



AT&T
NS0004
MORRO RESERVOIR
SAN JACINTO CIRCLE W
FALLBROOK CA, 92028

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS: PARCEL A THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 10 SOUTH, RANGE 4 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO UNITED STATES GOVERNMENT SURVEY DESCRIBED AS FOLLOWS: SEE LS-1.

1. START OUT GOING EAST ON PACIFIC CENTER BLVD TOWARD PACIFIC HEIGHTS BLVD.
2. TAKE THE 1ST RIGHT ONTO PACIFIC HEIGHTS BLVD.
3. TURN RIGHT ONTO MIRA MESA BLVD.
4. TURN RIGHT ONTO VISTA SORRENTO PKWY.
5. MERGE ONTO I-805 N VIA THE RAMP ON THE LEFT.
6. I-805 N BECOMES I-5 N.
7. MERGE ONTO CA-76 E VIA EXIT 54A.
8. TURN LEFT ONTO OLIVE HILL RD.
9. TURN LEFT ONTO MORRO HILLS RD.
10. TURN SHARP RIGHT ONTO SAN JACINTO CIR W.
11. ARRIVE AT SAN JACINTO CIR W.



RF INITIALS:	DATE	ZONING/PLANNING INITIALS:	DATE
A/E MANAGER INITIALS:	DATE	CONSTRUCTION INITIALS:	DATE
SITE ACQUISITION INITIALS:	DATE	LANDLORD INITIALS:	DATE

ACCESSIBILITY DISCLAIMER
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 ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

EXCEPTION TO SECTION 10-103
THIS PROJECT HAS LESS THAN 1,000 SQ. FT. OF CONDITIONED SPACE AND HAS AN OCCUPANT LOAD OF LESS THAN 49 PERSONS AND IS EXEMPT FROM THE DOCUMENTATION REQUIREMENTS OF SECTION 10-103 OF 2005 BEES.



LEGAL DESCRIPTION

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING WIRELESS INSTALLATION. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- 325 SQ.FT. OF LEASE AREA
- 32'-6" X 10'-0" X 7'-0" HIGH CMU ENCLOSURE
- INSTALL (1) 50'-0" TALL MONO-BROADLEAF
- INSTALL (6) EQUIPMENT CABINETS
- INSTALL (12) PANEL ANTENNAS
- INSTALL (24) RRUS
- INSTALL (2) GPS ANTENNAS

DIRECTIONS TO SITE

2010 CALIFORNIA BUILDING CODE
2010 CALIFORNIA ELECTRICAL CODE
TIA-222-G OR LATEST EDITION

CALIFORNIA BUILDING CODE, TITLE 24, 2010 EDITION
CALIFORNIA ELECTRICAL CODE, 2010 EDITION BASED ON 2008 N.E.C.
CALIFORNIA PLUMBING CODE, 2010 EDITION BASED ON 2009 U.P.C.
CALIFORNIA MECHANICAL CODE, 2010 EDITION BASED ON 2009 U.M.C.
CALIFORNIA FIRE CODE, 2010 EDITION BASED ON 2009 I.F.C.

CALIFORNIA ENERGY CODE, 2010 EDITION
CALIFORNIA GREEN BLDG CODE, 2010 EDITION BASED ON 2008 I.F.C.
CALIFORNIA RESIDENTIAL CODE, 2010 EDITION BASED ON 2009 I.R.C.
IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL

VICINITY MAP

PROPERTY OWNER:
ADDRESS:

RAINBOW MUNICIPAL WATER DISTRICT
PUBLIC AGENCY
3707 OLD HIGHWAY 395
FALLBROOK, CA 92028

SITE NAME:
SITE ADDRESS:

MORRO RESERVOIR
SAN JACINTO CIRCLE W
FALLBROOK, CA 92028

SITE CONTACT:

SHERRY REBUENO
(760) 728-1178 EXT. 199

LATITUDE (NAD 83):
33° 17' 51.67" N
33.29767500

LONGITUDE (NAD 83):
117° 57' 43.30" W
-117.26136700

GROUND ELEVATION:
45'-0" AGL

ANTENNA TIP HEIGHT:
839.00' AMSL

ZONING JURISDICTION:
COUNTY OF SAN DIEGO

ZONING DISTRICT:
A-70

EXISTING PERMITS:
N/A

PARCEL #:
123-330-09

OCCUPANCY GROUP:
B

CONSTRUCTION TYPE:
V-A

OTHER WIRELESS FACILITIES:
N/A

POWER COMPANY:
SDG&E

TELEPHONE COMPANY:
AT&T

RF ENGINEER:
RAVI JINDAL

LEASING AGENT:
KAREN ADLER, PLANCOM INC.
(760) 715 3416

ZONING AGENT:
GREG MOORAD, PLANCOM INC.
(760) 587-3003

CONSTRUCTION MANAGER:
BRYAN SVENONIUS
(858) 210-2474

ARCHITECTS

MITCHELL J. ARCHITECTURE
4883 RONSON COURT, SUITE N
SAN DIEGO, CA 92111
TEL: (858) 650-3130
FAX: (858) 650-3140

CONTACT: JO NEWMAN
(PROJECT MANAGER)

PROJECT MANAGER

GOODMAN NETWORKS
SAN DIEGO, CA

CONTACT:
WILLIAM CASTANARES
(760) 458-2301

PLANNING

PLANCOM, INC.
302 STATE PLACE
ESCONDIDO, CA 92029

CONTACT:
DUFFY DAUGHERTY
(925) 548-2050

SURVEYOR

CAL VADA SURVEYING INC.
411 JENKS CIRCLE, SUITE 205
CORONA, CA 92880

CONTACT:
RAMON GONZALES
(951) 280-9960

LATITUDE (NAD 83):
33° 17' 51.67" N (33.29766600)
LONGITUDE (NAD 83):
117° 57' 43.30" W (117.26202900)

RF INFORMATION			
	LTE	GSM	UMTS
Tx	704.0-716.0 MHz	859 - 874.6 MHz 890 - 891.4 MHz 1950 - 1952.8 MHz 1970 - 1980 MHz	874.6-879.6 MHz 1945-1950 MHz
Rx	734.0-746.0 MHz	824 - 829.4 MHz 845 - 846.4 MHz 1870 - 1872.8 MHz 1890 - 1900 MHz	829.6-834.4 MHz 1865-1869.8 MHz
MAX ERP: 500.0 WATTS		MAX ERP: 850 MHz: 54 WATTS 1900 MHz: 54.5 WATTS	

PROJECT DESCRIPTION

APPLICABLE CODES

PROJECT SUMMARY

CONSULTANT TEAM

SHEET INDEX

SDC PDS RCVD 01-30-13
P12-016

No.	Revision / Issue	Date
A	90% ZD REVIEW	07-20-12
B	Client Comments	08-03-12
C	Client Comments	08-08-12
D	Client Comments	08-16-12
E	Client Revisions	09-21-12
F	Client Revisions	09-28-12
G	Client Revisions	10-05-12
H	100% ZD's	10-10-12
I	100% FINAL ZD's	01-02-13

