



SITE NAME: HWY 101 & 237

PSL NUMBER: 277666

SITE ADDRESS: 787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

SITE ADDRESS:

787 NORTH MARY AVE
SUNNYVALE, CA 94085

PROPERTY OWNER:

NORTH MARY LLC
3715 HAVEN AVENUE SUITE 210
MENLO PARK, CA 94025
CONTACT: TJ BIANCHI AND TITO BIANCHI
PHONE: (650) 298-0080

PROJECT ARCHITECT:

DIAMOND ENGINEERING SERVICES
4255 PARK ROAD
BENICIA, CA 94510
CONTACT: BRUCE LYON, ARCHITECT

PROJECT ENGINEER:

DIAMOND ENGINEERING SERVICES, INC
4255 PARK ROAD
BENICIA, CA 94510
CONTACT: ERIC UHRENHOLT, PE

CONSTRUCTION MANAGER:

NSA WIRELESS, INC.
2010 CROW CANYON PL., STE. #355
SAN RAMON, CA 94583
CONTACT: SCOTT COWAN
PHONE: (707) 689-4144

ZONING/LEASING AGENT:

NSA WIRELESS, INC.
2010 CROW CANYON PL., STE. #355
SAN RAMON, CA 94583
PAMELA NOBEL
PHONE: (707) 486-7252

JURISDICTION:

CITY OF SUNNYVALE

COUNTY:

SANTA CLARA COUNTY

APN NUMBER

165-40-003

ELEVATION (NAVD88):

40.2'± AMSL

APPLICANT:

verizon wireless



2785 MITCHELL DRIVE
WALNUT CREEK, CA 94598

LATITUDE (NAD83):

37° 23' 56.5" N

LONGITUDE (NAD83):

122° 02' 09.2" W

POWER COMPANY:

P.G.&E.
PHONE: (800) 743-5000

TELCO COMPANY:

AT&T

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

1. 2013 CALIFORNIA BUILDING CODE (CBC)
2. WORK PERFORMED SHALL COMPLY WITH THE FOLLOWING:
 - CALIFORNIA FIRE CODE 2013 EDITION UFC
 - CALIFORNIA BUILDING CODE 2013 EDITION CBC
 - CALIFORNIA MECHANICAL CODE 2013 EDITION IAPMO
 - CALIFORNIA PLUMBING CODE 2013 EDITION IAPMO
 - CALIFORNIA ELECTRICAL CODE 2013 EDITION 2008 NEC
 - CAL GREEN CODE 2013 EDITION CGC
3. CALIFORNIA ENERGY EFFICIENCY STANDARDS CODE (CEES) 2013 EDITION REVISED JULY 2013, AND ALL APPLICABLE LOCAL & STATE ORDINANCES, CODES AND REGULATIONS AND 2013 CALIFORNIA STATE STANDARDS CODE AMENDMENTS.
4. 2. LOCAL BUILDING CODE
5. 3. CITY/COUNTY ORDINANCES
6. NFPA 76
7. EQUIPMENT SHELTER INSPECTED AND APPROVED BY STATE OF CALIFORNIA. NOT SUBJECT FOR LOCAL INSPECTION
8. COMPLY W/ SUNNYVALE MUNICIPAL CODE.
9. FUEL TANK SUPPORTING GENERATOR SHALL COMPLY THE REQUIREMENTS OF CHAPTER 57 CFC AND THE SUNNYVALE MUNICIPAL CODE

BUILDING CODES



VICINITY MAP

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2013 CALIFORNIA BUILDING CODE.

ADA COMPLIANCE

SIGNATURES

VERIZON WIRELESS EQUIPMENT ENGINEER:

VERIZON WIRELESS REAL-ESTATE:

SIGNATURE:

DATE:

SIGNATURE:

DATE:

VERIZON WIRELESS CONSTRUCTION:

VERIZON WIRELESS RF ENGINEER:

SIGNATURE:

DATE:

SIGNATURE:

DATE:

PROPERTY OWNER:

AGENT - LEASING:

SIGNATURE:

DATE:

SIGNATURE:

DATE:

AGENT - CONSTRUCTION:

AGENT - ZONING:

SIGNATURE:

DATE:

SIGNATURE:

DATE:

SIGNATURE OF APPROVAL

1. INSTALL NEW VERIZON WIRELESS SHELTER LOCATED IN THE (E) PARKING AREA.
2. INSTALL NEW 30kW DIESEL GENERATOR, W/ 132 GALLON, UL 142 LISTED TANK ON NEW CONCRETE PAD INSIDE FENCED COMPOUND.
3. INSTALL NEW 54'-0" EUCALYPTUS INSIDE NEW FENCED COMPOUND.
4. INSTALL (3) NEW ANTENNAS PER SECTOR TO THE NEW MONO EUCALYPTUS, (3) SECTORS TOTAL, FOR A TOTAL OF (9) ANTENNAS.
5. INSTALL (3) NEW RRUS PER SECTOR TO THE NEW MONOPINE, (3) SECTORS TOTAL, FOR A TOTAL OF (9) RRUS.
6. INSTALL (2) NEW RAYCAPS/SURGE SUPPRESSORS TO THE NEW EUCALYPTUS.

