CROWN CASTLE
PROPOSED SMALL CELL NODES

NODE ID: UCV002m1
LAT/LONG: 38.550218 / -121.779138
SITE TYPE: METAL STREET LIGHT

SITE ADDRESS: IN PUBLIC RIGHT OF WAY ON ARLINGTON BLVD NEAR TO 2304 WESTERNESSE RD
DAVIS, CA 95616

PROJECT SUMMARY:

SITE ADDRESS: 38.550218 / -121.779138
LATITUDE: 38.550218
LONGITUDE: -121.779138

PROPERTY OWNER: CITY OF DAVIS
POLE OWNER: CITY OF DAVIS

POLE NUMBER: ONE STREET LIGHT
POLE TYPE: TELEPHONE POLE
POLE MATERIAL: STEEL
POLE STYLE: 3-POLE
ATTACHMENT: ELECTRICAL

POWER COMPANY: DPHX
ATTACHMENT: ELECTRICAL

BUILDING SUMMARY:

COMMISSION OF RURAL TELECOMMUNICATIONS:
2005 & 2006 MANDATORY NEXT EDITION STANDARD:
FINDING:
PUBLIC RIGHT OF WAY:
POLE NUMBER:

PROJECT DESCRIPTION:
INSTALLATION OF AN UNWIRELESS TELECOMMUNICATION FACILITY: CROWN CASTLE TO INSTALL THE FOLLOWING:

- TELEPHONE LINE
- INSTALL, LASH 200 FT. TELEPHONE LINE
- ELECTRICAL CONDUIT AND ADAPTOR, 2-5/8" X 1-1/4"
- ELECTRICAL BOX, 2-5/8" X 1-1/4"
- ELECTRICAL FUSE 15 AMPS

CONSULTING TEAM:

ARCHITECTURAL & ENGINEERING:
INFINITY ENGINEERING, LLC
3833 METCALF AVENUE, SUITE 315
OVERLAND PARK, KS 66212
PHONE: 913-341-9595
EMAIL: info@infinity-llc.com

APPLICABLE CODES:

ALL WORK AND MATERIAL SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. ANYTHING IN THIS PLAN IS TO BE CONSTRUCTED TO COMPLY WITH LAW AND COMPLIANT TO THESE CODES:

2012 INTERNATIONAL BUILDING CODE
2012 CALIFORNIA ELECTRICAL CODE
CITY OF DAVIS COUNTY ORDINANCES
2012 INTERNATIONAL FIRE CODE

VICINITY MAP:
UCV002m1

PROPOSED SMALL CELL NODE

IN PUBLIC RIGHT OF WAY ON ARLINGTON BLVD NEAR TO
2304 WESTERNESSE RD DAVIS, CA 95616

EXISTING

PROPOSED

VIEW 1 | LOOKING NORTHWEST

PHOTOSIM
PROPOSED SMALL CELL NODE

IN PUBLIC RIGHT OF WAY ON ARLINGTON BLVD NEAR TO
2304 WESTERNESSE RD  DAVIS, CA 95616

EXISTING

PROPOSED

VIEW 2 | LOOKING SOUTHWEST
UCV002m1
PROPOSED SMALL CELL NODE
IN PUBLIC RIGHT OF WAY ON ARLINGTON BLVD NEAR TO 2304 WESTERNESSE RD DAVIS, CA 95616
**CAUTION**
Keep Back ____ FT From this Antenna. FCC RF Public Exposure Limits May Be Exceeded Within This Distance. Call 888-632-0931 for Instructions. Qualified Workers: FCC Occupational Limits May Be Exceeded Within This Distance.

**NOTICE**
POLE WORKERS
There is an antenna operation high on this pole. Please follow guidance on signs near the antenna or call the number below.

Site ID # ________________

CROWN CASTLE 888-632-0931

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**AMPHENOL ANTENNA**

**ANTENNA CAUTION SIGNAGE**

**ANTENNA NOTICE SIGNAGE**

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**AIRSPAN RADIO MOUNT**

**AIRSPAN RADIO**
Instructions for De-Energizing the Site:
1. Call Crown Castle Network operations center 1888-632-0931
2. Identify RF DISCONNECT BOX
3. Open RF DISCONNECT BOX
4. Open cover for RF Disconnect Breaker
5. Turn RF Disconnect Breaker to the off position to de-energize node
6. To confirm that the site has been de-energized, PG&E crew/technician can remove the single screw on the bottom right cover of the RF Disconnect Breaker and remove the cover to expose the source and load terminals on the switch and then check for no potential between the load terminal and ground to verify that no RF signal can be generated.
7. Notify Crown Castle Network operations center that work is complete
C-TAP DETAIL

PROPPOSED #6 AND GREEN MAN GROUND CONDUCTOR

NOTE: CONTRACTOR TO SURROUND CONNEX WITH HEAT-SHINK TUBING TO ENSURE WEATHER PROOF CONNECTION

WELD CONNECTION DETAILS

H-6S TYPE-6X TYPE-V TYPE-6X-2 TYPE-GC TYPE-6C

TYPE-6A TYPE-VN TYPE-6C TYPE-6G TYPE-GF

TYPE-6M TYPE-VS TYPE-VS TYPE-PF TYPE-GH

NOTE: "WELD TYPES" SHOWN ARE EXAMPLES. CONSULT WITH PROJECT MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.

GROUNDING RISER DIAGRAM

PROPOSED 12'X4'X4' ELEVATION ON TOP OF EXISTING METAL LIGHT POLE.

PROPOSED DISCONNECT (SEE SHEET D-5, DETAIL 6)

PROPOSED #6 AND GREEN MAN GROUND CONDUCTOR

PROPOSED MECHANICAL CONNECTION (TYP.)

NOTES:
1. ALL RISERS TO BE GROUNDED AT BOTH ENDS USING GROUNDING BUSHINGS
2. NEW #6 RISER TO BE CONNECTED TO EXISTING #10 RISER IN EXISTING PULL BOX

NOTE: CIRCUIT BREAKER FOR SHOCK HAZARD PURPOSES ONLY, SEE ELEVATION INCLUDING TYP. EQUIPMENT AND ANTENNA LOCATION.