



Imperial County Planning & Development Services Planning / Building /

Jim Minnick
DIRECTOR

TO:

Chairman Mike Goodsell
Vice-Chairman Sandy Carver
Commissioner Dennis Logue
Commissioner Kristopher Haugh

FROM:

Jim Minnick, Secretary
Planning & Development Services Director

SUBJECT:

Public Hearing for the consideration of a proposed 70-foot tall communications tower (Conditional Use Permit #19-0008) located at 2095 Hwy 111, El Centro CA (APN 044-460-032-000) to determine Consistency with the Airport Land Use Compatibility Plan (ALUCP). [Isabel Patten, Planner II] (**ALUC 02-19**)

DATE OF REPORT:

August 21, 2019

AGENDA ITEM NO:

1

HEARING DATE:

August 21, 2019

HEARING TIME:

6:00 p.m.

HEARING LOCATION:

County Administration Center
Board of Supervisors Chambers
940 Main Street
El Centro, CA 92243

STAFF RECOMMENDATION

It is Staff's recommendation that the Airport Land Use Commission finds the proposed 70-foot telecommunications tower to be consistent with the 1996 Airport Land Use Compatibility Plan.

SECRETARY'S REPORT

Project Location:

The proposed telecommunications tower will be located at 2095 Hwy 111, El Centro, CA, approximately 1.2 miles northeast of the City of El Centro, west of Highway 111 and north of Evan Hewes Hwy; APN 044-460-032-000, (See attached "A" site Vicinity Map).

The specific location of the proposed project site is not found within any airport compatibility zone, as established in the 1996 Airport Land Use Compatibility Plan.

Project Description:

The applicant, AT&T, is proposing to install a 70-foot, telecommunications tower (mono-eucalyptus tree) with shelter, antennas and ancillary equipment. The new tower will be co-locatable.

The project will also include the installation of twelve (12) panel antennas, twenty-four (24) remote radio units (RRU), three (3) Wireless Communications Service (WCS) filters by the antenna area, seven (7) surge protectors, one (1) Global Positioning System (GPS) antenna, two (2) fiber cable trunks and eight (8) direct current (DC) power cable trunks, along with the installation of a new 200 amperage electrical service.

The entire parcel is approximately 23.67 acres, however, AT&T will be leasing an area of 397 square feet from the owner for the proposed tower site. The tower is proposed on southwest corner of the concrete slab located at rear of the two Granite Construction Company buildings. The site will consist of one mono-eucalyptus tree and a State of California approved shelter. A chain-link fence is already installed around the entire perimeter of the parcel (23.67 acres) and no chain-link fence will be required around the leased 397 square foot area.

General Plan/ALUCP Analysis:

The proposed telecommunications tower is located in the El Centro urban area and is not located near any County Public Airport or airstrip. The nearest Airport is the Imperial County airport which is located about 4 miles northwest of the project site.

The project site is zoned M-2-U (Medium Industrial) per the Imperial County Land Use Ordinance Title 9.

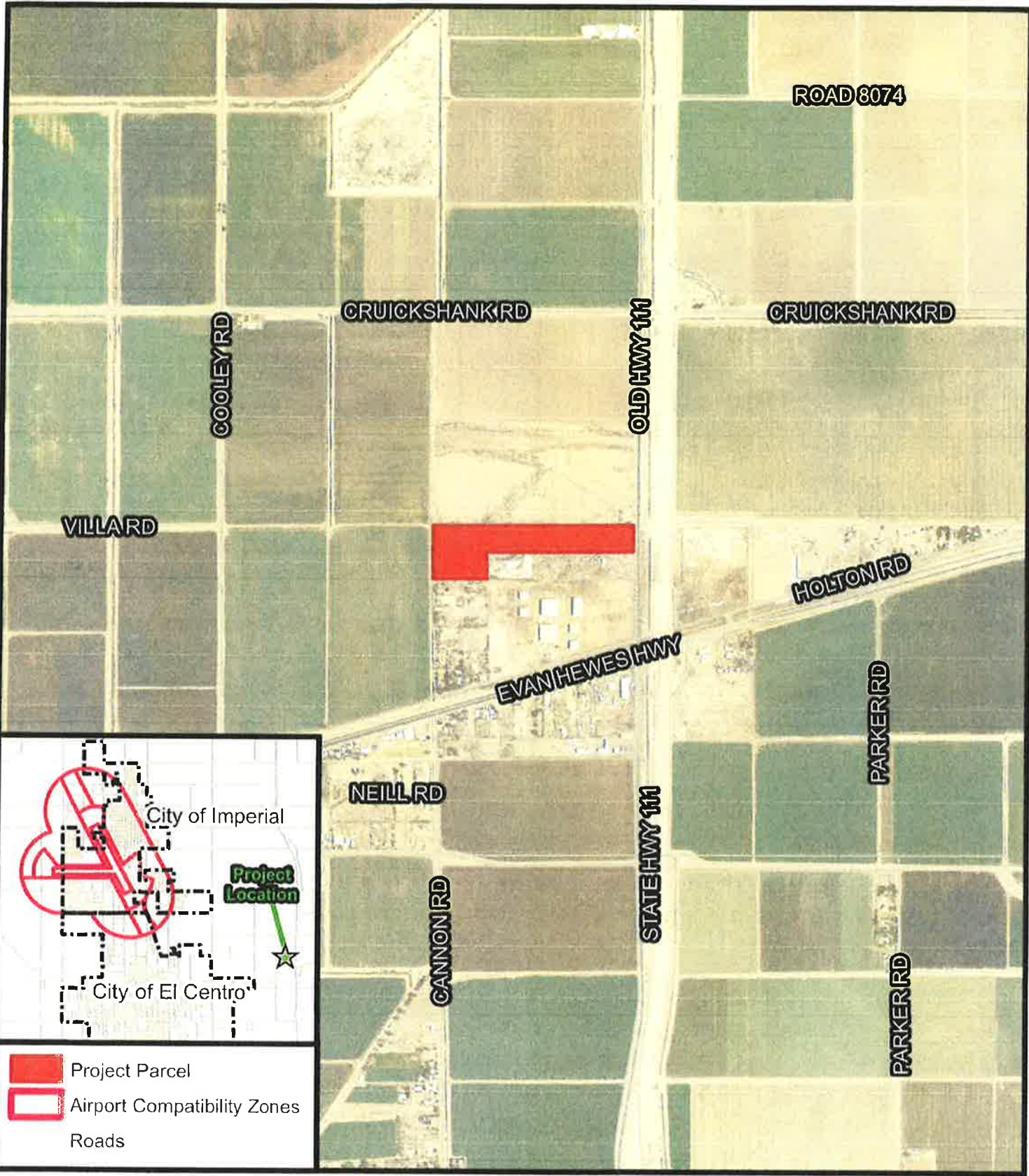
The Airport Land Use Compatibility Plan (ALUCP), Chapter 2, Policies, Section 2.3.1, provides "Types of Actions Reviewed" by the Commission, which shall include:

"Any other proposed land use action, as determined by the local planning agency, involving a question of compatibility with airport activities" (Section 2.1.3.3h, pg. 2-4)

The proposed conditional use permit has been submitted for the Airport Land Use Commission's review and determination of consistency with the 1996 Airport Land Use Compatibility Plan (ALUCP) due to the nature of the application (telecommunications tower).

S:\APN\044\460\032\CUP19-0008\ALUC\CUP19-0008 ALUC Staff Report 06.21.19.doc

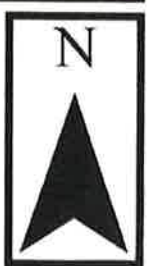
A. Vicinity Map



-  Project Parcel
-  Airport Compatibility Zones
-  Roads



IMPERIAL COUNTY AIRPORT LAND USE COMMISSION
ALUC #02-19
GRANITE CONSTRUCTION CO.
APN #044-460-032



B. Project

CONDITIONAL USE PERMIT

I.C. PLANNING & DEVELOPMENT SERVICES DEPT.
801 Main Street, El Centro, CA 92243 (760) 482-4236

- APPLICANT MUST COMPLETE ALL NUMBERED (black) SPACES - Please type or print -

1. PROPERTY OWNER'S NAME GRANITE CONSTRUCTION CO.		EMAIL ADDRESS	
2. MAILING ADDRESS (Street / P O Box, City, State) PO BOX 50085 WATSONVILLE CA		ZIP CODE 95077	PHONE NUMBER
3. APPLICANT'S NAME PAUL HOKENESS		EMAIL ADDRESS phokeness@deprattinc.com	
4. MAILING ADDRESS (Street / P O Box, City, State) 7990 NEW SALEM ST. SD. CA		ZIP CODE 92126	PHONE NUMBER 858 231 8889
4. ENGINEER'S NAME TMG / MIKE SHAW		CA. LICENSE NO. C-19797	EMAIL ADDRESS EDGAR.0872@TELECOMM.COM
5. MAILING ADDRESS (Street / P O Box, City, State) 14955 AVENIDA VENUSD 8 SD. CA		ZIP CODE 92128	PHONE NUMBER 858. 248. 7678
6. ASSESSOR'S PARCEL NO. 044-460-032		SIZE OF PROPERTY (in acres or square foot) 23.67 ACRES	ZONING (existing) MZU
7. PROPERTY (site) ADDRESS 2095 HWY 111 EL CENTRO CA. 92245			
8. GENERAL LOCATION (i.e. city, town, cross street) NW OF E. EVAN HEWES HWY AND HWY 111			
9. LEGAL DESCRIPTION TRACT # 40: AB DESCRIPTION CITY/EL CENTRO TR#40 POR PAR 80-A-11A 80 OF PAR 1 PM 1312 OF TR 40 IS-14 23.67 AC / MINI / TWP EL CENTRO			

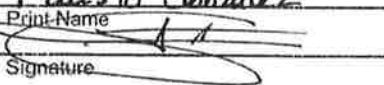
PLEASE PROVIDE CLEAR & CONCISE INFORMATION (ATTACH SEPARATE SHEET IF NEEDED)

10. DESCRIBE PROPOSED USE OF PROPERTY (list and describe in detail)	ATT PROPOSES TO BUILD AND MAINTIAN A WIRELESS TELE. COM CELL SITE AT SUBJECT ADDRESS
11. DESCRIBE CURRENT USE OF PROPERTY	MZU - CONSTRUCTION YARD
12. DESCRIBE PROPOSED SEWER SYSTEM	N/A - NO SEWER
13. DESCRIBE PROPOSED WATER SYSTEM	N/A - NO NEW WATER
14. DESCRIBE PROPOSED FIRE PROTECTION SYSTEM	N/A - OUT DOOR EQ.
15. IS PROPOSED USE A BUSINESS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF YES, HOW MANY EMPLOYEES WILL BE AT THIS SITE? 0 - UNMANNED

I / WE THE LEGAL OWNER (S) OF THE ABOVE PROPERTY CERTIFY THAT THE INFORMATION SHOWN OR STATED HEREIN IS TRUE AND CORRECT.

REQUIRED SUPPORT DOCUMENTS

A. SITE PLAN	_____
B. FEE	5,500.
C. OTHER	_____
D. OTHER	_____

Fausto Gonzalez
Print Name

Signature

Print Name

Signature

4-29-19
Date
Project Manager, Granite

APPLICATION RECEIVED BY: _____
APPLICATION DEEMED COMPLETE BY: _____
APPLICATION REJECTED BY: _____
TENTATIVE HEARING BY: _____
FINAL ACTION: APPROVED DENIED

DATE **4/29/2019**
DATE _____
DATE _____
DATE _____
DATE _____
REVIEW / APPROVAL BY OTHER DEPT'S required.
 P. W.
 E. H. S.
 A. P. C. D.
 O. E. S.

CUP #
19-0008

TO WHOM IT MAY CONCERN

ATT+T PLANS TO PERSUE A
UNMANNED WIRELESS COMM SITE
AT 2095 HWY 111, EL CENTRO, CA 92242
AT GRANITE CX. COMPANY.

I UNDERSTAND THIS
PROJECT COULD BE DENIED
DURING ZONING REVIEW PER
THE TOWER ORG. REQUIREMENTS
PER THE ADJACENT CODE
AND TOWER SPACING

PAUL HOKENESS

4/29/19



ATT+T PM.



May 31 2019

The Imperial County Planning and Development Services Department

RE: AT&T Site: CUP #19-0008 APN 044-460-032
AT&T Site Address: 2095 HWY 111 El Centro CA

To Whom It May Concern:

Per the Imperial County Land Use Ordinance Title 9, Division 24 Chapter 9, Section 92409.01

The subject Project. CUP #19-0008 APN 044-460-032 CAL02227 Anza Cell Site
This Proposed Mono Eucalyptus Tree / Fuax Tower will be made to handle additional carriers. Please refer to Page Z5 and Z6 of submitted Zoning Drawings currently with County and or on Following page.

Please feel free to contact me with any questions. Thank you for your assistance.

