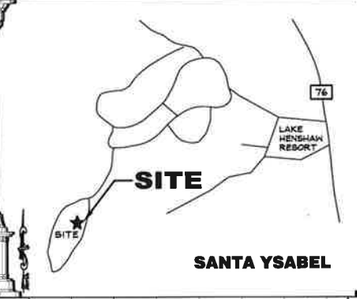
AT&T

SD0641 LAKE HENSHAW
26439 HIGHWAY 76 SANTA YSABEL, CA 92070

DIRECTIONS TO SITE FROM AT&T OFFICE:

1. START OUT GOING EAST ON TRADE ST TOWARD CARROLL WAY.
2. TAKE THE 1ST RIGHT ONTO CARROLL WAY
3. TURN LEFT ONTO CARROLL RD.
4. TURN LEFT ONTO MIRAMAR RD.
5. MIRAMAR RD BECOMES POMERADO RD.
6. TURN RIGHT TO STAY ON POMERADO RD.
7. TURN RIGHT ONTO SCRIPPS POWAY PKY.
8. TURN LEFT ONTO CA-67.
9. CA-67 BECOMES CA-78.
10. TURN LEFT ONTO CA-79.
11. TURN LEFT ONTO CA-76.
12. ARRIVE AT 26439 HIGHWAY 76.

DIRECTIONS TO SITE



VICINITY MAP

RF INITIALS: _____ DATE

ZONING/PLANNING INITIALS: _____ DATE

A/E MANAGER INITIALS: _____ DATE

CONSTRUCTION INITIALS: _____ DATE

SITE ACQUISITION INITIALS: _____ DATE

LANDLORD INITIALS: _____ DATE

CLIENT APPROVALS

ACCESSIBILITY DISCLAIMER

THIS PROJECT IS AN UNOCCUPIED WIRELESS TELECOMMUNICATIONS FACILITY AND, ACCORDING TO WRITTEN INTERPRETATION FROM THE CALIFORNIA DEPARTMENT OF THE STATE ARCHITECT, IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

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.

SIGNED _____

LICENSED ARCHITECT MITCHELL J. CAMPOMA No. C20355 REN. 3-31-15 STATE OF CALIFORNIA

TITLE 24 COMPLIANCE

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES: INCLUDING BUT NOT LIMITED TO:

1. 2010 CALIFORNIA BUILDING CODE (CBC) / 2009 INTERNATIONAL BUILDING CODE (IBC)
2. 2010 CALIFORNIA RESIDENTIAL CODE (CRC) / 2009 INTERNATIONAL RESIDENTIAL CODE (IRC)
3. 2010 CALIFORNIA ELECTRICAL CODE (CEC) / 2008 NATIONAL ELECTRICAL CODE (NEC)
4. 2010 CALIFORNIA MECHANICAL CODE (CMC) / 2009 UNIFORM MECHANICAL CODE (UMC)
5. 2010 CALIFORNIA PLUMBING CODE (CPC) / 2009 UNIFORM PLUMBING CODE (UPC)
6. 2010 CALIFORNIA FIRE CODE (CFC) / 2009 (IFC)
7. 2010 CALIFORNIA GREEN BUILDINGS STANDARDS CODE
8. 2008 BUILDING ENERGY EFFICIENCY STANDARDS

OPERATING FREQUENCIES		
	GSM	UMTS
Tx	869 - 874.6 MHz 890 - 891.4 MHz 1850 - 1852.5 MHz 1970 - 1980 MHz	874.6 - 879.6 MHz 1945 - 1950 MHz
Rx	824 - 829.4 MHz 845 - 846.4 MHz 1870 - 1872.5 MHz 1890 - 1900 MHz	829.6 - 834.4 MHz 1865 - 1869.5 MHz
MAX ERP:	850 MHz: 54 WATTS 1900 MHz: 54.5 WATTS	

APPLICABLE CODES

SITE NAME
LAKE HENSHAW

SITE NUMBER
SD0641

SITE ADDRESS
26439 HIGHWAY 76
SANTA YSABEL, CA 92070

AT&T PROJECT MANAGER
KEVIN McGEE
7337 TRADE STREET
SAN DIEGO, CA 92121
(858) 232-3496

ZONING:
A-72

(P) OCCUPANCY TYPE
B

(P) CONSTRUCTION TYPE
V-B

TELECOMMUNICATION CARRIERS
NO OTHER CARRIERS ON PROPERTY

PROPERTY OWNER
VISTA IRRIGATION DISTRICT
1391 ENGINEER ST.
VISTA, CA 92081
760-597-3100 PHONE

PROPOSED LEASE AREA
588 S.F.

APN:
189-080-30-00

JURISDICTION
COUNTY OF SAN DIEGO

PROJECT DESCRIPTION:

AT&T PROPOSES TO CONSTRUCT, OPERATE AND MAINTAIN AN UNMANNED DIGITAL MOBILE RADIO COMMUNICATIONS FACILITY ON THIS SITE CONSISTING OF:

- AT&T CMU EQUIPMENT ENCLOSURE WITH CHAIN LINK TOPPER & METAL TRELLIS.
- 6'-0" AT&T ANTENNAS, (4) PER SECTOR, (TOTAL OF 12)
- RRU'S, (8) PER SECTOR, (TOTAL OF 24)
- (1) 65 FT. HIGH FAUX MONO-BROADLEAF TREE
- SURGE SUPPRESSORS (TOTAL OF 4)
- GPS ANTENNAS (TOTAL OF 2)
- POWER & TELCO ROUTES TO PROPOSED EQUIPMENT

COORDINATES:

LATITUDE: 33°13'50.855" N LONGITUDE: 116°45'47.880" W

PROJECT SUMMARY

ARCHITECTS

MITCHELL J. ARCHITECTURE
4888 RONSON COURT, SUITE N
SAN DIEGO, CA 92111
TEL: (858) 650-3130
FAX: (858) 650-3140

CONTACT : JD NEWMAN
(PROJECT MANAGER)

PROJECT MANAGER

GOODMAN NETWORKS
SAN DIEGO, CA 92131

CONTACT:
WILLIAM CASTANARES
(760) 438-2301

PLANNING

PLANCOM, INC.
302 STATE PLACE
ESCONDIDO, CA 92029

CONTACT:
DUFFY DAUGHERTY
(925) 548-2050

SURVEYOR

JRN CIVIL ENGINEERS
232 AVENIDA FABRICANTE, #107
SAN CLEMENTE, CA 92672

CONTACT:
JAMES R. NEEDHAM
(949) 248-4685 EXT. 17

CONSULTANT TEAM

Sheet List Table	
Sheet Number	Sheet Title
G-001	TITLE SHEET - PROJECT INFORMATION & VICINITY MAP
A-100	BOUNDARY PLAN
A-101	SITE PLAN & NOTES
A-101.1	MINOR STORMWATER MANAGEMENT PLAN
A-102	ENLARGED SITE PLAN
A-201	EXTERIOR ELEVATIONS
A-202	EXTERIOR ELEVATIONS
A-301	EQUIPMENT AND ANTENNA LAYOUT PLAN
D-501	ANTENNA & EQUIPMENT DETAILS

SHEET INDEX

MCMXCVII

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
B	100% ZD Issue	04-08-13
C	Final ZD Issue	04-29-13
D	REV #1	08-02-13
E	REV #2	08-07-13
F	Planning Comments	09-13-13
G	REV #3	12-11-13
H	REV #4	12-16-13

Title Sheet, Project Information & Vicinity Map

MITCHELL J. ARCHITECTURE, INC.
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SD0641
26439 HIGHWAY 76
SANTA YSABEL, CA 92070

