## PROJECT TEAM

## APPLICANT:

5001 Executive Parkway

## ARCHITECT/ENGINEER:

Rodney Barnes Meridian Management LLC 785 Oak Grove Road E2 Suite 251 Concord, CA 94518 T 707.592.5924

## rodnev@meridian.manage ZONING CONTACT

Matt Yergovich Vinculums Services 575 Lennon Lane Suite 125 Walnut Creek, CA 94598 T 415.596.3474

## LEASING CONTACT:

Matt Yergovich Vinculums Services 575 Lennon Lane Suite 125 Walnut Creek, CA 94598 T 415.596.3474 myergo@gmail.com

## CONSTRUCTION MANAGER:

Vinculums Services 575 Lennon Lane Suite 125 Walnut Creek, CA 94598

## **Attachment C**

## **GENERAL NOTES**

- THIS IS AN UNMANNED TELECOMMUNICATIONS FACILITY FOR THE AT&T WIRELESS NETWORK CONSISTING OF THE INSTALLATION AND OPERATION OF AN ANTENNA AND ASSOCIATED EQUIPMENT ON AN EXISTING METAL LIGHT POLE IN THE PUBLIC RIGHT-OF-WAY. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.
- A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT DRAINAGE, NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL
- CHANGES FROM THE APPROVED PLANS DURING THE COURSE OF CONSTRUCTION SHALL CAUSE CONSTRUCTION TO BE SUSPENDED UNTIL SUCH TIME AS THE PLANS CAN BE AMENDED BY THE DESIGNER AND SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL

## CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- CALIFORNIA CODES
- 2016 CALIFORNIA BUILDING CODE
- 2016 CALIFORNIA MECHANICAL CODE
- 2016 CALIFORNIA PLUMBING CODE 2016 CALIFORNIA ELECTRIC CODE
- 2016 GREEN BUILDING CODE
- 2016 EDITION OF TITLE 24 ENERGY STANDARDS
- ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
- CITY / COUNTY ORDINANCES
- CITY OF OAKLAND PUBLIC WORKS DEPARTMENT
- GENERAL ORDER 95 (JUNE 2009 EDITION)

## SITE IMAGE



## PACE ID: ROW AT 276 29TH ST, OAKLAND, CA 94611

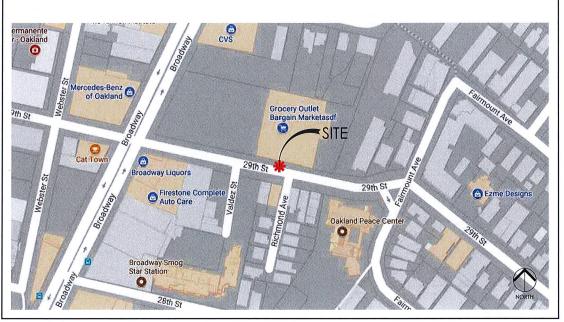
CRAN-RSFR-SFOK6-024

5001 EXECUTIVE PARKWAY, SAN RAMON, CA 94583

STAT&T

COUNTY: ALAMEDA SITE TYPE: WOOD POLE

FA:14307065 HUB:19 USID:192872



## DRIVING DIRECTIONS

## FROM AT&T WIRELESS OFFICE AT 5001 EXECUTIVE PARKWAY, SAN RAMON, CA

- Head north-east on Bishop Dr towards Sunset Dr
- Turn right onto Sunset Dr.
  Use the right 2 lanes to turn right onto Bollinger Canyon Rd
- Use the right 2 lanes to merge onto I-680 N via the slip road to Sacramento
- Merge onto I-680 N
- Use the right 2 lanes to take exit 46A for State Route 24 towards
- Oakland/Lafayette Continue onto CA-24 W
- Keep left at the fork to stay on CA-24 W
- Use the right 2 lanes to take exit 2B for Interstate 580 E towards
- 10. Use the right lane to merge onto I-580 E
- Take exit 21A for Harrison St
- Turn right onto Harrison St
- Turn right onto 29th St

## GENERAL NOTES, LEGEND, ABBREVIATIONS T.2 OVERALL SITE PLAN A.1 A.2 POLE PLAN, EQUIPMENT ENLARGEMENTS A.3 ELEVATIONS FLEVATIONS A.4 EQUIPMENT DETAILS A.6 EQUIPMENT DETAILS

INDEX

## DRAWING SIGN-OFF

	Vinculums	Signature	Date
	SITE ACQUISITION:		
	PLANNING:		
	CONSTRUCTION:		
	MANAGEMENT:		
	SAT&T	Signature	Date
1	CONSTRUCTION:		
	REAL ESTATE:		
	RF ENGINEER:		
	EQUIPMENT ENGINEER:		
	MW ENG/TRANSPORT:		
	OWNER:	<u></u>	

## PROJECT DESCRIPTION

THIS IS AN UNMANNED TELECOMMUNICATIONS FACILITY FOR THE AT&T WIRELESS NETWORK CONSISTING OF THE INSTALLATION AND OPERATION OF AN ANTENNA AND ASSOCIATED FOURIERT ON AN EXISTING WOOD POLE IN THE PUBLIC RIGHT-OF-WAY

## SCOPE OF WORK & SITE COMPLETION CHECKLIST:

- ANTENNA & ASSOCIATED EQUIPMENT BOXES: INSTALL A NEW TELECOMMUNICATION ANTENNA. NEW 7' BAYONET EXTENSION, (2) EQUIPMENT BOXES, NEW FIBER BOX, AND NEW DISCONNECT/BREAKER BOX ON AN EXISTING WOOD POLE. ALL POLE-MOUNTED EQUIPMENT TO BE INSTALLED ON A GO95 COMPLIANT
- DURABLE PAINT: ANTENNAS, MOUNTING BRACKETS, CABLING, AND RADIO RELAY UNITS TO BE PAINTED
- CABLING: CABLING TO BE INSTALLED IN A TIDY MANNER WITHOUT EXCESS CABLE LOOPS
- LOGO REMOVAL: ALL FOLIPMENT LOGOS, OTHER THAN THOSE REQUIRED BY REGULATION (E.G. NODE IDENTIFICATION), SHALL BE PAINTED OVER OR REMOVED, RAISED/DEPRESSED TEXT ON RRUS OR OTHER EQUIPMENT, IF PRESENT, TO BE SANDED OFF OR SIMILARLY REMOVED AND/OR FILLED
- SIGNAGE: FCC MANDATED RE WARNING SIGNAGE SHALL FACE CLIMBING SPACE, OPTIONAL SIGNAGE SHALL FACE OUT TO STREET WHEN PLACED IN FRONT OF OR NEAR A WINDOW. SIGNAGE SHALL FACE TOWARD BUILDING IF THERE IS NO WINDOW.
- UTILITY LINES: PROPOSED UTILITY LINES BETWEEN EXISTING POINT OF CONNECTION TO BE IN CONDUIT ON

## SITE INFORMATION

PG&F

O	
APPLICANT:	AT&T 5001 EXECUTIVE PARKWAY SAN RAMON, CA 94583
LATTITUDE:	37.8172500 (NAD 83)
LONGITUDE:	-122.2614700 (NAD 83)
GROUND ELEVATION:	34' AMSL
ADJACENT APN#:	(IFO) 9-702-1-1
ZONING JURISDICTION:	CITY OF OAKLAND
CURRENT ZONING:	PUBLIC ROW
PROPOSED USE:	UNMANNED TELECOMMUNICATIONS FACILITY

## DO NOT SCALE DRAWINGS

OWNER.

CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTICY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING FOR SAME





AT&T Wireless 5001 Executive Parkway San Ramon, CA 94583



Project Architect:



SUITE 125 WALNUT CREEK, CA 94598

Site Agent:

95% Zoning Drawings

Drawing Phase:

CRAN-RSFR-SFOK6-024 PACE ID:

ROW AT 276 29TH ST OAKLAND, CA 94611 COUNTY: ALAMEDA

Site Name

Professional Seal:

Rev. Date

It is a violation of law for any person, unless they are acting under the direction of a licensed Professional Architect/Engineer, to alter this document.