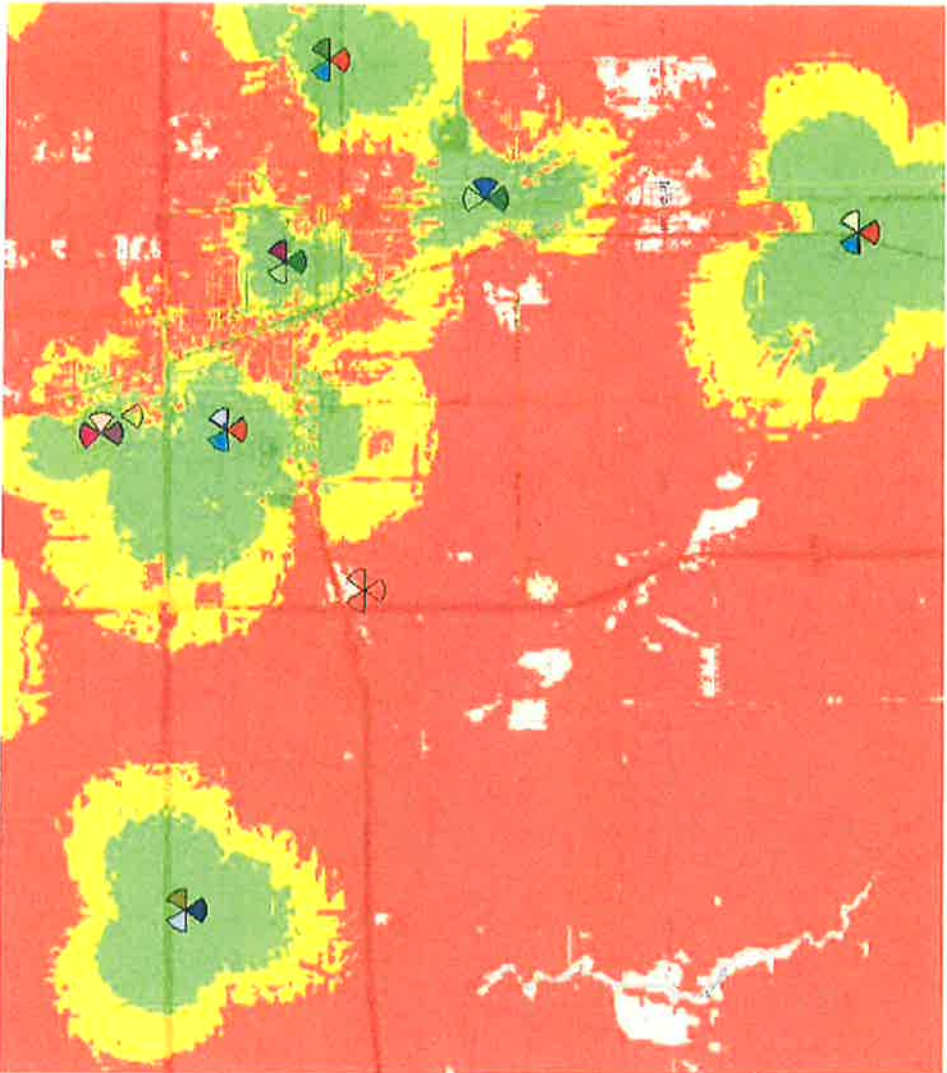
Sincerely,

Paul Hokeness
Project Manager
858-231-8889
phokeness@deprattiinc.com

AT&T Mobility - San Diego
7337 Trade Street, 3East, Room 3684
San Diego, CA 92121-4202

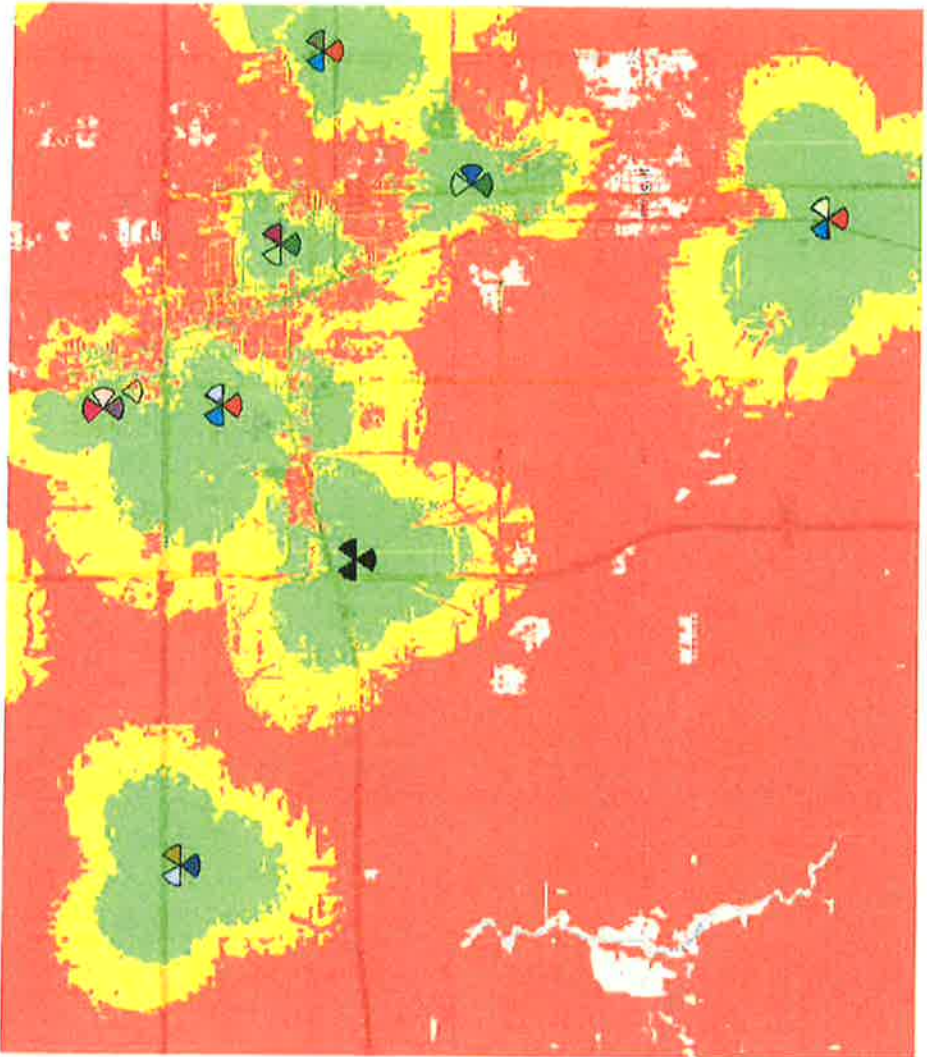


CAL02227 Existing Coverage @ Without Candidate



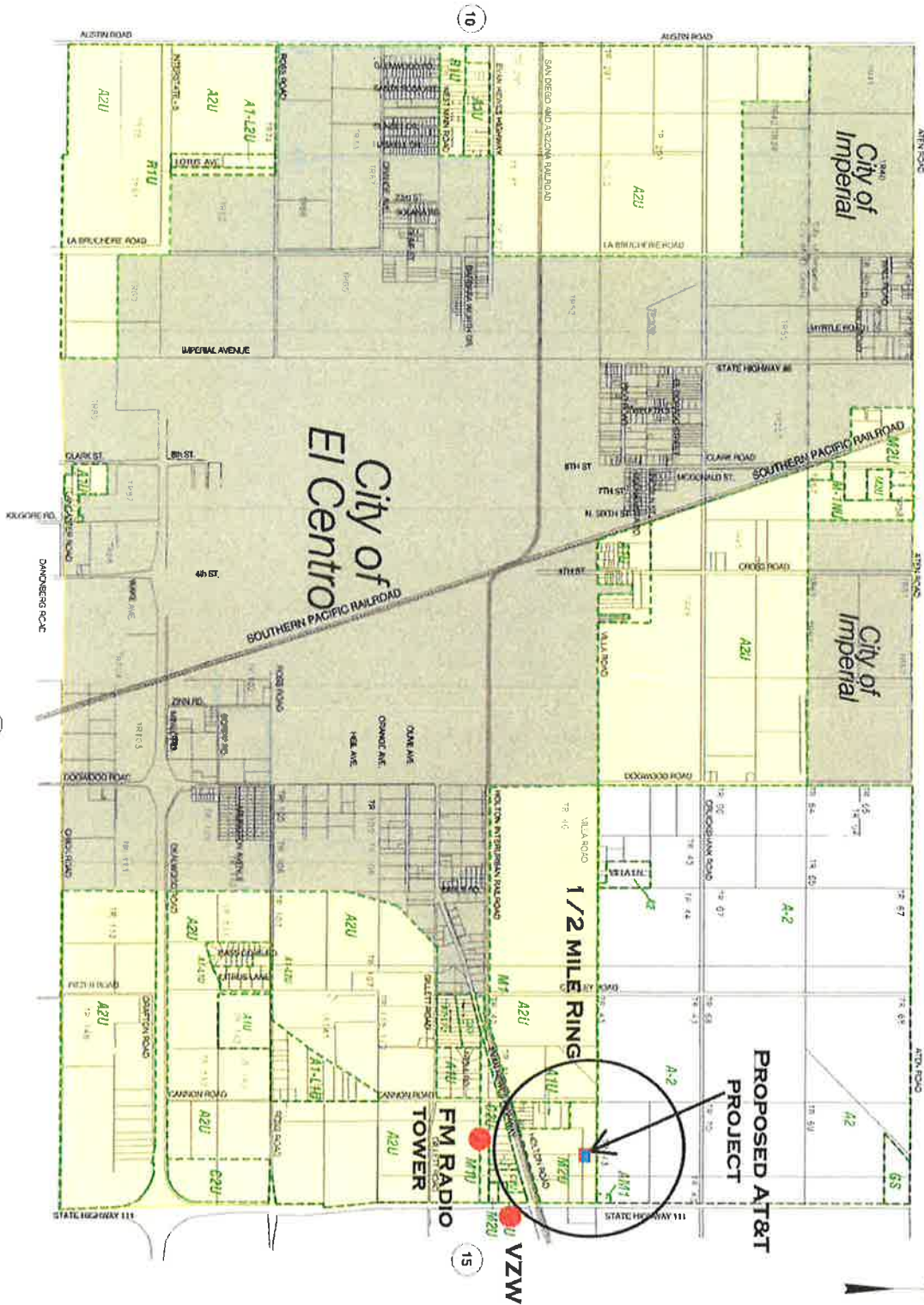


CAL02227 Planned Coverage



Green	-90	Good
Yellow	-98	Fair
Red	-108	Poor

Urban Area



Adopted Notes:
 1. The zoning map is subject to change without notice.
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NOT: Efforts have been made to insure zoning accuracy; however, this map may be revised at any time. Therefore this map is generally accurate, for zoning information only! Neither the County of Imperial nor the Planning/Building Department are responsible for erroneous information or improper use of this map.
 Adopted by M. O. # 19 (a) on Mar. 31, 1998 effective July 1, 1998. Director _____

EL CENTRO AREA

Title 9 Division 25 Section 92501.00

Revision Dates:	
March 6, 2002	Map Correction
April 1, 2003	Map Correction
Sept. 13, 2004	Map Correction
Dec 21, 2005	Map Correction
Dec 21, 2005	Map Correction
Feb 25, 2008	Map Correction

MAP 1

K:\ZONING\MAPS\ZONE1.DWG



at&t

CAL022227
ANZA
2095 HWY 111, EL CENTRO, CA 92243



LOCATION



EXISTING



PROPOSED



TELECOM
MANAGEMENT GROUP
Solutions Drive Results

SITE LOCATION:

LATITUDE: 32° 48' 11.34" N
LONGITUDE: 115° 30' 10.78" W

CONTENT:

PHOTO SIMULATION
MAP LOCATION
EXISTING AND PROPOSED

ORIENTATION:

VIEW SOUTHEAST
LOOKING NORTHWEST

1

2



at&t

CAL022227

ANZA

2095 HWY 111, EL CENTRO, CA 92243



LOCATION



EXISTING

PROPOSED



TELECOM
MANAGEMENT GROUP
Solutions Born Right

SITE LOCATION:

LATITUDE: 32° 48' 11.34" N
LONGITUDE: 115° 30' 10.78" W

CONTENT:

PHOTO SIMULATION
MAP LOCATION
EXISTING AND PROPOSED

ORIENTATION:

VIEW NORTHEAST
LOOKING SOUTHWEST

2 / 2





CAL02227 ANZA AT&T

CUP #19-0008: APN 044-460-032 :
2095 HWY 111 , EL CENTRO CA 92243



CUP #19-0008: APN 044-460-032 : 2095 HWY 111 , EL CENTRO CA 92243

SUBJECT: CONDITIONAL USE PERMIT #19-0008; APN 044-460-032; 2095 HWY 111, EL CENTRO CA 92243.

Dear Mr. Hokeness

The Imperial County Planning & Development Services Department (ICPDS) received the above referenced application package on April 29, 2019, for a proposed new 70 foot wireless telecommunication cell site in 2095 Hwy 111, El Centro, CA. The property is identified as Assessor's Parcel Number 044-460-032-000, and is legally described as POR PAR 80-A LLA 80 OF PAR 1 PM 1312 OF TR 40 15-14.

After review of the initial application and supporting documentation, it was determined that the information provided is not sufficient to continue with the review process. In order to proceed, the following information shall be submitted:

Per the Imperial County Land Use Ordinance, Title 9, Division 24, Chapter 9, Section 92409.01, the application package shall include the following:

- An original signed copy of Notice to Applicant of Payment of fees
- Legal description of the leased parcel and a copy of the lease agreement
- Plans showing setback distance between the proposed tower and the nearest residential unit, platted residentially zoned properties, and unplatted residentially zoned properties
- The separation distance from other towers described in the inventory of existing sites shall be shown on an updated site plan or map. The applicant shall also identify the type of construction of the existing tower and the owner/operator of the existing tower, if known
- Plans showing the method of fencing, finishing color, method of camouflage and illumination
- A description of the suitability of the use of existing towers, other structure or alternative technology not requiring the use of towers or structures; and
- A notarized statement by the applicant as to whether the construction of the tower will accommodate the co-location of additional antennas for future users.