LICENSED ARCHITECT MITCHELL J. CAMPOMA No. C20355 REN. 3-31-15 STATE OF CALIFORNIA

Project	10099890
Date	12-16-2013
Drawn By	aj
Checked By	jd
Scale	AS SHOWN

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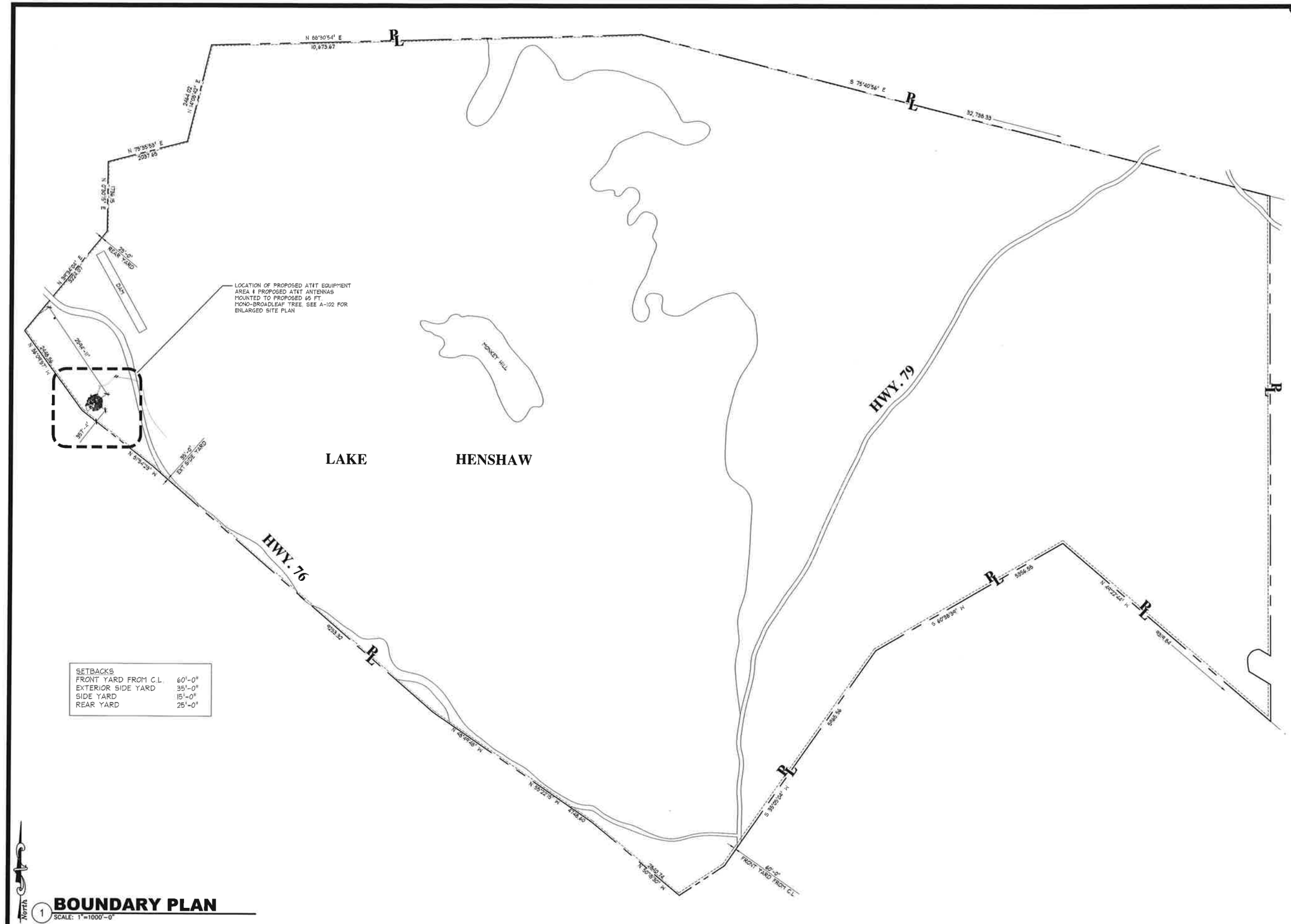
G-001



SETBACKS	
FRONT YARD FROM C.L.	60'-0"
EXTERIOR SIDE YARD	35'-0"
SIDE YARD	15'-0"
REAR YARD	25'-0"

1 **BOUNDARY PLAN**
SCALE: 1"=1000'-0"

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
B	100% ZD Issue	04-08-13
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G	REV #3	12-11-13

BOUNDARY PLAN

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LICENSED ARCHITECT
MICHAEL J. CARPENTER
No. C 20355
EXP. 1-31-15
STATE OF CALIFORNIA

Project	10099890
Date	12-11-2013
Drawn By	aj
Checked By	jd
Scale	1" = 1,000"

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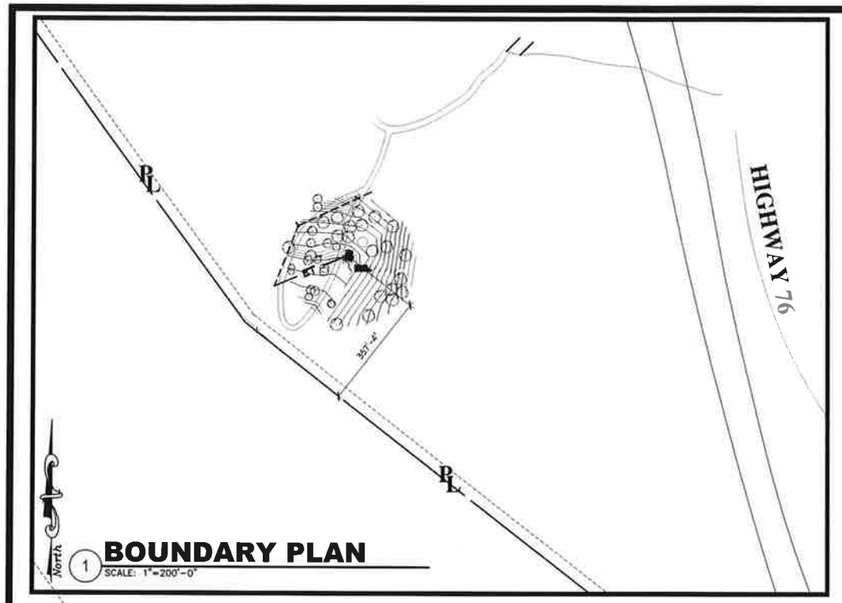
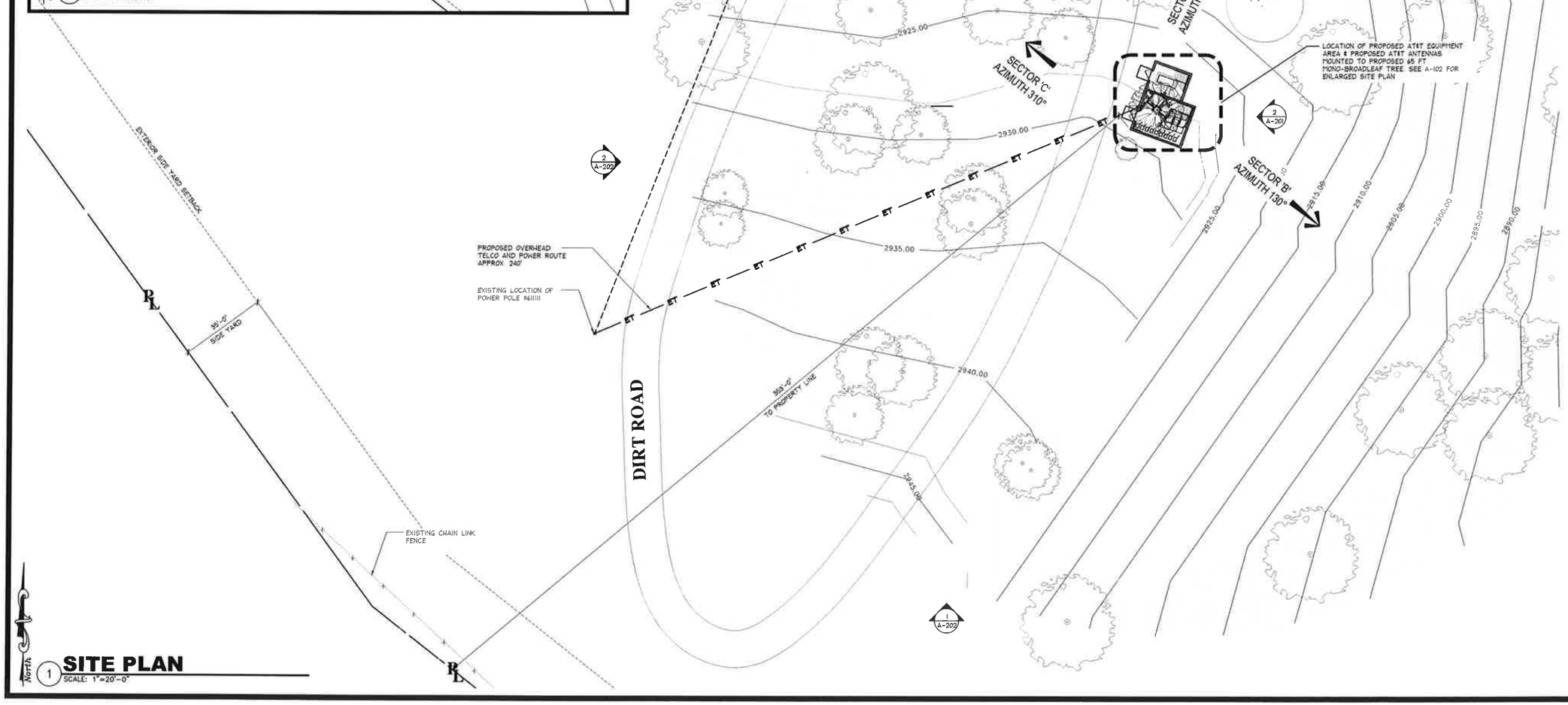
A-100