Description

		Zonii	Zoning Dwgs 90%			
02	10/23/17	Zonii	ng Dwgs 95%			
Proj	ect No.:	-				
Proj Date		17	Job No.:			
Date	700		Job No.: CAD File:			

TITLE SHEET

Sheet No

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## GENERAL CONSTRUCTION NOTES

- PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- 2. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR
- CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227-2600, FOR UTILITY LOCATIONS, 48 HOURS BEFORE
  PROCEEDING WITH ANY EXCAVATION, SITE WORK OR CONSTRUCTION.
- 4. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC / UBC'S REQUIREMENTS REGARDING EARTHQUAKE RESISTANCE, FOR, BUT NOT LIMITED TO, PIPING, LIGHT EXTURES, CELING GRID, INTERIOR PARTITIONS, AND MECHANICAL EQUIPMENT. ALL WORK MUST COMPLY WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.
- 6. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWINGS, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLERY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYORS MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTHY THE ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DAWNINGS AND THE NORTH ORIENTATION AS DEPICIED ON THE CHILL SOLERY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTH'T THE
- THE BUILDING DEPARTMENT ISSUING THE PERMITS SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK, OR AS OTHERWISE STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.
- 8. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
- ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON THE PLAN HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT / ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS, OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTORS SHE BERSPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTORS SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR
- 10. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICALLY, PRIOR TO THE START OF CONSTRUCTION. ANY COMPRATIONS AND YEARTH ALE ASSIMED BILLIES, DOT IN TORCOVERIN, AND YEARLALLY PROVIDED TO THE ASSIMED OF CONSIDERATION OF THE ASSIMED THE A
- 11. ALL PROPOSED AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
- 12. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED / DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO IT'S ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON "AS-BUILT" DRAWINGS BY GENERAL CONTRACTOR, AND ISSUED TO THE ARCHITECT / ENGINEER AT COMPLETION OF PROJECT.
- 13. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
- 14. INCLUDE MISC. ITEMS PER AT&T WIRELESS SPECIFICATIONS

## GENERAL NOTES FOR EXISTING CELL SITES

- PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT! OTHER ATTENION OF CONTRACTOR.

- 4. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.
- SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND 11 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWNING, SUBCONTRACTOR SHALL UNITLE EXSTINCT TRAYS AND/OR SHALL ADD PROPOSED TRAYS AS NECESSARY, SUBCONTRACTOR SHALL CONTRACTOR.
- 6. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.

### APPLICABLE CODES, REGULATIONS AND STANDARDS:

- SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION.
- THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN
- 3. SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS
- 4. AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE - AMERICAN DONCREIE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
  - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AIGC), MANUAL OF STEEL CONSTRUCTION, ASD, INITH EDITION
  - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-F, STRUCTURAL STANDARD FOR STRUCTURAL ANTENNA TOWER AND ANTENNA
  SUPPORTING STRUCTURES
  - INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND
  EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF
  ELECTRICAL EQUIPMENT.

IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND

- TIA 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS TELCORDIA GR-63 NETWORK EQUIPMENT-BUILDING SYSTEM (NEBS): PHYSICAL PROTECTION TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING TELCORDIA GR-1275 GENERAL INSTALLATION REQUIREMENTS TELCORDIA GR-1503 COAXIAL CABLE CONNECTIONS
- 6. ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATIONS
- FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE SHALL GOVERN, WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

(E) PAD MOUNTED XFMER

## GENERAL TRENCHING NOTES

- MAINTAIN 40" MINIMUM COVER FOR ALL ELECTRICAL CONDUITS.

  MAINTAIN 30" MINIMUM COVER FOR ALL TELECOMMUNICATIONS CONDUITS.

  MAINTAIN 30" MINIMUM COVER FOR ALL TELECOMMUNICATIONS CONDUITS.

  MINIMUM 1" SAND SHADING BELOW CONDUITS, AND 6" COVERING ON TOP OF CONDUITS REQUIRED.

  ALL ELECTRICAL CONDUITS FROM POWER COMPANY FROM ANY POLE, IRANSFORMER OR OTHER LOCATIONS WILL BE SLURRY BACKFILLED.

  IN STREET SLURRY TO GRADE AND MILL DOWN 1-12" FOR AC CAP.
- IN DIRT SLURRY 18" FROM GRADE AND FILL 95% COMPACTION NATIVE SOIL FOR BALANCE
- WARNING TAPE TO BE PLACED IN TRENCH 12" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE RING

## GENERAL GROUNDING NOTES

- 5/8" x 8" ROD, CAD WELD BELOW GRADE
   GROUND TESTED AT 5 OHMS OR LESS.
   #5 GROUND AND BOND WISC.
   GROUNDS 3" FROM POILE.
   GROUNDS 3" FROM POILE.
   PLACE 3" HO GA WIRES FROM TESCO BREAKER TO PBMD OR STRONG BOX.
   WOOD MOLDING, STAPLED EVERY 3" AND AT EACH END.

### GENERAL CONDUIT NOTES

- ALL CONDUITS WILL BE MANDRELED AND EQUIPPED WITH 3/8" PULL ROPE.

- ALL CUMUNIST HE MANUALLED AND EXEMPT OF THE METERS OF THE
- SCHEDULE 80 FROM TOP OF STUB UP 7. INSTALL STEPS PER AT&T REQUIREMENTS

## TYPICAL R.O.W. POLE CONSTRUCTION NOTES

- CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE.
  ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
  NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"

- TOP OF ARM).

  USE FOR CONNECTOR AT CABLE CONNECTION FOR OMNI DOWN ANTENNAS.

  USE FOR CONNECTOR AT CABLE CONNECTION FOR OMNI DOWN ANTENNAS.

  USE CABLE CLAMPS TO SECURE CABLE TO ARMS, PLACE 2" AT&T WIRELESS CABLE I.D. TAGS ON BOTH SIDES OF ARMS.

  USE 1/2" DIA. CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.

  PLACE GFS ON ARM OF SOUTHERN SKY EXPOSURE AT MINIMUM 6" FROM TRANSMIT ANTENNA WHICH IS 24" AWAY FROM CENTER OF
- 10. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

- ALL HOLES IN POLE LEFT FROM REARRANGEMENT OF CLIMB STEPS TO BE FILLED.

  90° SHORT SWEEPS UNDER ANTENNA ARM, ALL CABLES MUST TRANSITION ON THE INSIDE OR BOTTOM OF THE ARM (NO CABLE ON

## **GENERAL NOTES**



5/8" X 10"-0" ,CU. GND ROD IN TEST WELL 30" MIN. BELOW GRADE. TELCO RUN  $\odot$ T/E --- POWER/TELCO RUN CHEMICAL GROUND ROD (XIT GROUND ROD) - GROUNDING CONDUCTOR CADWELD CONNECTION — GROUNDING CONDUCTOR MECHANICAL CONNECTION — — — CONDUIT UNDERGROUND HALO GROUND CONNECTION FUSE, SIZE AND TYPE AS INDICATED. ----CIRCUIT BREAKER SAFETY SWITCH, 2P-240V-60A W/60A FUSES, NEMA 3R ENCLOSURE, SQ D CATALOG NO. H222NRB UTILITY METER BASE MANUAL TRANSFER SWITCH, 2P-240V-200A, NO FUSE, NEMA 3R ENCLOSURE  $\Box$ H TRANSFORMER LIGHTING FIXTURE, FLUORESCENT, 10.94" x 4'-0", 2/40W, SURFACE MOUNTING TYPE, HUBBELL LIGHTING CATALOG EOHLIGHTING FIXTURE, FLUORESCENT, 10.94" x 8'-0", 2/95W, SURFACE MOUNTING TYPE, HUBBELL LIGHTING CATALOG #TWSM232T RECEPTACLE, 2P-3W-125V-15A, DUPLEX  $\ominus$ GROUND TYPE, HUBBEL CATALOG #5362 LIGHTING FIXTURE, HIGH PRESSURE SODIUM, 1/70W, WALL MOUNTING TYPE, HUBBELL LIGHTING CATALOG #NRG-307 OR 1/50W, HUBBELL LIGHTING CATALOG #NRG-121 TOGGLE SWITCH, 1P-125V-15A, HUBBELL CATALOG #HBL 1201CN  $H\Box$ EXIT SIGN, THERMOPLASTIC LED, SINGLE FACE, UNIVERSAL MOUNTING, W/BATTERY PACK, HUBBELL LIGHTING CATALOG  $+\otimes$ TOGGLE SWITCH, 1P-120V-15A, "WP" COMBINATION, EXIT SIGN & EMERGENCY LIGHTING, HUBBELL LIGHTING CATALOG #PRC IONIZATION SMOKE DETECTOR W/ALARM EXIT (S) HORN & AUXILIARY CONTACT, 120 VAC, GENTEX PART NO. 7100F EMERGENCY LIGHTING, 2/50W, HUBBELL LIGHTING CATALOG 0 LIGHTING FIXTURE, INCANDESCENT, 1/100W, WALL MOUNTING TYPE, HUBBELL LIGHTING CATALOG #BRH-100-06-1 Ю PROPOSED POLE MOUNTED XFMER LIGHTING FIXTURE, HALOGEN, QUARTZ, 1/300W, HUBBELL LIGHTING CATALOG #QL-505 (E) POLE MOUNTED XFMR PROPOSED PAD MOUNTED XFMER