There are 3 Towers within the Vicinity of Proposed AT&T Tower

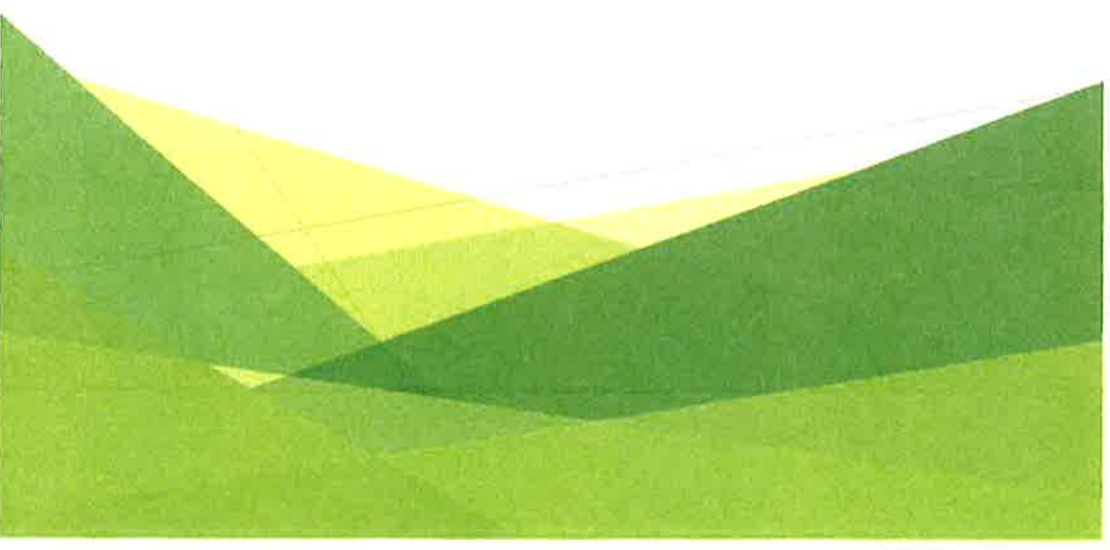
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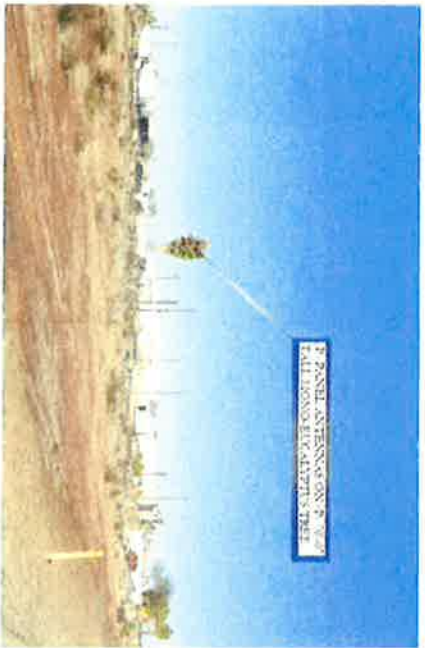


Map / Legend of Nearby Towers

- A. AT&T Proposed
- B. AM/FM Tower To NE
- C. VZW Tower To Se
- D. AM/FM Bi-Lingual Radio Tower To South

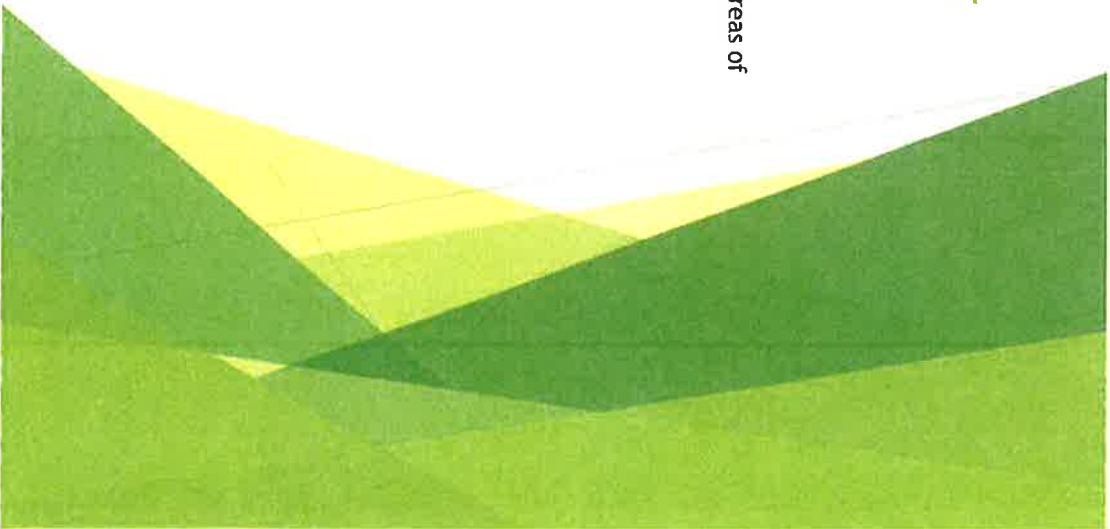


CAL02227
ANZA
2095 HWY 111, EL CENTRO, CA 92243



Proposed Tower "A" AT&T CAL02227 Anza

▶ AT&T Propose to Better Serve to Areas of
Intersection S-80 and HWY 111



CONCLUSION

On behalf of AT&T this proposed location is the best possible location to locate a new Tower.

This tower will be co-locatable x3 and is in close proximity to the desired area to cover with the AT&T wireless customers in mind. This is a busy intersection and AT&T transmits the FNET or First Responders Network. Police, Fire and Ambulance use this FNET Service throughout the SW portion of the USA.

The other Towers are out of the Coverage objective, not safe and economically not a feasible option.

Thank you for your attention and understanding.

Best Regards

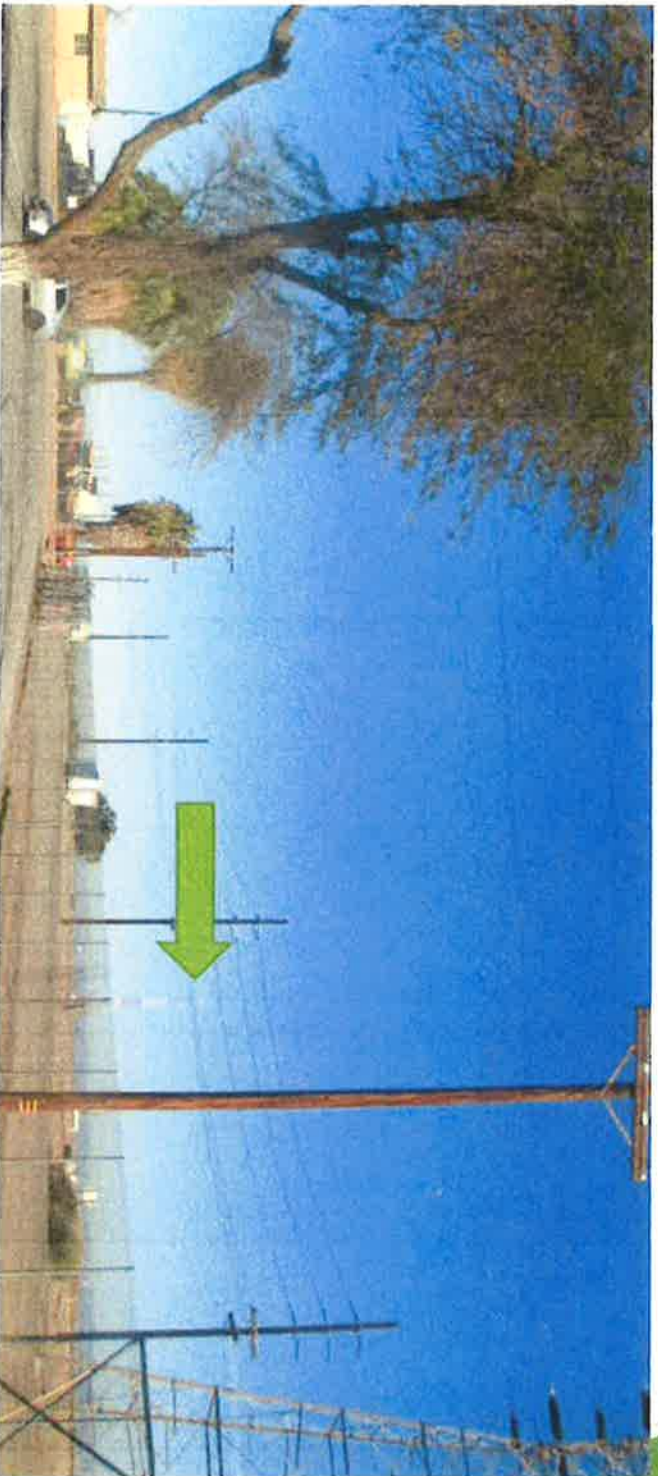
Paul Hokeness



Paul Hokeness

(858)231-8889

phokeness@deprattinc.com



#B LOCATION AM/FM TOWER TO NE

THIS IS AN ACTIVE AM/FM TOWER AND STRUCTURALLY CAN NOT BE USED NOR DO THE FREQUENCIES ALLOW A CO-LO AT THIS LOCATION.

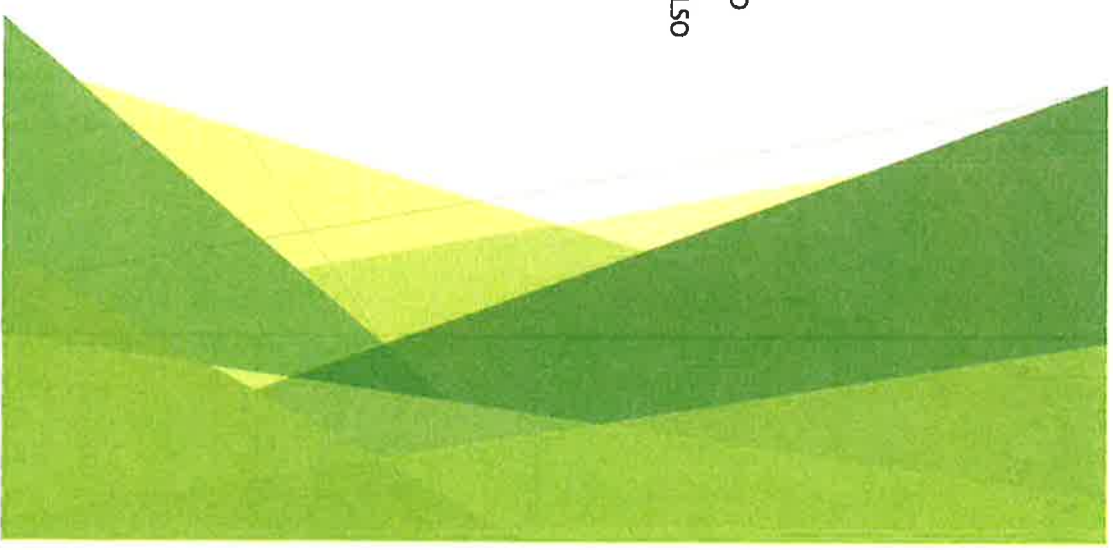
THIS LOCATION IS APPROXIMATELY 3/4 OF A MILE TO THE NORTH EAST

#C LOCATION VZW TOWER TO SOUTH EAST @ 1990 HWY 111



▶ THIS TOWER WAS LOOKED AT AND AFTER A FIELD STUDY BY A&E AND STRUCTURAL ENGS WAS DEEMED UNSAFE TO ATTACH THE AT&T ANTENNAS AND RADIOS DUE TO STRUCTURAL CONCERNS. THERE IS ALSO NO LOCATION AVAILBLE AT DESIRED RAD CENTER OF THIS TOWER.

▶ THE TOWER IS LOCATED APPROX 1/2 MILES TO THE SOUTHEAST.





**#D LOCATION KUBO 88.7 FM RADIO BILINGUE @ 361 E EVEN HEWES
HWY. EL CENTRO CA 92243**

THIS IS AN ACTIVE AM/FM TOWER AND STRUCTURALLY CAN NOT BE USED NOR DO THE FREQUENCIES ALLOW A CO-LO AT THIS LOCATION. AN EXTENSIVE STUDY WAS DONE AT THIS LOCATION AND THE SUMMARY OF REPORT IS SHOWN ON FOLLOWING PAGE. THIS TOWER IS CURRENTLY OVER STRESSED WITH ITS CURRENT LOADING.

THE TOWER IS LOCATED APPROX 1/4 MILES TO THE SOUTH



Date: October 29, 2018

PROJECT INFORMATION

114-224-G and 2016 California Building Code
Bishop's second guest w/OTC (A.S.D.)

Site Number: CA102222
Site Name: Area E Camp
Address: 361 East Swan Highway, E Center, CA

Analysis Objective: The purpose of this analysis is to determine the ability of an existing 250'-x-14'- tall lattice to support the existing appearance configuration and to perform a feasibility analysis of the addition of proposed AT&T antennas and equipment. The loading configurations are combined with the analysis

ORIGINAL TOWER ANALYSIS RESULTS

Member	Capacity	Result
Support Column	107.4%	Pass
Anchor Rods	100%	Pass
Foundation	74.7%	Pass

PROPOSED AT&T LATTICE TOWER ANALYSIS RESULTS

Member	Capacity	Result
Support Column	170.0%	Fail
Anchor Rods	149%	Fail
Foundation	132.7%	Fail

ASSUMPTIONS
Inasmuch as an existing structure requires that certain assumptions be made regarding existing conditions, and because the assumptions cannot be verified without incurring additional cost, or destroying otherwise valuable or serviceable portions of the structure, the Engineer cannot be held liable for existing conditions that were not exposed. The Engineer has not visited the site to verify the structural information provided to us or to visually assess the condition of the monopole.

The information in this letter represents professional opinions that have been developed using a degree of care and skill ordinarily exercised under similar circumstances by geotechnical engineers practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional advice included in this letter.

CONCLUSION

Based on field observations and measurements, review of a partial original drawing, and a rigorous structural analysis, our opinion is that the tower is currently loaded to its capacity. The addition of additional antennas and equipment would require the following:

1. Strengthening of the existing tower legs from the base to 140 feet.
2. Commission a geotechnical report to verify the existing soil values.
3. Modify the foundation, based on the geotechnical report findings.
4. Modify the base plate to accommodate an increase number of anchors.

361 170 Peninsula Way, Suite 402, Lake Forest, CA 92550
Tel: 949.275.5339 Fax: 949.457.9275

- ▶ Tower is 103% stressed under current loading. AT&T antennas push it up to 150% stressed (50% overstressed). This SA report recommends a complete take down and rebuild.
- ▶ This tower replacement is not possible per the landlord
- ▶ This Tower Is not a viable possibility.
- ▶ This Tower SA Report is available upon request..
- ▶ This tower has cost AT&T over \$75,000.00 on studies and field work to date.