1 **BOUNDARY PLAN**
SCALE: 1"=200'-0"



1 **SITE PLAN**
SCALE: 1"=20'-0"

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
B	100% ZD Issue	04-08-13
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SITE PLAN & NOTES

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LICENSED ARCHITECT
MICHAEL J. CARDINAL
No. C 20355
REN. 3-31-15
STATE OF CALIFORNIA

Project	10099890
Date	12-11-2013
Drawn By	aj
Checked By	jd
Scale	AS SHOWN

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A-101

BMP LEGEND

MATERIALS & WASTE MANAGEMENT CONTROL BMPs:

- WM-1 MATERIAL DELIVERY & STORAGE
- WM-4 SPILL PREVENTION AND CONTROL
- WM-8 CONCRETE WASTE MANAGEMENT
- WM-5 SOLID WASTE MANAGEMENT
- WM-9 SANITARY WASTE MANAGEMENT
- WM-6 HAZARDOUS WASTE MANAGEMENT

TEMPORARY RUNOFF CONTROL BMPs:

- SC-5 FIBER ROLLS (STRAW WATTLES)
- SS-6 MULCH, STRAW, WOOD CHIPS, SOIL APPLICATION
- SS-3 BONDED FIBER MATRIX OR STABILIZED FIBER MATRIX
- TC-3 ENTRANCE/EXIT TIRE WASH

SOURCE CONTROL BMPs:

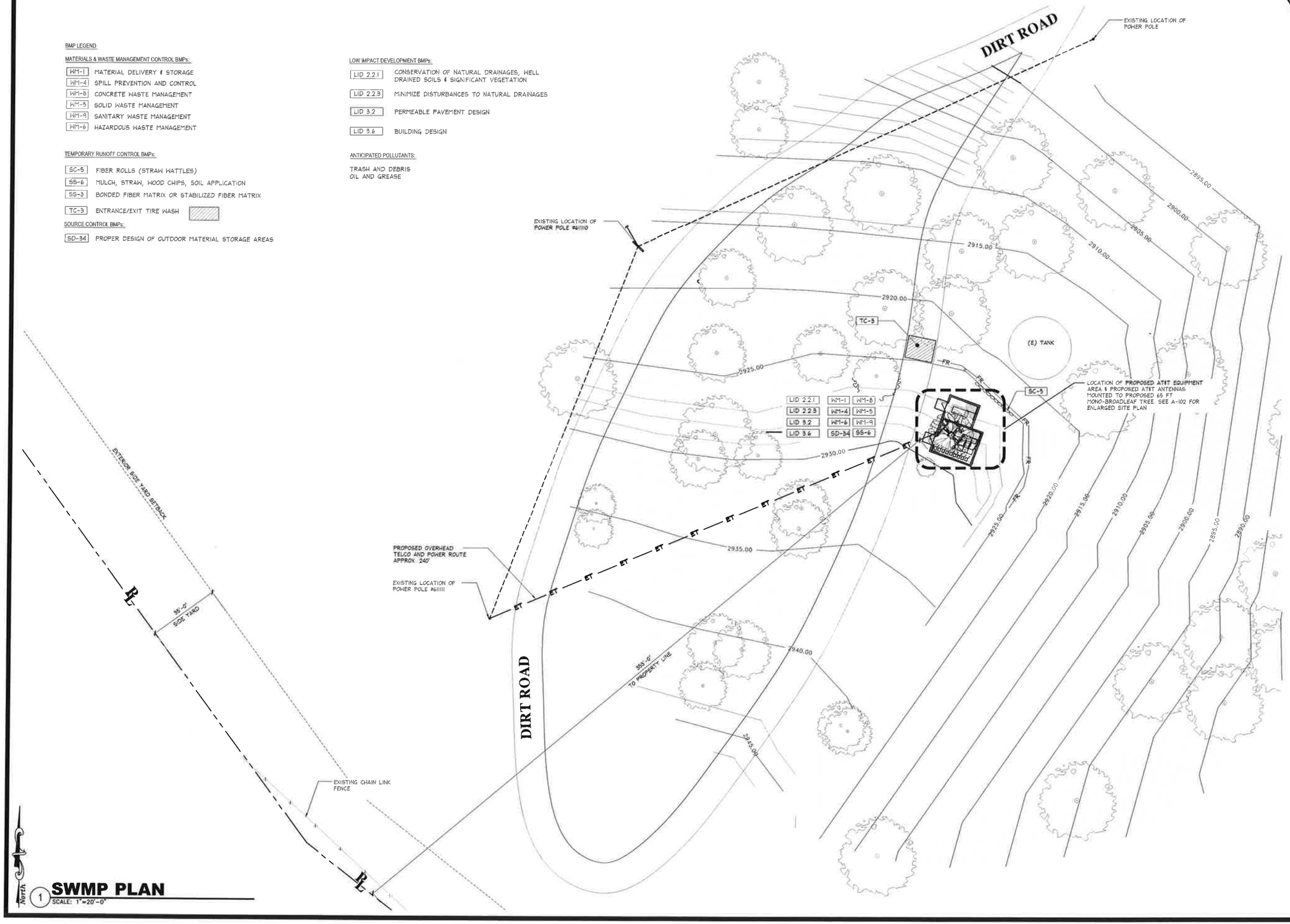
- SD-34 PROPER DESIGN OF OUTDOOR MATERIAL STORAGE AREAS