LIGHTING FIXTURE, 1/175W, METAL HALIDE, HUBBELL CAT

5/8" X 10'-0" ,CU. GND ROD 30" MIN. BELOW GRADE.

HX

AMPERE ANCHOR BOLT ABOVE ANTENNA CABLE COVER ASSEMBLY AMPERE INTERRUPTING CALUMINUM
ALTERNATE
ANTENNA
APPROXIMATE(LY)
ARCHITECT(URAL)
AMPERE TRIP
AMPERE TRIP
AMERICAN WIRE GAUGE
BATTERY
BOARD
OARD NDARY NAILING CAB.
CANT.
CB.
CI.P.
CKT.
CLG.
CLR.
COL.
CONC.
CONST
CONT. GENCY GENERATOR RECEPTACLE VATOR CTRICAL METALLIC TUBING E.N.
ENCL.
ENCL.
ENG.
EQ.
EXST. (E)
EXP.
EXP.
EXT.
FAB.
FAC.
F.F.
F.G.
FIN.
FLUOR
F.O.C.
F.O.S.
F.O.S.
FT.(1)
FIG. GRUUND GLUE LAMINATED BEALL GROUND GLOBAL POSITIONING SYSTEM

ISOLATED COPPER GROUND BUS INCH(ES) ICGB.
IN.(")
INT.
LB.(#)
L.B.
L.F.
LG.
LPS
MAS.
MAS.
MECH
MFR.
MISC.
MISC.
MIDO
MTG.
MTG.
MTS. 

POUND(S) LAG BOLTS LINEAR FEET (FOOT) MISCELLANEOUS MAIN LUGS ONLY NEUTRAL
PROPOSED
NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NUMBER
NOT TO SCALE
OVERHEAD OPENING
POLE
PRECAST CONCRETE
PERSONAL COMMUNICATION SERVICES
PHASE
PHAS PRIMARY
POUNDS PER SQUARE FOOT
POUNDS PER SQUARE INCH
PRESSURE TREATED
POWER (CABINET) RIGID GALVANIZED STEEL SIMILAR SOLID NEUTRAL SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL SURFACE SWITCH TELEPHONE TEMPORARY THICK(NESS) TOE NAIL
TOP OF ANTENNA
TOP OF CURB
TOP OF FOUNDATION
TOP OF PLATE (PARAPET)
TOP OF STEEL
TOP OF WALL
TYPICAL TOP OF WALL
TYPICAL SCOUND
UNDER VRIERS LABORATORY INC.
UNDER VRIER LABORATORY INC.
UNDER NOTED OTHERWISE
VOLT ALERNATING CURRENT
VERIFY IN FIELD
WATT OR WIRE
WIDE(WIDTH)
WITH
WITH HERPROOF



AT&T Wireless 5001 Executive Parkway San Ramon, CA 94583



85 Oak Grove Road E2 Suite 251 Concord, CA 94518

Project Architect:



575 LENNON LANE SUITE 125 WALNUT CREEK, CA 94598 T 925.482.8500

Site Agent:

95% Zoning Drawings

Drawing Phase:

CRAN-RSFR-SFOK6-024 PACE ID: **ROW AT 276 29TH ST** OAKLAND, CA 94611

COUNTY: ALAMEDA

Site Name:

Professional Seal:

It is a violation of law for any person, unless they are acting under the direction of a licensed Professional Architect/Engineer, to alter this document

Rev.	Date	Description
01	09/26/17	Zoning Dwgs 90%
02	10/23/17	Zoning Dwgs 95%
		-

Project No.

Date: 10/23/17

Scale: AS SHOWN CAD File: Designed By: IG Checked: RB

> GENERAL NOTES LEGEND **ABBREVIATIONS**

Job No.:

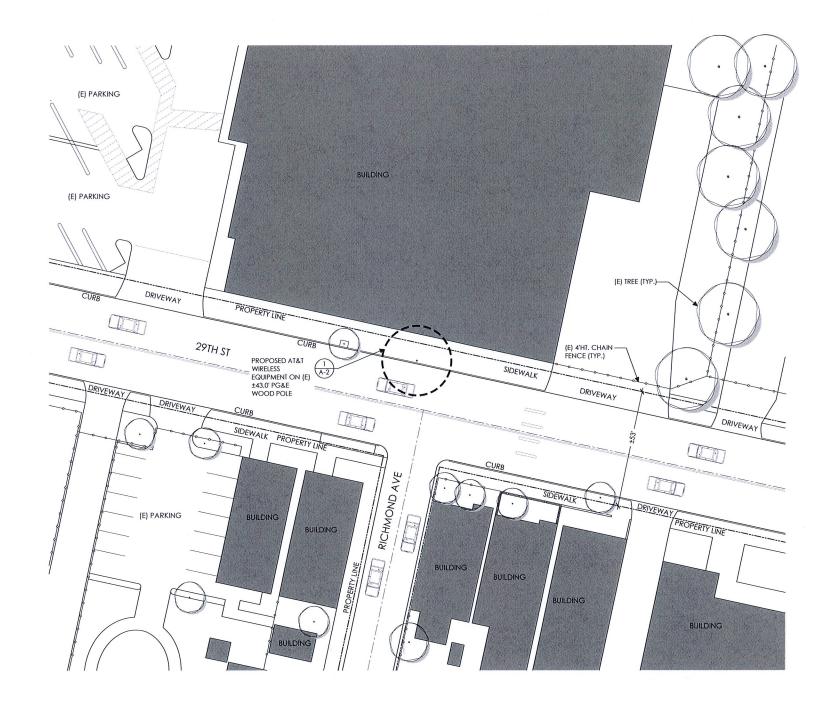
Sheet Title

Sheet No.:

Meridian Management LLC, 2017

**LEGEND** 

**ABBREVIATIONS** 



NOTE: THIS SITE PLAN WAS GENERATED WITHOUT THE USE OF A SURVEY, PROPERTY LINES, RIGHT-OF-WAYS, POWER & TELCO UTILITY POINT CONNECTIONS/ROUTES AND EASEMENTS SHOWN ON THESE PLANS ARE ESTIMATED. ALL ITEMS AND DIMENSIONS SHOULD BE VERIFIED IN THE FIELD.

UNDERGROUND UTILITIES NOTE:
THE LOCATIONS AND EXISTENCE OF ANY UNDERGROUND PIPES, STRUCTURES, OR CONDUITS SHOWN ON THIS PLAN WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THERE MAY BE EXISTING UTILITIES OTHER THAN THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN ON THIS PLAN.





