

# City of Medina Planning Commission

## Small Wireless Facility Presentation



OGDEN  
MURPHY  
WALLACE  
ATTORNEYS

Daniel Kenny – Emily Miner

Attorneys

206-447-7000

[dpkenny@omwlaw.com](mailto:dpkenny@omwlaw.com)

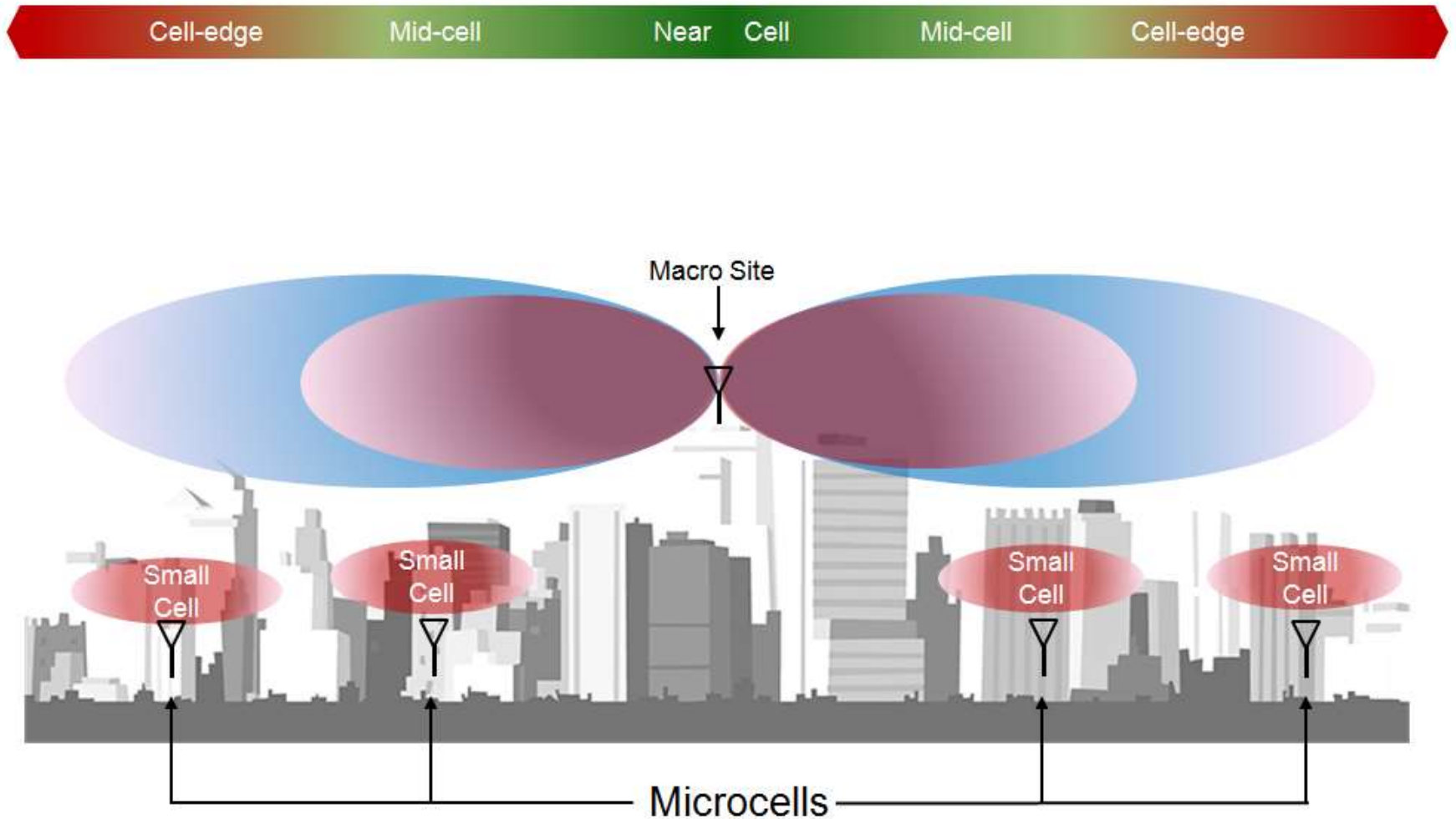
[eminer@omwlaw.com](mailto:eminer@omwlaw.com)