TITLE SHEET, PROJECT INFORMATION & VICINITY MAP

MITCHELL J. ARCHITECTURE, INC.
4883 RONSON COURT, SUITE N
SAN DIEGO, CA 92111
TEL: (858) 650-3130 / FAX: (858) 650-3140

AT&T

MORRO RESERVOIR
NS0004
SAN JACINTO CIRCLE WEST
FALLBROOK, CA

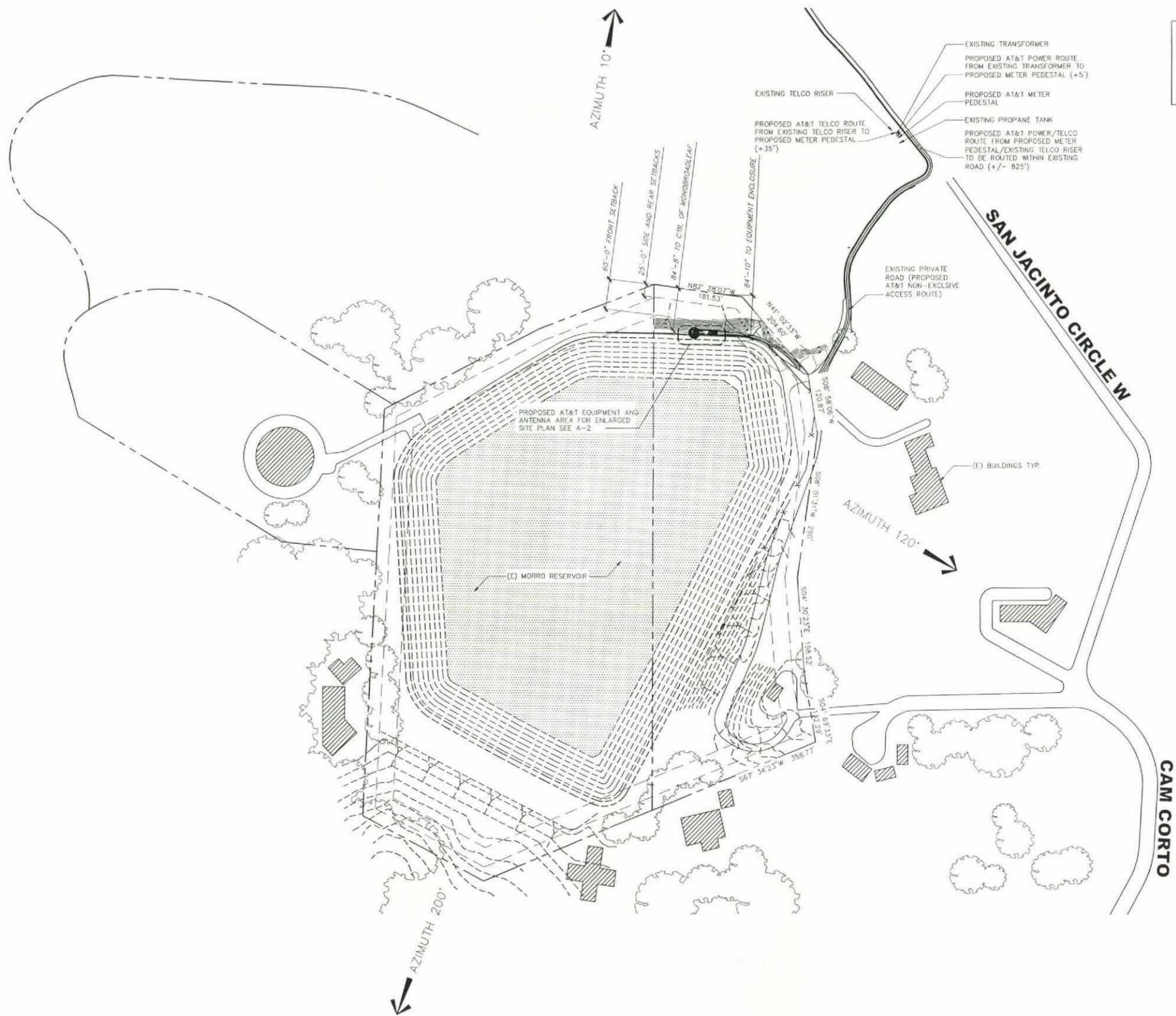
architecture Mitchell J. architecture



Project: NS0004
Date: 01-02-2012
Drawn By: pc
Checked By: mjc
Scale: AS SHOWN

Mitchell J. Architecture

G-001



NOTE:
PROPOSED AT&T POWER/Telco TRENCHING TO BE ROUTED WITHIN EXISTING PRIVATE ROAD UNTIL IT REACHES THE PROPERTY LINE (POWER/Telco TRENCHING WILL NOT OCCUR ON ADJACENT PROPERTY).

No.	Revision / Issue	Date
A	50% ZD REVIEW	07-20-12
B	Client Comments	08-01-12
C	Client Comments	08-08-12
D	Client Comments	08-16-12
E	Client Revisions	09-21-12
F	Client Revisions	09-28-12
G	Client Revisions	10-05-12
H	100% ZD's	10-10-12
I	100% FINAL ZD's	01-02-13

SITE PLAN AND NOTES

MITCHELL J. ARCHITECTURE, INC.
4883 Roman Court, Suite N
San Diego, CA 92111
619.650.3140 (fax)



MORRO RESERVOIR
NS0004
SAN JACINTO CIRCLE WEST
FALLBROOK, CA.

architecture **itchell J.** architecture



Project	NS0004
Date	01-02-2012
Drawn By	pc
Checked By	mjc
Scale	AS SHOWN

Mitchell J. Architecture

A-101

SITE PLAN

SCALE: 1"=100'-0"

No.	Revision / Issue	Date
A	60% ZD REVIEW	07-20-12
B	Client Comments	08-03-12
C	Client Comments	08-08-12
D	Client Comments	08-16-12
E	Client Revisions	09-21-12
F	Client Revisions	09-28-12
G	Client Revisions	10-05-12
H	100% ZD's	10-10-12
I	100% FINAL ZD's	01-02-13

MITCHELL J. ARCHITECTURE, INC.
5885 Wilshire Blvd., Suite 400
Beverly Hills, CA 90210
858.650.3130 (ph) / 858.650.3140 (fax)



MORRO RESERVOIR
15000
SAN JACINTO CIRCLE WEST
FALBROOK, CA.



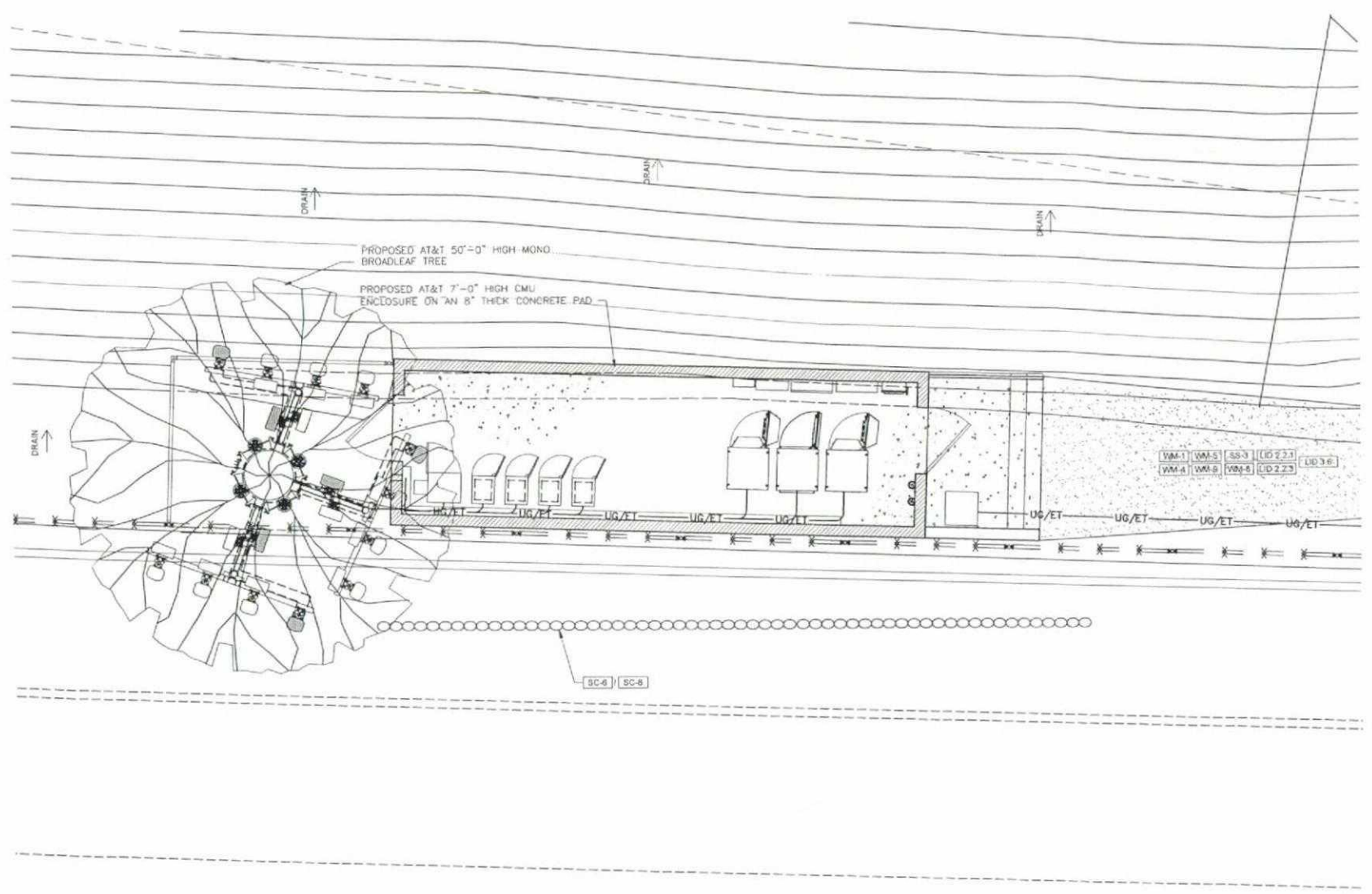
Project: NS0004
Date: 01-02-2012
Drawn By: pc
Checked By: mjc
Scale: AS SHOWN

Mitchell J. Architecture

A-102

BMP PLAN
architecture Mitchell architecture

SAN JACINTO CIRCLE W



BMP LEGEND

DIRECTION OF LOT DRAINAGE → →

MATERIALS & WASTE MANAGEMENT CONTROL BMP's

- VM-1 MATERIAL DELIVERY AND STORAGE
- VM-4 SPILL PREVENTION AND CONTROL
- VM-8 CONCRETE WASTE MANAGEMENT
- VM-5 SOLID WASTE MANAGEMENT
- VM-6 SANITARY WASTE MANAGEMENT

TEMPORARY RUNOFF CONTROL BMP's

- SS-3 BONDED OR STABILIZED FIBER MATRIX (WINTER)
- SS-4 SS-8 STRAW OR WOOD MULCH
- SC-6 SC-8 GRAVEL OR SAND BAGS
- TC-1 STABILIZED CONSTRUCTION ENTRANCE
- LID 3.6 L.I.D. BUILDING DESIGN

LOW IMPACT DEVELOPMENT BMP's

- LID 2.2.1 CONSERVATION OF NATURAL DRAINAGES, WELL DRAINED SOILS AND SIGNIFICANT VEGETATION
- LID 2.2.2 MINIMIZE AND DISCONNECT IMPERVIOUS SURFACES

NOTE:
TOTAL AREA OF DISTURBANCE: 392 SQ. FT.
AS SHOWN



BMP PLAN

SCALE: 1/4"=1'-0"

No.	Revision/Issue	Date
A	90% ZD REVIEW	07-20-12
B	Client Comments	08-03-12
C	Client Comments	08-08-12
D	Client Comments	08-16-12
E	Client Revisions	09-21-12
F	Client Revisions	09-28-12
G	Client Revisions	10-05-12
H	100% ZDs	10-10-12
I	100% FINAL ZDs	01-02-13

MITCHELL J. ARCHITECTURE, INC.
4885 Bayview Court, Suite N
San Jose, CA 95130 (408) 858-5502, 3142 (fax)