SITE & PHOTO SURVEY

AT&T PROPOSED CELL SITE CAL02227 ANZA

2095 HWY 111 EL CENTRO CA 92243



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Page 7	View #4
Page 8	View #5
Page 9	View #6
Page 10	View #7
Page 11	View #8
Page 12	View #9
Page 13	View #10

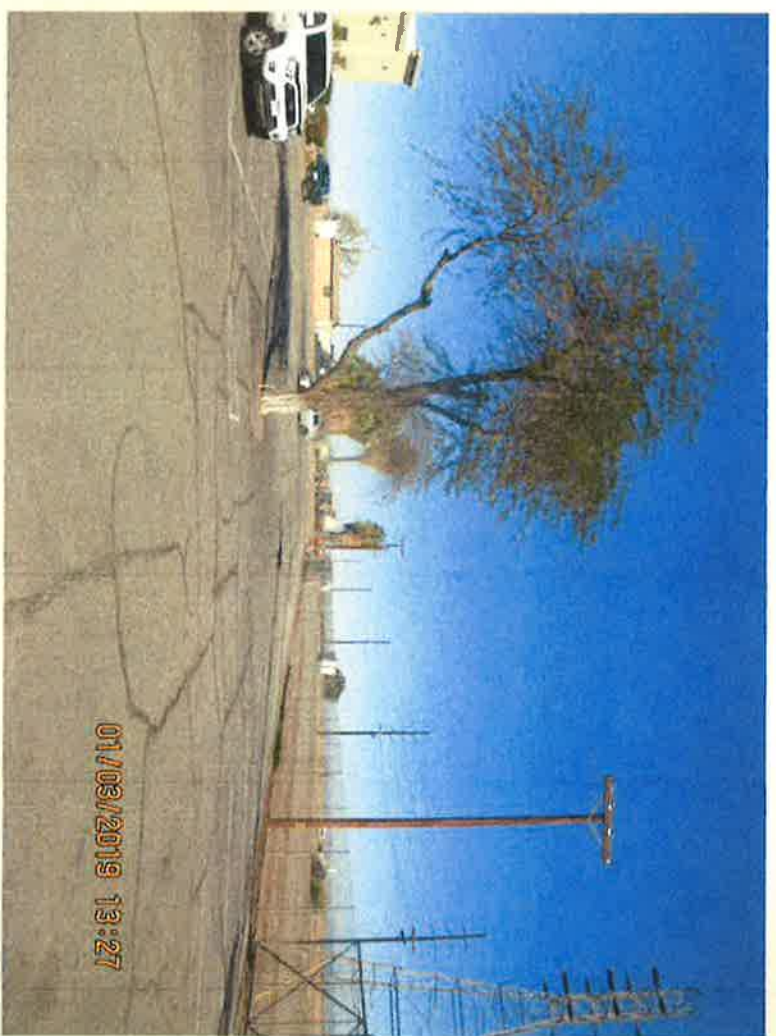
SITE MAP TRUE NORTH UP



Old Highway 111

View # 1

Photo Taken from East Parking Lot
near HWY 111
Looking North



View Looking East a



View Looking South
View #3



01/03/2019 13:27

**View Looking Was Site View
#4**



**On Site Telco Present
View #4**



Onsite Power (IID) available
View #5



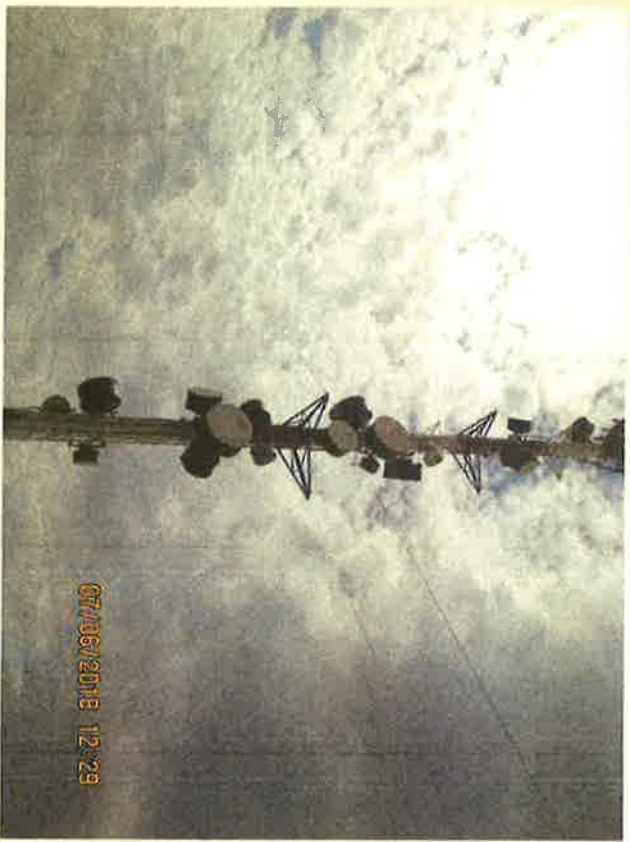
Looking West at Proposed Cell
Location

View #6

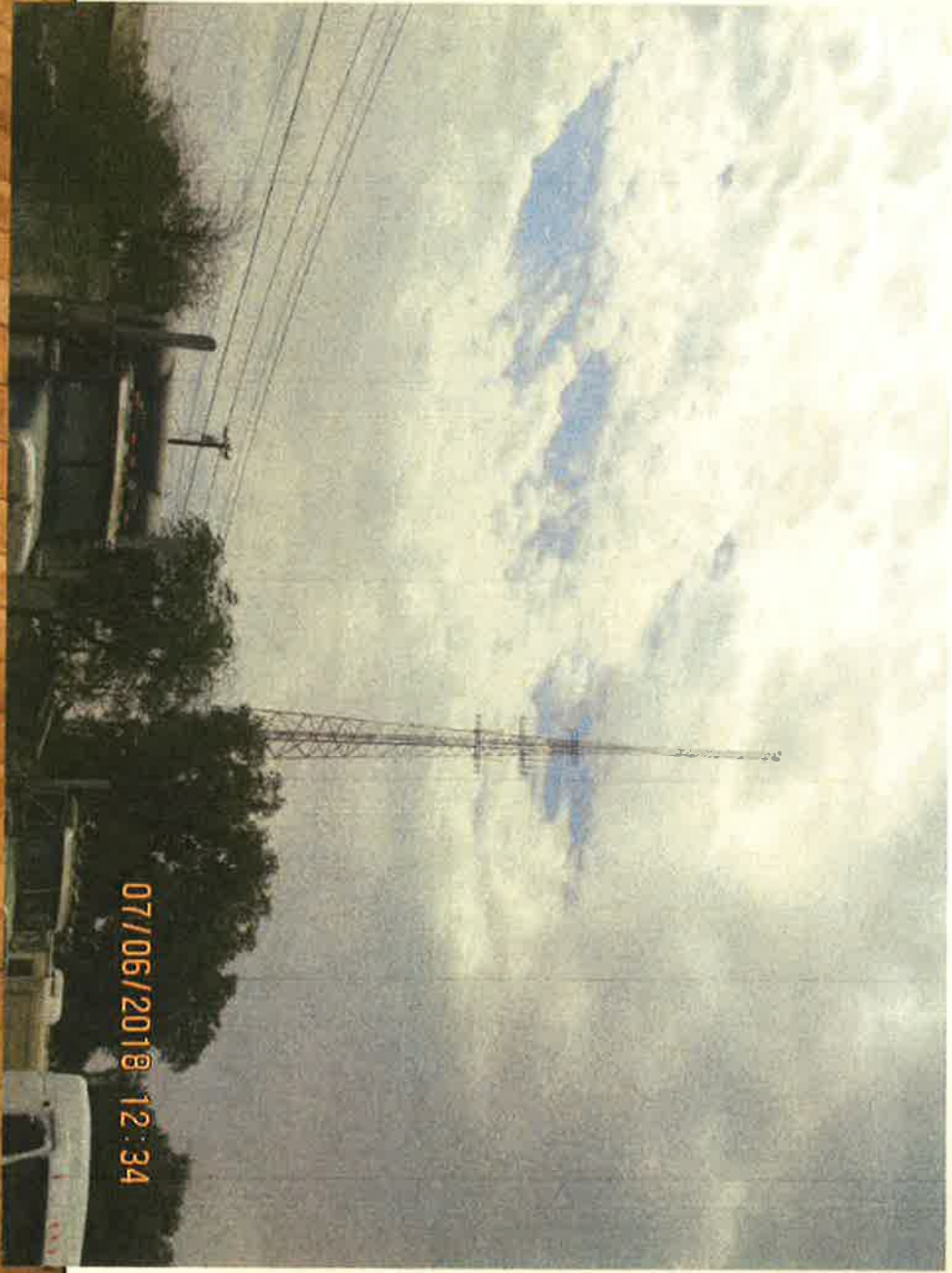


01/03/2019 13:27

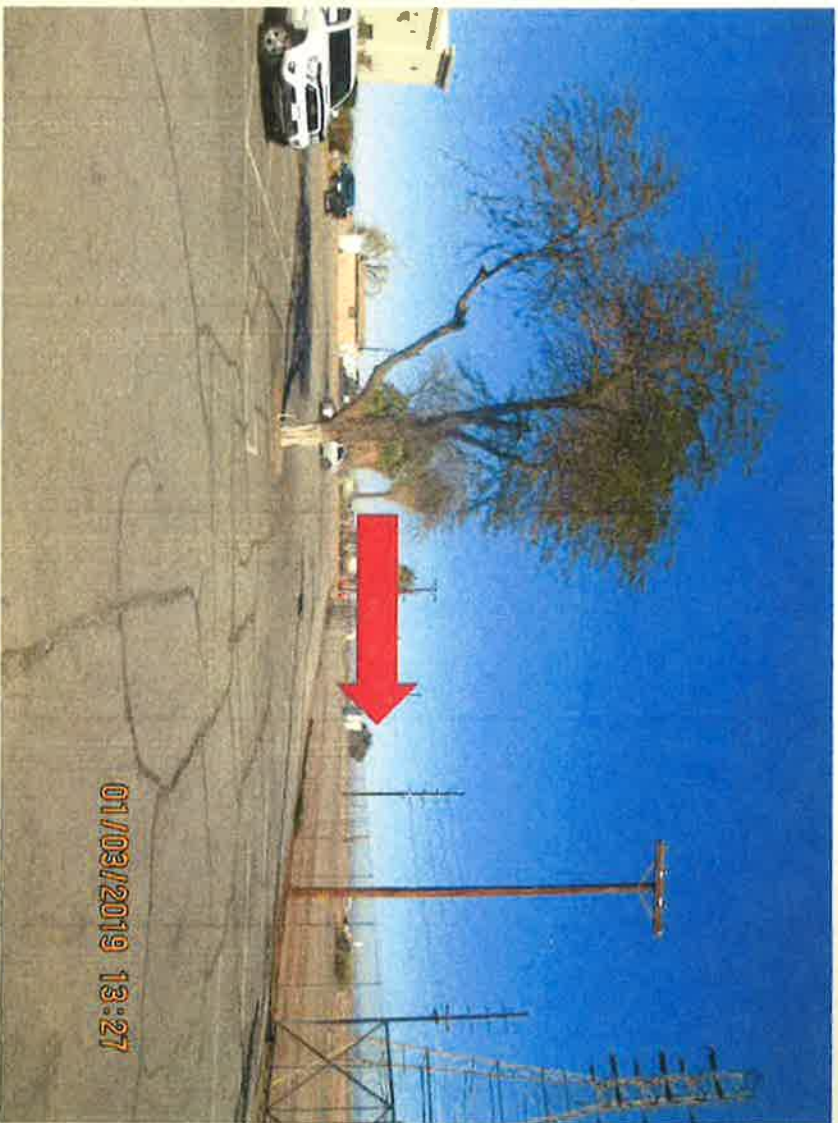
**View Looking at Near Tower
Over stressed. CO-LO Not
possible.**



**View of Nearby
Tower , Tower Failed
Structural –**



Looking North at Nearby Tower,
Tower is a AM Tower and Can not be
used as a Co-Lo. It would also fail a
Structural Test.



CODE COMPLIANCE

THE FOLLOWING REGULATIONS ARE APPLICABLE TO THIS PROJECT:
 1. CALIFORNIA CIVIL RIGHTS ACT, TITLE 29, CHAPTER 1, SECTION 101
 2. CALIFORNIA ENVIRONMENTAL QUALITY ACT, TITLE 21, CHAPTER 5, SECTION 18000-18010
 3. CALIFORNIA LABOR CODE, TITLE 29, CHAPTER 1, SECTION 1000
 4. CALIFORNIA HEALTH AND SAFETY CODE, TITLE 17, CHAPTER 151, SECTION 15100-15110
 5. CALIFORNIA PUBLIC EMPLOYEES' GRIEVANCE ACT, TITLE 29, CHAPTER 1, SECTION 1000
 6. CALIFORNIA PUBLIC EMPLOYEES' LABOR RELATIONS ACT, TITLE 29, CHAPTER 1, SECTION 1000
 7. CALIFORNIA PUBLIC EMPLOYEES' LABOR RELATIONS ACT, TITLE 29, CHAPTER 1, SECTION 1000
 8. CALIFORNIA PUBLIC EMPLOYEES' LABOR RELATIONS ACT, TITLE 29, CHAPTER 1, SECTION 1000
 9. CALIFORNIA PUBLIC EMPLOYEES' LABOR RELATIONS ACT, TITLE 29, CHAPTER 1, SECTION 1000
 10. CALIFORNIA PUBLIC EMPLOYEES' LABOR RELATIONS ACT, TITLE 29, CHAPTER 1, SECTION 1000

PROJECT DESCRIPTION

THIS PROJECT IS A NEW WIRELESS COMMUNICATION FACILITY.
 THE SCOPE OF WORK IS AS FOLLOWS:
 1. DESIGN AND CONSTRUCTION OF A NEW WIRELESS COMMUNICATION FACILITY.
 2. OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 3. INSTALLATION AND TESTING OF ALL EQUIPMENT.
 4. OPERATION OF THE FACILITY FOR A PERIOD OF 30 DAYS.
 5. REMOVAL OF ALL EQUIPMENT AND RESTORATION OF THE SITE TO ORIGINAL CONDITION.
 6. COMPLETION OF ALL DOCUMENTATION AND RECORDS.

