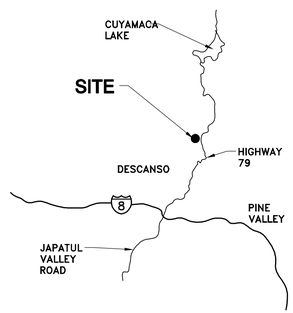
DESCANSO
11190 HIGHWAY 79
DESCANSO, CA. 91916
SD0653

VICINITY MAP



THOMAS GUIDE PAGE: 1216–F5

N

ADDRESS:
11190 HIGHWAY 79
DESCANSO, CA. 91916

COORDINATES (NAD 83):
LATITUDE: 32°53'15.91" NORTH
LONGITUDE: 116°34'46.87" WEST

CONSULTANT TEAM

ARCHITECT:
BOOTH & SUAREZ ARCHITECTURE, INC
325 CARLSBAD VILLAGE DRIVE, SUITE D2
CARLSBAD, CA 92018
(760) 434–8474
(760) 434–8596 (FAX)

PLANNING & ZONING:
PLANCOM, INC.
302 STATE PLACE
ESCONDIDO, CA 92029
KRYSTAL PATTERSON
(760) 715–8703

SURVEYOR:
FLOYD SURVEYING, INC.
28936 OLD TOWN FRONT STREET, STE 203
TEMECULA, CA 92590
(951) 694–8647

PROJECT SUMMARY

APPLICANT: AT&T MOBILITY NSB PROGRAM – SAN DIEGO
7337 TRADE STREET, 3 EAST, ROOM 3684
SAN DIEGO, CA 92121–4202
(858) 453–3388

SITE CONTACT: KRYSTAL PATTERSON
(760) 715–8703

OWNER: MARTIN BERNARD J TRUST 05–12–98
11190 HIGHWAY 79
DESCANSO, CA. 91916

CONTACT: DR. BERNIE MARTIN/PEGGY MARTIN
(619) 445–1289

JURISDICTION: COUNTY OF SAN DIEGO

PROJECT DESCRIPTION:

- INSTALLATION OF **AT&T MOBILITY** TELECOMMUNICATIONS EQUIPMENT INSIDE A 12'–8" x 22'–0" CONCRETE BLOCK EQUIPMENT SHELTER TO MATCH EXISTING ADJACENT VERIZON WIRELESS SHELTER
- INSTALLATION OF A 40'–0" MONOPINE. INSTALL THREE (3) SECTORS OF FOUR (4) ANTENNAS EACH SECTOR (TOTAL OF 12) WITH EIGHT (8) RRU UNITS PER SECTOR (TOTAL OF 24) MOUNTED BEHIND ANTENNAS
- INSTALLATION OF TWO NEW GPS ANTENNAS MOUNTED TO ROOF OVERHANG
- INSTALLATION OF A NEW 200 AMP ELECTRICAL SERVICE FROM EXISTING SDG&E TRANSFORMER. ROUTE THROUGH EXISTING UNDERGROUND CONDUIT.
- INSTALLATION OF A NEW TELCO/FIBER SERVICE FROM EXISTING TELCO PEDESTAL. ROUTE CONDUIT FROM HANDHOLE TO SHELTER.
- INSTALLATION OF FOUR (4) RAYCAP DC6–48–60–18–8F (SQUID) MOUNTED TO MONOPINE.
- ④ INSTALLATION OF **AT&T MOBILITY** 50KW GENERATOR WITH 210 GALLON DIESEL FUEL TANK ON A CONCRETE PAD INSIDE 15'–4" X 12'–0" CONCRETE BLOCK SOUND ATTENUATION ENCLOSURE
- MINOR LANDSCAPE OR IRRIGATION IS PLANNED FOR THIS PROJECT.

LEGAL DESCRIPTION:

PARCEL 1 OF PARCEL MAP NO. 12290, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, AUGUST 26, 1982, AS FILE NO 82–265241 OF OFFICIAL RECORDS.

PROJECT ADDRESS:	11190 HIGHWAY 79 DESCANSO, CA. 91916
ASSESSORS PARCEL NUMBER:	407–051–01
EXISTING ZONING:	S92 GENERAL RURAL USE
EXISTING SITE AREA:	1,699,454.437 SQ. FT. 39.01 ACRES
LEASE AREA	855 SQ. FT.
FLOOR AREA	
AT&T MOBILITY SHELTER:	280 SQ. FT.
AT&T GENERATOR ENCLOSURE:	184 SQ. FT. ④
TYPE OF CONSTRUCTION	V B
PROPOSED OCCUPANCY:	B
TELECOMMUNICATION FACILITIES:	THERE IS ONE EXISTING TELECOMMUNICATIONS FACILITY ON THIS SITE (VERIZON)

SHEET SCHEDULE

T–1	TITLE SHEET
T–1.1	MPE DOCUMENT
A–0	SITE & ENLARGED SITE PLAN
A–1	EQUIPMENT SHELTER PLAN & SECTION
A–2	EXTERIOR ELEVATIONS
A–2.1	EXTERIOR ELEVATIONS
A–3	MONOPINE ELEVATION, ANTENNA PLAN & DETAILS
L–1	LANDSCAPE & IRRIGATION PLAN
LS–1	SITE SURVEY GENERAL INFORMATION
LS–2	SITE SURVEY GENERAL INFORMATION

SCALE

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 24" x 36" FORMAT. IF THIS DRAWING SET IS NOT 24" x 36", THIS SET IS NOT TO SCALE. ALL DRAWINGS ARE SCHEMATIC. DO NOT SCALE DRAWINGS TO DETERMINE OR VERIFY ANY DIMENSIONS. DRAWINGS OF ANY SIZE SHALL NEVER BE SCALED FOR ANYTHING OTHER THAN GENERAL REFERENCE.

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

CALIFORNIA STATE BUILDING CODE, TITLE 24, 2013 EDITION
CALIFORNIA PLUMBING CODE, 2013 EDITION
CALIFORNIA MECHANICAL CODE, 2013 EDITION
CALIFORNIA ELECTRICAL CODE, 2013 EDITION
CALIFORNIA FIRE CODE, 2013 EDITION
CALIFORNIA ENERGY CODE, 2013 EDITION

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL

BOOTH & SUAREZ
ARCHITECTURE INCORPORATED
325 CARLSBAD VILLAGE DRIVE, SUITE D2
CARLSBAD, CA 92008 (760) 434-8474

PREPARED FOR

at&t MOBILITY

7337 TRADE STREET, 3 EAST, ROOM 3684
SAN DIEGO, CA 92121–4202

APPROVALS

R.F.	DATE
ZONING	DATE
CONSTRUCTION	DATE
SITE ACQUISITION	DATE
CINGULAR APPROVAL	DATE
LANDLORD APPROVAL	DATE

PROJECT NAME

DESCANSO

PROJECT NUMBER

SD0653

11190 HIGHWAY 79
DESCANSO, CA. 91916

SAN DIEGO COUNTY

DRAWING DATES

03/01/11	90% ZD REVIEW (rag)
03/07/11	FINAL ZD (se)
03/10/11	REVISED FINAL ZD (se)
03/21/11	REVISED FINAL ZD (se)
05/19/11	REVISED FINAL ZD (cl)
05/27/11	TITLE REPORT (cl)
04/24/13	REVISED ZD #4 (jab/cl)
05/03/13	REVISED ZD #5 (cl)
05/29/13	REVISED ZD #6 (nc)
06/04/13	REVISED ZD #7 (rl)
07/18/13	REVISED ZD #8 (cl) (COUNTY REVISIONS)
09/06/13	REVISED ZD #9 (cl/rl)
09/16/13	REVISED ZD #10 (jab)
10/07/13	REVISED ZD #11 (rl) ①
11/04/13	REVISED ZD #12 (rl) ② (LANDSCAPE REVISIONS)
04/21/14	REVISED ZD #13 (rl) ④ (MINOR DEVIATION GENERATOR)

SHEET TITLE

TITLE SHEET

PROJECTS\AT&T\11043

T-1

SDC PDS RCVD 05-23-14
MUP13-008

H&MP Consulting: RF Worksheet

Site ID: SD0653 Descanso	Note: Please complete this form in its entirity (enter NA for non-applicable) and return with pdf of site plan; photo sims; site photos.		
Requested by: Margie Sullivan	Requestor email: Margie Sullivan <margie.sullivan@plancomir	Requestor Cell Phone: 1.760.613.3488	Date Requested: 9/3/2013
RF Engineering Contact Name: Chris Gamboa / Mike	RF Contact email: cg1002@att.com	RF Contact Cell Phone: 619-735-3707	Date Report Needed:
Report to be addressed to: PlanCom, Inc., 302 State Place, Escondido, CA 92029	Specify identify and any detail available regarding other carriers co-located at the proposed location: Verizon is located at 4125' elevation and is approximately 85' (south east) from proposed monopine site which is at approx. 4129' elevation.		

Indicate if there are occupied structures greater than two stories high or terrain elevation changes higher than 5 feet within 200 feet of the site. Specify: Elevation drops approx. 50' within 200' of the proposed site.

Special Instructions: This is an RF study for compliance only. The due date is approx. the end of Oct.