PROJECT DESCRIPTION



2785 MITCHELL DRIVE
WALNUT CREEK, CA 94598
TEL.: (925) 904-3533
FAX: (925) 904-3513

NSA Wireless, Inc.

2010 CROW CANYON PL., STE. #355
SAN RAMON, CA 94583
(925) 244-1890



PROJECT TEAM

SHEET NO	DESCRIPTION
T1	PROJECT INFORMATION & SHEET INDEX
G1	GENERAL NOTES AND ABBREVIATIONS
C-1	SITE SURVEY
C-2	SITE SURVEY
A1	SITE PLAN
A2	EQUIPMENT & ANTENNA PLAN
A3	NORTH EAST ELEVATION
A4	SOUTH EAST ELEVATION
A5	SOUTH WEST ELEVATION
A6	NORTH WEST ELEVATION
A7	EQUIPMENT & CABLE TRAY LAYOUTS
AD1	ANTENNA, RRU & RAYCAP DETAILS
AD2	ANTENNA COLOR CODES

SITE INFORMATION

ZONING:
ZONING CLASSIFICATION:
BUILDING TYPE:
OCCUPANCY:

MS-INDUSTRIAL/SERVICE
MS-INDUSTRIAL/SERVICE
V-B
S-2, UNMANNED WIRELESS
TELECOMMUNICATIONS FACILITY
AN AUTOMATED FIRE SUPPRESSION
SYSTEM (FIRE SPRINKLERS) IS NOT
REQUIRED.

FIRE SPRINKLES:

SITE COMPOUND LEASE AREA:
SHELTER LEASE AREA:
TOTAL LEASE AREA:

895± SQ. FT. (21'-10" x 41'-0")
194± SQ. FT. (INCLUDED IN COMPOUND AREA)
895± SQ. FT.

BUILDING DATA



DIAMOND ENGINEERING SERVICES

4255 PARK ROAD
BENICIA, CA 94510
TEL: 707-304-3351



wireless

2785 MITCHELL DRIVE
WALNUT CREEK, CA
94598TEL: (925) 904-3533
FAX: (925) 904-3513

VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

PROJECT INFORMATION
& SHEET INDEX

REVISIONS	DATE
DESCRIPTION	
No.	D
FOR REVIEW	07-24-2014
E	FOR REVIEW
08-01-2014	FOR REVIEW
F	FOR REVIEW
08-04-2014	FOR REVIEW
G	FOR REVIEW
08-08-2014	PER PLAN COMMENT
H	02-09-2015
I	02-17-2015
J	PER PLAN COMMENT

