To: Evan DuVall  
City of Las Vegas  
Community Development Department

From: Marck Sawyer  
Marken Telecommunications

Date: 11/04/08

Re: Crown "Stratosphere"  
CRICKET COMMUNICATIONS Collocation  
Special Use Permit  
2120 Paradise Road

Crown Castle is the nation's largest tower infrastructure provider. They own and manage tower sites in all fifty states and internationally. They have recently acquired numerous towers in Las Vegas and work closely with their wireless communication provider tenants and local jurisdictions to ensure the long-term viability of their facilities. Crown is committed to providing reliable multi-user facilities that meet the changing needs of the communities they serve while ensuring excellent siting locations for their wireless customers.

Crown currently owns and operates a 45' wireless communications monopole at in the C-1 zoning district at 2120 Paradise Road. In accordance with the City of Las Vegas' wireless code, Crown would like to provide opportunities for collocation on this facility to limit the need for additional wireless communication poles in the area.

Crown proposes to add a 13' extension to the existing 45' monopole to accommodate the Cricket and Clearwire antennas. These new antennas will be mounted at the 55' and 50' height on the pole. Cricket and Clearwire's radio equipment will be located inside the existing walled Crown compound. The details of the project are as follows:

**The Project:**

- Installation of a 13' pole extension onto the existing 45' monopole;

**RECEIVED**  
NOV - 4 2008

**SUP-31739**  
**12/18/08 PC**

- Attachment of three, 6' Cricket antennas at the 55' centerline. The existing antenna array on the monopole is at the 43' rad center and will remain at that height. Attachment of three, 6' Clearwire antennas at 50' centerline.
- Installation of 4 telecommunications cabinets mounted on a new concrete pad inside an existing 35' x 20' walled compound. The cabinets will not exceed the height of the existing compound wall.
- The facility is surrounded by a 7' cmu block wall, and two 6' chain link gates.
- The associated coaxial cables would be inside the monopole from the antennas then across a cable bridge to the newly placed Cricket and Clearwire equipment cabinets.
- Installation of a new 200 amp service board inside the fenced compound from an existing electrical transformer.
- A photosim, attached hereto, shows an approximation of the proposed Cricket and Clearwire antenna arrays mounted at the 55' and 50' rad centers.

**The Parcel**

The parcel is approximately 0.27 acres, APN# 162-03-411-006, and is zoned "C-1". The parcel is developed as a massage parlor and is surrounded by developed commercial and multi-family housing.

**Access**

Access to the site will be from Paradise Road across the subject parcel driveway to the site.

**Setbacks**

The 55' is setback from the property lines as follows:

North setback:	50'	to	C-1 District
South setback:	10'	to	C-1, undeveloped
East setback:	184'	to	C-1 District
West setback:	41'	to	C-2 District

Nearest Residential: 120' to R-4 (south)

**Co-location**

The site is currently designed to accommodate one carrier on the 45' monopole. The 13' pole extension will allow Cricket and Clearwire to co-locate on the monopole and will minimize the overall visual impact on the community by eliminating the need for an additional stand-alone monopole. Co-location is in-keeping with the spirit of the City of Las Vegas wireless ordinance which supports co-location over the development of additional stand-alone facilities.

Should you have any questions, or require additional information, please contact me at 702-207-9920

RECEIVED  
NOV - 4 2008

SUP-31739  
12/18/08 PC