Do Not Enter Data Into Columns L,M,O & P (these values are calculated)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Sector-Antenna Number	Antennae Make and Model	Frequency	Technology	Azimuth (Degrees True North)	Rad Center AGL (ft)	Rad Center ARL (ft)	Down Tilt	Gain (dBd)	Tx Power per channel/radio (dBm)	All Losses per channel/radio (dBm)	Net Input Pwr per channel/radio(dBm)	Net Input Pwr per channels/radios (Watts)	Number of channels/radios	Total Input Pwr (Watts)	Total ERP (Watts)
A-1	KRC 118 054/1	704-722	LTE	0	33.0	0.0	4	14.3	47.78	2	45.78	37.84	1	37.84	1019
A-1	KRC 118 054/1	1975-1980	LTE	0	33.0	0.0	4	17.6	47.78	2	45.78	37.84	1	37.84	2178
A-2	KRC 118 054/1	869.2-874.6	UMTS	0	33.0	0.0	4	14.3	46	2	44	25.12	1	25.12	676
A-2	KRC 118 054/1	1945-1950	UMTS	0	33.0	0.0	4	17.6	46	2	44	25.12	1	25.12	1445
A-3	KRC 118 054/1	874.6-879.8	UMTS	0	33.0	0.0	4	14.3	46	2	44	25.12	1	25.12	676
A-3	KRC 118 054/1	1970-1975	UMTS	0	33.0	0.0	4	17.6	46	2	44	25.12	1	25.12	1445
A-4	KRC 118 048/1	704-722	LTE	0	33.0	0.0	4	13.9	47.78	2	45.78	37.84	1	37.84	929
A-4	KRC 118 048/1	1975-1980	LTE	0	33.0	0.0	4	15.85	47.78	2	45.78	37.84	1	37.84	1455
B-1	KRC 118 054/1	704-722	LTE	140	33.0	0.0	4	14.5	47.78	2	45.78	37.84	1	37.84	1067
B-1	KRC 118 054/1	1975-1980	LTE	140	33.0	0.0	4	16.8	47.78	2	45.78	37.84	1	37.84	1811
B-2	KRC 118 054/1	869.2-874.6	UMTS	140	33.0	0.0	4	15.3	46	2	44	25.12	1	25.12	851
B-2	KRC 118 054/1	1945-1950	UMTS	140	33.0	0.0	4	16.8	46	2	44	25.12	1	25.12	1202
B-3	KRC 118 054/1	874.6-879.8	UMTS	140	33.0	0.0	4	15.3	46	2	44	25.12	1	25.12	851
B-3	KRC 118 054/1	1970-1975	UMTS	140	33.0	0.0	4	16.8	46	2	44	25.12	1	25.12	1202
B-4	KRC 118 048/1	704-722	LTE	140	33.0	0.0	4	13.9	47.78	2	45.78	37.84	1	37.84	929
B-4	KRC 118 048/1	1975-1980	LTE	140	33.0	0.0	4	15.85	47.78	2	45.78	37.84	1	37.84	1455
C-1	KRC 118 054/1	704-722	LTE	205	33.0	0.0	4	14.3	47.78	2	45.78	37.84	1	37.84	1019
C-1	KRC 118 054/1	1975-1980	LTE	205	33.0	0.0	4	17.6	47.78	2	45.78	37.84	1	37.84	2178
C-2	KRC 118 054/1	869.2-874.6	UMTS	205	33.0	0.0	4	14.3	46	2	44	25.12	1	25.12	676
C-2	KRC 118 054/1	1945-1950	UMTS	205	33.0	0.0	4	17.6	46	2	44	25.12	1	25.12	1445
C-3	KRC 118 054/1	874.6-879.8	UMTS	205	33.0	0.0	4	14.3	46	2	44	25.12	1	25.12	676
C-3	KRC 118 054/1	1970-1975	UMTS	205	33.0	0.0	4	17.6	46	2	44	25.12	1	25.12	1445
C-4	KRC 118 048/1	704-722	LTE	205	33.0	0.0	4	13.9	47.78	2	45.78	37.84	1	37.84	929
C-4	KRC 118 048/1	1975-1980	LTE	205	33.0	0.0	4	15.85	47.78	2	45.78	37.84	1	37.84	1455

Note: AGL= Above Ground Level ARL= Above Roof Level

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PREPARED FOR

at&t MOBILITY

7337 TRADE STREET, 3 EAST, ROOM 3684
SAN DIEGO, CA 92121-4202

APPROVALS

R.F. DATE
ZONING DATE
CONSTRUCTION DATE
SITE ACQUISITION DATE
CINGULAR APPROVAL DATE
LANDLORD APPROVAL DATE

PROJECT NAME

DESCANSO

PROJECT NUMBER

SD0653

11190 HIGHWAY 79
DESCANSO, CA. 91916
SAN DIEGO COUNTY

DRAWING DATES

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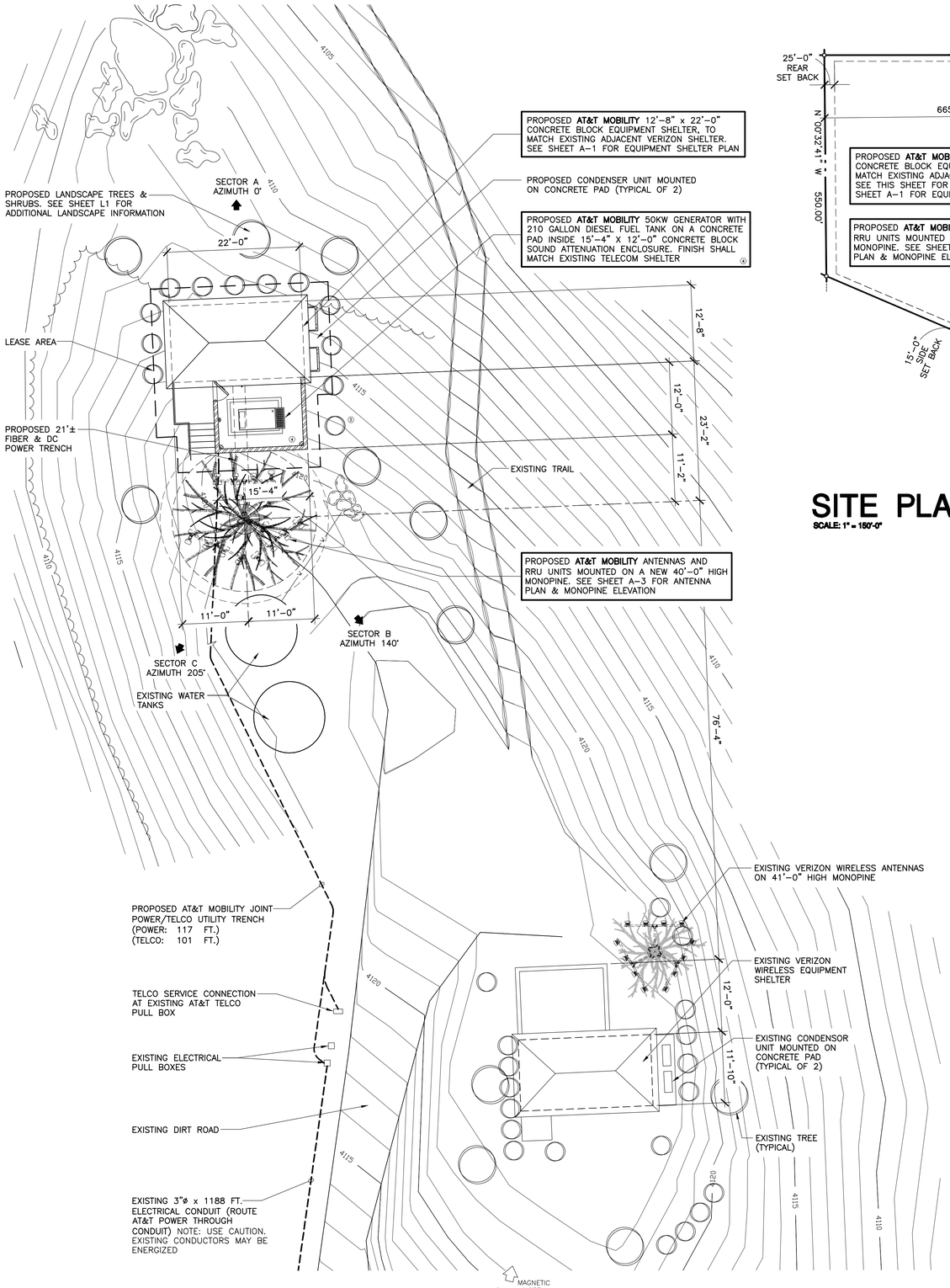
SHEET TITLE

MPE DOCUMENT

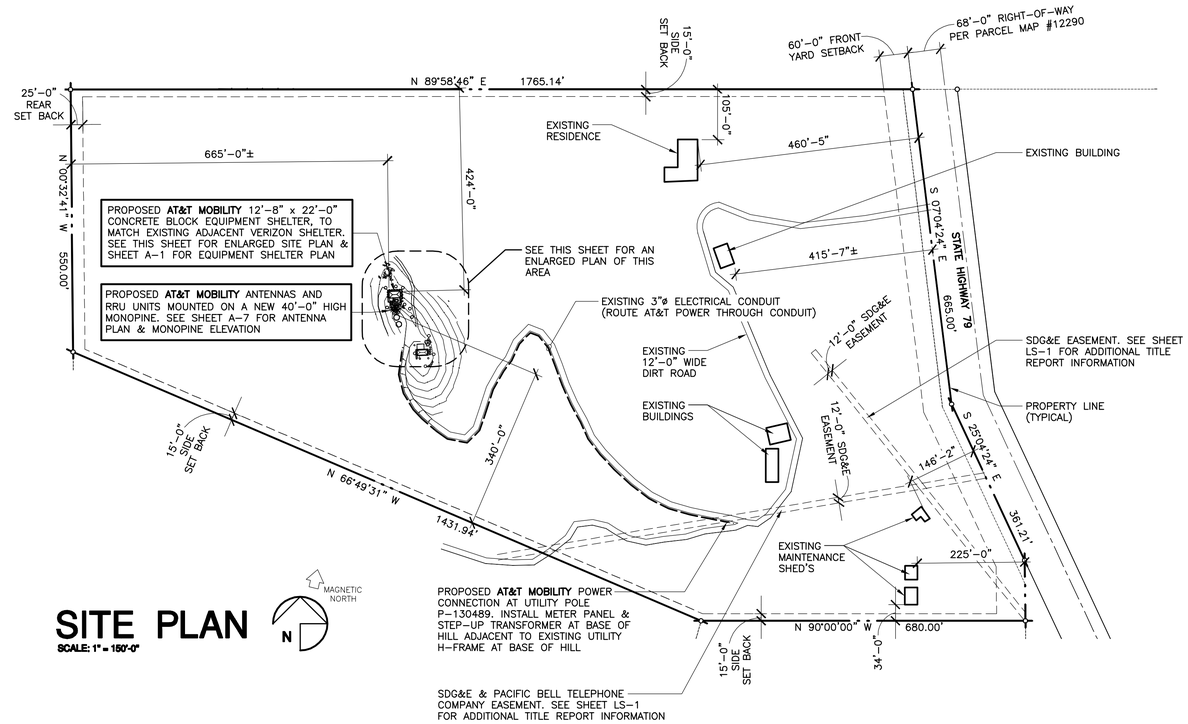
PROJECTS\AT&T\11043

T-1.1



ENLARGED SITE PLAN

SCALE: 1" = 10'-0"



SITE PLAN

SCALE: 1" = 150'-0"

GRADING & EXCAVATION DATA:

CUT	
EQUIPMENT SHELTER FOOTING:	= . CU. YDS.
MONOTREE FOOTING:	= 21.0 CU. YDS.
TRENCHING	
UTILITY:	= 5.8 CU. YDS.
CABLE:	= 20.6 CU. YDS.
TOTAL:	= 60.6 CU. YDS.
FILL	
SHELTER:	= 2.0 CU. YDS.
TRENCH:	= 19.0 CU. YDS.
TOTAL:	= 21.0 CU. YDS.
EXPORT:	= 39.6 CU. YDS.

NOTE: (SOIL SHALL BE EVENLY SPREAD ON SITE OR DELIVERED TO COUNTY APPROVED LOCATION).