5001 Executive Parkway San Ramon, CA 94583



785 Oak Grove Road E2 Concord, CA 94518 T 707.592.5924

Project Architect:



575 LENNON LANE SUITE 125 WALNUT CREEK, CA 94598 T 925.482.8500

95% Zoning Drawings

Drawing Phase:

## CRAN-RSFR-SFOK6-024

PACE ID: ROW AT 276 29TH ST OAKLAND, CA 94611 COUNTY: ALAMEDA

Professional Seal:

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		- coonputori
01	09/26/17	Zoning Dwgs 90%
02	10/23/17	Zoning Dwgs 95%
	,	

Date: 10/23/17 Job No.: Scale: AS SHOWN CAD File:

Designed By: JG Checked: RB

**OVERALL SITE** PLAN

Sheet Title:



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20' 10' 0 10' 20'

SCALE 1" = 20"

- (N) AT&T EQUIPMENT TO BE MOUNTED IN THE 9:00 QUADRANT
- CLIMBING SPACE BETWEEN 12:00 & 3:00
- POLE STEPS REQUIRED FROM 8.5' TO COMMUNICATIONS ZONE PER GO95 STEPS SHOULD BE USABLE WHEN INSTALLED WITHIN CLIMBING SPACE

**EQUIPMENT SYSTEM:** 

ALL NEW COMPONENTS NOT SHOP PAINTED SHOULD BE FIELD PAINTED SHERWIN WILLIAMS MESA BROWN

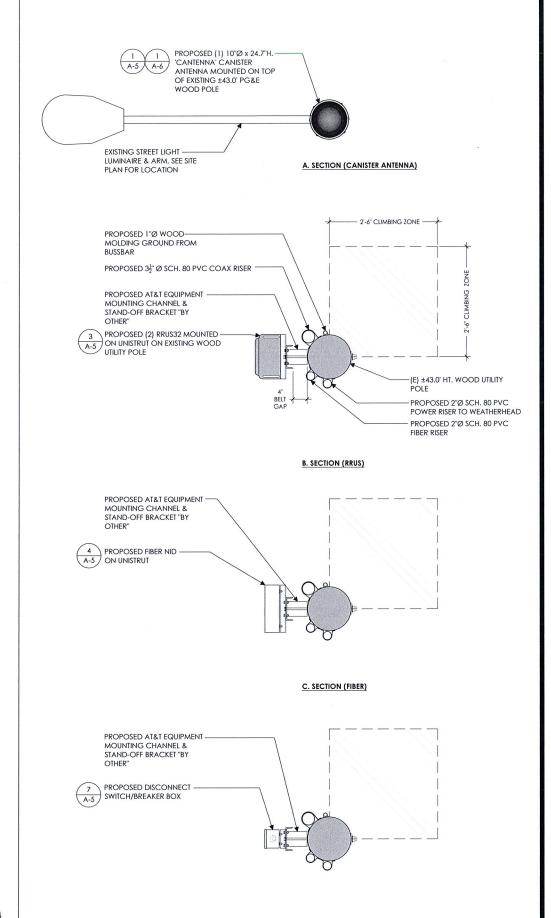
NEW CONDUIT FOR POWER/TELCO: (1) 2" CONDUIT FOR POWER

(1) 2" CONDUIT FOR FIBER

(1) 3½" CONDUIT FOR COAX (1) 1" WOOD MOLDING FOR GROUND

BUILDING PROPERTY LINE PROPOSED AT&T WIRELESS EQUIPMENT ON (E) ±43.0' PG&E WOOD POLE EXISTING STREET LIGHT-LUMINAIRE & ARM 29TH ST







AT&T Wireless 5001 Executive Parkway San Ramon, CA 94583



85 Oak Grove Road E2 oncord. CA 94518 707.592.5924

Project Architect:



575 LENNON LANE SUITE 125 WALNUT CREEK, CA 94598 T 925.482.8500

95% Zoning Drawings

Drawing Phase:

CRAN-RSFR-SFOK6-024

PACE ID: ROW AT 276 29TH ST OAKLAND, CA 94611 COUNTY: ALAMEDA

Professional Seal:

It is a violation of law for any person, unless they are acting under the direction of a licensed Professional Architect/Engineer, to alter this document.

icev.	Date	Description
01	09/26/17	Zoning Dwgs 90%
02	10/23/17	Zoning Dwgs 95%
ь.		
Proje	ct No.:	
Date:	10/23/	17 Job No.:

Scale: AS SHOWN CAD File:

Designed By: JG Checked: RB

**POLE PLAN EQUIPMENT ENLARGEMENTS** 

Sheet No.:

© Meridian Management LLC, 2017

16' 8' 0 8'