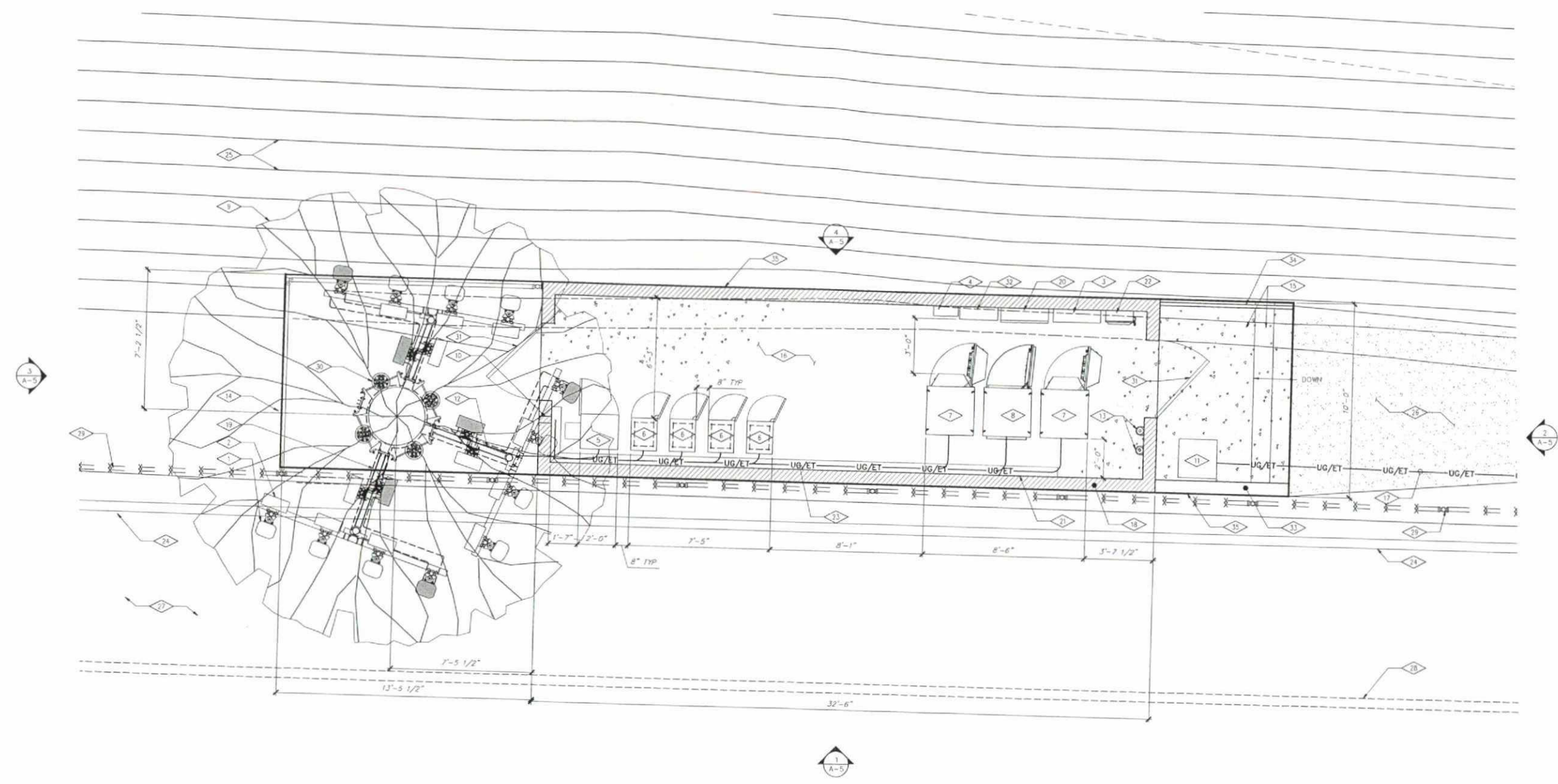
MORRO RESERVOIR
SAN JACINTO CIRCLE WEST
FALLBROOK, CA.



Project: NS0004
Date: 01-02-2012
Drawn By: jpc
Checked By: mjc
Scale: AS SHOWN

EQUIPMENT LAYOUT

architecture Mitchell J. architecture

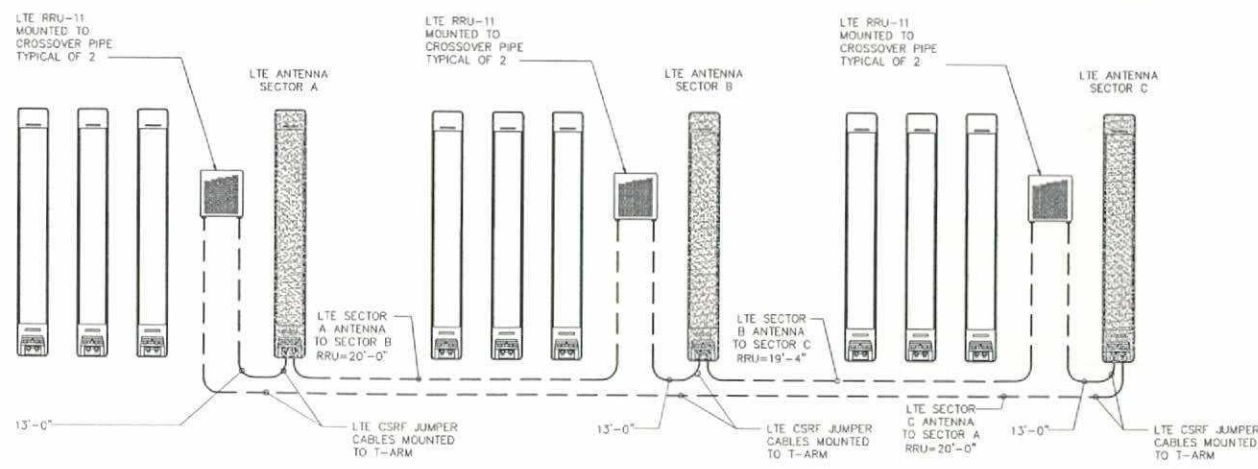


EQUIPMENT KEY NOTES

- | | | | | | |
|---|--|--|---|---|--|
| <p>1 PROPOSED AT&T ANTENNAS WITH SOCK COVERS (4 PER SECTOR, 3 SECTORS WITH A TOTAL OF 12 ANTENNAS)</p> <p>2 PROPOSED RRU UNITS, 8 PER SECTOR TOTAL OF 24, 8 RRU UNITS MOUNTED TO CROSS ARMS</p> <p>3 PROPOSED 'INTERSECT INC.' MP SERIES 200 AMP POWER DISTRIBUTION LOAD CENTER AND MANUAL TRANSFER SWITCH MOUNTED TO CONCRETE BLOCK WALL (20" WIDE x 10" DEEP x 40" HIGH) WEIGHT 90 LBS.</p> <p>4 PROPOSED 'ETHERNET' EQUIPMENT CABINETS (CENA/UM) 15 3/4" WIDE x 27" HIGH x 6" DEEP MOUNTED TO CONCRETE WALL</p> <p>5 PROPOSED PURCELL FIBER CABINET WITH AC UNIT ON UNISTRUT MOUNTED TO CONCRETE WALL (24" WIDE x 35.5" HIGH x 20" DEEP WEIGHT 300 LBS.) TYP. OF 1</p> | <p>6 PROPOSED AT&T MOBILITY ERICSSON OUTDOOR RADIO CABINET 'RBS 6301' AND BASE FRAME 21 1/8" WIDE x 57 5/8" HIGH x 16 1/4" DEEP, WEIGHT 500 LBS. (TYPICAL OF 4)</p> <p>7 PROPOSED AT&T MOBILITY OUTDOOR POWER EQUIPMENT CABINET 'ALPHA T445x3' 30" WIDE x 72" HIGH x 30" DEEP WEIGHT: 1370 LBS. (TYPICAL OF 2)</p> <p>8 PROPOSED AT&T MOBILITY BATTERY EXPANSION CABINET 'ALPHA T445x30' (30" WIDE x 72" HIGH x 30" DEEP) WEIGHT: 3220 LBS. (TYPICAL OF 2)</p> <p>9 PROPOSED 50'-0" HIGH MONO-BROADLEAF FAUX TREE (BRANCHES TO CONCEAL ANTENNAS)</p> | <p>10 PROPOSED (2) 4" DIA. CONDUITS THRU CMU WALL</p> <p>11 PROPOSED AT&T STEP-DOWN TRANSFORMER</p> <p>12 PROPOSED HORIZONTAL CABLE TRAY</p> <p>13 PROPOSED AT&T GPS ANTENNA (TYP. OF 2)</p> <p>14 PROPOSED AT&T 7'-0" HIGH CHAIN LINK FENCE</p> <p>15 PROPOSED 5' x 5' CONCRETE STOOP AND STEPS</p> <p>16 PROPOSED 8" CONC. PAD</p> | <p>17 PROPOSED AT&T POWER/TELCO ROUTE FROM PROPOSED METER PEDESTAL/EXISTING TELCO RISER (+/- 825')</p> <p>18 PROPOSED AT&T 7'-0" HIGH CMU ENCLOSURE</p> <p>19 PROPOSED VALMONT ANTENNA ARM SUPPORT</p> <p>20 PROPOSED WALL MOUNTED TELCO CABINET WEIGHT 300 LBS.</p> <p>21 PROPOSED AT&T WALL MOUNTED CABLE TRAY (+/- 20')</p> <p>22 PROPOSED AT&T DISCONNECT</p> | <p>23 PROPOSED AT&T COAX ROUTE</p> <p>24 EXISTING CURB</p> <p>25 EXISTING DOWNWARD SLOPE 1 FT. COUNTOURS</p> <p>26 PROPOSED D&G PATH TO PARKING AREA</p> <p>27 EXISTING MORRO RESERVOIR PERIMETER ROAD</p> <p>28 EXISTING MORRO RESERVOIR PERIMETER ROAD CURB</p> <p>29 EXISTING CHAIN LINK FENCE</p> | <p>30 PROPOSED SURGE PROTECTOR MOUNTED TO CROSS ARM (TOTAL OF 4)</p> <p>31 PROPOSED AT&T 4'-0" METAL ACCESS GATE</p> <p>32 PROPOSED FTE PANEL</p> <p>33 PROPOSED LOW RETAINING WALL AT STEPS</p> <p>34 PROPOSED 42" GUARDRAIL</p> <p>35 PROPOSED LEASE AREA.</p> |
|---|--|--|---|---|--|

EQUIPMENT LAYOUT

SCALE: 3/8"=1'-0"