NOTE:

DIMENSIONS SHOWN ON THIS PLAN TO EXISTING BUILDINGS, & FENCES ARE APPROXIMATE. FIELD VERIFY ALL AS-BUILT CONDITIONS

EASEMENT:

ALL EASEMENT SHOWN REFLECT PRELIMINARY RECORDS RESEARCH OF RECORDED PARCEL MAPS & PRELIMINARY TITLE REPORT. EASEMENTS ARE SUBJECT TO REVIEW OF TITLE REPORT. SEE SHEET LS-1 FOR ADDITIONAL INFORMATION

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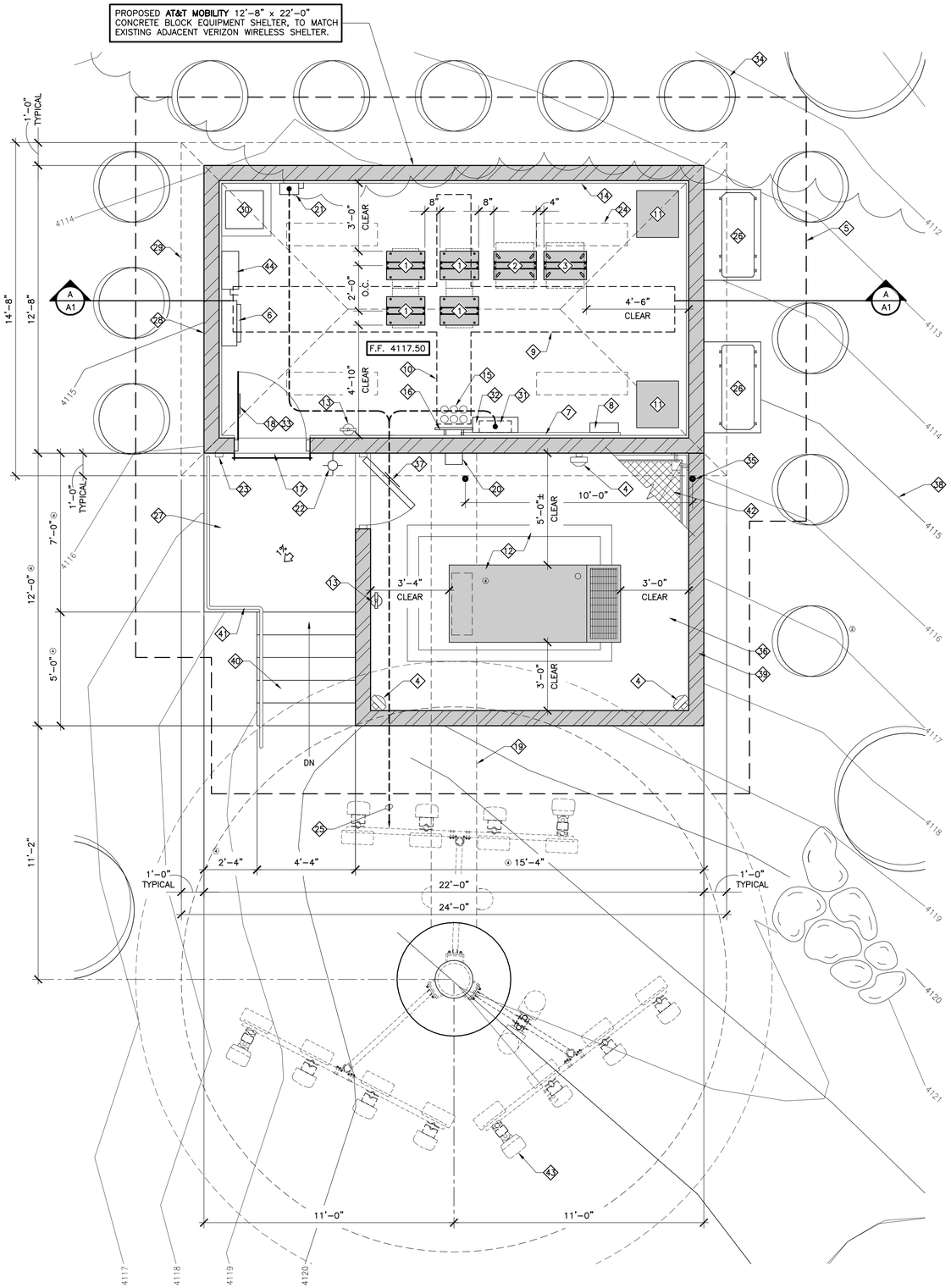
SHEET TITLE

SITE & ENLARGED SITE PLAN

PROJECTS\AT&T\11043

A-0



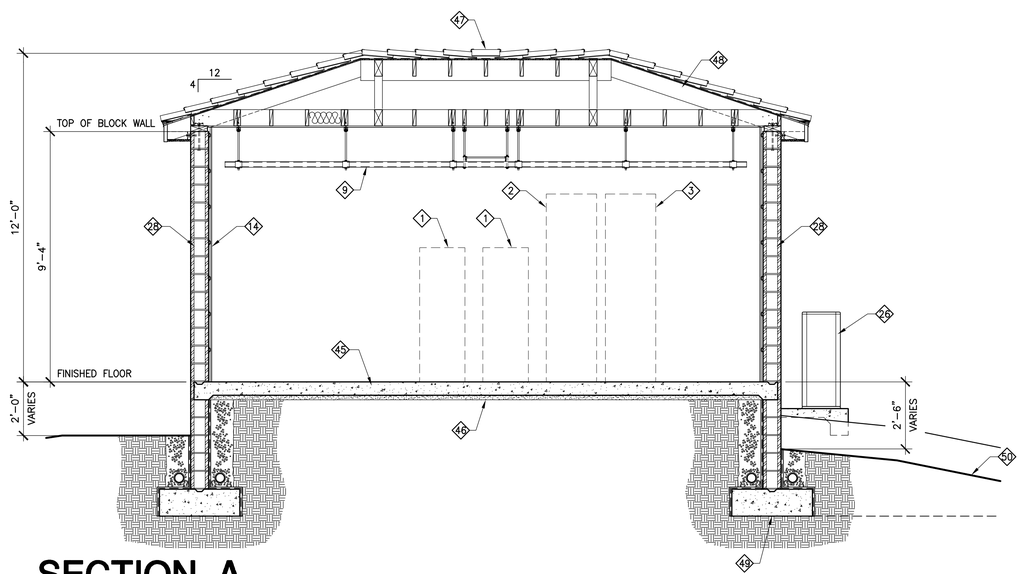
EQUIPMENT SHELTER PLAN

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

MAGNETIC NORTH

KEYED NOTES:

1. PROPOSED **AT&T MOBILITY** 19" INDOOR RACK (TYPICAL OF 4) WEIGHT: 500 LBS. EACH, INSTALLED BY CONTRACTOR
2. PROPOSED **AT&T MOBILITY** ARGUS Te45v3 POWER RACK (TYPICAL OF 1) (MAXIMUM OF 8 BATTERIES). 22.5" WIDE x 21" DEEP x 84" HIGH, WEIGHT 2400 LBS. INSTALLED BY CONTRACTOR
3. PROPOSED **AT&T MOBILITY** ARGUS Te45v3b BATTERY RACK (TYPICAL OF 1) (MAXIMUM OF 16 BATTERIES EACH). 22.5" WIDE x 21" DEEP x 84" HIGH. WEIGHT: 3000 LBS. EACH, INSTALLED BY CONTRACTOR
4. PROPOSED WALL LIGHT (TYPICAL OF 3)
5. LEASE AREA (SHOWN DASHED)
6. PROPOSED "INTERSECT, INC." MP SERIES 200AMP POWER DISTRIBUTION LOAD CENTER WITH MANUAL TRANSFER SWITCH MOUNTED TO EXTERIOR FACE OF CONCRETE BLOCK WALL (20" WIDE x 10" DEEP x 40" HIGH) WEIGHT: 90 LBS.
7. PROPOSED 84" x 48" x 3/4" PLYWOOD TELCO BOARD
8. PROPOSED ALARM BLOCK
9. PROPOSED OVERHEAD 24" CABLE LADDER @ ±7'-6" (SHOWN DASHED)
10. PROPOSED OVERHEAD 18" CABLE LADDER @ ±7'-6" (SHOWN DASHED)
11. PROPOSED FAN COIL UNIT (TYPICAL OF 2)
12. PROPOSED **AT&T MOBILITY** KOHLER 50REOZJC 50kw GENERATOR WITH 210 GALLON DIESEL FUEL TANK ON A NEW CONCRETE PAD WITH CONCRETE SECONDARY CONTAINMENT CURB
13. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL (1) WALL MOUNTED CLASS "2A-10BC" FIRE EXTINGUISHER (3' to 5' ABOVE FLOOR & VISIBLE) IN ACCORDANCE WITH FIRE DEPARTMENT REQUIREMENTS
14. PROPOSED GYPSUM BOARD FINISH ON METAL FURRING HAT CHANNELS
15. (6) 4"ø SCHEDULE 40 PVC COAXIAL CABLE CONDUITS TO MONOPINE
16. PROPOSED MASTER GROUND BUS BAR WALL MOUNTED DIRECTLY BELOW LADDER RACK
17. PROPOSED ALUMINUM THRESHOLD
18. PROPOSED 3'-0" WIDE x 6'-8" HIGH STEEL PANEL DOOR WITH **AT&T MOBILITY** SIGNAGE AND STEEL FRAME
19. PROPOSED FIBER AND DC POWER CONDUIT TRENCH
20. PROPOSED LUG BOX FOR PORTABLE EMERGENCY GENERATOR CONNECTION
21. PROPOSED FUSED DISCONNECT MOUNTED TO WALL
22. PROPOSED EXTERIOR LIGHT FIXTURE
23. PROPOSED "TRACCESS" LOCK BOX
24. PROPOSED SURFACE MOUNTED 1' x 4' FLUORESCENT LIGHT FIXTURE (TYPICAL OF 4)
25. PROPOSED JOINT TRENCH FOR POWER & TELCO/FIBER SERVICE
26. PROPOSED CONDENSOR UNIT MOUNTED ON CONCRETE PAD (TYPICAL OF 2). "CARRIER" MODEL 38HDR060 OR EQUIVALENT SIZED UNITS
27. PROPOSED CONCRETE LANDING SLOPED TO DRAIN
28. PROPOSED **AT&T MOBILITY** 12'-8" x 22'-0" CONCRETE BLOCK WALL ENCLOSURE TO MATCH EXISTING ADJACENT VERIZON WIRELESS SHELTER
29. PROPOSED HIP ROOF TO MATCH EXISTING ADJACENT VERIZON WIRELESS SHELTER
30. PROPOSED STEP DOWN TRANSFORMER
31. PROPOSED CIENA ETHERNET EQUIPMENT CABINET 17" WIDE x 20" HIGH x 6" DEEP MOUNTED TO UTILITY H-FRAME BELOW PBC-02 CABINET
32. PROPOSED PBC-02 CABINET 24" WIDE x 30" HIGH x 8" DEEP, MOUNTED TO UTILITY H-FRAME
33. PROPOSED NFPA SIGNAGE MOUNTED TO DOOR
34. PROPOSED SHRUBS (TYPICAL)
35. PROPOSED E-911 GPS ANTENNA MOUNTED TO FASCIA (TYPICAL OF TWO) ②
36. PROVIDE GRAVEL COMPOUND AT GENERATOR
37. PROPOSED 3'-0" WIDE x 8'-0" HIGH STEEL GATE AND FRAME WITH **AT&T MOBILITY** SIGNAGE
38. EXISTING CONTOUR LINES SHOWN AT 1'-0" INTERVALS
39. PROPOSED CONCRETE BLOCK SOUND ATTENUATION BARRIER
40. PROPOSED CONCRETE STEPS
41. PROPOSED GUARDRAIL
42. PROPOSED CHAINLINK LID
43. PROPOSED **AT&T MOBILITY** ANTENNAS WITH PINE NEEDLE SOCK COVERS & RRUS MOUNTED ON A NEW 40'-0" HIGH MONOPINE
44. PROPOSED AUTOMATIC TRANSFER SWITCH
45. PROPOSED CONCRETE FLOOR SLAB
46. PROPOSED SOIL PREPARATION
47. PROPOSED SPANISH TILE ROOF
48. 2x FRAMING
49. PROPOSED CONCRETE FOOTING
50. EXISTING GRADE