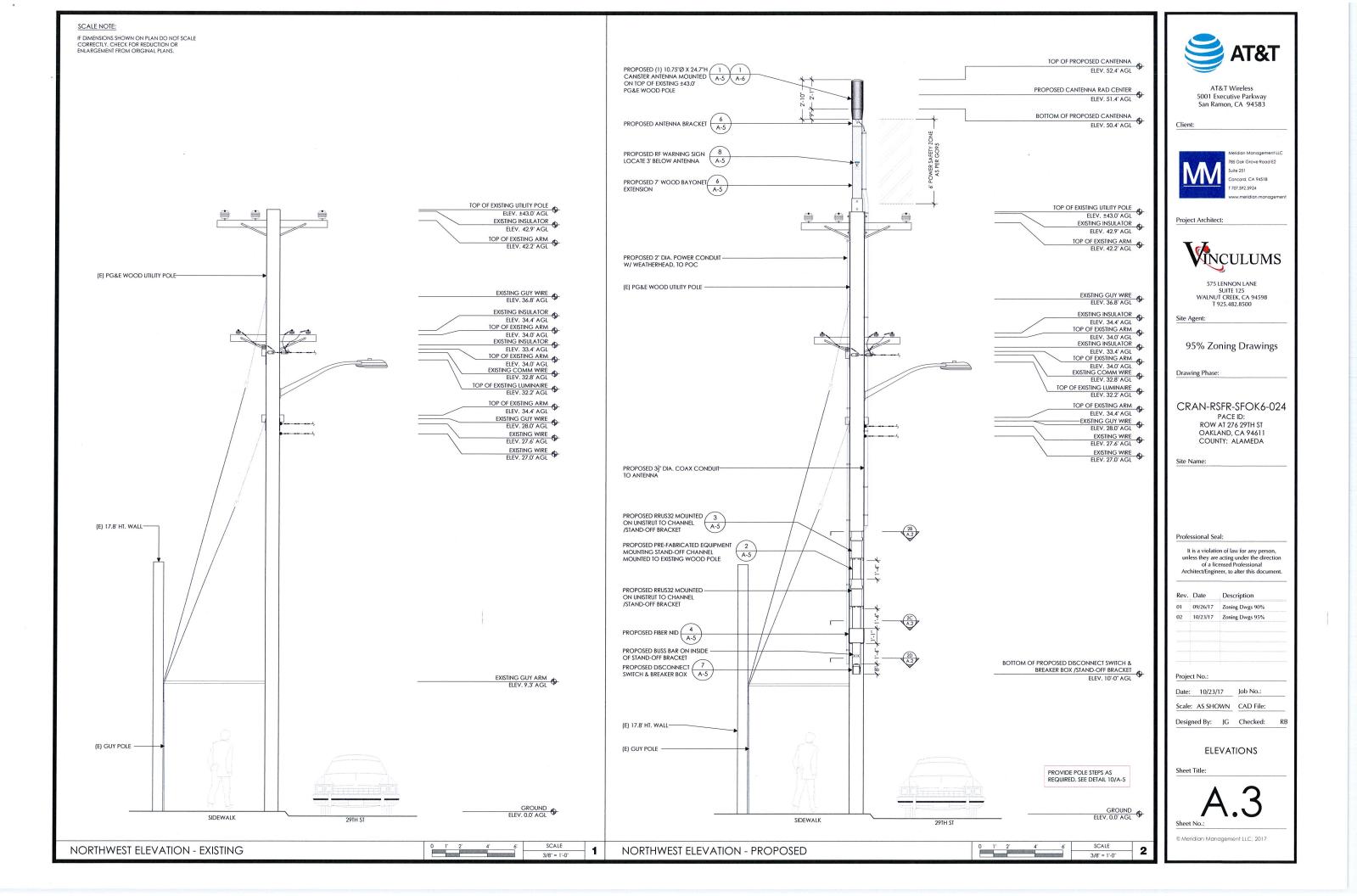
POLE PLAN ENLARGEMENTS

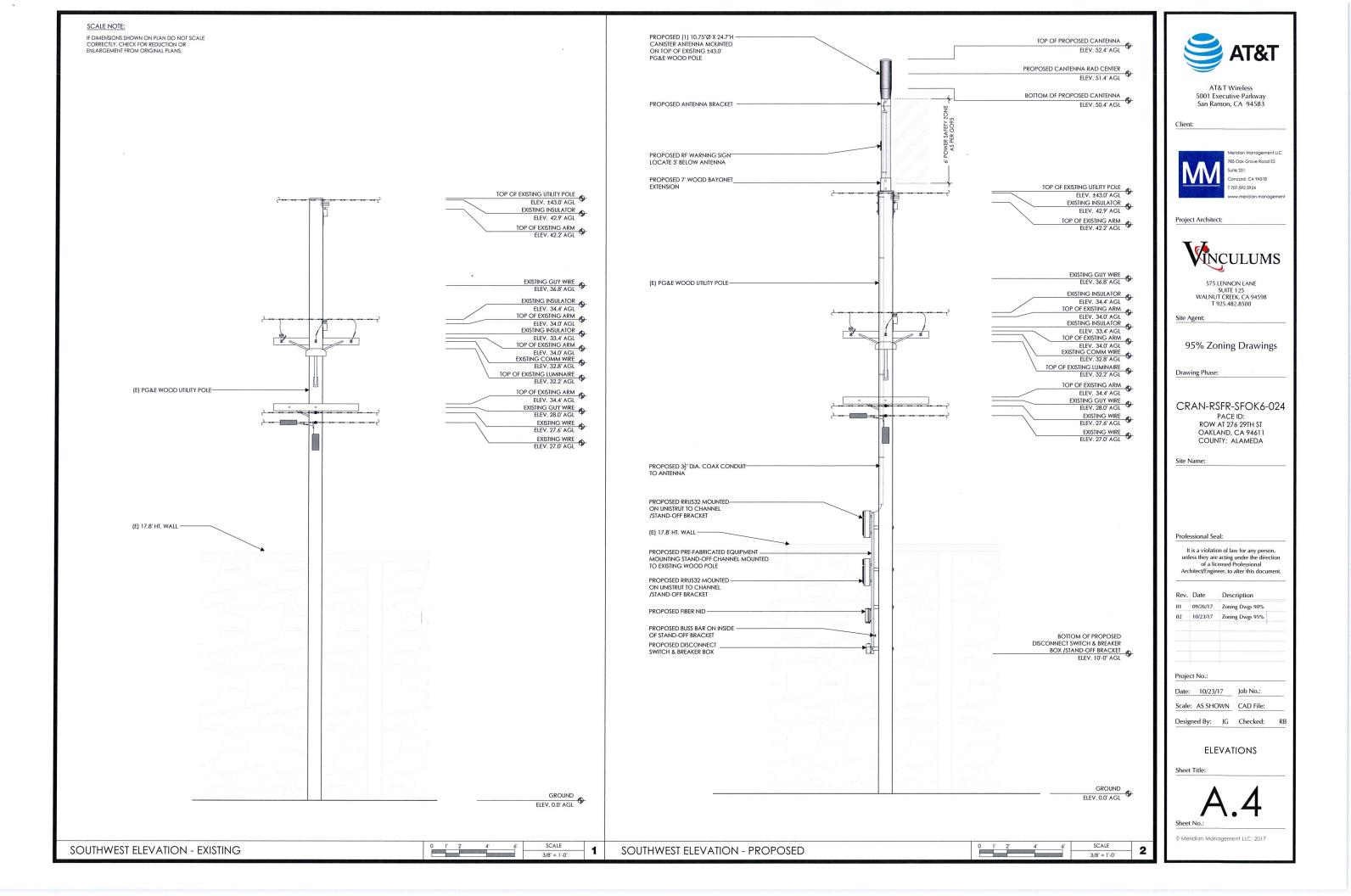
1' 6" 0 6"

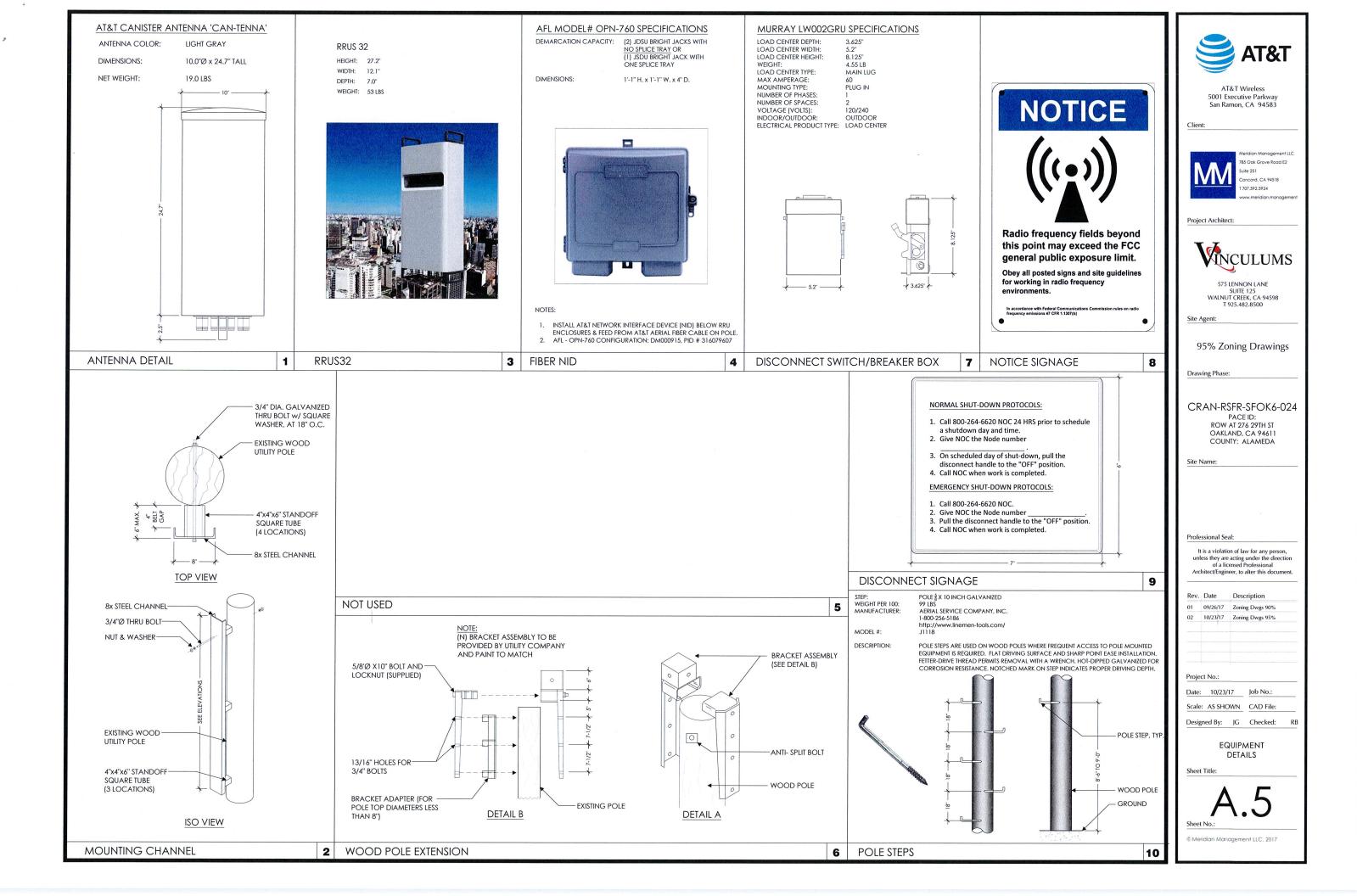
D. SECTION (DISCONNECT SWITCH/BREAKER BOX)