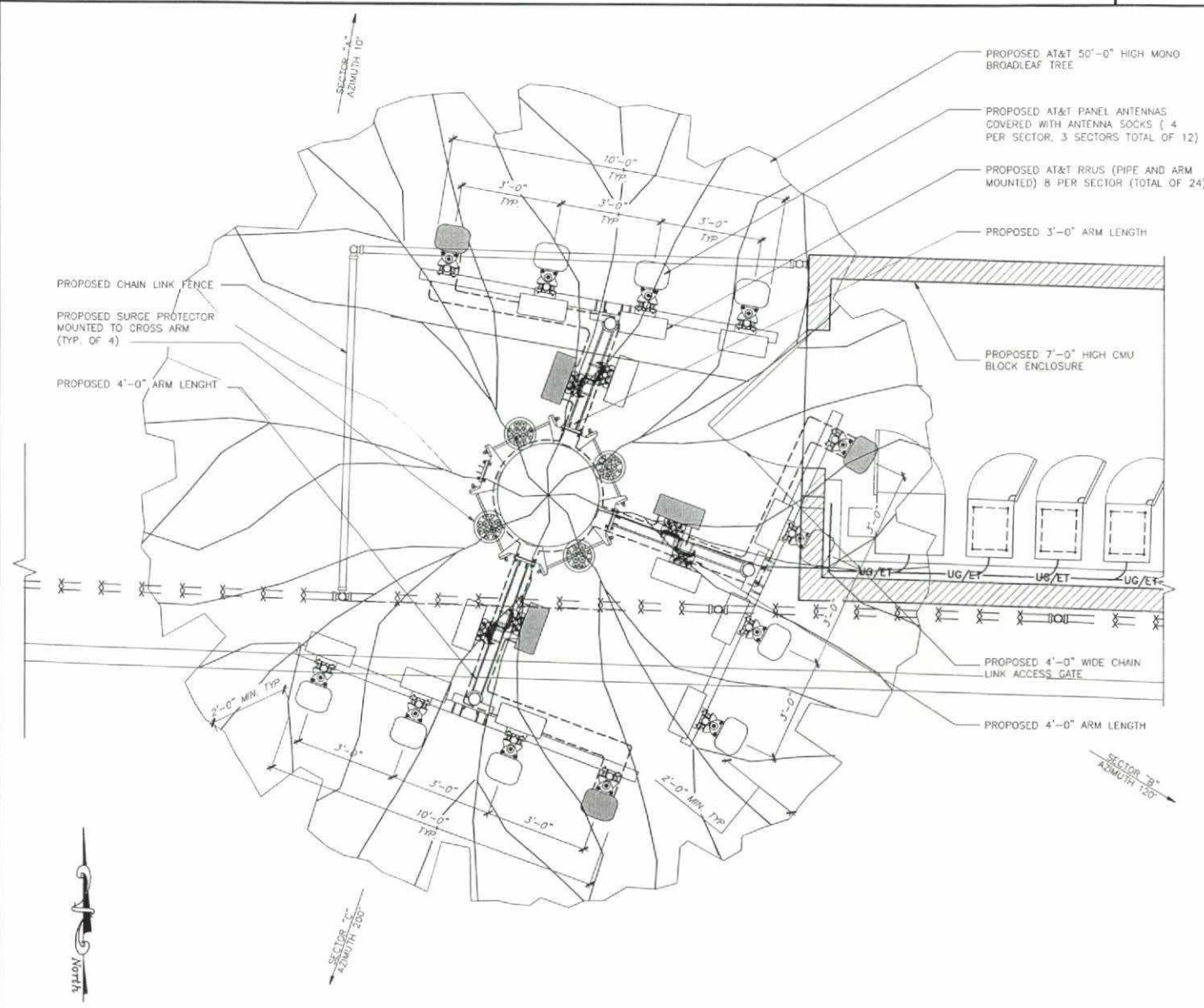
CSRF ELEVATION SCHEMATIC

NOTE: SCHEMATIC SHOWS ONLY ONE OF TWO RRUS FOR CLARITY

FINAL ANTENNA SCHEDULE										
SECTOR	AZIMUTH	MODEL NO.	ANTENNA TIP HEIGHT	RRU	NUMBER OF CABLES PER SECTOR	COAX CABLE LENGTH (4/- 5)	COAX JUMPER LENGTH (4/- 3)	CSRF JUMPER LENGTH (4/- 3)	ANTENNA JUMPER LENGTH (4/- 3)	COAX SIZE
A	1 10°	ERICSSON AIR-21 (8'-0")	45'-0"	RRUS-11	8	118'	12'	20'-0"	11'-0"	7/8" FIBER
	2 10°	ERICSSON AIR-21 (8'-0")								
	3 10°	ERICSSON AIR-21 (8'-0")								
	4 10°	ERICSSON AIR-21 (8'-0")								
B	1 120°	ERICSSON AIR-21 (8'-0")	45'-0"	RRUS-11	8	118'	12'	19'-4"	11'-0"	7/8" FIBER
	2 120°	ERICSSON AIR-21 (8'-0")								
	3 120°	ERICSSON AIR-21 (8'-0")								
	4 120°	ERICSSON AIR-21 (8'-0")								
C	1 200°	ERICSSON AIR-21 (8'-0")	45'-0"	RRUS-11	8	118'	12'	20'-0"	11'-0"	7/8" FIBER
	2 200°	ERICSSON AIR-21 (8'-0")								
	3 200°	ERICSSON AIR-21 (8'-0")								
	4 200°	ERICSSON AIR-21 (8'-0")								

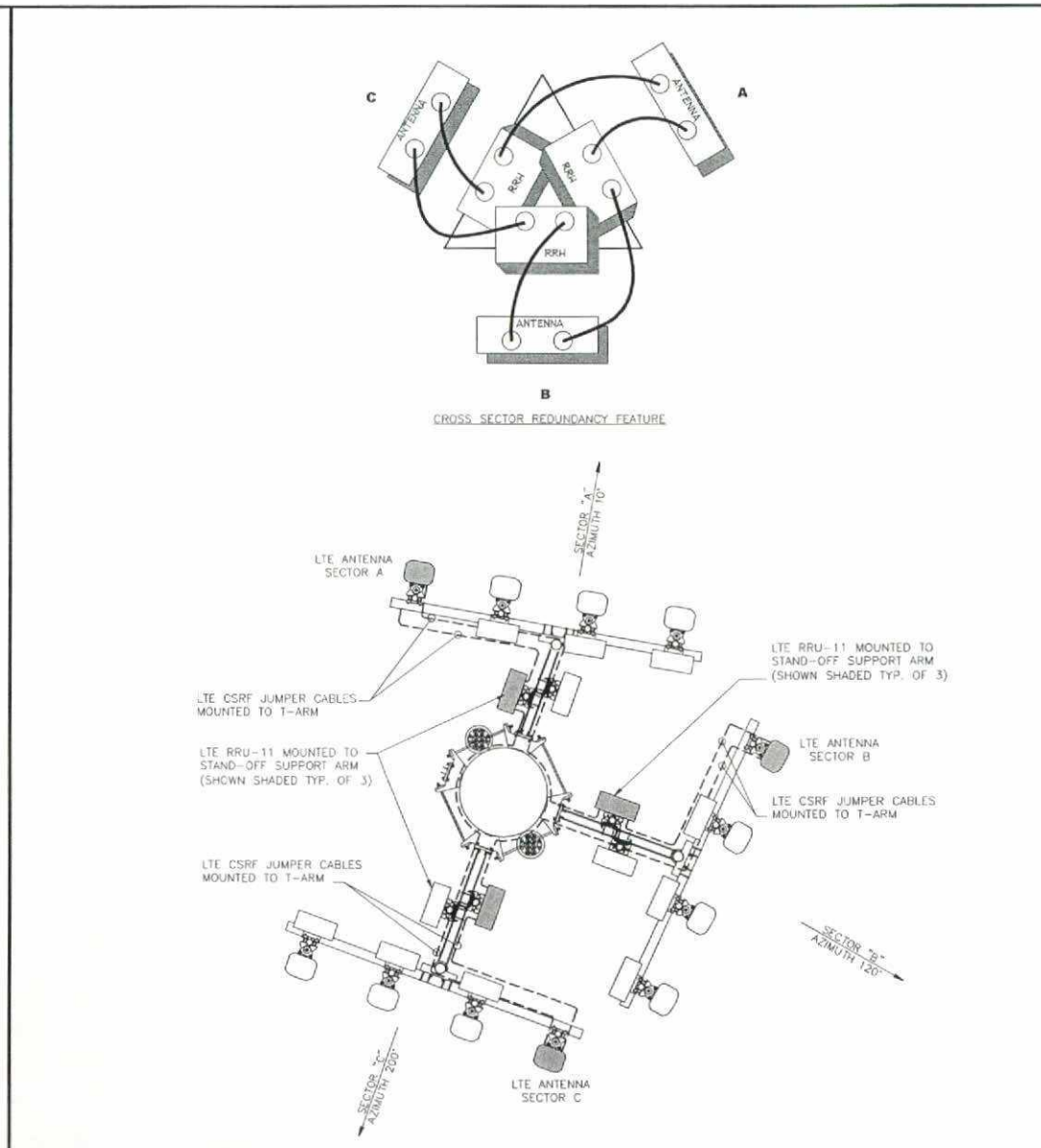
NOTES:
 LTE ANTENNAS RRU UNITS TO INCLUDE CROSS SECTOR REDUNDANCY FEATURE FOR BOTH RRU UNITS AND CSRF PLAN ON THIS SHEET.
 FIELD VERIFY ALL CABLE LENGTHS PRIOR TO ORDERING CABLE.
 VERIFY ROUTE AND LENGTH OF CABLE PRIOR TO CUTTING, ADJUST INDICATED ROUTE AS REQUIRED TO CLEAR EXISTING OBSTRUCTIONS AND MAINTAIN REQUIRED CLEARANCE OF EXISTING EQUIPMENT.

ANTENNA AND COAXIAL CABLE SCHEDULE



ANTENNA LAYOUT PLAN (NEW)

SCALE: 1/2"=1'-0"



CSRF PLAN (NEW)

SCALE: 3/8"=1'-0"

ANTENNA LAYOUT

MORRO RESERVOIR
SAN JACINTO CIRCLE WEST
FALLBROOK, CA.