SITE INFORMATION

PROJECT NAME: 924 RIVER ST. A
ADDRESS: 924 RIVER ST., BLDG 200
 WASHINGTON, CA 92224
CITY: WASHINGTON, CA 92224
COUNTY: SAN DIEGO, CA 92121
STATE: CALIFORNIA, CA 92121
OWNER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
DATE: 11/14/11
SCALE: 1" = 400'
DATE: 11/14/11
SCALE: 1" = 400'
DATE: 11/14/11
SCALE: 1" = 400'

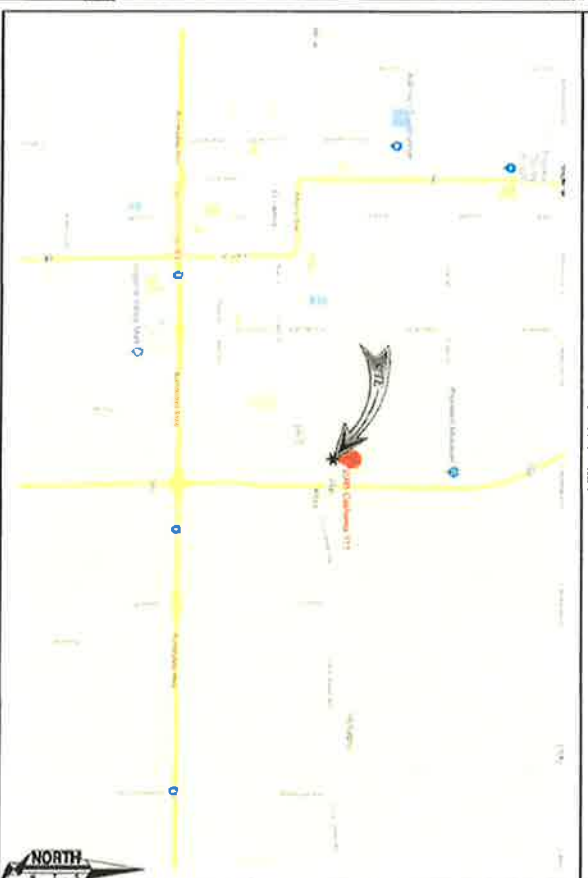
PROJECT TEAM

PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY
PROJECT MANAGER: AT&T INTELLECTUAL PROPERTY



ANZA
SITE NUMBER: CAL02227
NEW SITE BUILD

FA NUMBER: 14639473
 2095 HWY 111
 EL CENTRO, CA 92243



DRIVING DIRECTIONS FROM AT&T OFFICE
 FROM AT&T OFFICE: SOUTH ON HWY 151 TO WASHINGTON STREET, LEFT ON WASHINGTON STREET TO RIVER STREET, RIGHT ON RIVER STREET TO THE SITE.

GENERAL NOTES

THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN AT ALL TIMES SHALL BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS AND ORDINANCES.

APPROVALS

AT&T PROJECT:	DATE:
AT&T PROJECT MANAGER:	DATE:
CITY WORKER:	DATE:
PLANNING:	DATE:
SITE ACQUISITION:	DATE:
SITE OWNER:	DATE:

DRAWING INDEX

SHEET NO.	SHEET TITLE
1	SITE PLAN
2	GENERAL NOTES
3	ELECTRICAL
4	MECHANICAL
5	PLUMBING
6	STRUCTURAL
7	ENVIRONMENTAL
8	LANDSCAPE
9	TRAFFIC
10	UTILITIES
11	CONCRETE
12	IRONWORK
13	PAINT
14	FURNITURE
15	FINISHES
16	MECHANICAL
17	ELECTRICAL
18	PLUMBING
19	STRUCTURAL
20	ENVIRONMENTAL
21	LANDSCAPE
22	TRAFFIC
23	UTILITIES
24	CONCRETE
25	IRONWORK
26	PAINT
27	FURNITURE
28	FINISHES
29	MECHANICAL
30	ELECTRICAL
31	PLUMBING
32	STRUCTURAL
33	ENVIRONMENTAL
34	LANDSCAPE
35	TRAFFIC
36	UTILITIES
37	CONCRETE
38	IRONWORK
39	PAINT
40	FURNITURE
41	FINISHES
42	MECHANICAL
43	ELECTRICAL
44	PLUMBING
45	STRUCTURAL
46	ENVIRONMENTAL
47	LANDSCAPE
48	TRAFFIC
49	UTILITIES
50	CONCRETE
51	IRONWORK
52	PAINT
53	FURNITURE
54	FINISHES
55	MECHANICAL
56	ELECTRICAL
57	PLUMBING
58	STRUCTURAL
59	ENVIRONMENTAL
60	LANDSCAPE
61	TRAFFIC
62	UTILITIES
63	CONCRETE
64	IRONWORK
65	PAINT
66	FURNITURE
67	FINISHES
68	MECHANICAL
69	ELECTRICAL
70	PLUMBING
71	STRUCTURAL
72	ENVIRONMENTAL
73	LANDSCAPE
74	TRAFFIC
75	UTILITIES
76	CONCRETE
77	IRONWORK
78	PAINT
79	FURNITURE
80	FINISHES
81	MECHANICAL
82	ELECTRICAL
83	PLUMBING
84	STRUCTURAL
85	ENVIRONMENTAL
86	LANDSCAPE
87	TRAFFIC
88	UTILITIES
89	CONCRETE
90	IRONWORK
91	PAINT
92	FURNITURE
93	FINISHES
94	MECHANICAL
95	ELECTRICAL
96	PLUMBING
97	STRUCTURAL
98	ENVIRONMENTAL
99	LANDSCAPE
100	TRAFFIC



NOTE: PROJECT OWNER TO PROVIDE ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

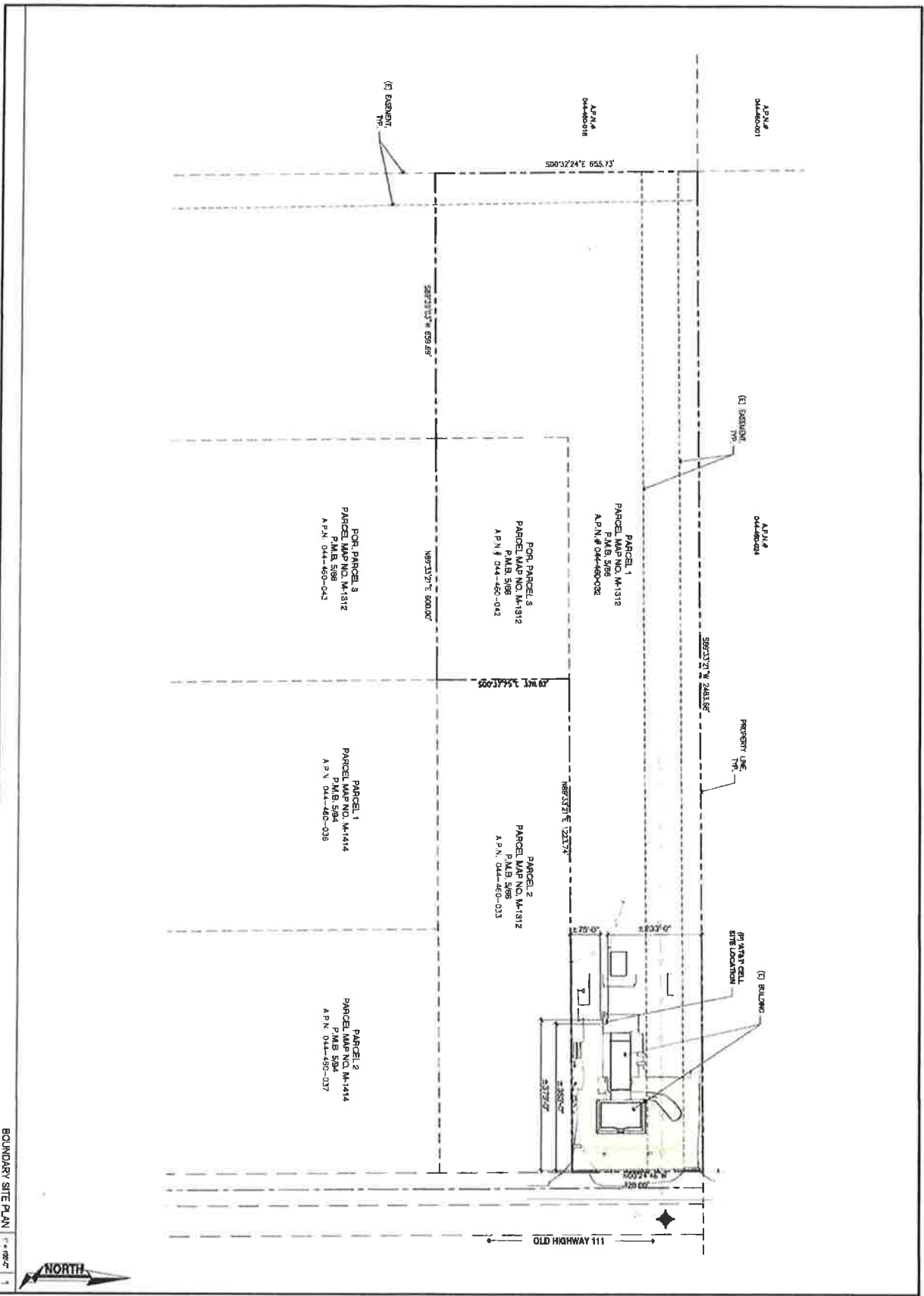
at&t
 578 PACIFIC CENTER BLVD.
 SAN DIEGO, CA 92121

DePratti

TITLE SHEET

TELECOM MANAGEMENT GROUP
 CAL02227
ANZA
 2095 HWY 111
EL CENTRO, CA 92243
NEW SITE BUILD

Project Number: _____
 Drawn By: _____
 Date: 11/14/11
T1



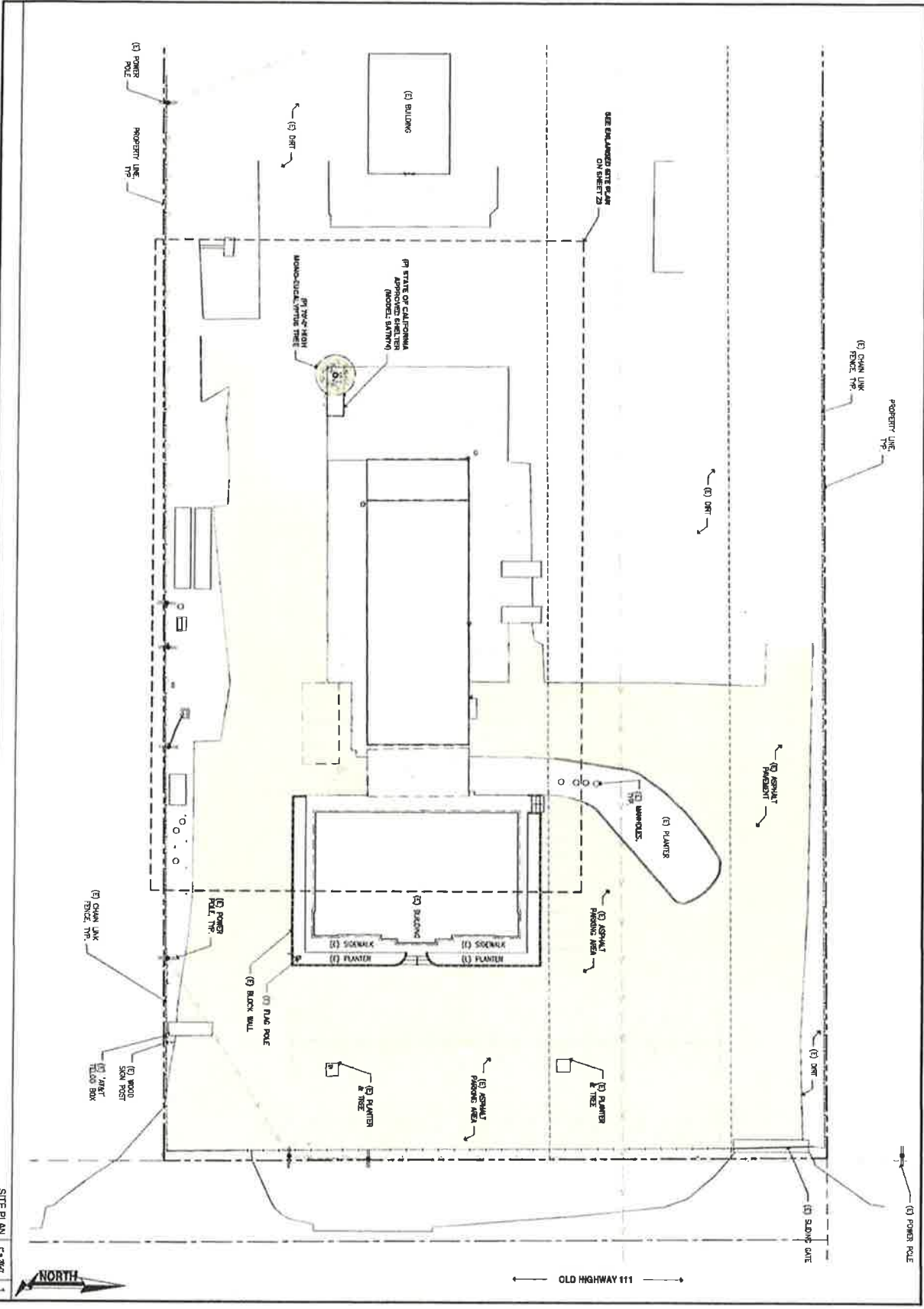
Project Name:	21
Sheet No:	000/000
Checked by:	DD
Date:	