LOW IMPACT DEVELOPMENT BMPs:

- LID 2.2.1 CONSERVATION OF NATURAL DRAINAGES, WELL DRAINED SOILS & SIGNIFICANT VEGETATION
- LID 2.2.3 MINIMIZE DISTURBANCES TO NATURAL DRAINAGES
- LID 3.2 PERMEABLE PAVEMENT DESIGN
- LID 3.6 BUILDING DESIGN

ANTICIPATED POLLUTANTS:

TRASH AND DEBRIS
OIL AND GREASE



1 SWMP PLAN
SCALE: 1"=20'-0"

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
B	100% ZD Issue	04-08-13
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MINOR STORMWATER MANAGEMENT PLAN

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MITCHELL J. CARDONA
No. C20355
EXP. 3-31-15
STATE OF CALIFORNIA

Project	10099890
Date	12-11-2013
Drawn By	aj
Checked By	jd
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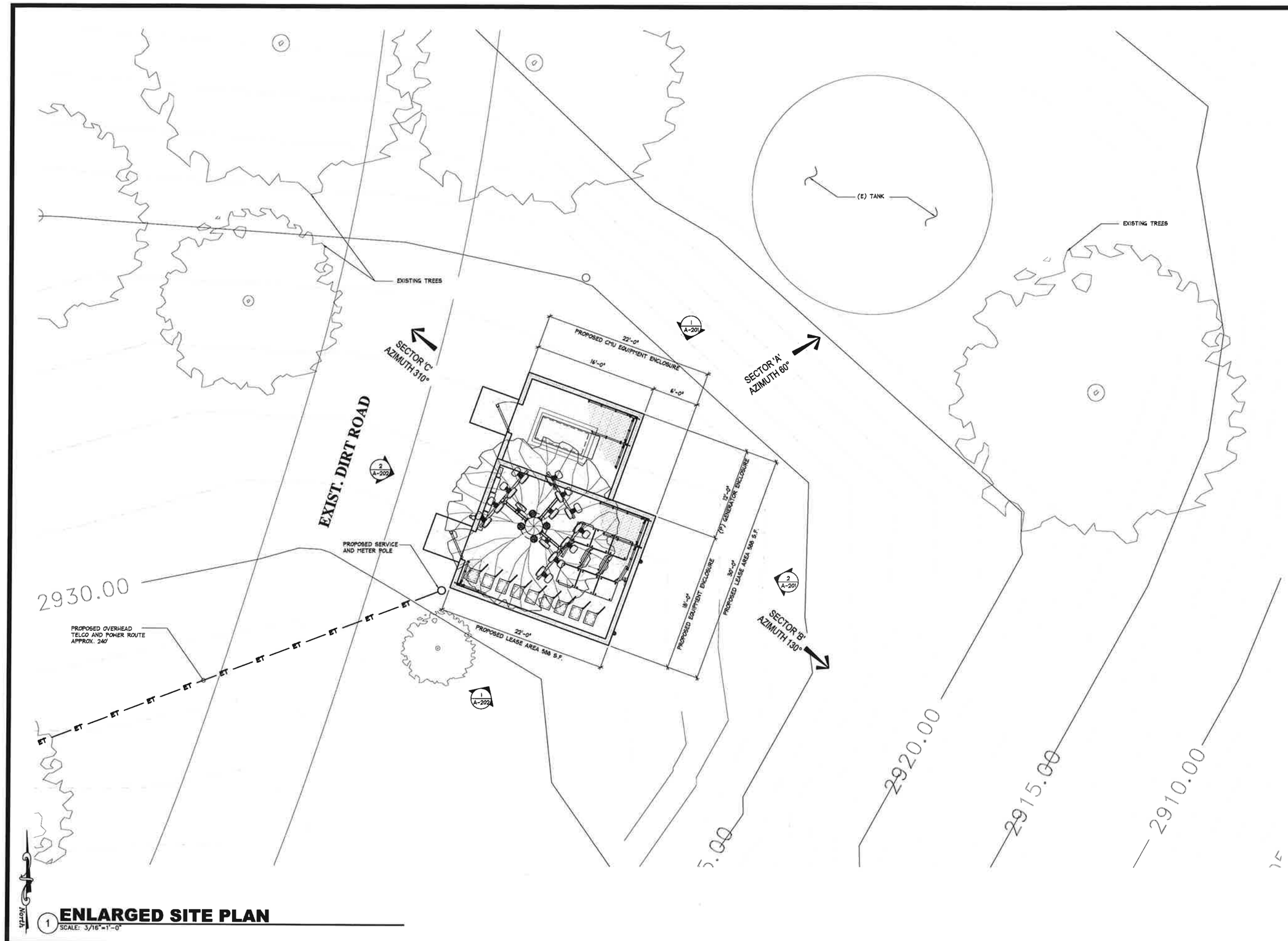
A-101.1



1 **ENLARGED SITE PLAN**
SCALE: 3/16"=1'-0"

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
B	100% ZD Issue	04-08-13
C	Final ZD Issue	04-29-13
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G	REV #3	12-11-13
H	REV #4	12-16-13

ENLARGED SITE PLAN

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LICENSED ARCHITECT
MITCHELL J. CAMPBELL
No. C20355
EXP. 3-31-15
STATE OF CALIFORNIA

Project	10099890
Date	12-16-2013
Drawn By	aj
Checked By	jd
Scale	AS SHOWN

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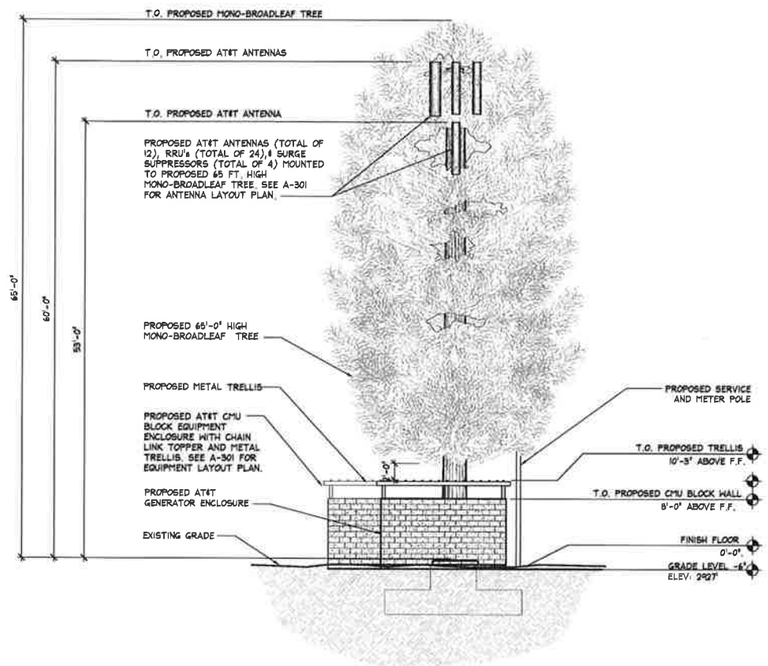
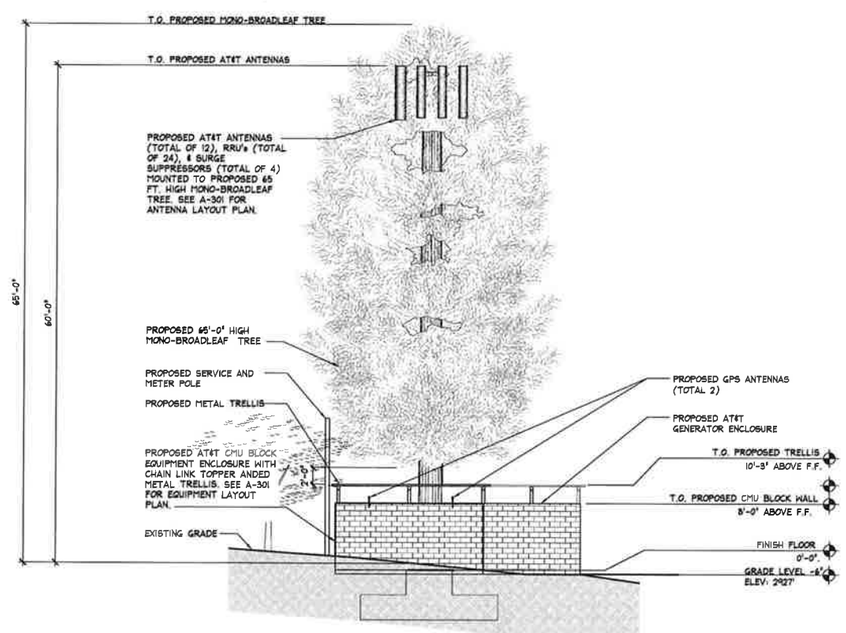
A-102