AT&T

architecture

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TEL: 951.850.3140 (ext.)
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WWW.MITCHELLJARCHITECTURE.COM

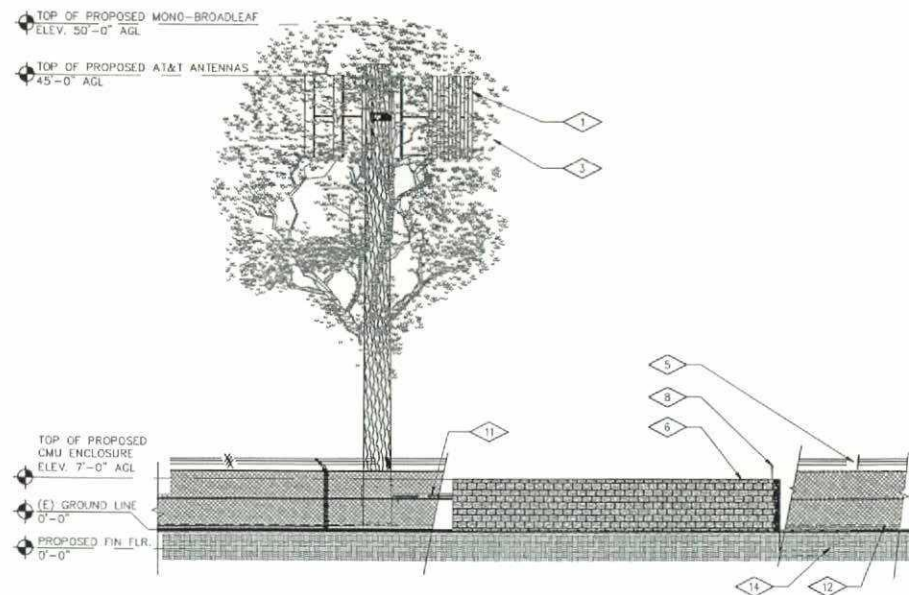
REVISIONS

No.	Revision / Issue	Date
A	90% ZD REVIEW	07-20-12
B	Client Comments	08-03-12
C	Client Comments	08-08-12
D	Client Comments	08-16-12
E	Client Revisions	09-21-12
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H	100% ZD's	10-10-12
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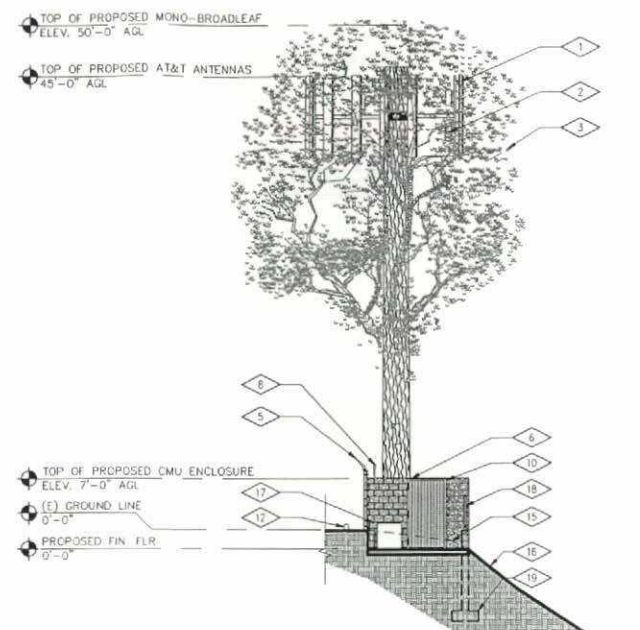
PROJECT: NS0004
 DATE: 01-02-2012
 DRAWN BY: PC
 CHECKED BY: mjc
 SCALE: AS SHOWN

MITCHELL J. ARCHITECTURE

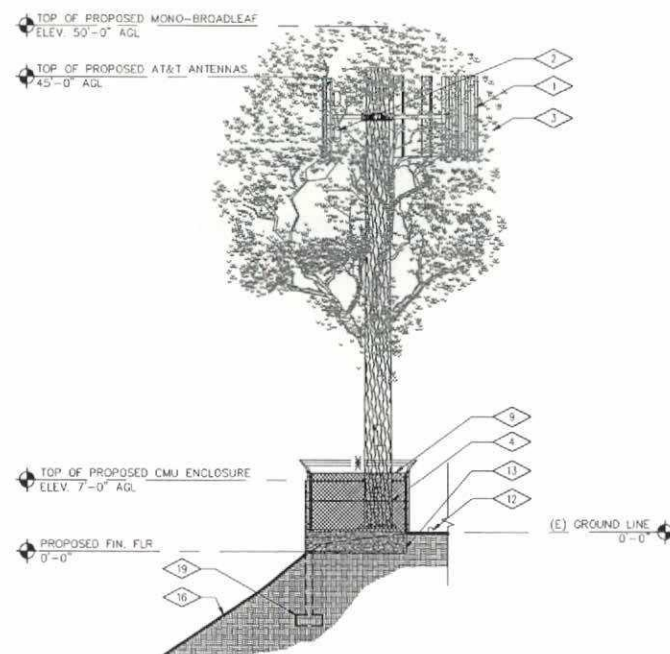
A-202



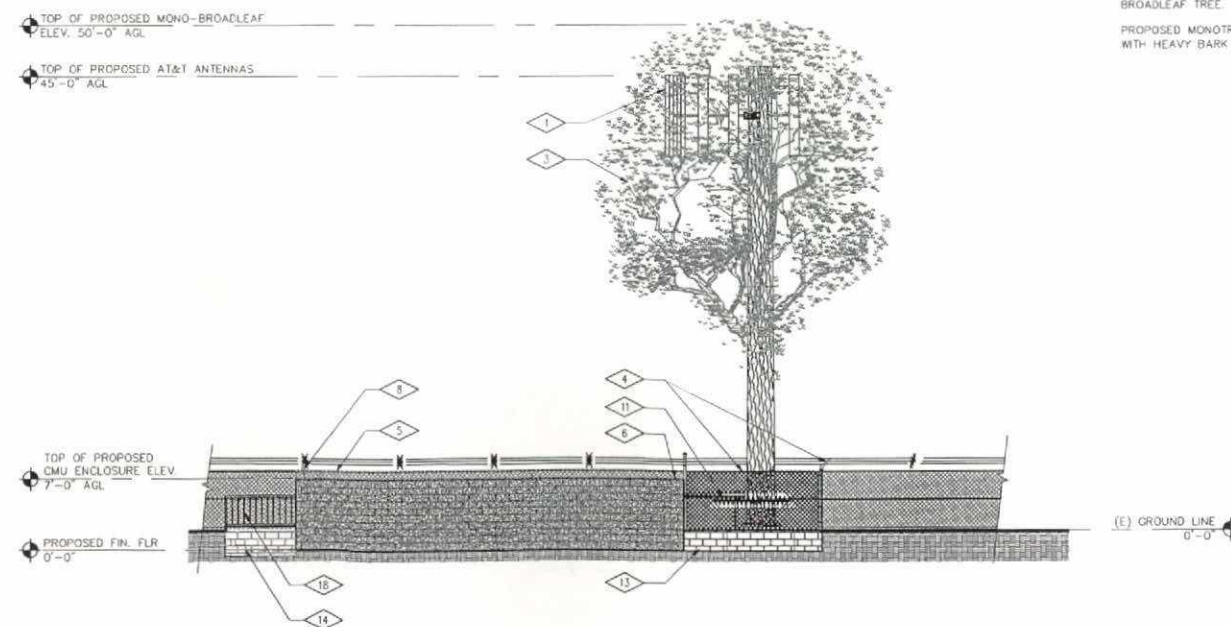
1 SOUTH ELEVATION
SCALE: 1/8"=1'-0"



2 EAST ELEVATION
SCALE: 1/8"=1'-0"



3 WEST ELEVATION
SCALE: 1/8"=1'-0"



4 NORTH ELEVATION
SCALE: 1/8"=1'-0"

ELEVATION KEY NOTES

- 1 PROPOSED AT&T ANTENNAS WITH SOCK COVERS (4 PER SECTOR, 3 SECTORS WITH TOTAL OF 12 ANTENNAS)
- 2 PROPOSED RRU UNITS (8 PER SECTOR - TOTAL OF 24)
- 3 PROPOSED MONO-BROADLEAF FAUX TREE (BRANCHES TO CONCEAL ANTENNAS)
- 4 PROPOSED 7'-0" HIGH CHAIN LINK FENCE
- 5 EXISTING CHAIN LINK FENCE
- 6 PROPOSED AT&T 7'-0" HIGH CMU ENCLOSURE
- 7 PROPOSED AT&T EQUIPMENT CABINETS MOUNTED ON PROPOSED 8" CONC. PAD
- 8 PROPOSED AT&T GPS ANTENNA (TYP. OF 2)
- 9 PROPOSED AT&T 7'-0" HIGH CHAIN LINK FENCE
- 10 PROPOSED AT&T 4'-0" WIDE STEEL DOOR
- 11 PROPOSED AT&T HORIZONTAL CABLE TRAY
- 12 EXISTING CONCRETE CURB
- 13 PROPOSED RETAINING WALL AT PROPOSED FENCE LOCATION
- 14 PROPOSED LOW RETAINING WALL, CONCRETE STOOP AND STEPS
- 15 PROPOSED CUT SLOPE
- 16 EXISTING GRADE
- 17 PROPOSED AT&T STEP DOWN TRANSFORMER
- 18 PROPOSED 42" W.I. GUARDRAIL
- 19 PROPOSED FOOTING PENDING STRUCTURAL REVIEW

NOTES:

- PROPOSED MONO-BROADLEAF TREE BRANCHES TO EXTEND A MINIMUM OF 2'-0" BEYOND PROPOSED ANTENNAS.
- PROPOSED MONO-BROADLEAF TREE SHALL SIMULATE THE SHAPE OF REAL TREE THERE SHALL BE VARIATION IN THE BRANCH SHAPES AND LENGTH. THE FAUX LEAVES SHALL BE SIMILAR IN COLOR AND SHAPE TO THAT OF A BROADLEAF TREE. SAMPLES AND PHOTOS MUST BE SUBMITTED PRIOR FOR APPROVAL.
- ANTENNAS CABLE, HARDWARE AND SUPPORT STRUCTURE SHALL BE PAINTED TO MATCH COLOR OF BROADLEAF TREE.
- PROPOSED MONOTREE TRUNK SHALL BE TEXTURED WITH HEAVY BARK LIKE FINISH. (FULL LENGTH).