# Why Small Cells?

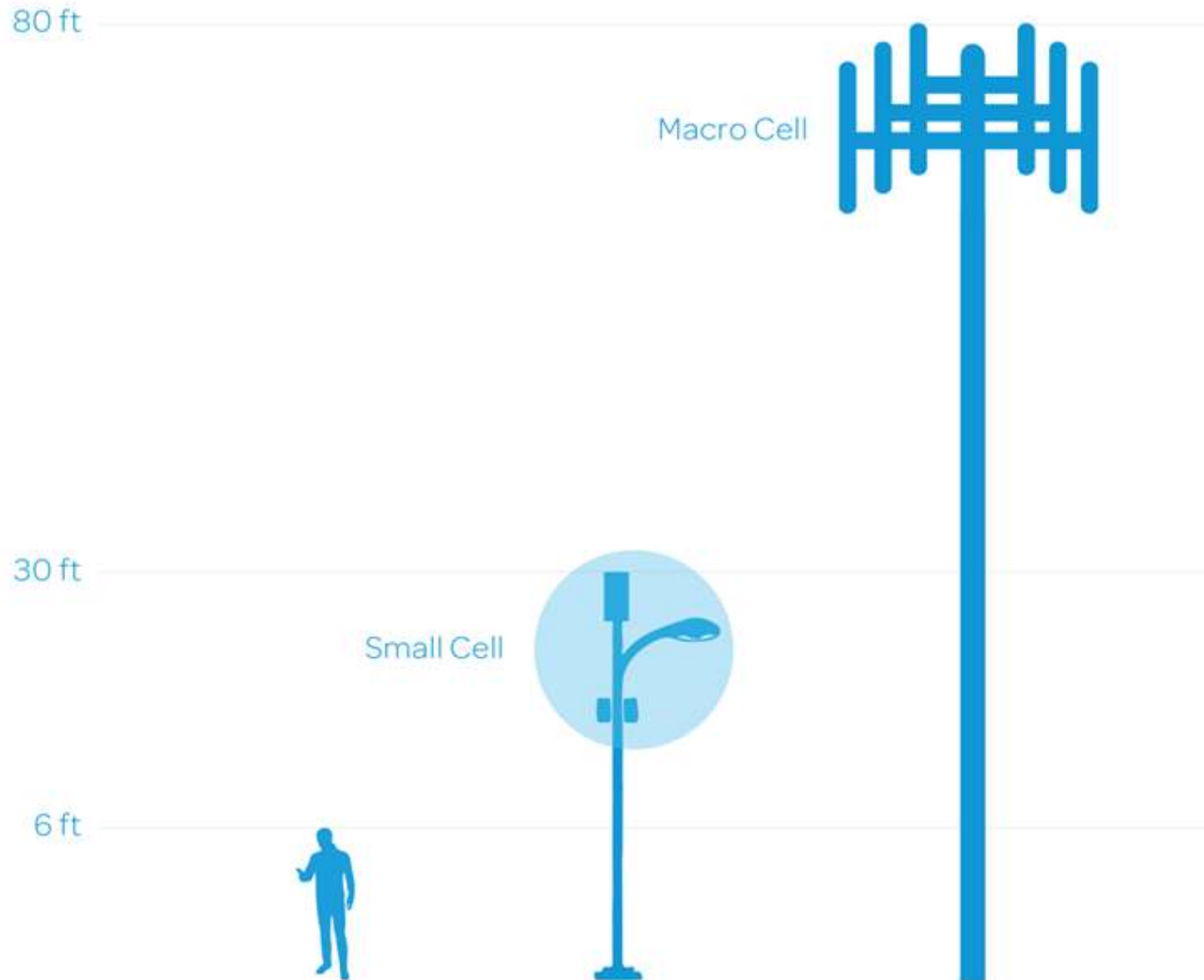
aka Small Wireless Facilities



# Macro vs Small Cell



# Small Wireless Facilities



This slide depicts a graphical representation of small cells and macro cells. The actual equipment, size and design may vary.



# Components of Small Wireless Facilities

Each antenna associated with the deployment should be no more than three (3) cubic feet in volume.



# Components of Small Wireless Facilities

All other wireless equipment associated with the structure, including the wireless equipment associated with the antenna and any pre-existing associated equipment on the structure, should be no more than 28 cubic feet in volume.



# Components of Small Cells

Wireless equipment associated with the structure:

- Primary Equipment Enclosure (Radios, termination box, etc.)
- Electric meter
- Demarcation box
- Battery back-up
- Power transfer switch
- Concealment
- Ground based enclosure
- Grounding equipment
- Cut-off switch
- Necessary Power & Fiber Lines

# Anatomy of a Small Cell



Antenna

Fiber & Coax Conduit

Power Conduit

New Fiber Service

Radios and Fiber Termination Box in a concealed shroud

Power Disconnect





# Small Cells on Wooden Utility Poles



PROPOSED

# Small Cells on Light Poles



# Proposed Verizon Deployment for PSE Light Pole in Kirkland



# State and Federal Changes

Washington State has considered state law changes related to small cell. Nothing has passed. Unknown if it will be brought up again next session and whether anything will pass.

The FCC just published a Declaratory Ruling and Third Report and Order that will impact the City's new code. This has an effective date of Jan. 14, 2019, unless there is a stay.

# Potential New Code

- OMW, in conjunction with staff, will be preparing draft code that will position the City to review and approve small wireless facility applications.
  - Important to note – review timeline is 60 days for collocation/existing pole – 90 days for small cell on new structure. This is FAST.
  - This includes all “action on applications seeking authorization for deployments...”
    - Franchises, small cell applications, permitting, etc.
- The draft will include Aesthetic Standards
  - Not preempted if:
    - Reasonable
    - No more burdensome than those applied to other (similar) types of infrastructure deployments
    - Objective and published in advance (180 days from publication of the order)

OMW

Daniel Kenny and Emily Miner  
Attorneys

206-447-7000

[dpkenny@omwlaw.com](mailto:dpkenny@omwlaw.com)

[eminer@omwlaw.com](mailto:eminer@omwlaw.com)

OGDEN MURPHY WALLACE

OMWLAW.COM