Job No.: N14027
Draw/Check By: BLL / EKV

T1

A/C	AIR CONDITIONING	GYP BD	GYPSUM BOARD
AB	ANCHOR BOLT		
AC	ASPHALTIC CONCRETE	HDR	HEADER
ACI	AMERICAN CONCRETE INSTITUTE	HDG	HOT DIP GALVANIZED
AD	AREA DRAIN	HORIZ	HORIZONTAL
ADDL	ADDITIONAL	HSS	HOLLOW STRUCTURAL SECTION
ADH	ADHESIVE		
ADJ	ADJACENT	IBC	INTERNATIONAL BUILDING CODE
ADJ	ADJUSTABLE	ID	INSIDE DIAMETER
AFF	ABOVE FINISHED FLOOR	ISO	INTERNATIONAL STANDARDS ORGANIZATION
AFG	ABOVE FINISHED GRADE		
AFS	ABOVE FINISHED SLAB		
AGL	ABOVE GRADE LEVEL	LBS	POUND
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LF	LINEAR FEET (FOOT)
		LONG	LONGITUDINAL
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MAX	MAXIMUM
APA	AMERICAN PLYWOOD ASSOCIATION	MB	MACHINE BOLT
APPROX	APPROXIMATE	MFR	MANUFACTURER
ASSY	ASSEMBLY	MIN	MINIMUM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MISC	MISCELLANEOUS
AUX	AUXILIARY	mm	MILLIMETER
AVG	AVERAGE	MTL	METAL
AWS	AMERICAN WELDING SOCIETY	N/A	NOT APPLICABLE
		NEC	NATIONAL ELECTRICAL CODE
B PL	BASE PLATE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
BLDG	BUILDING		
BM	BEAM	NIC	NOT IN CONTRACT
BGL	BELOW GRADE LEVEL	NO	NUMBER
BOS	BOTTOM OF STEEL	NTS	NOT TO SCALE
BOT	BOTTOM		
		OC	ON CENTER
C	CHANNEL	OD	OUTSIDE DIAMETER
CB	CARRIAGE BOLT	OPP	OPPOSITE
CB	CATCH BASIN	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
CIP	CAST-IN-PLACE		
CJ	CONSTRUCTION JOINT	PERP	PERPENDICULAR
CJ	CONTROL JOINT	PL	PROPERTY LINE
CL	CENTER LINE	PLYWD	PLYWOOD
CLG	CEILING	PN	PART NUMBER
CLR	CLEAR	POC	POINT OF CONNECTION
CMP	CORRUGATED METAL PIPE	PRELIM	PRELIMINARY
CMU	CONCRETE MASONRY UNIT	PREP	PREPARATION
CO	CLEANOUT	PT	PRESSURE TREATED
COL	COLUMN		
CONFIG	CONFIGURATION	QTY	QUANTITY
CONN	CONNECT		
CONT	CONTINUE	R	RADIUS
CSK	COUNTER SUNK	REINF	REINFORCE
CU	CUBIC	REQD	REQUIRED
CU FT	CUBIC FEET	REV	REVISION
CU IN	CUBIC INCH	RM	ROOM
CU YD	CUBIC YARD		
		SCHED	SCHEDULE
DBL	DOUBLE	SF	SQUARE FOOT (FEET)
DEG	DEGREE	SHT	SHEET
DET	DETAIL	SIM	SIMILAR
DIA	DIAMETER	SPEC	SPECIFICATION
DIAG	DIAGONAL	SQ	SQUARE
DIM	DIMENSION	SQ IN	SQUARE INCH
DIR	DIRECTION	SQ YD	SQUARE YARD
DJ	DOUBLE JOIST	SS	STAINLESS STEEL
DL	DEAD LOAD	ST	STREET
DP	DIAMOND PLATE	STA	STATION
DS	DOWNSPOUT	STD	STANDARD
DWG	DRAWING		
		T&B	TOP AND BOTTOM
E	EAST	T&G	TONGUE AND GROOVE
EA	EACH	TEMP	TEMPORARY
EL	ELEVATION	THK	THICKNESS
ELEV	ELEVATION	TOB	TOP OF BEAM
EMBED	EMBEDMENT	TOC	TOP OF CONCRETE
EP	EDGE OF PAVEMENTS	TOFF	TOP OF FINISH FLOOR
EQ	EQUAL	TOF	TOP OF FOOTING
EQUIP	EQUIPMENT	TOPO	TOPOGRAPHY
ETC	ET CETERA	TOS	TOP OF SLAB
EW	EACH WAY	TOS	TOP OF STEEL
		TOW	TOP OF WALL
FDN	FOUNDATION	TS	TUBE STEEL
FIN	FINISH	TYP	TYPICAL
FIN_FLR.	FINISH FLOOR		
FIN GR	FINISH GRADE	UON	UNLESS OTHERWISE NOTED
FLO	FLOOR		
FOC	FACE OF CONCRETE	VIF	VERIFY IN FIELD
FOS	FACE OF SLAB		
FOS	FACE OF STUD	W	WATT
FOW	FACE OF WALL	W/	WITH
FRP	FIBERGLASS REINFORCED PLASTIC	W/O	WITHOUT
FASTNR	FASTENER	WF	WIDE FLANGE
FT	FOOT (FEET)	WP	WORKING POINT
FTG	FOOTING	WWF	WELDED WIRE FABRIC
GA	GAGE	±	CENTERLINE
GALV	GALVANIZED	±	PLATE
GL	GRADE LEVEL / GROUND LEVEL	±	PLUS OR MINUS
GLZ	GLAZING	(E)	EXISTING
GSM	GALVANIZED SHEET METAL		

ABBREVIATIONS

GENERAL:
THESE PLANS ARE A BUILDER'S SET. DES BUILDERS WAS CONTRACTED TO PROVIDE A BUILDER'S SET WITH THE AGREEMENT THAT AN EXPERIENCED AND KNOWLEDGEABLE CONTRACTOR SHALL CONSTRUCT THIS PROJECT. THE PLANS CONTAIN INFORMATION FOR GENERAL CONSTRUCTION AND BUILDING PERMIT PURPOSES ONLY AND ARE NOT EXTENSIVELY DETAILED NOR ARE SPECIFICATIONS PROVIDED. FOR ITEMS, METHODS AND/OR MATERIALS NOT SHOWN, THE MINIMUM REQUIREMENT OF THE 2013 CBC SHALL GOVERN. ANY OR PART OF ALL SYSTEMS, MATERIALS, CONNECTIONS, AND DETAILS NOT SPECIFICALLY PROVIDED IN THESE PLANS ARE THE SOLE AND COMPLETE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY VERIFY AND INSTALL. THE ENGINEER DOES NOT PROVIDE CONTINUOUS CONSTRUCTION OBSERVATION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE QUALITY AND CONSTRUCTION STANDARDS FOR THIS PROJECT. THE ENGINEER AND ARCHITECT ARE NOT RESPONSIBLE FOR CONSTRUCTION COST DUE TO REVISIONS TO THE DRAWINGS.