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MICHELL J. ARCHITECTURE, INC.
4885 Bonson Court, Suite N
San Diego, CA 92117
619.450.3140 (cell) / 619.550.3140 (fax)
MICHELL J. ARCHITECTURE, INC. is a professional corporation licensed by the State of California. The undersigned is a duly licensed architect in the State of California. The undersigned is not a partner, officer, director, or shareholder of the corporation.



MORRO RESERVOIR
1750004
SAN JACINTO CIRCLE WEST
FALLBROOK, CA.

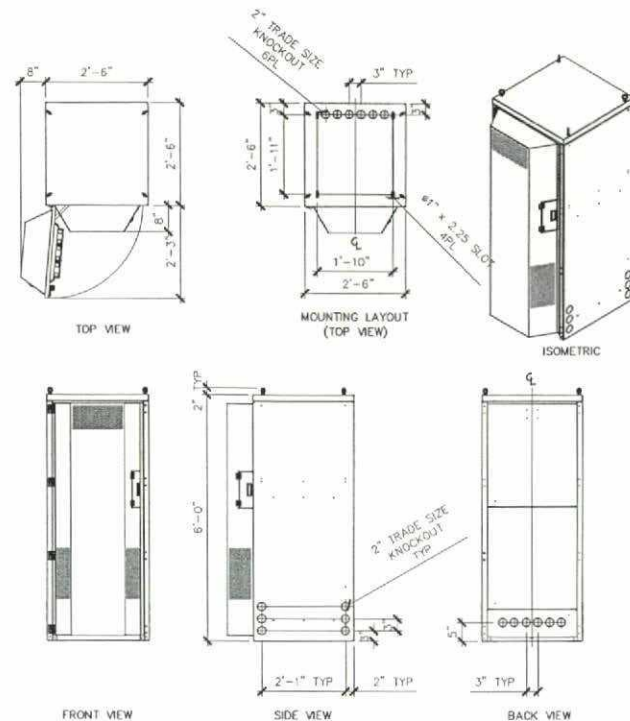


Project: NS0004
Date: 01-02-2012
Drawn By: pc
Checked By: mjc
Scale: AS SHOWN

Mitchell J. Architecture

A-301

ALPHA TE45V3 DUAL VOLTAGE 48/24 VDC ENCLOSURE
 DIMENSIONS, WxDxH: 762x762x1829mm (30"x30"x72")
 WEIGHT: 670 lbs (NO BATTERIES), 1811 lbs (FULLY LOADED)

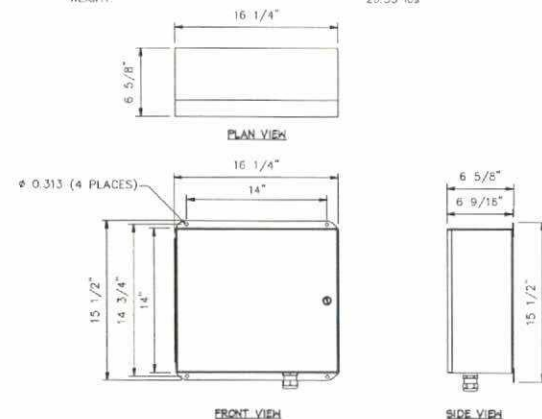


ALPHA POWER NODE CABINET

NO SCALE

1

RAYCAP FC12-PC6-10E
 DIMENSIONS, WxDxH: 412x168x394mm (16 1/4"x6 5/8"x15 1/2")
 WEIGHT: 20.35 lbs

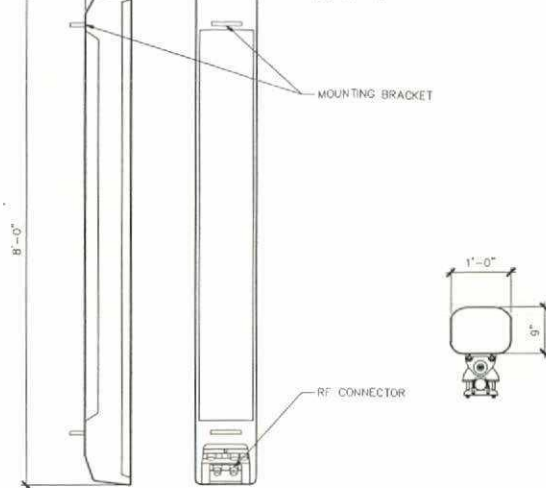


FIBER-OPTIC & DC POWER CONNECTION JUNCTION BOX

NO SCALE

4

MODEL: ERICSSON AIR21
 WEIGHT: 38 KG (83 LBS)
 HEIGHT: 96"
 WIDTH: 12"
 DEPTH: 9"

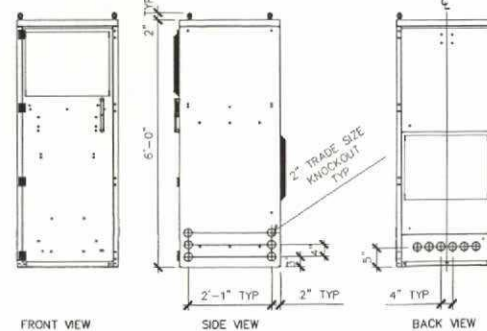
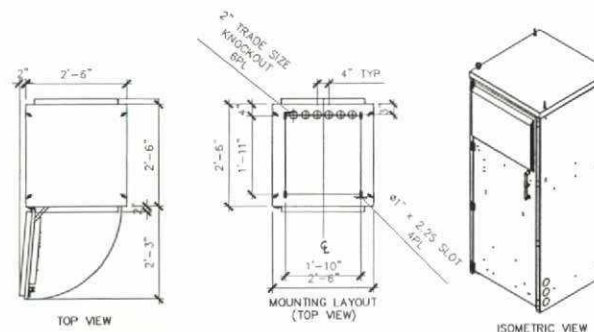


ANTENNA SPECIFICATIONS

NO SCALE

2

TE45V3 BATTERY ENCLOSURE
 WEIGHT: 800 LBS (NO BATTERIES)
 WEIGHT: 3500 LBS (FULLY LOADED-20 BATTERIES)
 135 LBS PER BATTERY



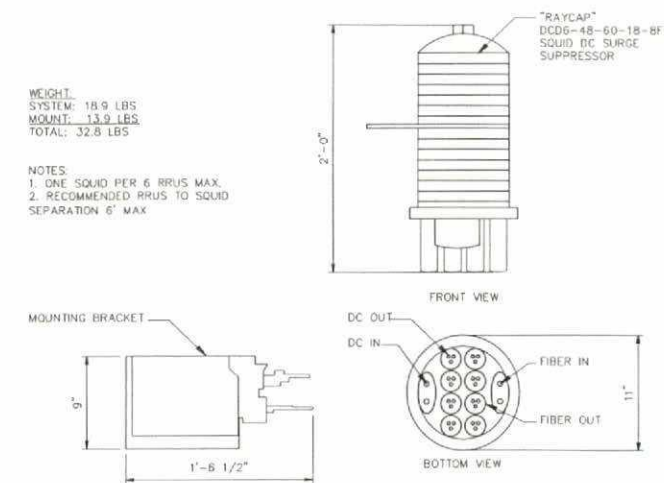
ALPHA BATTERY CABINET

NO SCALE

5

WEIGHT:
 SYSTEM: 18.9 LBS
 MOUNT: 13.9 LBS
 TOTAL: 32.8 LBS

NOTES:
 1. ONE SQUID PER 6 RRUS MAX.
 2. RECOMMENDED RRUS TO SQUID SEPARATION 6' MAX



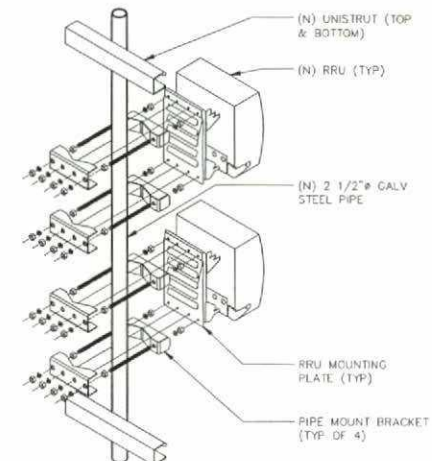
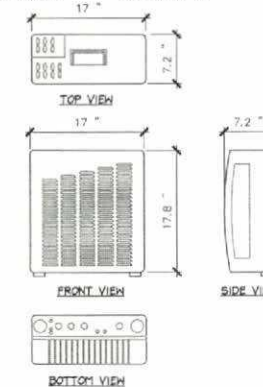
SURGE SUPPRESSOR DETAIL

NO SCALE

3

ERICSSON RRUS-11

DIMENSIONS, WxDxH: 431x184x452mm (17"x7.2"x17.8")
 POWER CONSUMPTION: 200 WATTS
 TOTAL WEIGHT: 55 lbs
 TEMPERATURE: -40° TO 55° C



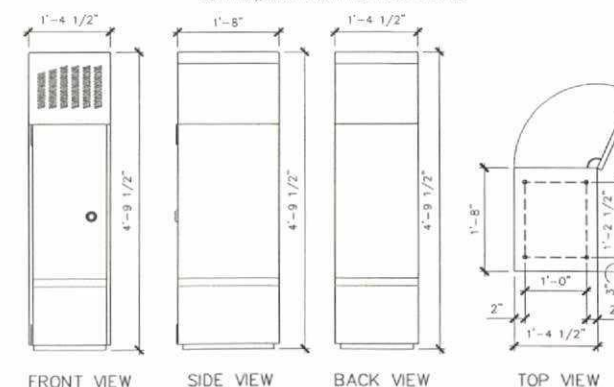
RRU SPECS AND ANTENNA PIPE MOUNT DETAIL

NO SCALE

6

ERICSSON RBS 6301

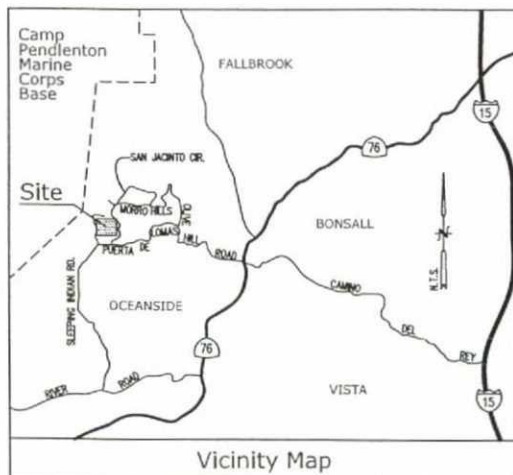
DIMENSIONS, WxDxH: 413x536x1465mm (1'4"x1'9"x4'9")
 WEIGHT: AC POWERED 264 lbs, DC POWERED 176 lbs (FULLY EQUIPPED), MAX WEIGHT PER PIECE 59.4 lbs.