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



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

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
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H	REV #4	12-16-13

EXTERIOR ELEVATIONS

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architecture Mitchell J architecture

LICENSED ARCHITECT
MITCHELL J. CAMPAGNA
No. C20355
REN. 3-31-15
STATE OF CALIFORNIA

Project	10099890
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Drawn By	aj
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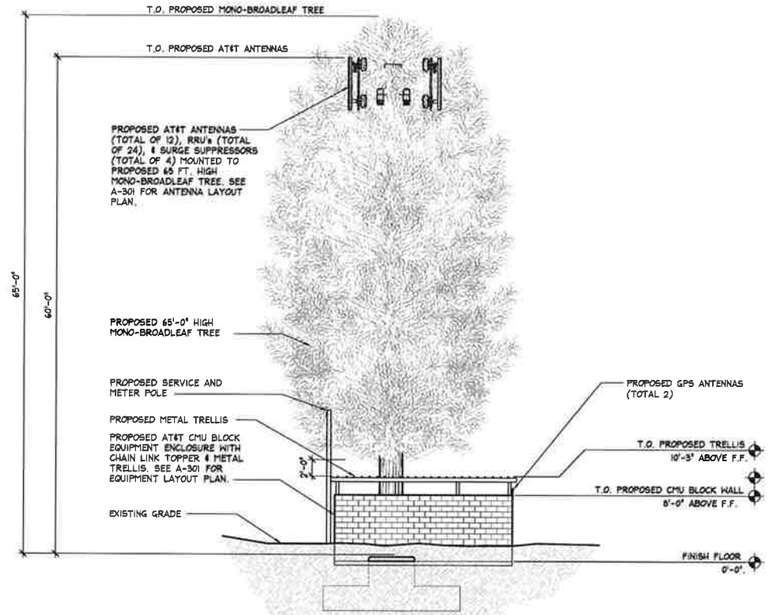
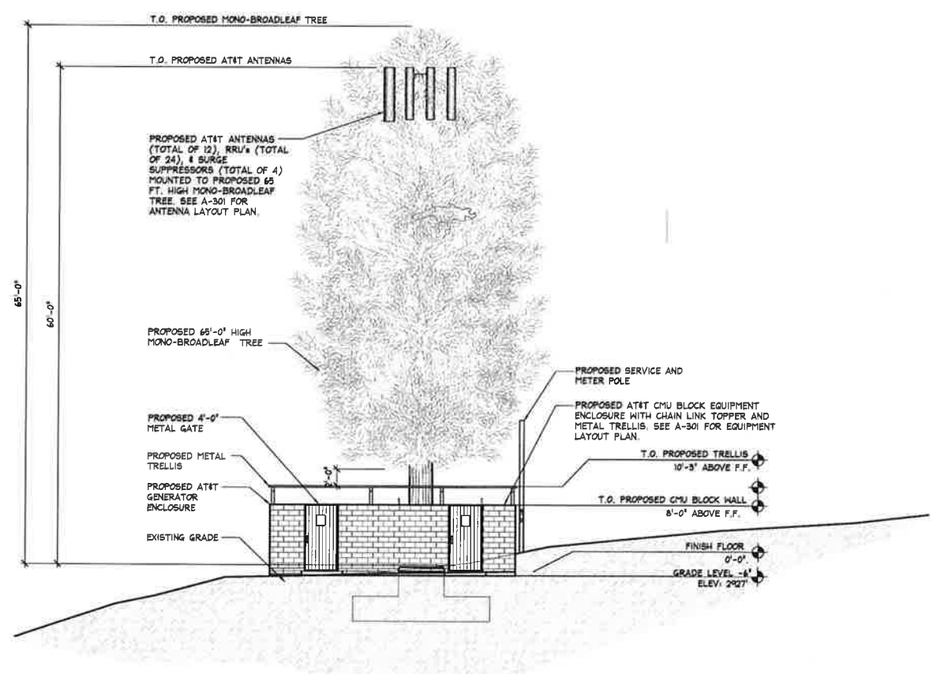
A-201



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



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

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
B	100% ZD Issue	04-08-13
C	Final ZD Issue	04-29-13
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H	REV #4	12-16-13

EXTERIOR ELEVATIONS

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LICENSED ARCHITECT
MITCHELL J. CAMPBELL
No. C20355
REN. 2-31-15
STATE OF CALIFORNIA

Project	10099890
Date	12-16-2013
Drawn By	aj
Checked By	jd
Scale	AS SHOWN

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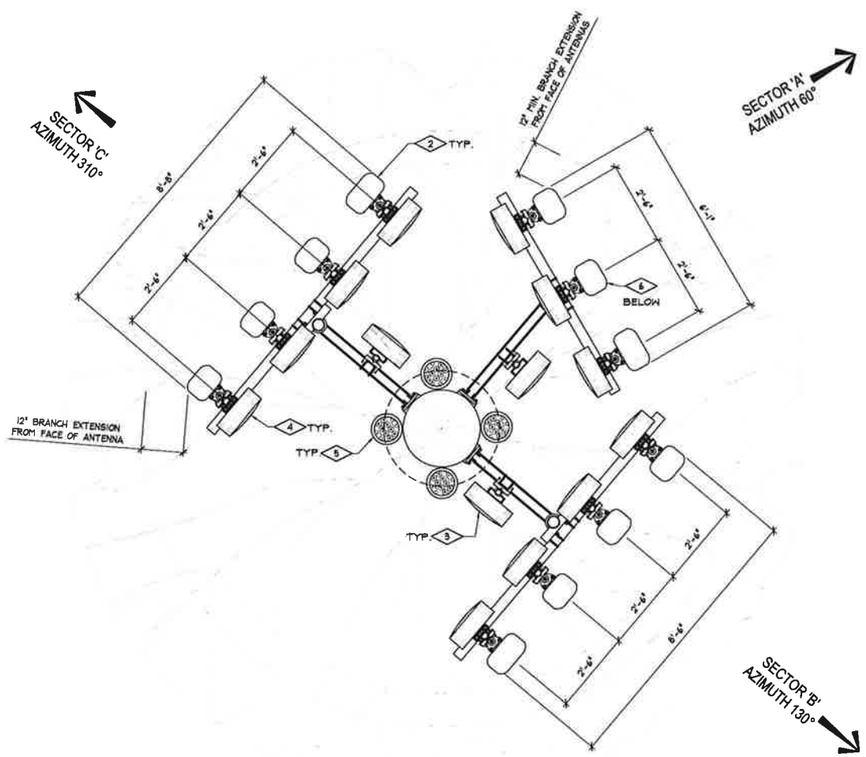
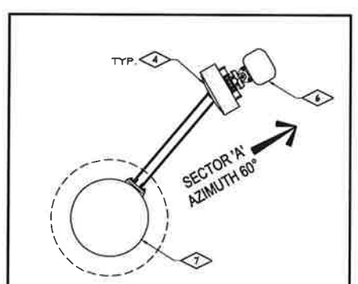
A-202