CAL02227
ANZA
2016 HWY 111
EL CENTRO, CA 92243
NEW SITE BUILD

BOUNDARY SITE PLAN





SITE PLAN 1'-3/8"



Project Number	22
Client No.	850/MS
Contractor	DWG
Date	

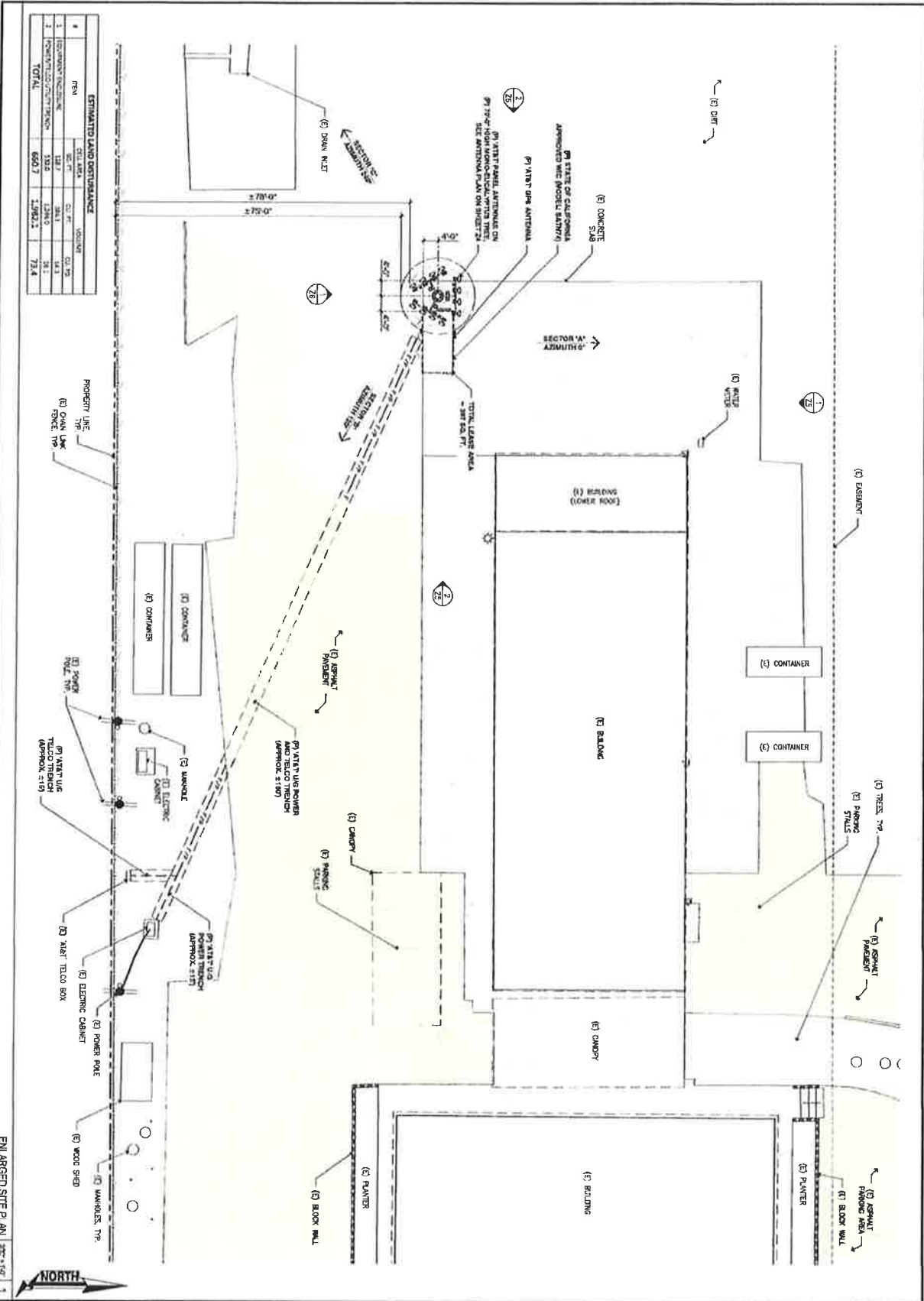


CAL02227
 ANZA
 2088 HWY 111
 EL CENTRO, CA 92243
 NEW SITE BUILD

SITE PLAN



NO.	REV.	DESCRIPTION
1		ISSUED FOR PERMIT
2		
3		
4		



ESTIMATED LAND PERFORMANCE

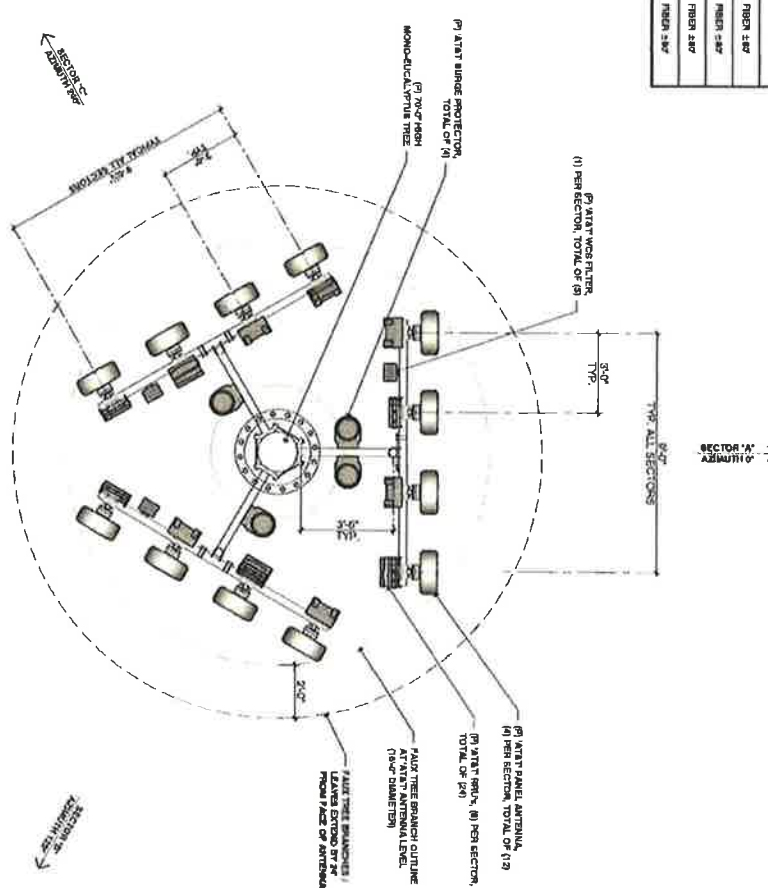
#	ROW	CELL AREA	INCHES	CO. FT.	CO. YD.
1	CONCRETE PAVEMENT	128.7	36.1	14.1	
2	CONCRETE SIDEWALK	138.0	128.0	51.1	
TOTAL		266.7	164.1	65.2	75.1

ENLARGED SITE PLAN 25x45'

	CAL02227 ANZA 2688 HWY 111 EL CERRITO, CA 92243 NEW SITE BUILD		5758 PACIFIC CENTER BLVD. SAN DIEGO, CA 92121	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
	Drawn by: DMC/JP Checked by: ERC Date: 11/11/11			

PROPOSED ANTENNA / RRU SCHEDULE

SECTOR	TECHNOLOGY	ANTENNA			RRU MODEL / QTY.	TMA / FILTER MODEL / QTY.	TRANSMISSION LINES FIBER / POWER CABLE (FT. x #)
		MODEL	LEI/HTI	MAX CENTER			
ALPHA SECTOR	A1	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
	A2	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
	A3	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
BETA SECTOR	B1	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
	B2	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
	B3	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
GAMMA SECTOR	G1	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
	G2	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'
	G3	NH1445B19	0'	80'-0"	4415 B25 (1)	-	FIBER 2.80'

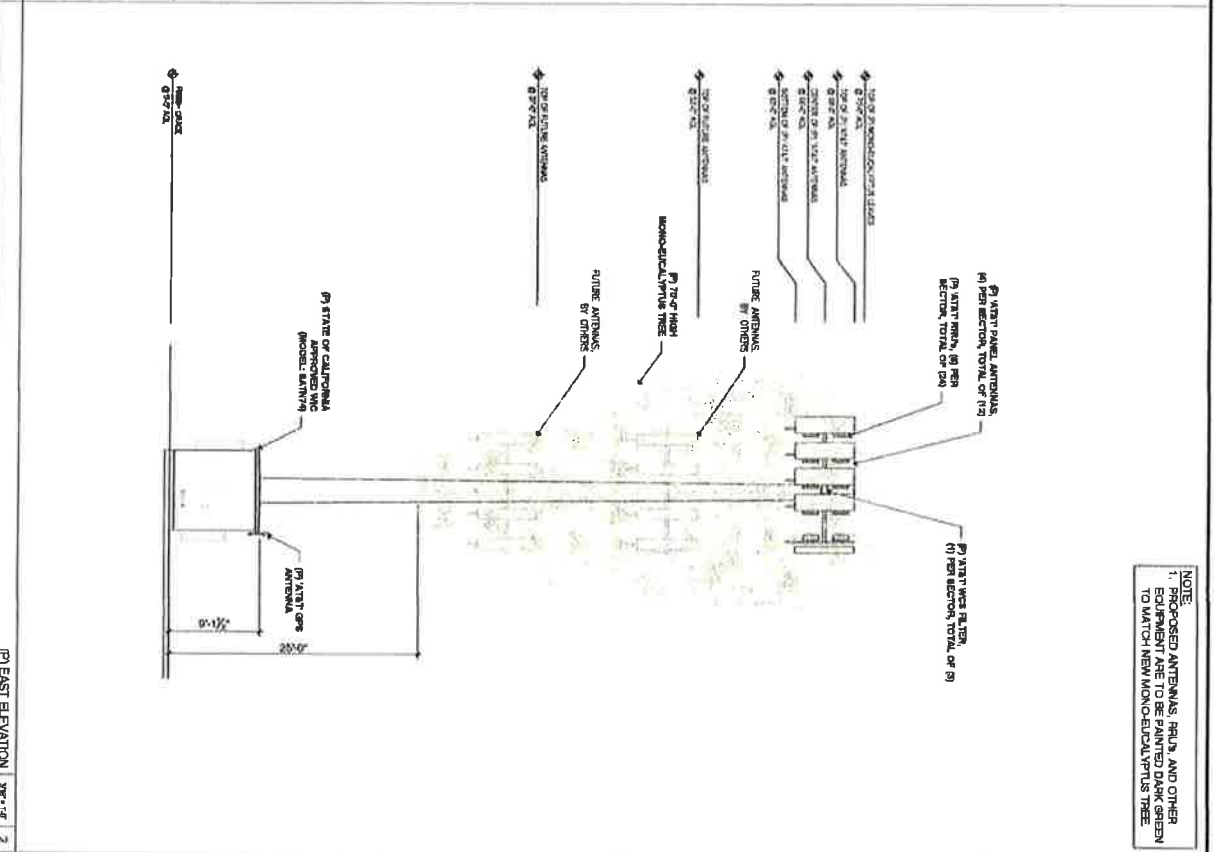
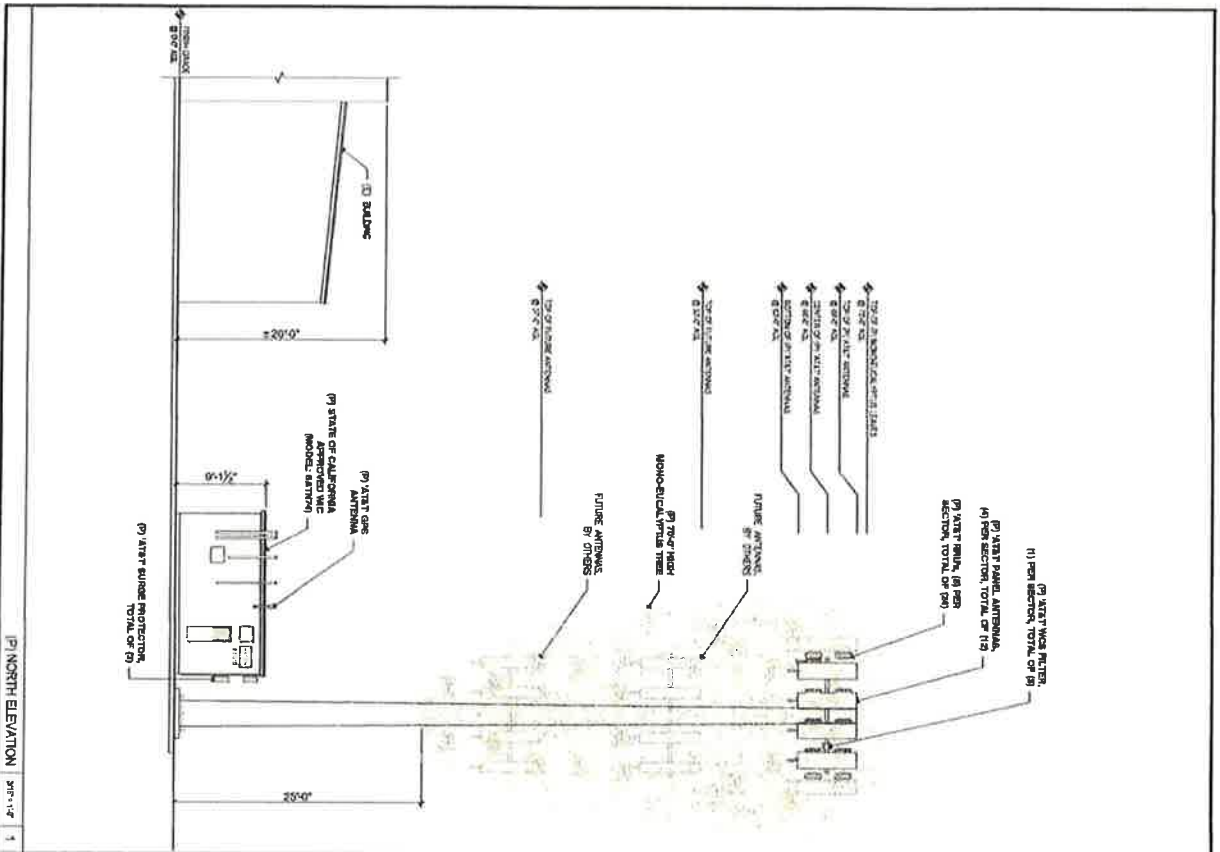