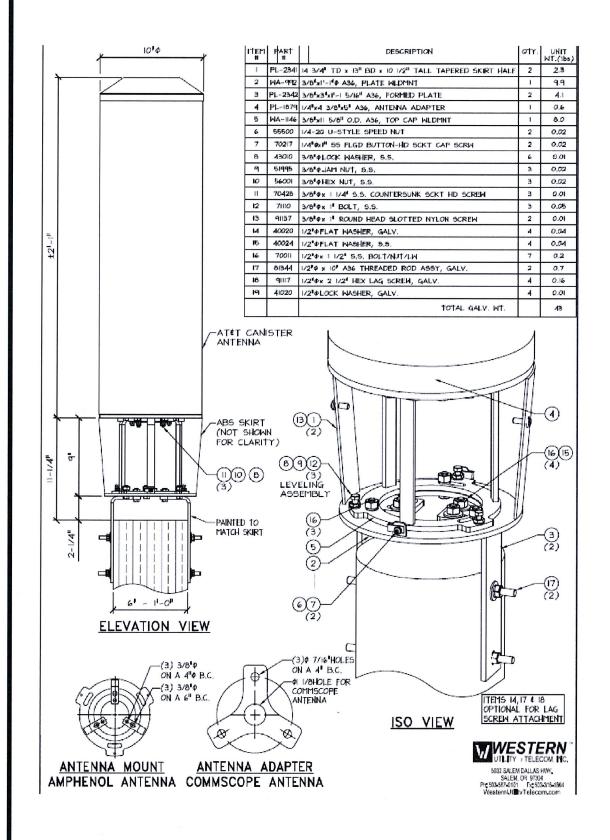
SCALE 2

POLE PLAN ENLARGEMENT











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Date	Description				
09/26/17	Zoning Dwgs 90%				
10/23/17	Zoning Dwgs 95%				
10/23/17	Zonnig Dwgs 9376				
	-				
	09/26/17				

Project No.:

Date: 10/23/17 Job No.: Scale: AS SHOWN CAD File:

Designed By: JG Checked:

**EQUIPMENT DETAILS** 

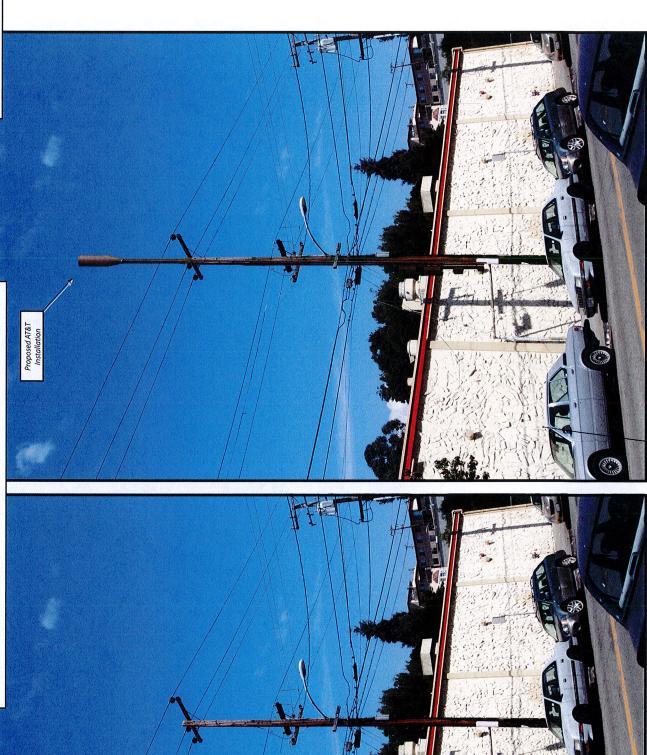
Sheet No.:

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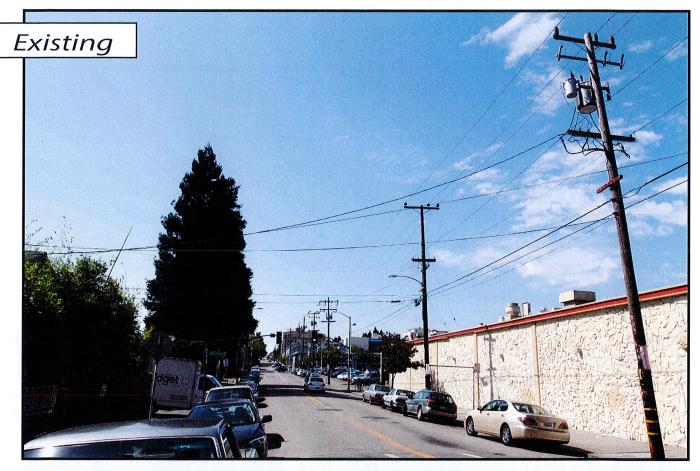
POLE TOP MOUNT W/ SKIRT ASSEMBLY DETAIL

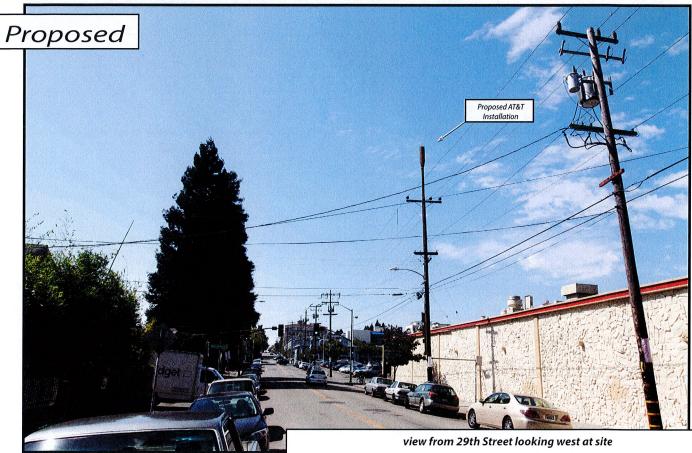
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2





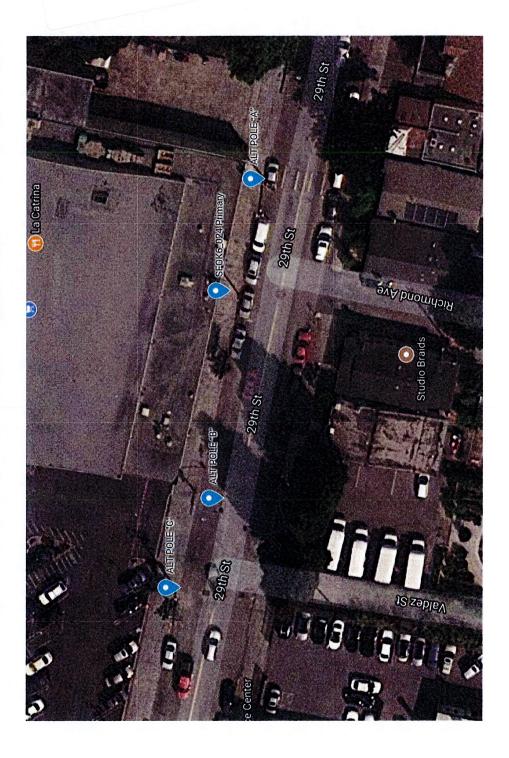




**AT&T** Wireless

AdvanceSime Photo Simulation Solutions Contact (925) 202-8507 CRAN-RSFR-SFOK6-024 276 29th Street, Oakland, CA **Photosims Produced on 10-30-2017** 

## Attachment E





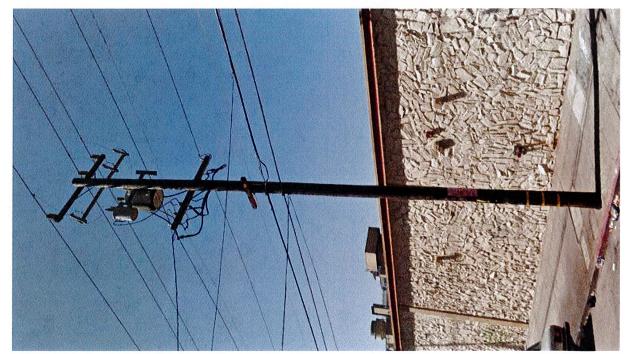
# AT&T PROPOSED LOCATION

SFOK6\_024 273 29<sup>th</sup> St., Oakland, CA 94611 APN: 9-702-1-1 37.8172500, -122.2614700 The project is located in an area with both existing residential & commercial structures. AT&T considered alternate utility poles immediately adjacent but none were desirable from a service coverage need, CPUC standards, PG&E standards, or an aesthetics perspective. The proposed project is in an underserved area.