FINAL ANTENNA AND COAX SCHEDULE							
SECTOR	AZIMUTH		ANTENNA SIZE	ANTENNA TIP HEIGHT	RRU	COAX/FIBER LENGTH (+/- 5')	COAX SIZE
ALPHA	1	60°	78.0" X 14.8" X 8.6"	60'-0"	RRUS-11 (4)	75'-0"	7/8"/FIBER
	2		72.0" X 11.9" X 7.1"	60'-0"			
	3		72.0" X 11.9" X 7.1"	60'-0"			
	4		72.0" X 11.9" X 7.1"	59'-0"			
BETA	1	130°	78.0" X 14.8" X 8.6"	60'-0"	RRUS-11 (4)	75'-0"	7/8"/FIBER
	2		72.0" X 11.9" X 7.1"	60'-0"			
	3		72.0" X 11.9" X 7.1"	60'-0"			
	4		72.0" X 11.9" X 7.1"	60'-0"			
GAMMA	1	310°	78.0" X 14.8" X 8.6"	60'-0"	RRUS-11 (4)	75'-0"	7/8"/FIBER
	2		72.0" X 11.9" X 7.1"	60'-0"			
	3		72.0" X 11.9" X 7.1"	60'-0"			
	4		72.0" X 11.9" X 7.1"	60'-0"			





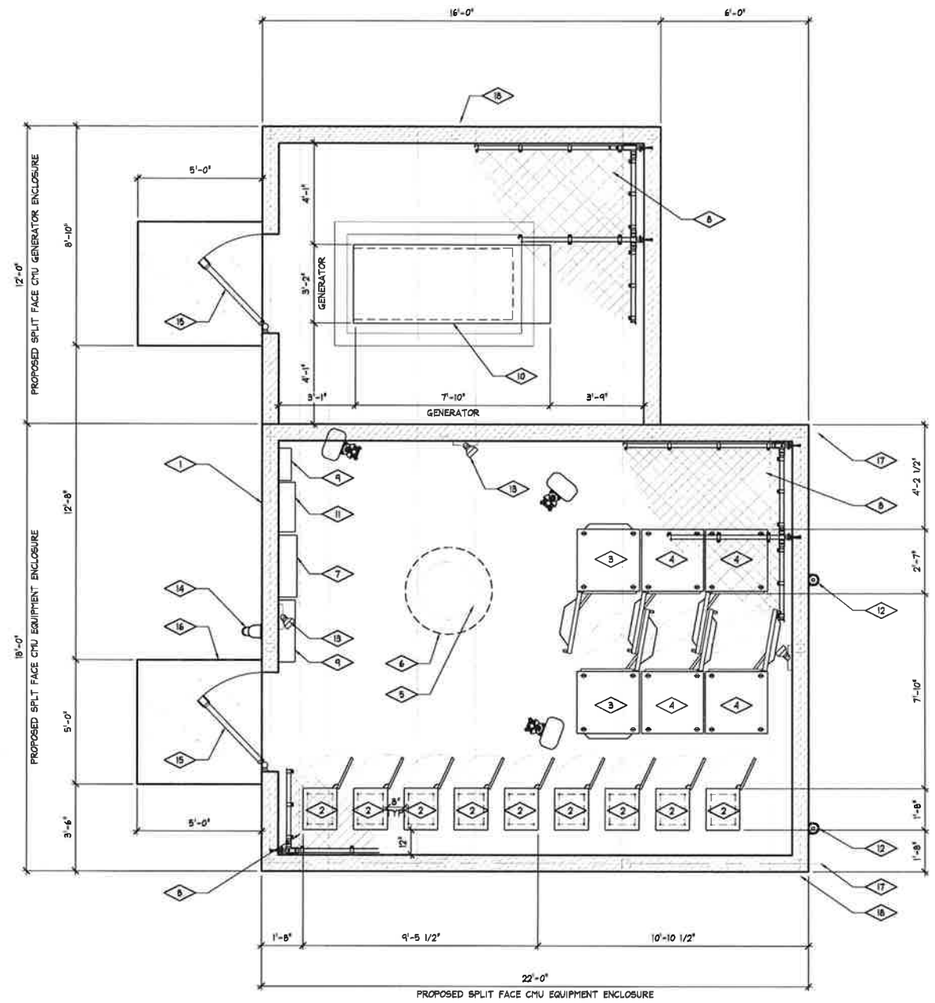
ANTENNA LAYOUT PLAN @ 50'-0" RAD CENTER

ANTENNA LAYOUT PLAN KEY NOTES:

1. PROPOSED 65'-0" HEIGHT MONO-BROADLEAF TREE.
2. PROPOSED AT&T ANTENNAS (TOTAL OF 12).
3. PROPOSED 1- REMOTE RADIO UNIT MOUNTED TO ARM SUPPORT.
4. PROPOSED 2- REMOTE RADIO UNITS MOUNTED TO ANTENNA SUPPORT.
5. PROPOSED 4-SURGE SUPPRESSOR UNITS ANCHORED TO FAUX TREE.
6. PROPOSED AT&T ANTENNA FOR SECTOR 'A' AT RAD CENTER OF 50'-0" (TOTAL OF 1); PLEASE SEE NORTH ELEVATION ON 1/A201.
7. PROPOSED MONO-BROADLEAF POLE.

North

1 ANTENNA LAYOUT PLAN
SCALE: 1/2"=1'-0"



EQUIPMENT SHELTER KEY NOTES

1. PROPOSED AT&T (22'-0" x 18'-0") CMU SPLIT FACE BLOCK EQUIPMENT ENCLOSURE WITH METAL TRELLIS (396 S.F.)
2. PROPOSED AT&T MOBILITY ERICSSON OUTDOOR RADIO CABINET & BASE FRAME (RBS 6301) (TOTAL 4) (21-1/8" WIDE X 57-5/8" HIGH X 16-1/4" DEEP) (WEIGHT 500 LBS.)
3. PROPOSED AT&T MOBILITY OUTDOOR POWER EQUIPMENT CABINET (ALPHA TE45V3) (30" WIDE X 72" HIGH X 30" DEEP) (WEIGHT: 1370 LBS.)
4. PROPOSED AT&T MOBILITY BATTERY EXPANSION CABINET (ALPHA TE45V3B) (30" WIDE X 72" HIGH X 30" DEEP) (WEIGHT: 3220 LBS.)
5. PROPOSED TREE TRUNK
6. PROPOSED TREE FOOTING
7. PROPOSED 'INTERSECT INC.' MP SERIES 200 AMP POWER DISTRIBUTION LOAD CENTER AND MANUAL TRANSFER SWITCH MOUNTED TO CMU WALL (20" WIDE X 10" DEEP X 40" HIGH WEIGHT 90 LBS.)
8. PROPOSED CHAINLINK TOPPER SET AT TOP OF CMU WALL
9. PROPOSED 'ETHERNET' EQUIPMENT CABINET MOUNTED TO CMU WALL (CIENA/UM 15-3/4" WIDE X 27" HIGH X 6" DEEP)
10. (P) AT&T GENERATOR "GENERAC UNIT MODEL NO. SD050 OR EQUIVALENT SIZED UNIT W/ BACKUP DIESEL TANK INSIDE AN 8'-0" HIGH "NOISE CONTROL FEATURE" CMU BLOCK WALLS.
11. PROPOSED FTE PANEL
12. PROPOSED GPS ANTENNAS (TOTAL 2) MOUNTED TO CMU SHELTER (MINIMUM 10'-0" SEPARATION)
13. PROPOSED TIMER SWITCH OPERATED LIGHT FIXTURE MOUNTED TO WALL
14. PROPOSED GENERATOR LUG BOX FOR EMERGENCY GENERATOR CONNECTION MOUNT TO CMU WALL
15. PROPOSED 4 FT. WIDE STEEL ACCESS DOOR
16. PROPOSED 5'X5' CONCRETE STOOP
17. PROPOSED 4"X6"X3/16" GALV. TS
18. PROPOSED 2"X2"X3/16" GALV. TS