NOTE:
 1. MONOCULUMPTUS LEAVES NOT SHOWN FOR CLARITY
 2. PROPOSED ANTENNA, RRUS, AND OTHER EQUIPMENT ARE TO BE PAINTED DARK GREEN TO MATCH NEW MONOCULUMPTUS TREES

ENLARGED ANTENNA PLAN | 1/2" = 1'-0" | 1

	CAL0227 ANZA 2084 RAY BLVD #111 EL CENTRO, CA 92243 NEW SITE BUILD		5155 PACIFIC CENTER BLVD. SAN DIEGO, CA 92121	<table border="1"> <tr> <td>NO.</td> <td>DATE</td> <td>DESCRIPTION</td> </tr> <tr> <td>1</td> <td>10/22/14</td> <td>ISSUED FOR PERMIT</td> </tr> <tr> <td>2</td> <td>11/10/14</td> <td>REVISED</td> </tr> <tr> <td>3</td> <td>11/10/14</td> <td>REVISED</td> </tr> <tr> <td>4</td> <td>11/10/14</td> <td>REVISED</td> </tr> </table>	NO.	DATE	DESCRIPTION	1	10/22/14	ISSUED FOR PERMIT	2	11/10/14	REVISED	3	11/10/14	REVISED	4	11/10/14	REVISED
NO.	DATE	DESCRIPTION																	
1	10/22/14	ISSUED FOR PERMIT																	
2	11/10/14	REVISED																	
3	11/10/14	REVISED																	
4	11/10/14	REVISED																	
Project: ANZA/02 Designer: BD Title: 24	Scale: 1/2" = 1'-0"			Date: 10/22/14															

NOTE:
1. PROPOSED ANTENNAS, RAILS AND OTHER EQUIPMENT ARE TO BE PAINTED DARK GREEN TO MATCH NEW MONOCEDALYPHUS TREES



NO.	DATE	DESCRIPTION

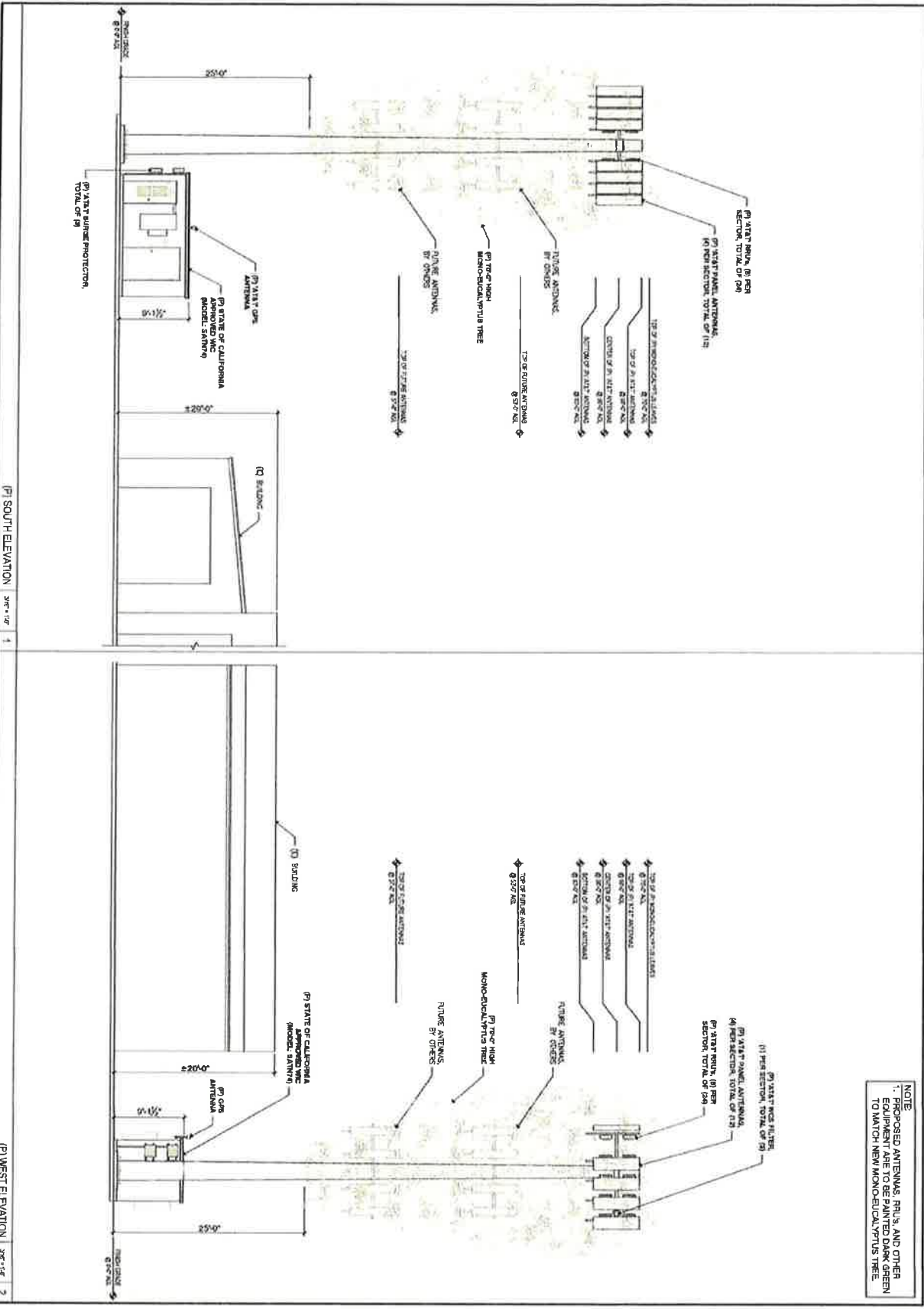


Site ID:
SITE ELEVATIONS

CAL02227
ANZA
2856 HWY 111
EL CENTRO, CA 92243
NEW SITE BUILD



PROJECT NUMBER:
DRAWN BY: EBO/RP
CHECKED BY: STB
DATE:
25



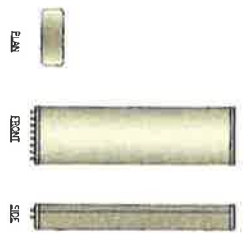
NOTE:
 PROPOSED ANTENNAS, RRU'S AND OTHER
 EQUIPMENT ARE TO BE PAINTED DARK GREEN
 TO MATCH NEW MONO-DIRECTIONAL TREES.

(N) SOUTH ELEVATION

(S) WEST ELEVATION

	CAL02227 ANZA 2086 HWY 111 EL CENTRO, CA 92243 NEW SITE BUILD		 5725 PACIFIC CENTER BLVD SAN DIEGO, CA 92121	Date: 1/14/14
	Project: 2086 HWY 111 Client: TSP Designer: GSE			Title: SITE ELEVATIONS

COMMSCOPE NH4-65E-R6
 DIMENSIONS, LAMB: 1.29 ± 0.03 x 1.91mm
 W/ (W/O) MOUNTING KIT: 72 ± 0.15 x 1.98 ± 0.75
 W/ CONNECTOR KIT, 50MHz (4 LOW SWR, 2 HIGH SWR)



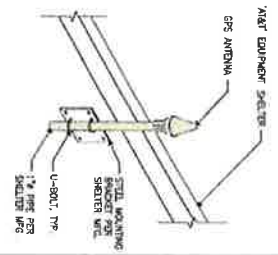
(P) ANTENNA SPECIFICATIONS NTS 1

ERICSSON 4478 B14
 DIMENSIONS, WIDHT: 13.4x281x16.1"
 WEIGHT: 26.2 kg (57.7 lb)
 MAX WIND LOAD: 0.50k/SEC = 260N
 BREAKER SIZE: 25A

ERICSSON 4478 B5
 DIMENSIONS, WIDHT: 13.4x277x16.5"
 WEIGHT: 26.9 kg (59.2 lb)
 MAX WIND LOAD: 0.50k/SEC = 260N
 BREAKER SIZE: 25A



(P) GPS ANTENNA DETAIL NTS 2



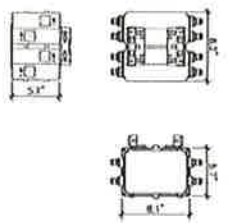
ERICSSON 4415 B25 & B30
 DIMENSIONS, WIDHT: 13.4x343x16.5"
 WEIGHT: 46 kg (101 lb)
 MAX WIND LOAD: 0.50k/SEC = 260N
 BREAKER SIZE: 25A

ERICSSON 4426 B66
 DIMENSIONS, WIDHT: 13.18x361x14.96"
 WEIGHT: 42.3 kg (93.2 lb)
 MAX WIND LOAD: 0.50k/SEC = 260N
 BREAKER SIZE: 25A

ERICSSON 4449
 DIMENSIONS, WIDHT: 13.9x343x16.5"
 WEIGHT: 47.7 kg (105.1 lb)
 MAX WIND LOAD: 0.50k/SEC = 260N
 BREAKER SIZE: 25A



QUAD WCS IMFO
 FOR PROTECTIVE SHEET AND WIND OCCUPANCY
 MODEL NUMBER: WCS-IMFO-43
 PART NUMBER: E188773
 DIMENSIONS, WIDHT: 226x144x28 mm
 WEIGHT: 8 kg (17.6 lb)
 W/ MOUNTING: 9.3 kg (20.4 lb)
 W/ PROTECTIVE SHEET: 15.5 kg (34.1 lb)
 GROUND TERMINAL DIAMETER: 5 (0.20)



(N) WCS FILTER SPECIFICATIONS NTS 5

NOT USED NTS 9

(P) RRU SPECIFICATIONS NTS 3

RAYCAP DC6-48-60-18-8F
 DIMENSIONS, WIDHT: 265x120x145mm
 (11.18x4.72x5.71 in)
 NOMINAL OPERATING VOLTAGE: 48 VDC
 MAX. OPERATING CURRENT: 60 A @ 700MA
 MAX. POWER CAPABILITY: 2880 W
 MAX. CONVERSION LOSS: 2%
 MAX. EFFICIENCY: 98%
 MAX. WIND LOAD: 150 N/m
 WIND PROTECTION RATING: IP65
 MOUNTING: 150 N/m SUSPENDED
 (102.7 N/m)
 TOTAL WEIGHT: 21.8 kg (48.1 lb)

(P) RRU SPECIFICATIONS NTS 4

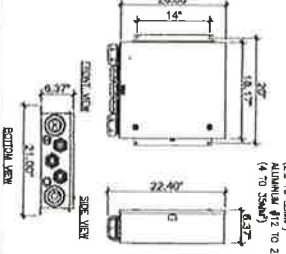
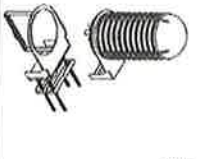
DC12-48-60-0-25E
 DIMENSIONS, WIDHT: 1817x637x320.05"
 WEIGHT: 20.5 kg (45.1 lb)
 NOMINAL OPERATING VOLTAGE: 48 VDC
 MAX. OPERATING CURRENT: 25 A @ 700MA
 MAX. POWER CAPABILITY: 1200 W
 MAX. CONVERSION LOSS: 2%
 MAX. EFFICIENCY: 98%
 MAX. WIND LOAD: 150 N/m
 WIND PROTECTION RATING: IP65
 MOUNTING: 150 N/m SUSPENDED
 (102.7 N/m)
 TOTAL WEIGHT: 21.8 kg (48.1 lb)



NOT USED NTS 7

NOT USED NTS 10

(P) SURGE PROTECTOR SPECIFICATIONS NTS 5



NOT USED NTS 8

NOT USED NTS 11

Project Name: D1
 Date: 09/09/09
 Designer: ESO
 Scale: 1:1

TELECOM
 MANAGEMENT GROUP
 "Delivering True Value"

CAL02227
 ANZA
 2096 HWY 111
 EL CENTRO, CA 92243
 NEW SITE BUILD

SITE DETAILS

DePratti

at&t
 375 PACIFIC
 CENTER BLVD.
 SAN DIEGO, CA 92121

1	DATE	DESCRIPTION
2	DATE	DESCRIPTION
3	DATE	DESCRIPTION
4	DATE	DESCRIPTION



May 31, 2019

The Imperial County Planning and Development Services Department

RE: AT&T Site: CUP #19-0008 APN 044-460-032
AT&T Site Address: 2095 HWY 111 El Centro CA

Attention: Isabel Patten

The Following is a Summarization of the proposed Cell Site, also responses to the document emailed to me on 5/15/19 (pdf Incomp letter CUP #19-0008; 2095 Hwy 111, El Centro; 044-460-032- New Cell Tower

The subject Project. CUP #19-0008 APN 044-460-032 CAL02227 Anza Cell Site

This Proposed Mono Eucalyptus Tree / Fuax Tower will be made to handle additional carriers. Please refer to Page Z5 and Z6 of submitted Zoning Drawings currently with County and or on Following page. This proposed Project property has been analyzed in relation to nearby Co-Locatable Towers. There are 3 existing towers approximately 1/2 to 1 mile away. All three Towers failed for multiple conditions, Structural, RF Objective and Over Loading all are the basis of which we are requesting the approval of our CUP.