SECTION A ④

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

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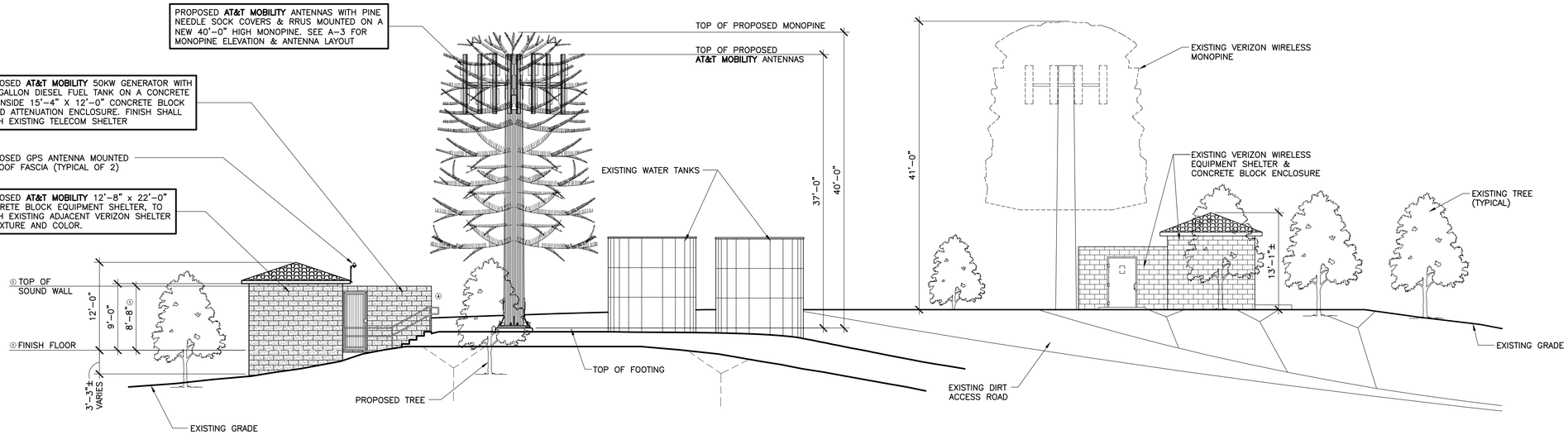
10/07/13	REVISED ZD #11 (rl)
11/04/13	REVISED ZD #12 (rl)② (LANDSCAPE REVISIONS)
04/21/14	REVISED ZD #13 (rl)④ (MINOR DEVIATION GENERATOR)

SHEET TITLE

EQUIPMENT SHELTER PLAN

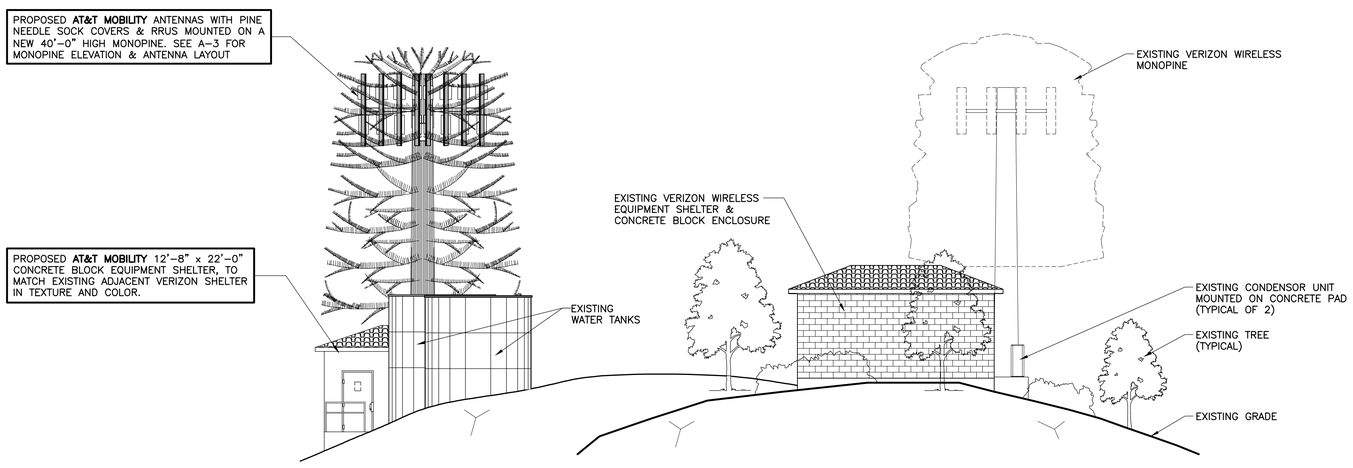
PROJECTS\AT&T\11043

A-1



WEST ELEVATION

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



SOUTH ELEVATION

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

BOOTH & SUAREZ
ARCHITECTURE INCORPORATED
325 CARLSBAD VILLAGE DRIVE, SUITE D2
CARLSBAD, CA 92008 (760) 434-8474

PREPARED FOR

at&t MOBILITY

7337 TRADE STREET, 3 EAST, ROOM 3684
SAN DIEGO, CA 92121-4202

APPROVALS

R.F.	DATE
ZONING	DATE
CONSTRUCTION	DATE
SITE ACQUISITION	DATE
CINGULAR APPROVAL	DATE
LANDLORD APPROVAL	DATE

PROJECT NAME

DESCANSO

PROJECT NUMBER

SD0653

11190 HIGHWAY 79
DESCANSO, CA. 91916
SAN DIEGO COUNTY

DRAWING DATES

03/01/11	90% ZD REVIEW (rag)
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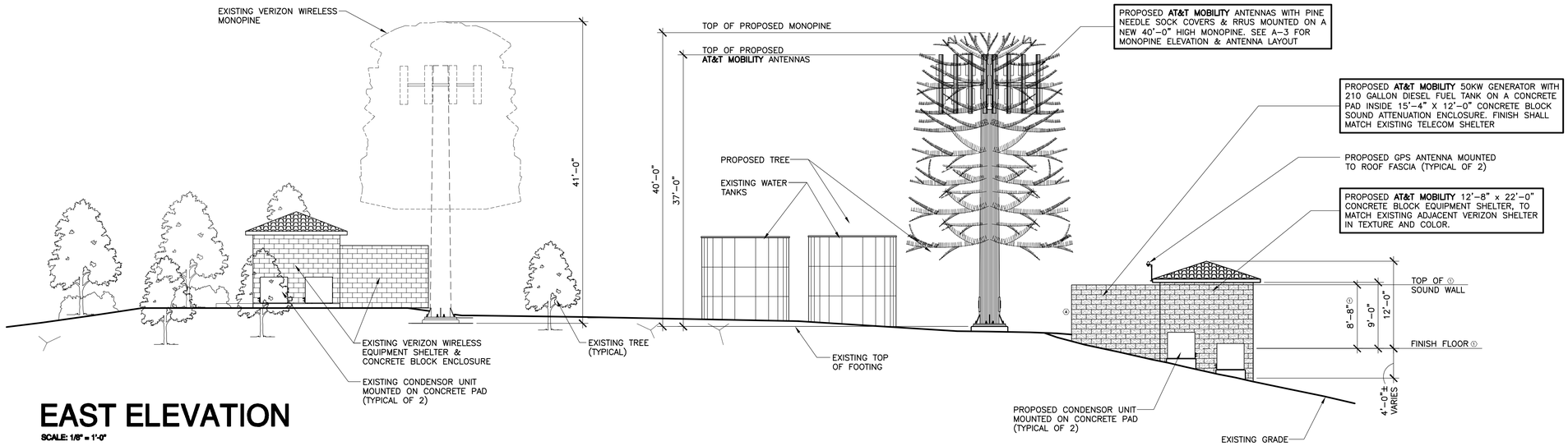
SHEET TITLE

EXTERIOR ELEVATIONS

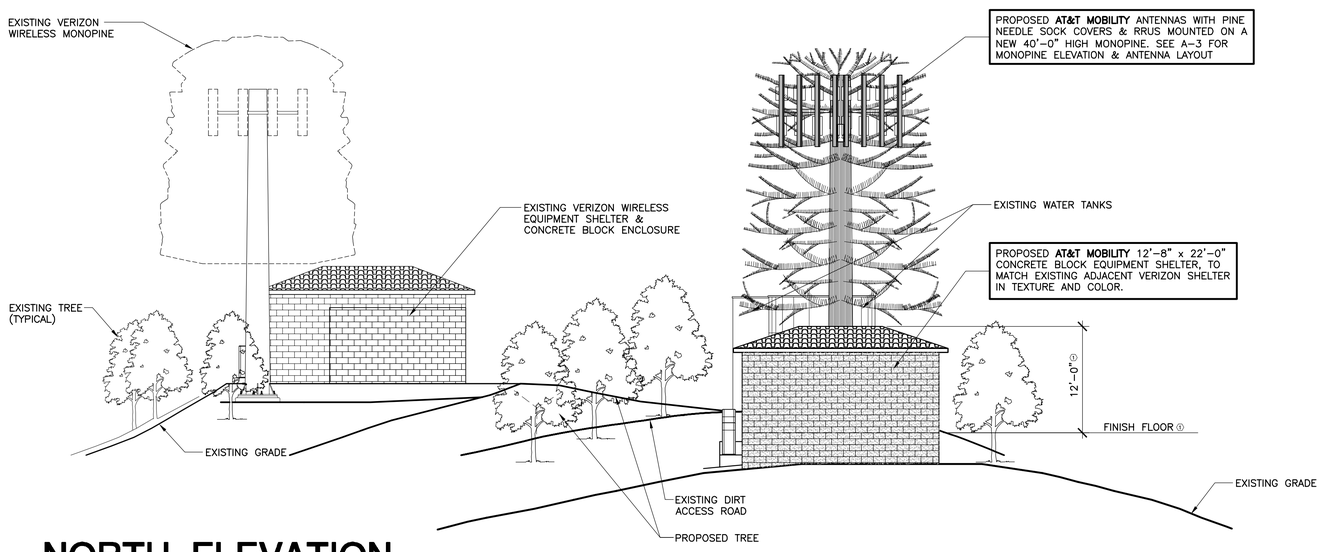
PROJECTS\AT&T\11043

A-2



EAST ELEVATION

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



NORTH ELEVATION

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

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APPROVALS

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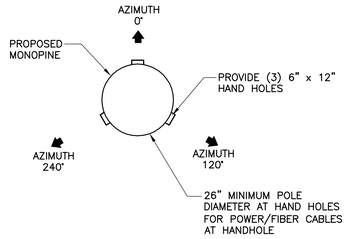
SHEET TITLE