North

2 EQUIPMENT LAYOUT PLAN
SCALE: 3/8"=1'-0"

No.	Revision / Issue	Date
A	90% ZD Issue	03-29-13
B	100% ZD Issue	04-08-13
C	Final ZD Issue	04-29-13
D	REV #1	08-02-13
E	REV #2	08-07-13
F	Planning Comments	09-13-13
G	REV #3	12-11-13

EQUIPMENT AND ANTENNA LAYOUT PLAN

MITCHELL J. ARCHITECTURE, INC.
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Mitchell J. architecture

LICENSED ARCHITECT
MITCHELL J. CAMPAGNA
No. C20355
EXP. 3-31-15
STATE OF CALIFORNIA

Project	10099890
Date	12-11-2013
Drawn By	aj
Checked By	jd
Scale	AS SHOWN

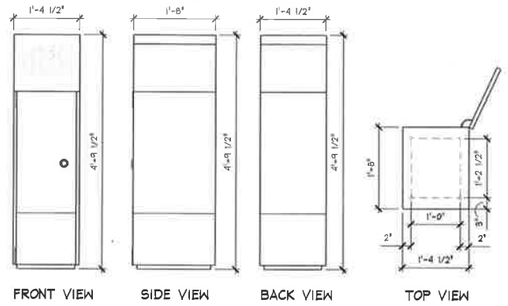
Mitchell J. Architecture

A-301

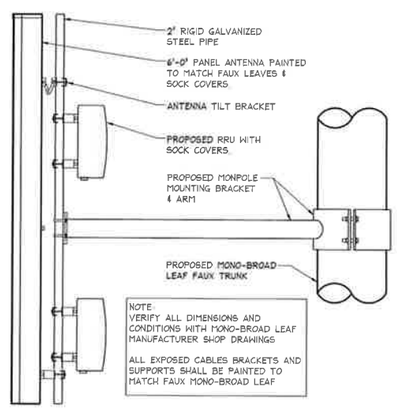
ERICSSON RBS 6301

DIMENSIONS, WxDxH: 413x536x1465mm (1'4"x1'9"x4'9")

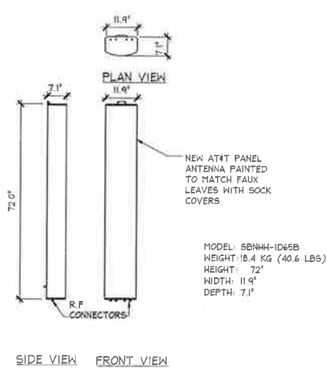
WEIGHT: AC POWERED 264 lbs, DC POWERED 176 lbs (FULLY EQUIPPED), MAX WEIGHT PER PIECE 59.4 lbs.



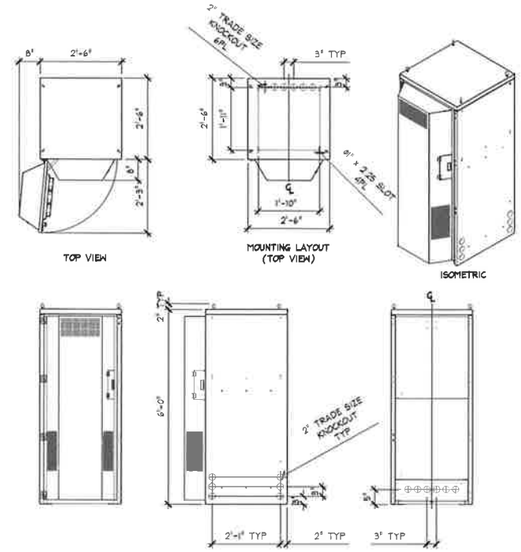
6 ERICSSON RBS 6301
SCALE: 3/4"=1'-0"



7 ANTENNA & RRU MOUNTING DETAIL
SCALE: 3/4"=1'-0"

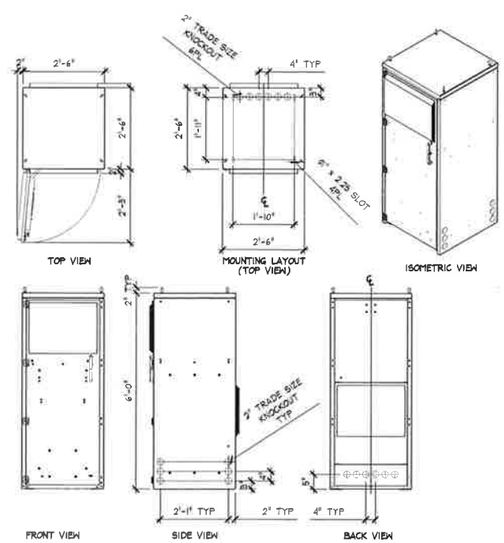


8 ANTENNA DETAIL
SCALE: 1/2"=1'-0"

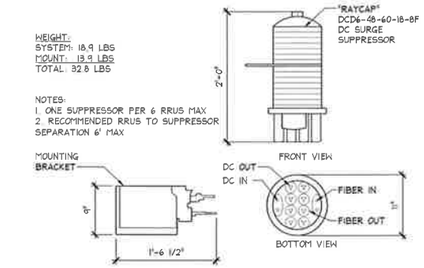


4 POWER CABINET
SCALE: 1/2" = 1'-0"

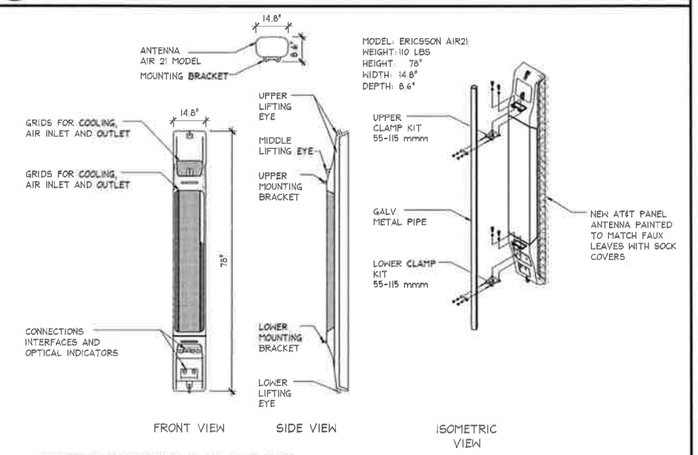
TE45V3 BATTERY ENCLOSURE
WEIGHT: 800 LBS (NO BATTERIES)
WEIGHT: 3500 LBS (FULLY LOADED-20 BATTERIES 135 LBS PER BATTERY)



5 BATTERY CABINET
SCALE: 1/2" = 1'-0"



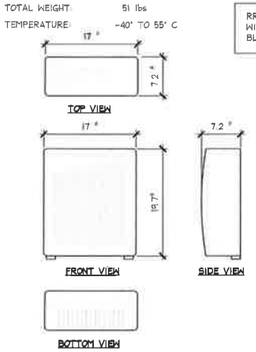
1 SURGE SUPPRESSOR SPEC.
SCALE: 1/2" = 1'-0"



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

DIMENSIONS, WxDxH: 431x184x500mm (17"x7.2"x19.7")
POWER CONSUMPTION: 200 WATTS
TOTAL WEIGHT: 51 lbs
TEMPERATURE: -40° TO 55° C

RRU'S COVERED WITH SOCKS TO BLEND WITH TREE.