# **ALTERNATIVE POLE "A"**



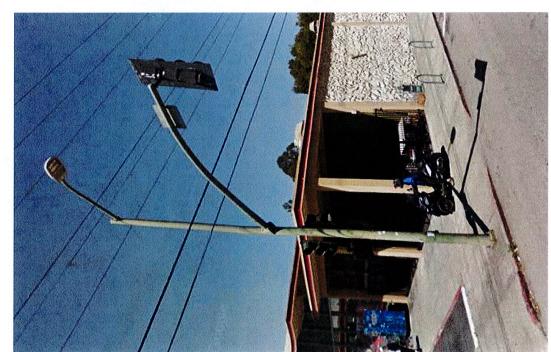
lines of PG&E wood utility pole prohibit Findings: Cutouts on primary conductor attaching small cell equipment



# **ALTERNATIVE POLE "B"**



manual disconnect arms are precluded Findings: PGE wood utility poles with from attachment.



# **ALTERNATIVE POLE "C"**



Findings: Cutouts on primary conductor lines of PG&E wood utility pole prohibit attaching small cell equipment



## ALTERNATIVE DESIGN ANALYSIS

SFOK6\_024

APN:

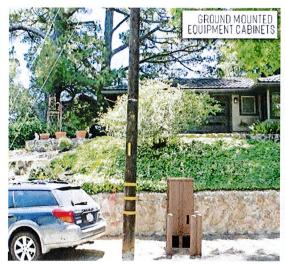
9-702-1-1

LAT/LONG:

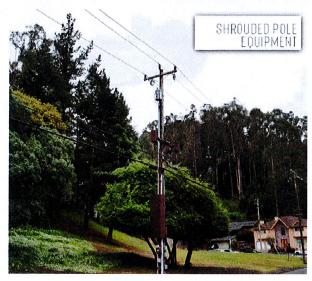
37.8172500, -122.2614700

The project is located in an area with existing commercial structures. AT&T considered alternative monopole designs (see below) in this area but none of these designs are as desirable from a planning perspective or from an aesthetics perspective to minimize visual impacts. The proposed project is in an underserved area.

## Alternative light pole designs considered







## AT&T Mobility • Proposed Small Cell (No. CRAN-RSFR-SFOK6-024) 276 29th Street • Oakland, California

## Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of AT&T Mobility, a personal wireless telecommunications carrier, to evaluate its small cell (No. CRAN-RSFR-SFOK6-024) proposed to be sited in Oakland, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

## **Executive Summary**

AT&T proposes to install an omnidirectional cylindrical antenna on a utility pole sited in the public right-of-way at 276 29th Street in Oakland. The proposed operation will comply with the FCC guidelines limiting public exposure to RF energy.

## **Prevailing Exposure Standards**

The U.S. Congress requires that the Federal Communications Commission ("FCC") evaluate its actions for possible significant impact on the environment. A summary of the FCC's exposure limits is shown in Figure 1. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health. The most restrictive FCC limit for exposures of unlimited duration to radio frequency energy for several personal wireless services are as follows:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5,000–80,000 MHz	$5.00 \text{ mW/cm}^2$	$1.00 \text{ mW/cm}^2$
BRS (Broadband Radio)	2,600	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radi	o) 855	2.85	0.57
700 MHz	700	2.35	0.47
[most restrictive frequency rang	ge] 30–300	1.00	0.20

Power line frequencies (60 Hz) are well below the applicable range of these standards, and there is considered to be no compounding effect from simultaneous exposure to power line and radio frequency fields.

## **General Facility Requirements**

Small cells typically consist of two distinct parts: the electronic transceivers (also called "radios") that are connected to the traditional wired telephone lines, and the passive antennas that send the wireless signals created by the radios out to be received by individual subscriber units. The transceivers are typically mounted on the support pole or placed in a cabinet at ground level, and they are connected to the antennas by coaxial cables. Because of the short wavelength of the frequencies assigned by the



## AT&T Mobility • Proposed Small Cell (No. CRAN-RSFR-SFOK6-024) 276 29th Street • Oakland, California

FCC for wireless services, the antennas require line-of-sight paths for their signals to propagate well and so are installed at some height above ground. The antennas are designed to concentrate their energy toward the horizon, with very little energy wasted toward the sky or the ground. This means that it is generally not possible for exposure conditions to approach the maximum permissible exposure limits without being physically very near the antennas.

## **Computer Modeling Method**

The FCC provides direction for determining compliance in its Office of Engineering and Technology Bulletin No. 65, "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radio Frequency Radiation," dated August 1997. Figure 2 attached describes the calculation methodologies, reflecting the facts that a directional antenna's radiation pattern is not fully formed at locations very close by (the "near-field" effect) and that at greater distances the power level from an energy source decreases with the square of the distance from it (the "inverse square law"). The conservative nature of this method for evaluating exposure conditions has been verified by numerous field tests.

## **Site and Facility Description**

Based upon information provided by AT&T, including drawings by Meridian Management LLC, dated September 26, 2017, it is proposed to install one KMW Model FLT-OM10H2, 2-foot tall, omnidirectional cylindrical antenna, on top of a utility pole sited in the public right-of-way on the north side of 29th Street in Oakland, opposite the intersection with Richmond Avenue. The antenna would employ 2° downtilt and would be mounted at an effective height of about 51 feet above ground. The maximum effective radiated power in any direction would be 1,360 watts, representing simultaneous operation of 700 watts for AWS and 660 watts for PCS service. There are reported no other wireless telecommunications base stations at this site or nearby.

## Study Results

For a person anywhere at ground, the maximum RF exposure level due to the proposed AT&T operation is calculated to be 0.011 mW/cm<sup>2</sup>, which is 0.11% of the applicable public exposure limit. The maximum calculated level at the second-floor elevation of any nearby building is 2.1% of the public exposure limit. It should be noted that these results include several "worst-case" assumptions and therefore are expected to overstate actual power density levels from the proposed operation.

## **Recommended Mitigation Measures**

Due to its mounting location and height, the AT&T antenna would not be accessible to unauthorized persons, and so no mitigation measures are necessary to comply with the FCC public exposure



## AT&T Mobility • Proposed Small Cell (No. CRAN-RSFR-SFOK6-024) 276 29th Street • Oakland, California

guidelines. To prevent occupational exposures in excess of the FCC guidelines, it is recommended that appropriate RF safety training, to include review of personal monitor use, be provided to all authorized personnel who have access to the antenna. No access within 4 feet and at the same height as the AT&T antenna, such as might occur during certain maintenance activities at the top of the pole, should be allowed while the small cell is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. It is recommended that an explanatory sign\* be posted at the antenna and/or on the pole below the antenna, readily visible to persons who might need to work within that distance.

## Conclusion

Based on the information and analysis above, it is the undersigned's professional opinion that operation of the small cell proposed by AT&T Mobility at 276 29th Street in Oakland, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating small cells. Training authorized personnel and posting explanatory signs are recommended to establish compliance with occupational exposure limits.

## **Authorship**

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nos. E-13026 and M-20676, which expire on June 30, 2019. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

November 15, 2017



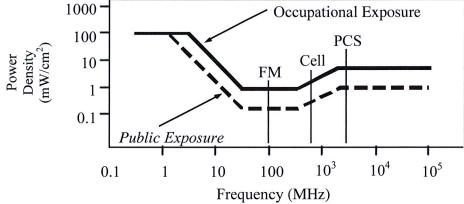
<sup>\*</sup> Signs should comply with OET-65 color, symbol, and content recommendations. Contact information should be provided (*e.g.*, a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter, and guidance from the landlord, local zoning or health authority, or appropriate professionals may be required. Signage may also need to comply with the requirements of California Public Utilities Commission General Order No. 95.