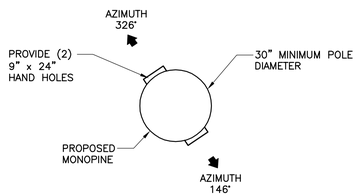
EXTERIOR ELEVATIONS

PROJECTS\AT&T\11043

A-2.1



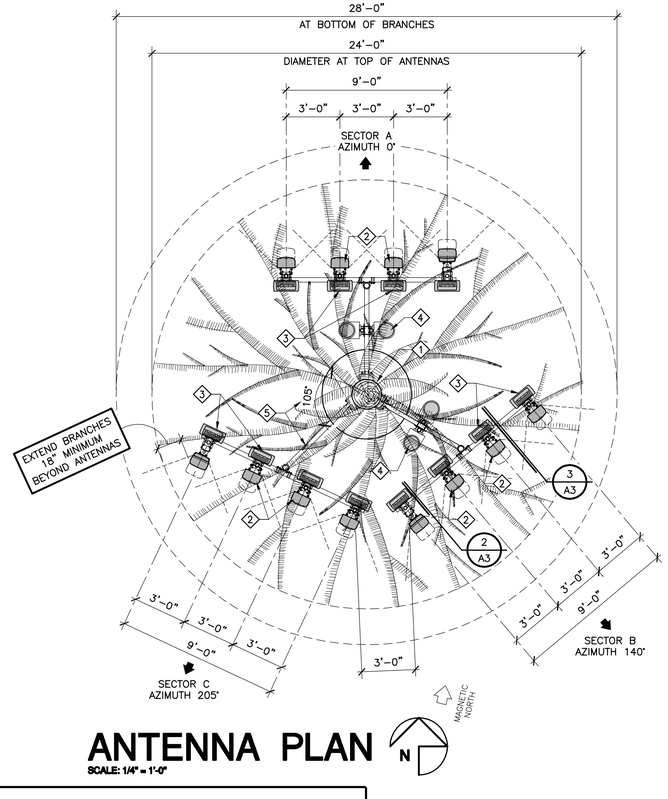
(B) POLE PLAN AT UPPER HAND HOLES @ 35'-0"



(A) POLE PLAN AT LOWER PORT @ 3'-0"

N

MONOTREE CABLE PORT DETAIL | SCALE N.T.S. | 1



ANTENNA PLAN

N

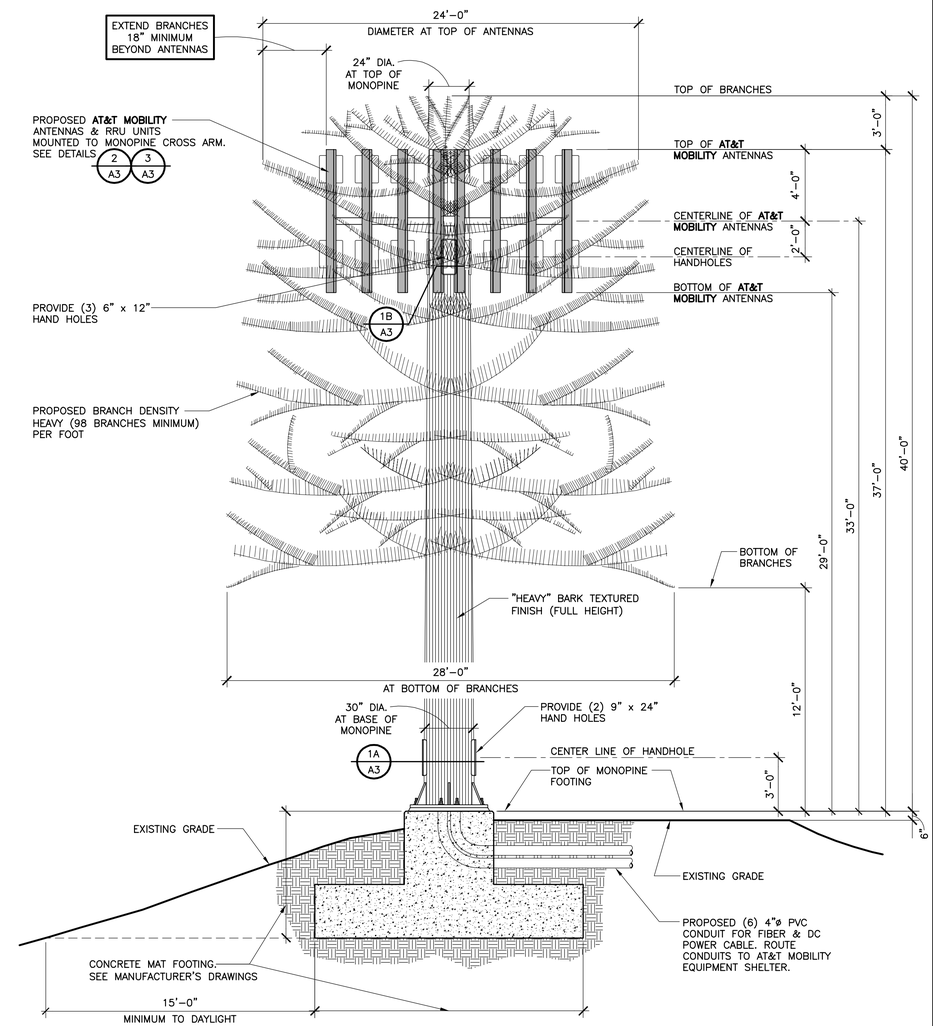
SCALE: 1/4" = 1'-0"

KEYED NOTES:

1. PROPOSED **AT&T MOBILITY** 40'-0" HIGH MONOPINE
2. PROPOSED 8'-0" **AT&T MOBILITY** ANTENNA WITH PINE NEEDLE SOCK COVERS
3. PROPOSED (2) STACKED RRU UNITS TO PIPE BEHIND EACH ANTENNA (TOTAL OF 24) PAINT TO MATCH EXISTING
4. PROPOSED RAYCAP DC6-48-60-18-8F (SQUID) MOUNTED TO SUPPORT CROSS ARMS & FRAMES (SHOWN SHADED) (TYPICAL OF 4) PAINT TO MATCH EXISTING
5. PROPOSED CUSTOM ANGLED ARM (225°) MOUNTED TO TREE "TRUNK"

ANTENNA AND COAXIAL CABLE SCHEDULE

SECTOR ANTENNA	DIRECTION	AZIMUTH	ANTENNA MODEL NUMBER	RRU	DOWNTILT	SKEW ANGLE	SERIAL NUMBER	NUMBER OF CABLES PER SECTOR	FIBER LENGTH (+ / − 5')	EQUIPMENT JUMPER LENGTH (+ / − 3')	ANTENNA JUMPER LENGTH (+ / − 3')	COAX SIZE
A1	NORTH	0°	COMMSCOPE SBNHH-1D65C	(8) RRUS-11		N/A		0	165'-0"	10'-0"	6'-0"	FIBER
A2			COMMSCOPE SBNHH-1D65C									
A3			COMMSCOPE SBNHH-1D65C									
A4			ERICSSON AIR-21									
B1	SOUTHEAST	140°	COMMSCOPE SBNHH-1D65C	(8) RRUS-11		N/A		0	165'-0"	10'-0"	6'-0"	FIBER
B2			COMMSCOPE SBNHH-1D65C									
B3			COMMSCOPE SBNHH-1D65C									
B4			ERICSSON AIR-21									
C1	SOUTHWEST	205°	COMMSCOPE SBNHH-1D65C	(8) RRUS-11		N/A		0	165'-0"	10'-0"	6'-0"	FIBER
C2			COMMSCOPE SBNHH-1D65C									
C3			COMMSCOPE SBNHH-1D65C									
C4			ERICSSON AIR-21									
NEW GPS			KATHREIN OG-860/ 1920/ GPS-A					2	15'-0"	–		1/2"
NEW GPS			KATHREIN OG-860/ 1920/ GPS-A					2	15'-0"	–		1/2"



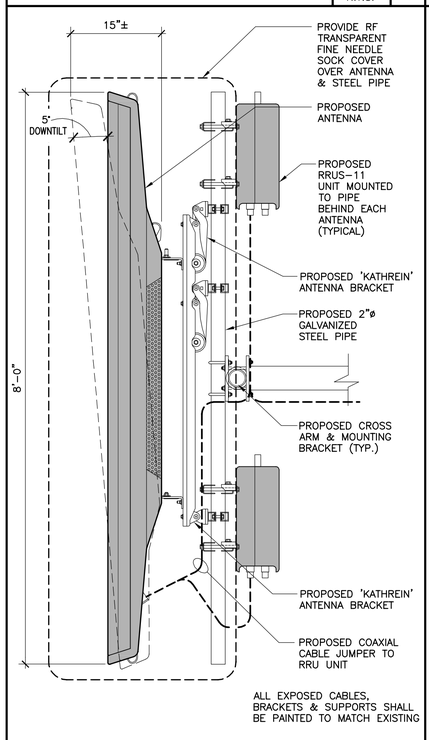
④ MONOPINE ELEVATION

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

NOTE:

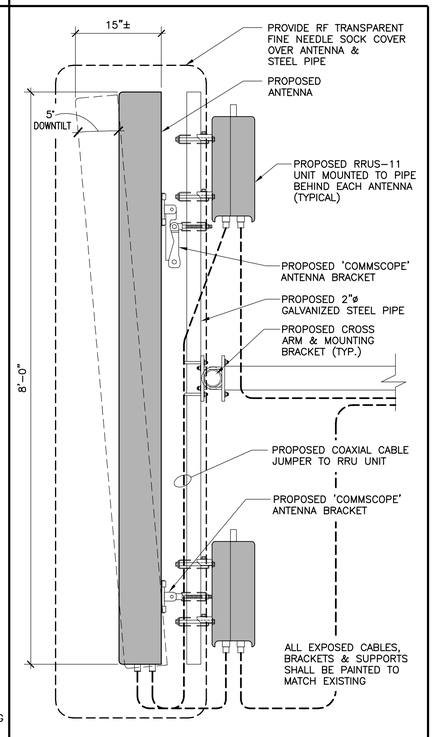
- HARD EXCAVATION DUE TO THE PRESENCE OF OVERSIZE MATERIAL SHOULD BE ANTICIPATED
- GEOTECHNICAL BORING FIELDWORK REFUSAL OCCURRED AT

MONOTREE: 2'-0" TO 4'-6"
SHELTER: 10'-0"±



ANTENNA MODEL: ERICSSON AIR-21
96" LONG x 12.0" WIDE x 9" DEEP WEIGHT: 84.0 LBS

ANTENNA MOUNTING | SCALE 1"=1'-0" | 2④



⑤ ANTENNA MODEL: COMMSCOPE SBNHH-1D65C
96" LONG x 11.9" WIDE x 7.1" DEEP WEIGHT: 49.6 LBS

ANTENNA MOUNTING | SCALE 1"=1'-0" | 3⑤

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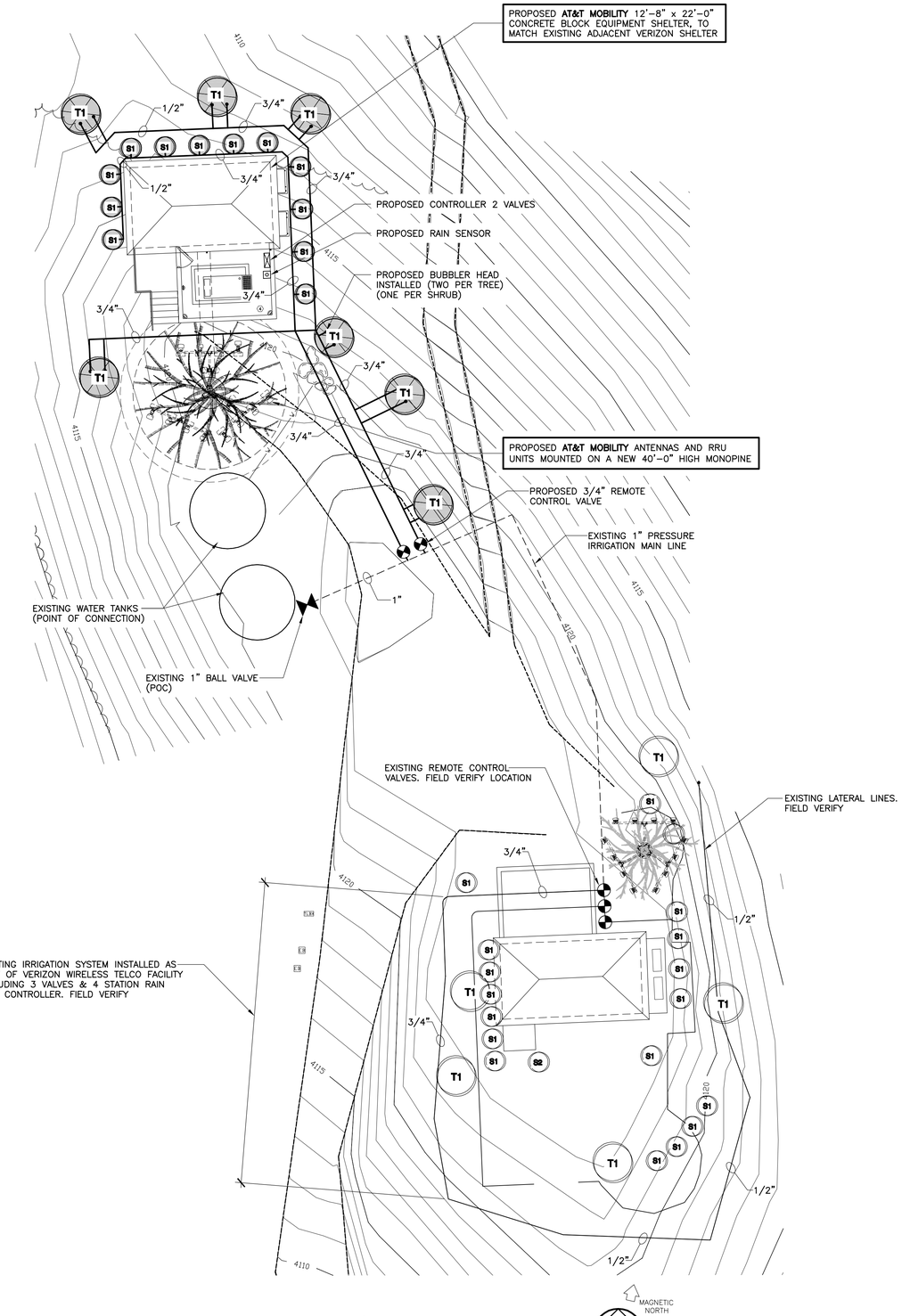
SHEET TITLE

MONOPINE ELEVATION, ANTENNA PLAN & DETAILS

PROJECTS\AT&T\11043

A-3



LANDSCAPE & IRRIGATION PLAN

SCALE: 1" = 10'-0"

IRRIGATION NOTE:
TAP EXISTING ON-SITE IRRIGATION SYSTEM. REPAIR ALL LANDSCAPE & IRRIGATION DAMAGED DURING COURSE OF CONSTRUCTION

LANDSCAPE NOTES:

1. AREAS DISTURBED DURING CONSTRUCTION FROM EQUIPMENT, TRENCHING WILL BE REVEGETATED TO EXISTING CONDITION
2. FOR AREAS OF BARE SOIL, NOT REVEGETATED WITH GROUND COVER, PROVIDE A 3 INCH LAYER OF BARK MULCH

PLANTING NOTES

1. DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO THE INITIATION OF ANY WORK. ALL WORK SHALL BE PERFORMED IN AN MANNER WHICH WILL AVOID POSSIBLE DAMAGE TO UTILITIES. HAND EXCAVATE AS REQUIRED.
2. TREES SHALL BE LOCATED A MINIMUM OF TEN FEET FROM ANY DRAINAGE FLOW OR SEWER LINE AND A MINIMUM OF FIVE FEET FROM ANY WATER LINE, GAS LINE, OR ELECTRICAL CONDUIT.
3. ROOT BARRIERS SHALL BE INSTALLED ADJACENT TO ALL PAVING SURFACES, WHERE A PAVING SURFACE IS LOCATED WITHIN 5' OF A TREES TRUNK. ROOT BARRIERS SHALL EXTEND FOUR FEET IN EACH DIRECTION, FROM THE CENTER LINE OF THE TRUNK, FOR A TOTAL DISTANCE OF 8 FEET. INSTALLING ROOT BARRIERS AROUND THE ROOT BALL IS UNACCEPTABLE.
4. TREES WILL BE LOCATED A MINIMUM DISTANCE OF 3 FEET FROM ANY PAVING SURFACE, CURB, WALL, OR CONCRETE MOW STRIP.
5. ALL PLANTING AREAS, SHALL RECEIVE A 3" LAYER OF MULCH.
6. PLANTING INSTALLATION CRITERIA:
   ALL PROPOSED TREES SHALL BE SELF-SUPPORTING, WOODY PLANTS WITH AT LEAST ONE WELL DEFINED TRUNK AND SHALL NORMALLY ATTAIN A MATURE HEIGHT AND SPREAD OF AT LEAST 15 FEET.
7. PLANTING MAINTENANCE CRITERIA:
   ALL LANDSCAPE INSTALLATION SHALL BE MAINTAINED IN ACCORDANCE WITH THE COUNTY OF SAN DIEGO LANDSCAPE STANDARDS.
8. MINIMUM TREE SEPARATION DISTANCE
   IMPROVEMENT/MINIMUM DISTANCE TO STREET TREE:
   TRAFFIC SIGNALS, STOP SIGNS – 20 FEET
   UNDERGROUND UTILITY LINES (EXCEPT SEWER) – 5 FEET
   SEWER LINES – 10 FEET
   ABOVE GROUND UTILITY STRUCTURES (TRANSFORMERS, HYDRANTS, UTILITY POLES, ETC.) – 10 FEET
   DRIVEWAYS – 10 FEET
   INTERSECTIONS (INTERSECTING CURB LINES OF TWO STREETS) – 25 FEET
9. IRRIGATION: AN IRRIGATION SYSTEM SHALL BE PROVIDED AS REQUIRED FOR PROPER IRRIGATION, DEVELOPMENT AND MAINTENANCE OF THE VEGETATION. THE DESIGN OF THE SYSTEM SHALL PROVIDE ADEQUATE SUPPORT FOR THE VEGETATION SELECTED.
10. NOT USED
11. MAINTENANCE: ALL REQUIRED LANDSCAPE AREAS SHALL BE MAINTAINED BY PROPERTY OWNER. THE LANDSCAPE AREAS SHALL BE MAINTAINED IN A FREE OF DEBRIS AND ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION. DISEASED OR DEAD PLANT MATERIAL SHALL BE SATISFACTORY TREATED OR REPLACED PER THE CONDITIONS OF THE PERMIT.
12. EXISTING TREES: ROOT SYSTEMS OF EXISTING TREES ON SITE WILL BE PROTECTED FROM DISTURBANCES.