Per the File noted above-

Per the Imperial County Land Use Ordinance, Title 9, Division 24, Chapter 9, Section 92409.01, the application package shall include the following:

- An original signed copy of Notice to Applicant of Payment of fees
- Legal description of the leased parcel and a copy of the lease agreement
- Plans showing setback distance between the proposed tower and the nearest residential unit, platted residentially zoned properties, and unplatted residentially zoned properties
- The separation distance from other towers described in the inventory of existing sites shall be shown on an updated site plan or map. The applicant shall also identify the type of construction of the existing tower and the owner/operator of the existing tower, if known
- Plans showing the method of fencing, finishing color, method of camouflage and illumination
- A description of the suitability of the use of existing towers, other structure or alternative technology not requiring the use of towers or structures; and
- A notarized statement by the applicant as to whether the construction of the tower will accommodate the co-location of additional antennas for future users.

Response #1

This Signed Copy was mailed to you on May 10th, a copy of the snail mailed letter follows this Correspondence letter. Soft Copy on Page 3 of this Doc.

Response #2

Legal Description has been added to Zoning Drawings on T-1.

Response #3

Please see PowerPoint File accompanying this packet

Response #4

Please see PowerPoint File accompanying this packet

Response #5

This Tower will be a Stealth Tower to best blend with the Surrounding landscape, all antennas will be camouflaged. Bldg will be painted to match adjacent bldgs. All Utilities will be run underground.

Response #6

No other tower will work, AT&T needs the height to best serve the County of Imperial.

Response #6

AT&T Mobility - San Diego
7337 Trade Street, 3East, Room 3684
San Diego, CA 92121-4202



Please find two original notarized letters with this packet.

CUP #19-0008; 2095 Hwy 111, El Centro; 044-460-032- New Cell Tower
Please feel free to contact me with any questions. Thank you for your assistance.

Sincerely,

Paul Hokeness
Project Manager
858-231-8889
phokeness@deprattiinc.com

AT&T Mobility - San Diego
7337 Trade Street, 3East, Room 3684
San Diego, CA 92121-4202

C. ALUC Section

Policies

1. SCOPE OF REVIEW

1. Geographic Area of Concern

The Imperial County Airport Land Use Commission's planning area encompasses:

1. *Airport Vicinity* - All lands on which the uses could be negatively affected by present or future aircraft operations at the following airports in the County and lands on which the uses could negatively affect said airports. The specific limits of the planning area for each airport are depicted on the respective *Compatibility Map* for that airport as presented in Chapter 3.
 - (a) Brawley Municipal Airport.
 - (b) Calexico International Airport.
 - (c) Calipatria Municipal Airport.
 - (d) Holtville Airport.
 - (e) Imperial County Airport.
 - (f) Salton Sea Airport.
 - (g) Naval Air Facility El Centro.

2. *Countywide Impacts on Flight Safety* - Those lands, regardless of their location in the County, on which the uses could adversely affect the safety of flight in the County. The specific uses of concern are identified in Paragraph 2.
3. *New Airports and Heliports* - The site and environs of any proposed new airport or heliport anywhere in the County. The Brawley Pioneers Memorial Hospital has a heliport area on-site.

2. **Types of Airport Impacts**

The Commission is concerned only with the potential impacts related to aircraft noise, land use safety (with respect both to people on the ground and the occupants of aircraft), airspace protection, and aircraft over-flights. Other impacts sometimes created by airports (e.g., air pollution, automobile traffic, etc.) are beyond the scope of this plan. These impacts are within the authority of other local, state, and federal agencies and are addressed within the environmental review procedures for airport development.

3. **Types of Actions Reviewed**

1. *General Plan Consistency Review* - Within 180 days of adoption of the *Airport Land Use Compatibility Plan*, the Commission shall review the general plans and specific plans of affected local jurisdictions to determine their consistency with the Commission's policies. Until such time as (1) the Commission finds that the local general plan or specific plan is consistent with the *Airport Land Use Compatibility Plan*, or (2) the local agency has overruled the Commission's determination of inconsistency, the local jurisdiction shall refer all actions, regulations, and permits (as specified in Paragraph 3) involving the airport area of influence to the Commission for review (Section 21676.5 (a)).
2. *Statutory Requirements* -As required by state law, the following types of actions shall be referred to the Airport Land Use Commission for determination of consistency with the Commission's plan *prior to their approval* by the local jurisdiction:

- (a) The adoption or approval of any amendment to a general or specific plan affecting the Commission's geographic area of concern as indicated in Paragraph 1 (Section 21676 (b)).
- (b) The adoption or approval of a zoning ordinance or building regulation which (1) affects the Commission's geographic area of concern as indicated in Paragraph 1 and (2) involves the types of airport impact concerns listed in Paragraph 2 (Section 21676 (b)).
- (c) Adoption or modification of the master plan for an existing public-use airport (Section 21676 (c)).
- (d) Any proposal for a new airport or heliport whether for public use or private use (Section 21661.5).

3. *Other Project Review* - State law empowers the Commission to review additional types of land use "actions, regulations, and permits" involving a question of airport/land use compatibility if either: (1) the Commission and the local agency agree that these types of individual projects shall be reviewed by the Commission (Section 21676.5 (b)); or (2) the Commission finds that a local agency has not revised its general plan or specific plan or overruled the Commission and the Commission requires that the individual projects be submitted for review (Section 21676.5 (a)). For the purposes of this plan, the specific types of "actions, regulations, and permits" which the Commission shall review include:

- a) Any proposed expansion of a city's sphere of influence within an airport's planning area.
- b) Any proposed residential planned unit development consisting of five or more dwelling units within an airport's planning area.
- c) Any request for variance from a local agency's height limitation ordinance.
- d) Any proposal for construction or alteration of a structure (including antennas) taller than 150 feet above the ground anywhere within the County.

- e) Any major capital improvements (e.g., water, sewer, or roads) that would promote urban development.
- f) Proposed land acquisition by a government entity (especially, acquisition of a school site).
- g) Building permit applications for projects having a valuation greater than \$500,000.
- h) Any other proposed land use action, as determined by the local planning agency, involving a question of compatibility with airport activities.

4. Review Process

1. *Timing of Project Submittal* - Proposed actions listed in Paragraph 3.1 must be submitted to the Commission for review prior to approval by the local government entity. All projects shall be referred to the Commission at the earliest reasonable point in time so that the Commission's review can be duly considered by the local jurisdiction prior to formalizing its actions. At the local government's discretion, submittal of a project for Airport Land Use Commission review can be done before, after, or concurrently with review by the local planning commission or other local advisory bodies.
2. *Commission Action Choices* - When reviewing a land use project proposal, the Airport Land Use Commission has a choice of either of two actions: (1) find the project *consistent* with the *Airport Land Use Compatibility Plan*; or, (2) find the project *inconsistent* with the Plan. In making a finding of inconsistency, the Commission may note the conditions under which the project would be consistent with the Plan. The Commission cannot, however, find a project consistent with the Plan subject to the inclusion of certain conditions in the project.

Table 2A
Compatibility Criteria

Imperial County Airport Land Use Compatibility Plan

Zone	Location	Impact Elements	Maximum Densities		Required Open Land ³
			Residential (du/ac) ¹	Other Uses (people/ac) ²	
A	Runway Protection Zone or within Building Restriction Line	<ul style="list-style-type: none"> High risk High noise levels 	0	10	All Remaining
B1	Approach/Departure Zone and Adjacent to Runway	<ul style="list-style-type: none"> Substantial risk - aircraft commonly below 400 ft. AGL or within 1,000 ft. of runway Substantial noise 	0.1	100	30%
B2	Extended Approach/Departure Zone	<ul style="list-style-type: none"> Significant risk - aircraft commonly below 800 ft. AGL Significant noise 	1	100	30%
C	Common Traffic Pattern	<ul style="list-style-type: none"> Limited risk - aircraft at or below 1,000 ft. AGL Frequent noise intrusion 	6	200	15%
D	Other Airport Environs	<ul style="list-style-type: none"> Negligible risk Potential for annoyance from overflights 	No Limit	No Limit	No Requirement

Zone	Additional Criteria		Examples	
	Prohibited Uses	Other Development Conditions	Normally Acceptable Uses ⁴	Uses Not Normally Acceptable ⁵
A	<ul style="list-style-type: none"> All structures except ones with location set by aeronautical function Assemblages of people Objects exceeding FAR Part 77 height limits Hazards to flight⁶ 	<ul style="list-style-type: none"> Dedication of aviation easement 	<ul style="list-style-type: none"> Aircraft tiedown apron Pastures, field crops, vineyards Automobile parking 	<ul style="list-style-type: none"> Heavy poles, signs, large trees, etc.
B1 and B2	<ul style="list-style-type: none"> Schools, day care centers, libraries Hospitals, nursing homes Highly noise-sensitive uses Above ground storage Storage of highly flammable materials Hazards to flight⁶ 	<ul style="list-style-type: none"> Locate structures maximum distance from extended runway centerline Minimum NLR⁷ of 25 dBA in residential and office buildings Dedication of aviation easement 	<ul style="list-style-type: none"> Uses in Zone A Any agricultural use except ones attracting bird flocks Warehousing, truck terminals Single-story offices 	<ul style="list-style-type: none"> Residential subdivisions Intensive retail uses Intensive manufacturing or food processing uses Multiple story offices Hotels and motels
C	<ul style="list-style-type: none"> Schools Hospitals, nursing homes Hazards to flight⁶ 	<ul style="list-style-type: none"> Dedication of overflight easement for residential uses 	<ul style="list-style-type: none"> Uses in Zone B Parks, playgrounds Low-intensity retail, offices, etc. Low-intensity manufacturing, food processing Two-story motels 	<ul style="list-style-type: none"> Large shopping malls Theaters, auditoriums Large sports stadiums Hi-rise office buildings
D	<ul style="list-style-type: none"> Hazards to flight⁶ 	<ul style="list-style-type: none"> Deed notice required for residential development 	<ul style="list-style-type: none"> All except ones hazardous to flight 	

Table 2A Continued Compatibility Criteria

Imperial County Airport Land Use Compatibility Plan

NOTES

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| <p>1 Residential development should not contain more than the indicated number of dwelling units per gross acre. Clustering of units is encouraged as a means of meeting the Required Open Land requirements.</p> <p>2 The land use should not attract more than the indicated number of people per acre at any time. This figure should include all individuals who may be on the property (e.g., employees, customers/visitors, etc.). These densities are intended as general planning guidelines to aid in determining the acceptability of proposed land uses.</p> <p>3 See Policy 2.5.</p> | <p>4 These uses typically can be designed to meet the density requirements and other development conditions listed.</p> <p>5 These uses typically do not meet the density and other development conditions listed. They should be allowed only if a major community objective is served by their location in this zone and no feasible alternative location exists.</p> <p>6 See Policy 3.4</p> <p>7 NLR = Noise Level Reduction; i.e., the attenuation of sound level from outside to inside provided by the structure.</p> |
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BASIS FOR COMPATIBILITY ZONE BOUNDARIES

The following general guidelines are used in establishing the Compatibility Zone boundaries for each civilian airport depicted in Chapter 3. Modifications to the boundaries may be made to reflect specific local conditions such as existing roads, property lines, and land uses. Boundaries for NAF El Centro are modified in recognition of the differences between civilian and military aircraft characteristics and flight tracks.

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|---|-----------------------------------|----------|-----------------------------------|----------|--|----------|-----------------------------|----------|---|
| <p>A The boundary of this zone for each airport is defined by the runway protection zones (formerly called runway clear zones) and the airfield building restriction lines.</p> <p>Runway protection zone dimensions and locations are set in accordance with Federal Aviation Administration standards for the proposed future runway location, length, width, and approach type as indicated on an approved Airport Layout Plan. If no such plan exists, the existing runway location, length, width, and approach type are used.</p> <p>The building restriction line location indicated on an approved Airport Layout Plan is used where such plans exist. For airports not having an approved Airport Layout Plan, the zone boundary is set at the following distance laterally from the runway centerline:</p> <table border="0" style="margin-left: 40px;"> <tr> <td>Visual runway for small airplanes</td> <td style="text-align: right;">370 feet</td> </tr> <tr> <td>Visual runway for large airplanes</td> <td style="text-align: right;">500 feet</td> </tr> <tr> <td>Nonprecision instrument runway for large airplanes</td> <td style="text-align: right;">500 feet</td> </tr> <tr> <td>Precision instrument runway</td> <td style="text-align: right;">750 feet</td> </tr> </table> <p>These distances allow structures up to approximately 35 feet height to remain below the airspace surfaces defined by Federal Aviation Regulations Part 77.</p> <p>B1 The outer boundary of the Approach/Departure Zone is defined as the area where aircraft are commonly below 400 feet above ground level (AGL). For visual runways, this location encompasses the base leg of the traffic pattern as commonly flown. For instrument runways, the</p> | Visual runway for small airplanes | 370 feet | Visual runway for large airplanes | 500 feet | Nonprecision instrument runway for large airplanes | 500 feet | Precision instrument runway | 750 feet | <p>altitudes established by approach procedures are used. Zone B1 also includes areas within 1,000 feet laterally from the runway centerline.</p> <p>B2 The Extended Approach/Departure Zone includes areas where aircraft are commonly below 800 feet AGL on straight-in approach or straight-out departure. It applies to runways with more than 500 operations per year by large aircraft (over 12,500 pounds maximum gross takeoff weight) and/or runway ends with more than 10,000 total annual takeoffs.</p> <p>C The outer boundary of the Common Traffic Pattern Zone is defined as the area where aircraft are commonly below 1,000 feet AGL (i.e., the traffic pattern and pattern entry points). This area is considered to extend 5,000 feet laterally from the runway centerline and from 5,000 to 10,000 feet longitudinally from the end of the runway primary surface. The length depends upon the runway classification (visual versus instrument) and the type and volume of aircraft accommodated. For runways having an established traffic solely on one side, the shape of the zone is modified accordingly.</p> <p>D The outer boundary of the Other Airport Environs Zone conforms with the adopted Planning Area for each airport.</p> |
| Visual runway for small airplanes | 370 feet | | | | | | | | |
| Visual runway for large airplanes | 500 feet | | | | | | | | |
| Nonprecision instrument runway for large airplanes | 500 feet | | | | | | | | |
| Precision instrument runway | 750 feet | | | | | | | | |

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