## **FCC Radio Frequency Protection Guide**

The U.S. Congress required (1996 Telecom Act) the Federal Communications Commission ("FCC") to adopt a nationwide human exposure standard to ensure that its licensees do not, cumulatively, have a significant impact on the environment. The FCC adopted the limits from Report No. 86, "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," published in 1986 by the Congressionally chartered National Council on Radiation Protection and Measurements ("NCRP"). Separate limits apply for occupational and public exposure conditions, with the latter limits generally five times more restrictive. The more recent standard, developed by the Institute of Electrical and Electronics Engineers and approved as American National Standard ANSI/IEEE C95.1-2006, "Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," includes similar limits. These limits apply for continuous exposures from all sources and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

As shown in the table and chart below, separate limits apply for occupational and public exposure conditions, with the latter limits (in *italics* and/or dashed) up to five times more restrictive:

Frequency	Electro	Electromagnetic Fields (f is frequency of emission in MHz)						
Applicable Range (MHz)	Field S	Electric Field Strength (V/m)		netic trength /m)	Equivalent Far-Field Power Density (mW/cm <sup>2</sup> )			
0.3 - 1.34	614	614	1.63	1.63	100	100		
1.34 - 3.0	614	823.8/f	1.63	2.19/f	100	$180/f^2$		
3.0 - 30	1842/ f	823.8/f	4.89/ f	2.19/f	$900/ f^2$	$180/f^2$		
30 - 300	61.4	27.5	0.163	0.0729	1.0	0.2		
300 - 1,500	3.54 <b>√</b> f	1.59 <b>√</b> f	<b>√</b> f/106	$\sqrt{f}/238$	f/300	f/1500		
1,500 - 100,000	137	61.4	0.364	0.163	5.0	1.0		



Higher levels are allowed for short periods of time, such that total exposure levels averaged over six or thirty minutes, for occupational or public settings, respectively, do not exceed the limits, and higher levels also are allowed for exposures to small areas, such that the spatially averaged levels do not exceed the limits. However, neither of these allowances is incorporated in the conservative calculation formulas in the FCC Office of Engineering and Technology Bulletin No. 65 (August 1997) for projecting field levels. Hammett & Edison has built those formulas into a proprietary program that calculates, at each location on an arbitrary rectangular grid, the total expected power density from any number of individual radio sources. The program allows for the description of buildings and uneven terrain, if required to obtain more accurate projections.



## **RFR.CALC**<sup>™</sup> Calculation Methodology

## Assessment by Calculation of Compliance with FCC Exposure Guidelines

The U.S. Congress required (1996 Telecom Act) the Federal Communications Commission ("FCC") to adopt a nationwide human exposure standard to ensure that its licensees do not, cumulatively, have a significant impact on the environment. The maximum permissible exposure limits adopted by the FCC (see Figure 1) apply for continuous exposures from all sources and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health. Higher levels are allowed for short periods of time, such that total exposure levels averaged over six or thirty minutes, for occupational or public settings, respectively, do not exceed the limits.

## Near Field.

Prediction methods have been developed for the near field zone of panel (directional) and whip (omnidirectional) antennas, typical at wireless telecommunications base stations, as well as dish (aperture) antennas, typically used for microwave links. The antenna patterns are not fully formed in the near field at these antennas, and the FCC Office of Engineering and Technology Bulletin No. 65 (August 1997) gives suitable formulas for calculating power density within such zones.

For a panel or whip antenna, power density 
$$S = \frac{180}{\theta_{BW}} \times \frac{0.1 \times P_{net}}{\pi \times D \times h}$$
, in mW/cm<sup>2</sup>,

and for an aperture antenna, maximum power density  $S_{max} = \frac{0.1 \times 16 \times \eta \times P_{net}}{\pi \times h^2}$ , in mW/cm<sup>2</sup>,

where  $\theta_{BW}$  = half-power beamwidth of the antenna, in degrees, and

 $P_{net}$  = net power input to the antenna, in watts,

D = distance from antenna, in meters,

h = aperture height of the antenna, in meters, and

 $\eta$  = aperture efficiency (unitless, typically 0.5-0.8).

The factor of 0.1 in the numerators converts to the desired units of power density.

## Far Field.

OET-65 gives this formula for calculating power density in the far field of an individual RF source:

power density 
$$S = \frac{2.56 \times 1.64 \times 100 \times RFF^2 \times ERP}{4 \times \pi \times D^2}$$
, in mW/cm<sup>2</sup>,

where ERP = total ERP (all polarizations), in kilowatts,

RFF = relative field factor at the direction to the actual point of calculation, and

D = distance from the center of radiation to the point of calculation, in meters.

The factor of 2.56 accounts for the increase in power density due to ground reflection, assuming a reflection coefficient of 1.6 ( $1.6 \times 1.6 = 2.56$ ). The factor of 1.64 is the gain of a half-wave dipole relative to an isotropic radiator. The factor of 100 in the numerator converts to the desired units of power density. This formula has been built into a proprietary program that calculates, at each location on an arbitrary rectangular grid, the total expected power density from any number of individual radiation sources. The program also allows for the description of uneven terrain in the vicinity, to obtain more accurate projections.





## **Utility Contact System Search**

The Utility Contact System (UCS) is the Communications Division's database for the primary regulatory contact for each telephone corporation operating in California. The Communications Division sends import regulatory notices to the regulatory contact for each telephone corporation via e-mail, so it is important for primary regulatory contacts to update their UCS record if their e-mail address changes.

Telephone corporations may update UCS contact information using the form on the following page: Carrier Reporting Requirements

A description of the different utility types (granted authorities) are listed on the following page: <u>Utility Type Descriptions</u>

Search Utility Name		Search Utility Number 3060				Search Clear				
Utility Name ▲	Alias (DBA Name)	<b>Utility Number</b>	Street Address	City	State	Zip	Phone Number	Email	Utility Type	CPCN Appr
New Cingular Wireless Pcs, LLC	CINGULAR WIRELESS	3060	430 BUSH STREET	SAN FRANCISCO	CA	94108	(415) 778-1299	att-regulatory-ca@att.com	CEC	12-21-1995
New Cingular Wireless Pcs, LLC	CINGULAR WIRELESS	3060	7405 GREENHAVEN DRIVE	SACRAMENTO	CA	95831	(800) 498-1912	west.region.oopsac@awsmail.att.com	CEC	12-21-1995
New Cingular Wireless Pcs, LLC	CINGULAR WIRELESS	3060	11760 US HIGHWAY ONE, WEST TOWER	NORTH PALM BEACH	FL	33048	770-240-8849		CEC	12-21-1995

Save Search Results as CSV Spreadsheet

Comments & Feedback

CITY OF OAKLAND



Bureau of Planning



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## CITY OF OAKLAND

BLREAU OF PLANNING 240 Fants H. Ogyna Piaza, Suite 2114. Oakland, CA 94612-203 Phore: 510-238-3911 Fax: 510-238-4730 PLANNING COMMISSION PUBLIC NOTICE

Farms Repained: Regular Design Reviews for Macro Telecommunication Facilities in Registered Journal Resistants Journal a Vergovah New Cingular Wireless PCS, LLC (for AT&T) (415)596. this, typic as public reglacionay (sofewalk) adjacent to 255-284 (P.N. 18665, APV. 1894702-901-01).

Zone D-BV-SN. Land (Sw. Community C 1425 5° St (PLN:8072, APN: 064-0673-004-00) am 1530) of the State CEQAA Guidelines. Existing Facilities and 1530; New Construction of Small Structures, Section of Small Structures, Small S Marin Gercia 2 (510) 28-5217 or by email at hood Center Mixed Use: CD

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02/16/2018 13:48:12



## AT&T OPEN HOUSE



AT&T is improving wireless service in Oakland!

We will soon be proposing state-of the-art small cell wireless facilities including antennas, attached to existing utility poles and light poles.

Want to learn more?

Please join us for an open house showcasing AT&T's network, designs, permitting and radio frequency engineering.

Tuesday, January 30th, 2018
Open House–Stop by anytime between 6pm–8pm
Light refreshments served
Temescal Oakland Public Library
5205 Telegraph Ave., Oakland, CA 94609

If you have any questions, please feel free to contact:
oaklandoutreach@vinculums.com
(925) 482-8550



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Monday, January 8th, 2018
Open House–Stop by anytime between 6 –8PM
Light refreshments served
Preservation Park - Nile Hall
1233 Preservation Park Way, Oakland, CA 94612

If you have any questions, please feel free to contact:
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# AT&T Oakland Small Cell Master Plan Map