WATER CONSERVATION NOTES

1. ALL LANDSCAPE AND IRRIGATION DESIGN, INSTALLATION AND MAINTENANCE, SHALL CONFORM TO COUNTY OF SAN DIEGO LANDSCAPE REGULATIONS AND STANDARDS AND ALL OTHER APPLICABLE REGIONAL STANDARDS FOR LANDSCAPE INSTALLATION AND MAINTENANCE
2. PLANT MATERIAL SELECTED FOR THIS PROJECT WILL BE OF A TYPE KNOWN TO BE SUCCESSFUL IN THE AREA OR IN SIMILAR CLIMATIC AND SOIL CONDITIONS
3. LANDSCAPE FINISH GRADING OBJECTIVES WILL INCLUDE POSITIVE SURFACE DRAINAGE OF PLANTED AREAS THROUGHOUT THE PROJECT AREA
4. ALL PERMANENTLY LANDSCAPED AREAS WILL BE SERVED BY PERMANENT, AUTOMATIC, UNDERGROUND, IRRIGATION SYSTEMS USING LOW PRECIPITATION FIXED AND POP UP SPRAY HEADS
5. ALL SOILS WILL BE FERTILIZED, AMENDED, AND TILLED TO CONFORM TO RECOMMENDATIONS MADE BY A SOIL TESTING LABORATORY AND/OR LANDSCAPE ARCHITECT IN ORDER TO PROMOTE HEALTHY AND VIGOROUS PLANT GROWTH
6. ALL PLANTING AREAS WILL BE MAINTAINED IN A WEED AND DEBRIS FREE CONDITION
7. ALL ON-SITE IRRIGATION IMPROVEMENTS SHALL BE PART OF THE EXISTING POTABLE WATER DISTRIBUTION SYSTEM FOR THE EXISTING SITE
8. SPRINKLER HEADS SHALL BE ADJUSTED FOR OPTIMUM PERFORMANCE. THIS SHALL INCLUDE THROTTLING THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM. CONDITIONS THAT CAUSE OVER-SPRAY, PONDING, OR RUN-OFF SHALL BE ELIMINATED. ADJUST SYSTEM TO AVOID THESE CONDITIONS
9. BEST IRRIGATION MANAGEMENT PRACTICES SHALL BE USED TO ELIMINATE OR CONTROL TO THE BEST EXTENT POSSIBLE PONDING, RUN-OFF, OVER-SPRAY AND MISTING
10. IRRIGATION HEADS SHALL BE LOCATED OR ADJUSTED TO MINIMIZE OR ELIMINATE OVER-SPRAYING ON SIDEWALKS, STREETS AND NON-DESIGNATED USE AREAS
11. NEW IRRIGATION SYSTEM TO BE CONNECTED TO THE CLOSEST EXISTING IRRIGATION VALVE BOX

PROPOSED PLANTING LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	FORM / FUNCTION	PLANTING SIZE	QUANTITY	MATURE HEIGHT & SPREAD
T1	PINUS HALEPENSIS	ALEPPO PINE	TREE	EXISTING	6	40' HT 30' W.
T1	PINUS HALEPENSIS	ALEPPO PINE	TREE	24" BOX	7	40' HT 30' W.
S1	CEANOTHUS THYRSIFLORUS	WILD LILAC	SHRUB	EXISTING	15	5' HT 5' W.
S1	CEANOTHUS THYRSIFLORUS	WILD LILAC	SHRUB	5 GAL. ②	12 ②	5' HT 5' W.

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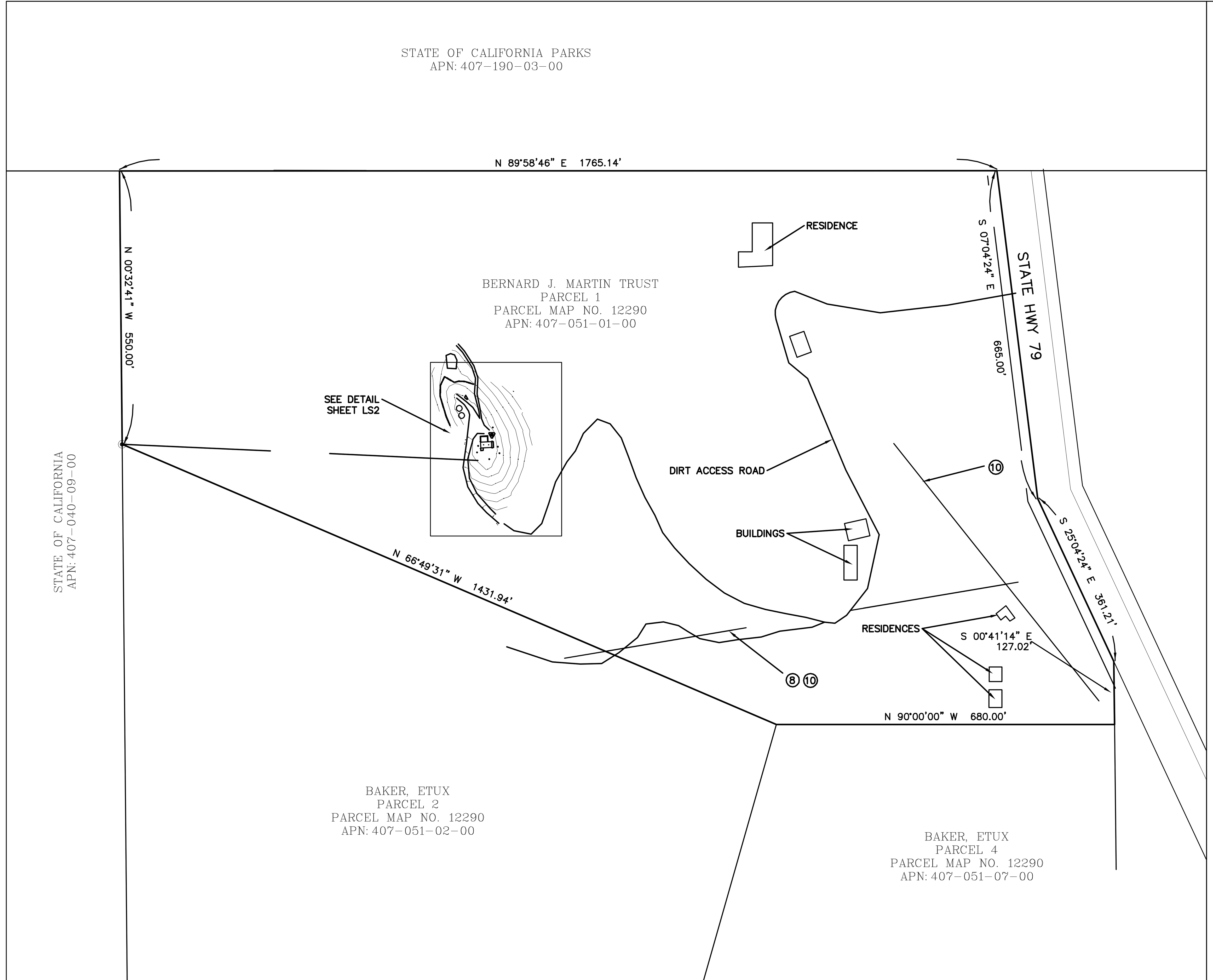
SHEET TITLE

LANDSCAPE & IRRIGATION PLAN

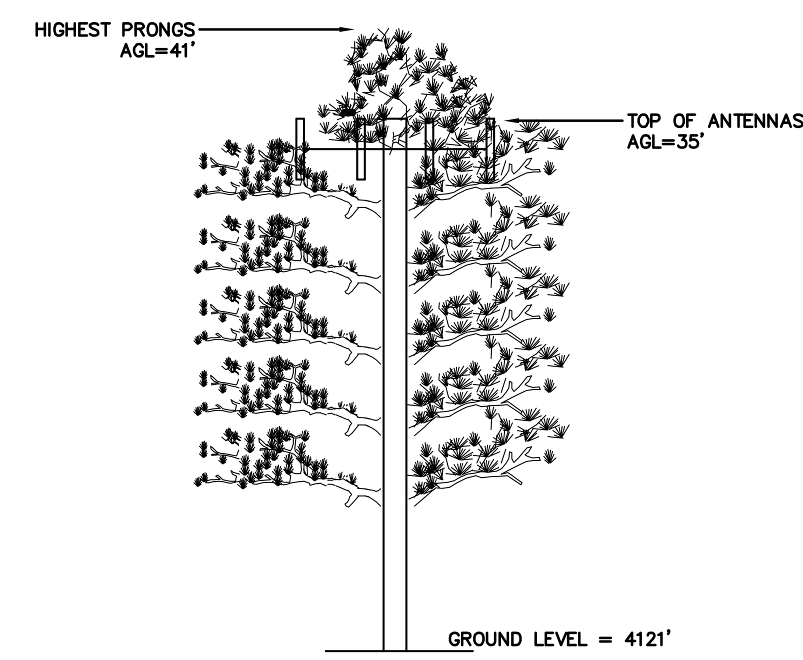
PROJECTS\AT&T\11043

L-1



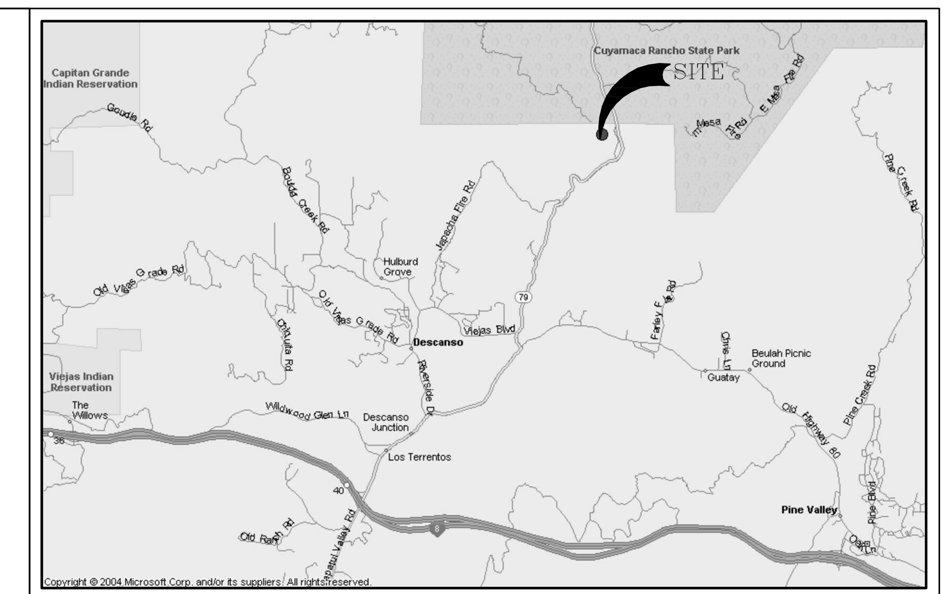
OVERALL SITE PLAN

SCALE: 1"=160' (160 80 0 80)

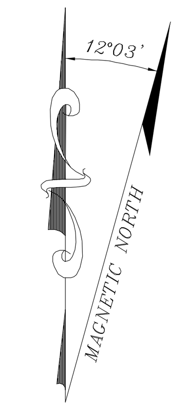


POLE DETAIL

SCALE: 1"=10' (10 5 0 10)



VICINITY MAP



PROPERTY LEGAL DESCRIPTION

PARCEL 1 OF PARCEL MAP NO. 12290, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, AUGUST 26, 1982, AS FILE NO. 82-265241 OF OFFICIAL RECORDS.

PROPOSED EQUIPMENT LEASE

TITLE REPORT NOTES

TITLE REPORT NOTES:

THE FOLLOWING EASEMENTS EFFECT SAID PARCEL AND ARE SHOWN HEREON. SEE PRELIMINARY TITLE REPORT NO.12653301 PREPARED BY LAWYERS TITLE COMPANY AND DATED APRIL 13, 2011 FOR OTHER DOCUMENTS (NON-EASEMENTS) EFFECTING SAID PROPERTY.