ERICSSON 6301 SPECIFICATIONS

NO SCALE

7



Title Report

PREPARED BY: LAWYERS TITLE COMPANY
ORDER NO.: 12304228
DATE: OCTOBER 29, 2010

Legal Description

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:
PARCEL A:
THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 10 SOUTH, RANGE 4 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO UNITED STATES GOVERNMENT SURVEY DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT IN THE WEST LINE OF SAID SECTION 24, DISTANT THEREON SOUTH 07° 26' 51" EAST 761.0 FEET FROM THE NORTHWEST CORNER THEREOF; THENCE NORTH 89° 53' 10" EAST 180.0 FEET; THENCE SOUTH 10° 06' 50" EAST 761.0 FEET; THENCE SOUTH 40° 56' 26" WEST 294.04 FEET; THENCE SOUTH 87° 03' 10" WEST 124.0 FEET TO AN INTERSECTION WITH THE WEST LINE OF SAID SECTION 24; THENCE ALONG SAID WEST LINE NORTH 07° 26' 51" WEST 1027.0 FEET TO THE POINT OF BEGINNING.
PARCEL B:
BEGINNING AT THE NORTHWEST CORNER OF THE SAID NORTHWEST QUARTER OF SECTION 24; THENCE SOUTH 00° 26' 51" EAST 738.50 FEET ALONG THE WEST LINE OF THE NORTHWEST QUARTER OF SAID SECTION 24; THENCE SOUTH 07° 26' 51" EAST 18.00 FEET ALONG THE SOUTH LINE OF SAID SECTION 24; THENCE SOUTH 89° 53' 10" EAST 180.0 FEET TO THE TRUE POINT OF BEGINNING, BEING AN ANGLE POINT IN THE BOUNDARY LINE OF SAID WAYMAN LAND; THENCE CONTINUING SOUTH 89° 53' 10" EAST ALONG SAID NORTH LINE, 18 FEET; THENCE SOUTH 04° 56' 19" EAST 197.52 FEET TO A POINT, SAID POINT HEREINAFTER REFERRED TO AS POINT "B"; THENCE NORTH 10° 06' 50" WEST ALONG SAID BOUNDARY LINE OF WAYMAN LAND, 159.99 FEET TO THE TRUE POINT OF BEGINNING.
PARCEL C:
BEGINNING AT POINT "A" AS DESCRIBED IN PARCEL B ABOVE; THENCE SOUTH 10° 06' 50" EAST 560.01 FEET TO THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 24; THENCE SOUTH 89° 53' 10" EAST 18.00 FEET ALONG THE SOUTH LINE OF SAID SECTION 24; THENCE SOUTH 07° 26' 51" EAST 180.0 FEET TO THE TRUE POINT OF BEGINNING, BEING AN ANGLE POINT IN THE BOUNDARY LINE OF SAID WAYMAN LAND; THENCE CONTINUING SOUTH 89° 53' 10" EAST ALONG SAID NORTH LINE, 18 FEET; THENCE SOUTH 04° 56' 19" EAST 197.52 FEET TO A POINT, SAID POINT HEREINAFTER REFERRED TO AS POINT "B"; THENCE NORTH 10° 06' 50" WEST ALONG SAID BOUNDARY LINE OF WAYMAN LAND, 159.99 FEET TO THE TRUE POINT OF BEGINNING.
PARCEL D:
BEGINNING AT POINT "A" AS HEREINAFORE DESCRIBED; THENCE CONTINUING SOUTH 00° 26' 51" EAST ALONG SAID EAST LINE OF SAID SECTION 23, BEING ALSO THE WEST LINE OF SAID SECTION 24, A DISTANCE OF 556.26 FEET TO THE NORTH LINE OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 24; THENCE SOUTH 89° 53' 10" EAST ALONG SAID NORTH LINE, 278.57 FEET TO THE TRUE POINT OF BEGINNING, BEING AN ANGLE POINT IN THE BOUNDARY LINE OF SAID WAYMAN LAND; THENCE CONTINUING SOUTH 89° 53' 10" EAST ALONG SAID NORTH LINE, 18 FEET; THENCE SOUTH 04° 56' 19" EAST 197.52 FEET TO A POINT, SAID POINT HEREINAFTER REFERRED TO AS POINT "B"; THENCE NORTH 10° 06' 50" WEST ALONG SAID BOUNDARY LINE OF WAYMAN LAND, 159.99 FEET TO THE TRUE POINT OF BEGINNING.
PARCEL E:
BEGINNING AT POINT "B" AS HEREINAFORE DESCRIBED; THENCE SOUTH 10° 06' 50" EAST 132.50 FEET; THENCE SOUTH 87° 03' 10" WEST 234.71 FEET; THENCE NORTH 40° 56' 26" EAST ALONG SAID BOUNDARY OF WAYMAN LAND, 294.04 FEET TO THE POINT OF BEGINNING.

Assessor's Parcel No.

121-330-09

Easements

- ② EASEMENT TO SAN DIEGO COUNTY WATER AUTHORITY RECORDED FEBRUARY 13, 1948 IN BOOK 2658, PAGE 321, O.R. (PLOTTED HEREON)
- ⑦ EASEMENT TO SAN DIEGO GAS & ELECTRIC CO. RECORDED AUGUST 31, 1962 AS INST. NO. 151606, O.R. (NOT PLOTTED, DOCUMENT ILLIGIBLE)
- ⑧ EASEMENT TO SAN DIEGO GAS & ELECTRIC CO. RECORDED SEPTEMBER 11, 1963 AS INST. 162220, O.R. (PLOTTED HEREON)
- ⑨ EASEMENT IN FAVOR OF THE PUBLIC OVER ANY EXISTING ROADS LYING WITHIN SAID LAND.

Geographic Coordinates at Proposed Monoecalyptus

1983 DATUM: LATITUDE: 33° 17' 51.67" N LONGITUDE: 117° 15' 43.30" W
ELEVATION = 827.2 FEET ABOVE MEAN SEA LEVEL

CERTIFICATION:
THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALLY AND THAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET VERTICALLY. THE HORIZONTAL DATUM (GEOGRAPHIC COORDINATES) IS IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND IS EXPRESSED IN DEGREES, MINUTES, (1) AND SECONDS (2), TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATIONS) IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND IS DETERMINED TO THE NEAREST TENTH OF A FOOT.

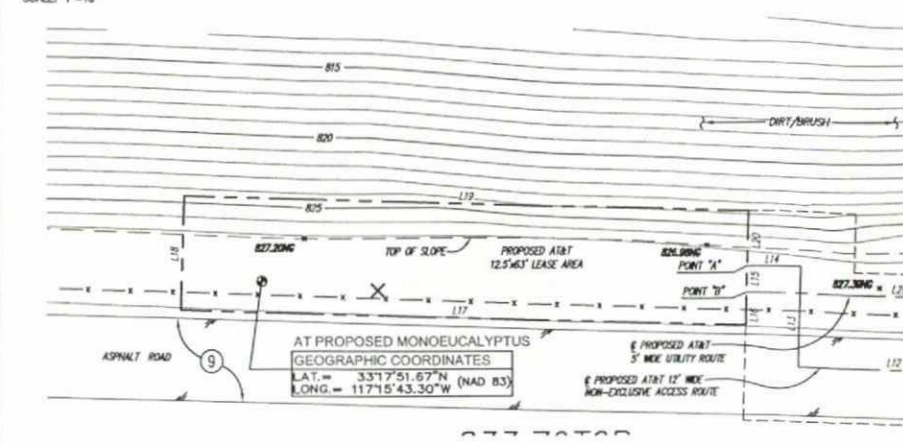
Access Route

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 10 SOUTH, RANGE 4 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO UNITED STATES GOVERNMENT SURVEY, BEING A STRIP OF LAND, 12.00 FEET WIDE, LYING 6.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE NORTHWEST CORNER OF SAID NORTHWEST QUARTER OF SECTION 24; THENCE S89°06'50"E, ALONG THE NORTHERLY LINE OF SAID SECTION, 272.29 FEET TO THE POINT OF BEGINNING; THENCE S01°50'04"E, 47.48 FEET; THENCE S84°05'40"E, 123.60 FEET; THENCE S39°05'28"E, 427.64 FEET; THENCE S45°27'17"W, 41.49 FEET; THENCE S63°10'23"W, 80.16 FEET; THENCE S37°06'00"W, 121.87 FEET; THENCE S21°37'14"W, 57.14 FEET; THENCE S02°43'18"E, 88.16 FEET; THENCE S23°55'12"E, 137.05 FEET; THENCE N06°11'16"W, 58.06 FEET; THENCE N43°12'57"W, 82.56 FEET; THENCE N60°02'36"W, 41.80 FEET; THENCE N87°17'40"W, 44.48 FEET; THENCE N01°42'20"E, 11.00 FEET; THENCE N87°17'40"W, 6.00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A" AND THE END OF SAID STRIP.