3 RRU SPECIFICATIONS
SCALE: 3/4"=1'-0"

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ANTENNA AND EQUIPMENT DETAILS

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LICENSED ARCHITECT
MICHAEL J. CAUDILL
No. C20355
EXP. 3-31-15
STATE OF CALIFORNIA

Project	10099890
Date	12-11-2013
Drawn By	aj
Checked By	jd
Scale	NO SCALE

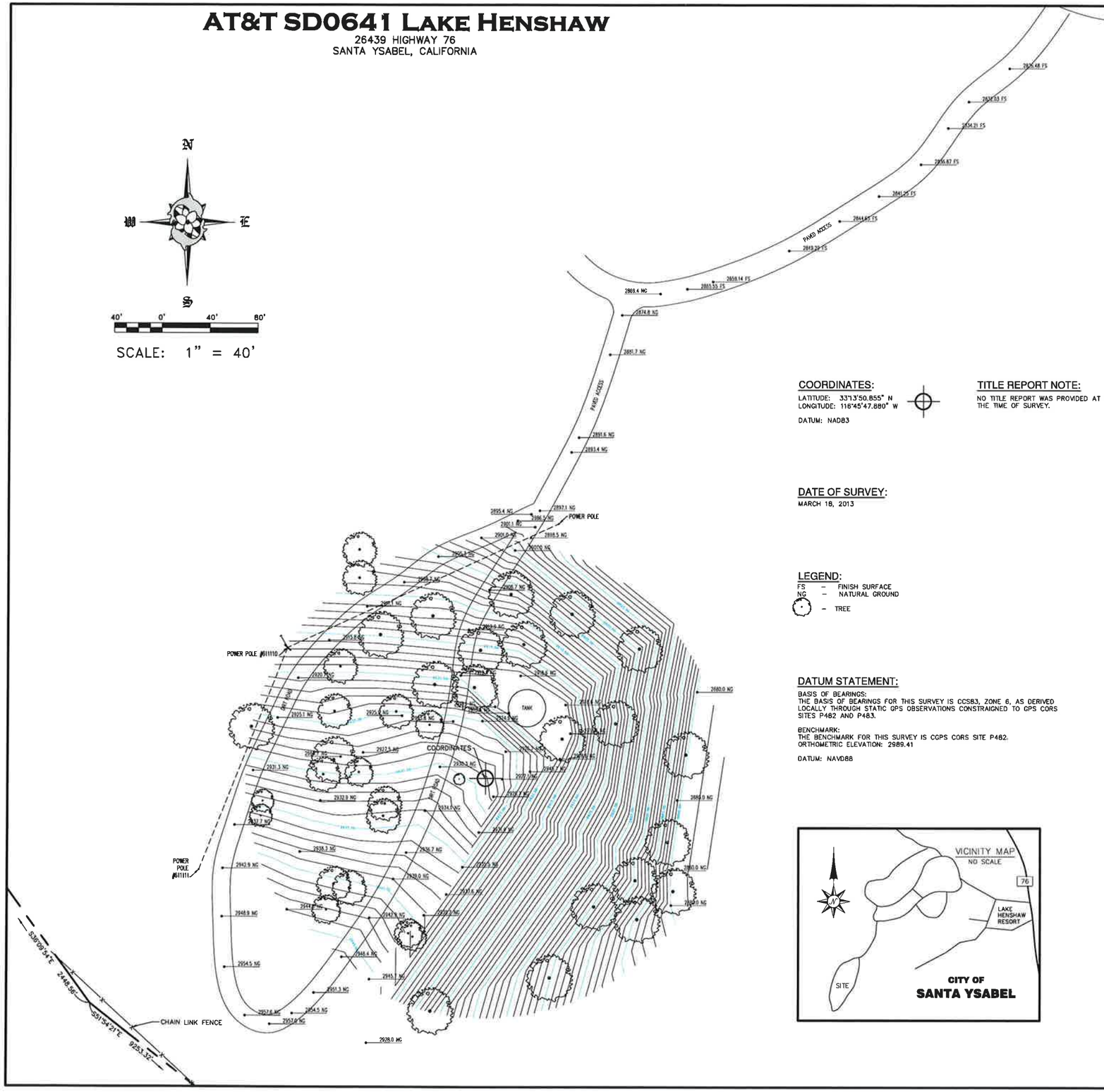
Mitchell J. Architecture

D-501

AT&T SD0641 LAKE HENSHAW

26439 HIGHWAY 76
SANTA YSABEL, CALIFORNIA

SCALE: 1" = 40'



COORDINATES:

LATITUDE: 33°13'50.855" N
LONGITUDE: 116°45'47.880" W

DATUM: NAD83

TITLE REPORT NOTE:

NO TITLE REPORT WAS PROVIDED AT THE TIME OF SURVEY.

DATE OF SURVEY:

MARCH 18, 2013

LEGEND:

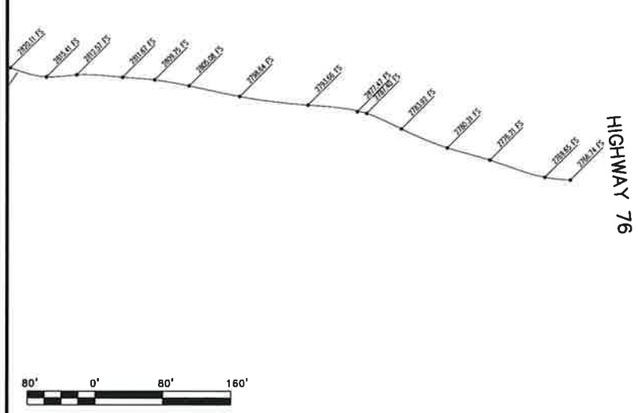
FS – FINISH SURFACE
NG – NATURAL GROUND
– TREE

DATUM STATEMENT:

BASIS OF BEARINGS:
THE BASIS OF BEARINGS FOR THIS SURVEY IS CCS83, ZONE 6, AS DERIVED LOCALLY THROUGH STATIC GPS OBSERVATIONS CONSTRAIGNED TO GPS CORS SITES P482 AND P483.

BENCHMARK:
THE BENCHMARK FOR THIS SURVEY IS CGPS CORS SITE P482.
ORTHOMETRIC ELEVATION: 2989.41

DATUM: NAVD88



SCALE: 1" = 80'

REVISIONS

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232 AVENIDA FABRICANTE, STE. 107
SAN CLEMENTE, CALIFORNIA 92672
(949) 248-4685 FAX (949) 248-4687

AT&T SD0641 LAKE HENSHAW

ADDRESS: 26439 HIGHWAY 76, SANTA YSABEL, CALIFORNIA

CLIENT: MITCHELL J

SCALE: 1" = 40'
DATE: 03/18/2013
DRAWN BY: JJO
CHKD. BY: JLM

SHEET 1 OF 1

FILE NO. 12566