ITEM #2 – deleted by revised report

ITEM #5 – An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: San Diego Gas and Electric Company
Purpose: Public utilities
Recorded: October 5, 1982, as Instrument No. 82-306507, of Official Records
(EXACT LOCATION IS NOT DISCLOSED OF RECORD)

ITEM #7 – A document subject to all the terms, provisions and conditions therein contained.
Entitled: Easement and Well Sharing Agreement
Dated: October 3, 1985
Executed by: Carlynne Williams Martin and George O. Baker, et al
Recorded: October 9, 1985, as Instrument No. 85-375329, of Official Records
(EXACT LOCATION IS NOT DISCLOSED OF RECORD)

ITEM #8 – An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: San Diego Gas and Electric Company
Purpose: Public utilities
Recorded: December 8, 1986, as Instrument No. 86-568182, of Official Records
(AS SHOWN HEREON)

TITLE REPORT NOTES CONTINUED:

ITEM #10 – An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: The Pacific Telephone and Telegraph Company or Pacific Bell
Purpose: Public utilities
Recorded: October 25, 1990, as Instrument No. 90-580479, of Official Records
(AS SHOWN HEREON)

ITEM #14 – An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: Pacific Bell Telephone Company, a California Corporation dba AT&T California
Purpose: Public utilities
Recorded: June 8, 2010 as Instrument No. 2010-0286746 of Official Records
(EXACT LOCATION IS NOT DISCLOSED OF RECORD)

END OF EASEMENTS

OWNER'S NAME: BERNARD J. MARTIN TRUST
ASSESSOR'S PARCEL NUMBER(S) 407-051-01-00
BASIS OF BEARINGS: (NAD 83; Epoch 2002)
THE BEARINGS SHOWN HEREON ARE BASED ON TRUE NORTH AS DETERMINED BY G.P.S. OBSERVATIONS, USING TRIMBLE 5700/5800 RECEIVERS AND TRIMBLE GEODETIC OFFICE 1.60 SOFTWARE.

BASIS OF ELEVATIONS: NAVD 1988
ELEVATIONS ARE BASED ON GPS OBSERVATIONS FROM TWO NATIONAL GEODETIC SURVEY C.O.R.S. REFERENCE STATIONS: 1) P473, ELEVATION = 732.40' AND 2) PIN1, ELEVATION = 4233.46' WITH GEOID99 CORRECTIONS APPLIED.

SITE DATA

FEMA FLOOD ZONE DESIGNATION: *National Flood Insurance Program:*
County: SAN DIEGO Effective Date: 6/19/1997
Panel: 1464F Community–Panel Number: 06073C
The Flood Zone Designation for this site is: ZONE: X

FEMA FLOOD ZONE INFORMATION

LEGEND

Symbol	Description
▣	ELECTRIC BOX
◉	FOUND MONUMENT
▭	TELEPHONE BOX
●	TREE CONIFEROUS
▭	PANEL ANTENNA
EC	EDGE OF CONCRETE
ER	EDGE OF DIRT ROAD
GB	GRADE BREAK
NG	GROUND SPOT ELEVATION
RTOE	ROOF TOE
RTOP	ROOF TOP
TOLG	TOWER FOOTING
TRTP3	TREE TOP CONIFEROUS
TW	WALL TOP
WT	WATER TANK RIM
———	BOUNDARY LINE
———	CENTERLINE
———	MISC. PROPERTY LINE
———	MISC. TIE LINE
———	RIGHT-OF-WAY LINE
———	EASEMENT LINE
———	FENCE LINE

GENERAL NOTES

1) This is not a boundary survey. This is a specialized topographic map. The property lines and easements shown hereon are from record information as noted hereon. Floyd Surveying, Inc. translated the topographic survey to record information using the two found monuments shown hereon. No title research was performed by Floyd Surveying, Inc.

2) Any changes made to the information on this plan, without the written consent of Floyd Surveying, Inc. relieves Floyd Surveying, Inc. of any and all liability.

3) These drawings & specifications are the property & copyright of Floyd Surveying, Inc. & shall not be used on any other work except by agreement with the Surveyor. Written dimensions shall take preference over scaled & shall be verified on the job site. Any discrepancy shall be brought to the notice of the Surveyor prior to commencement of any work.

4) Field survey completed on FEBRUARY 21, 2011.

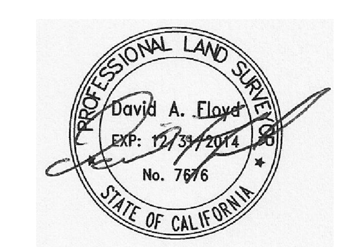
BOOTH & SUAREZ
ARCHITECTURE PLANNING
WILLIAM M. BOOTH. ARCHITECT ROBERT J. SUAREZ. ARCHITECT
P.O. BOX 4651. CARLSBAD, CA. 92018 (760) 434-8474

PREPARED FOR
at&t MOBILITY
6925 LUSK BOULEVARD
SAN DIEGO, CA 92121

PREPARED BY: DAF
CHECKED BY: DAF
APPROVED BY: DAF

#	DATE	REVISIONS
1.	2/23/11	SITE SURVEY
2.	5/23/11	TITLE REVIEW

FLOYD SURVEYING
2621 GREEN RIVER RD.
STE 105--202
CORONA, CA 92882
CELL: (949) 200-0626
EMAIL: fsi@floydsurveying.com



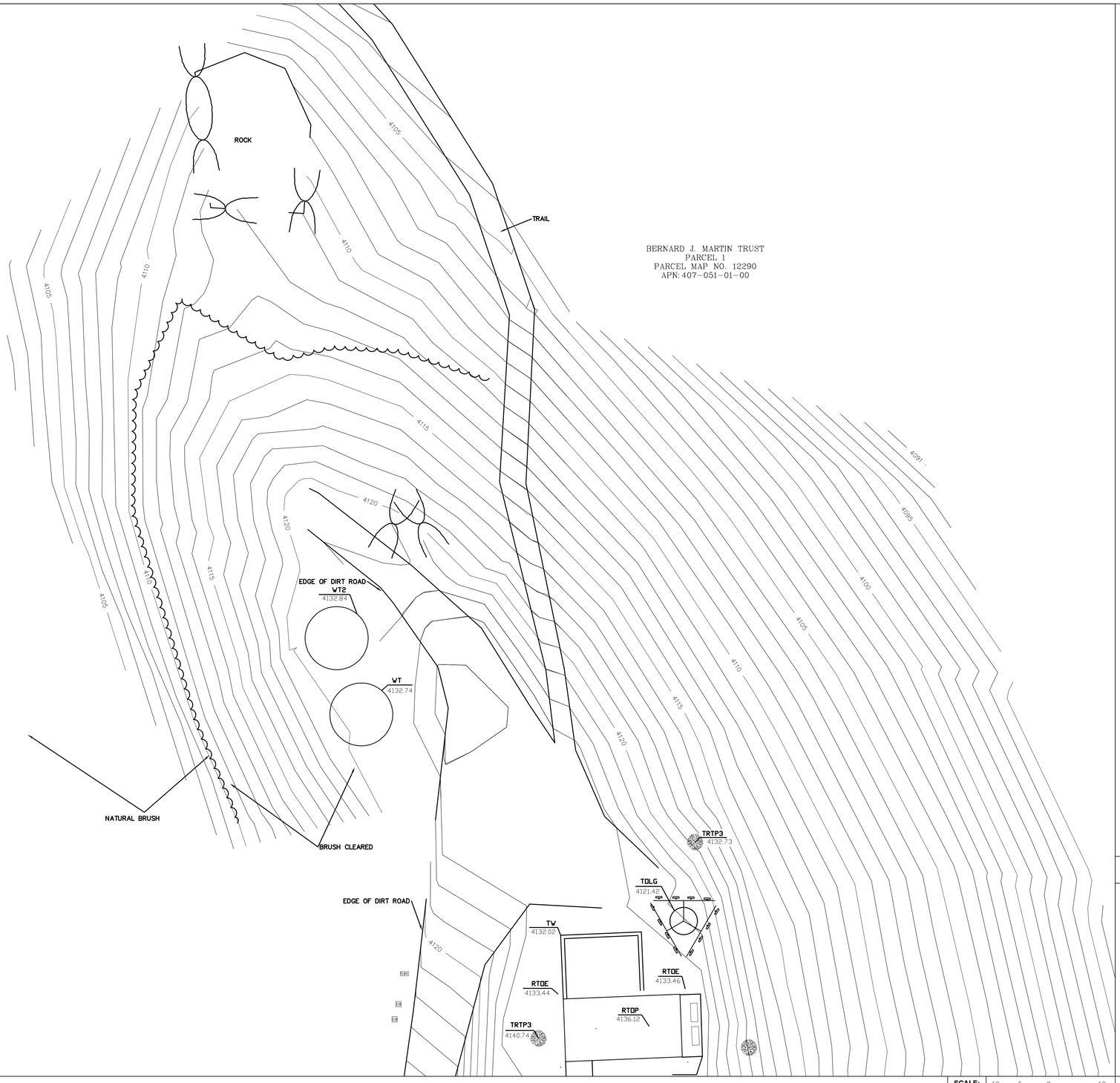
SITE NAME
DESCANSO

SITE NUMBER
SD0653

SITE ADDRESS
11190 HWY 79
DESCANSO, CA 91916

SHEET TITLE
SITE SURVEY
GENERAL INFORMATION

SHEET NUMBER
LS1



DETAIL SITE PLAN

SCALE: 1"=10'

10 5 0 10

LEGEND

- ELECTRIC BOX
- FOUND MONUMENT
- TELEPHONE BOX
- TREE CONIFEROUS
- PANEL ANTENNA

EC	EDGE OF CONCRETE
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LEGEND

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4) Field survey completed on FEBRUARY 21, 2011.

GENERAL NOTES

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ARCHITECTURE PLANNING
WILLIAM M. BOOTH, ARCHITECT ROBERT J. SUAREZ, ARCHITECT
P.O. BOX 4651, CARLSBAD, CA. 92018 (760) 434-8474

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PREPARED BY: DAF
CHECKED BY: DAF
APPROVED BY: DAF

#	DATE	REVISIONS
1.	2/23/11	SITE SURVEY
2.	8/21/13	ADDITIONAL TOPO

FLOYD SURVEYING
2621 GREEN RIVER RD.
STE 105--202
CORONA, CA 92882
CELL: (949) 200-0626
EMAIL: fsi@floydsurveying.com

PROFESSIONAL LAND SURVEYOR
David A. Floyd
Exp. 12/31/2014
No. 7696
STATE OF CALIFORNIA

SITE NAME
DESCANSO

SITE NUMBER
SD0653

SITE ADDRESS
11190 HWY 79
DESCANSO, CA 91916

SHEET TITLE
SITE SURVEY
GENERAL INFORMATION

SHEET NUMBER
LS2