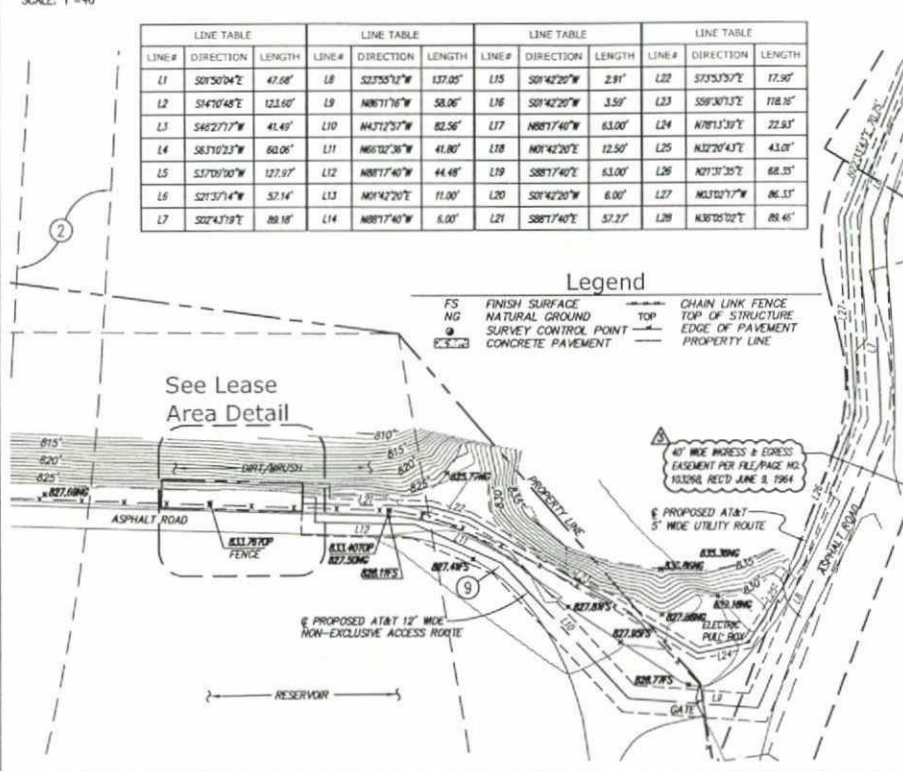
Lease Area Detail

SCALE: 1"=10'



Area Detail

SCALE: 1"=40'



Lease Area

BEGINNING AT POINT "A" AS DESCRIBED ABOVE; THENCE S01°42'20"W, 2.91 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "B"; THENCE CONTINUING S01°42'20"W, 3.59 FEET; THENCE N87°17'40"E, 63.00 FEET; THENCE N01°42'20"E, 12.50 FEET; THENCE S88°17'40"E, 63.00 FEET; THENCE S01°42'20"W, 6.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 787.5 SQUARE FEET, MORE OR LESS.

Utility Route

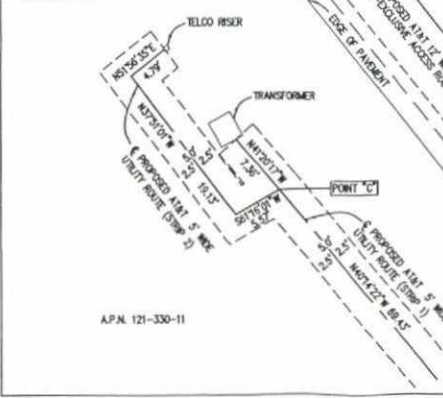
BEING 2 STRIPS OF LAND, 5.00 FEET WIDE, LYING 2.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

STRIP 1:
BEGINNING AT POINT "B" AS DESCRIBED ABOVE; THENCE S87°17'40"E, 52.27 FEET; THENCE S23°55'12"E, 17.90 FEET; THENCE S59°30'13"E, 118.16 FEET; THENCE N78°13'39"E, 22.83 FEET; THENCE N32°20'43"E, 43.01 FEET; THENCE N21°31'35"E, 68.35 FEET; THENCE N03°20'43"E, 86.33 FEET; THENCE N22°33'43"E, 70.75 FEET; THENCE N36°05'02"E, 88.45 FEET TO THE BEGINNING OF TANGENT CURVE CONCAVE SOUTHEASTERLY AND HAVING A RADIUS OF 140.00 FEET; THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 28°34'18", AN ARC DISTANCE OF 84.83 FEET; THENCE N02°36'18"E, 35.32 FEET TO THE BEGINNING OF A CURVE CONCAVE WESTERLY AND HAVING A RADIUS OF 10.00 FEET; THENCE NORTHERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 102°54'40", AN ARC DISTANCE OF 17.90 FEET; THENCE N43°12'22"W, 89.43 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "C"; THENCE N41°20'17"W, 7.36 FEET TO THE END OF SAID STRIP.

STRIP 2:
BEGINNING AT POINT "C" AS DESCRIBED ABOVE; THENCE S81°01'01"W, 5.57 FEET; THENCE N37°01'01"W, 16.13 FEET; THENCE N51°36'35"E, 4.79 FEET TO THE END OF SAID STRIP.

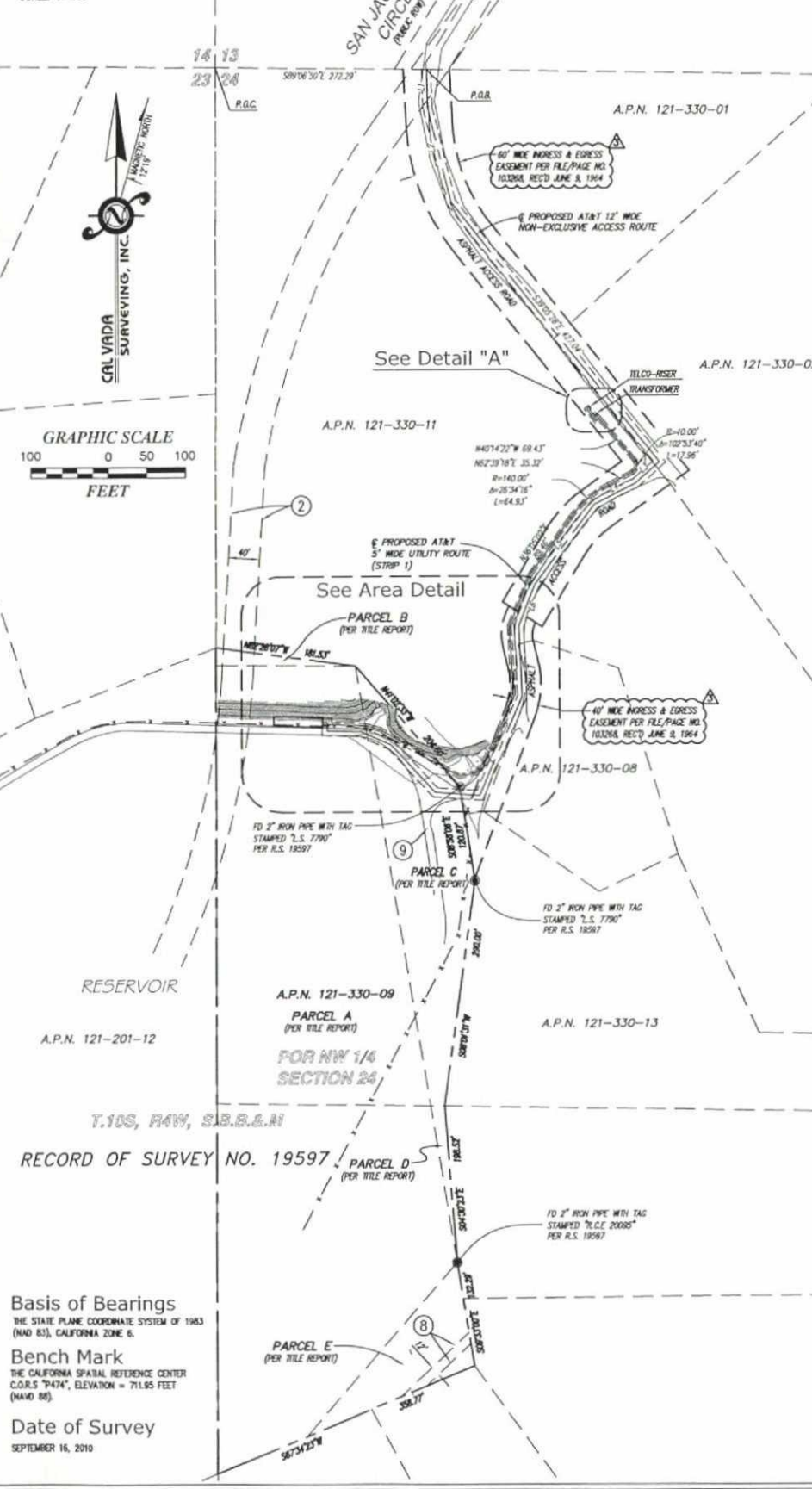
Detail "A"

SCALE: 1"=10'



Boundary Detail

SCALE: 1"=100'



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121

A&E:



11300 SORRENTO VALLEY ROAD
STE 230, SAN DIEGO, CA 92121
WWW.SACW.COM

PROJECT NO: 10699
DRAWN BY: HN
CHECKED BY: RG

REV	DATE	DESCRIPTION
1	02/04/2011	CLIENT'S COMMENTS
2	01/24/2011	CLIENT'S COMMENTS
1	11/10/2010	TITLE REPORT / FINAL
0	08/21/2010	SUBMITTAL

CALVADA SURVEYING, INC.

411 Jeras Cir., Suite 205, Corona, CA 92880
Phone: 951-280-9960 Fax: 951-280-9746
Toll Free: 800-CALVADA www.calvada.com

JOB NO. 10699

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

NS0004
MORRO RESERVOIR

SAN JACINTO CIR
FALBROOK, CA 92028
SAN DIEGO COUNTY

SHEET TITLE
TOPOGRAPHIC SURVEY

SHEET NUMBER

LS-1
SHEET 1 OF 1