JOB SAFETY:
THE ENGINEER IS NOT RESPONSIBLE FOR THE FABRICATION, ERECTION, AND/OR JOB SAFETY. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SHORING, BRACING, FORM WORK, ETC., AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING THE CONSTRUCTION OF THE BUILDING.

SHOP DRAWINGS:
SHOP DRAWINGS ARE AN AID FOR FIELD PLACEMENT AND ARE SUPERSEDED BY THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAKE CERTAIN THAT THE SHOP DRAWINGS AND CONSTRUCTION ARE IN CONFORMANCE WITH THE LATEST ARCHITECTURAL AND STRUCTURAL DRAWINGS. AT LEAST 3 WEEKS BEFORE FABRICATION, THE CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO THE ENGINEER / ARCHITECT FOR REVIEW TO DETERMINE GENERAL COMPLIANCE WITH THE DRAWINGS. OUR REVIEW DOES NOT GUARANTEE IN ANY WAY THAT THE SHOP DRAWINGS ARE IN COMPLIANCE WITH THE LATEST DRAWINGS.

SITE OBSERVATIONS:
THE CONTRACTOR SHALL GIVE ENGINEER 72 HOURS MINIMUM NOTICE AS TO THE TIME OF THE SITE OBSERVATION OR SPECIAL INSPECTION FOR ANY OBSERVATION REQUIRED BY C.B.C. 2013 CHAPTER 17A. ALL WRITTEN SITE OBSERVATIONS / INSPECTIONS REPORTS BY THE REGULATORY AGENCY SHALL BE COPIED TO THE ENGINEER.

FOUNDATION:
DESIGN WAS BASED ON THE MINIMUM REQUIREMENTS OF CHAPTER 18 IN THE CBC.

- DIMENSIONS SHOWN ON THE DRAWINGS TAKE PRECEDENCE OVER SCALED MEASUREMENTS. DO NOT SCALE DRAWINGS.
- PLAN DIMENSIONS ARE TAKEN FROM FACE OF SURFACE TO FACE OF SURFACE OR GRID LINE.
- PLAN DIMENSIONS ARE TAKEN FROM FACE OF STRUCTURE, FINISH OR GRID LINE, UNLESS OTHERWISE NOTED, TYPICAL FOR FLOOR PLANS AND DETAILS.
- DETAILS ARE DIAGRAMMATICAL AND MAY DIFFER IN SCALE FROM PROPOSED CONDITIONS.
- DETAILED DRAWINGS AND LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.
- DETAILS LABELED TYP (TYPICAL) SHALL BE FABRICATED AT ALL LIKE CONDITIONS THROUGHOUT THE PROJECT UNLESS OTHERWISE NOTED. DETAILS LABELED SIM (SIMILAR) SHALL BE FABRICATED WITH MINOR DIFFERENCES AS SHOWN IN THE DETAIL.
- FOR DETAILS NOT SHOWN, USE THE MANUFACTURER'S STANDARD DETAILS OR APPROVED SHOP DRAWINGS/DATA SHEETS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- SHOP DRAWINGS ARE SUPERSEDED BY THESE DRAWINGS UNLESS APPROVED BY ENGINEER.
- THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE COMMENCING ANY WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL METHODS OF FABRICATION. SHORING, SCAFFOLDING, FORMWORK, ETC., MAY REQUIRE ADDITIONAL STRUCTURAL DESIGN.
- THE CONTRACTOR SHALL PROVIDE, LOCATE, AND INSTALL ACCESS PANELS AS REQUIRED AFTER INSTALLATION OF MECHANICAL AND ELECTRICAL WORK.
- ALL EQUIPMENT, DEVICES, FIXTURES AND MATERIALS SHALL BE LISTED BY AN APPROVED TESTING AGENCY.
- ALL MATERIAL SYSTEMS SHALL BE NON-COMBUSTIBLE WITH A FLAME SPREAD RATIO OF 25 OR LESS, SMOKE DEVELOPING RATING OF 50 OR LESS THAN A FUEL CONTRIBUTING OF ZERO.
- CONNECTING HARDWARE SHALL BE RATED FOR OPERATION UNDER AMBIENT CONDITIONS OF -40 TO 140 DEGREES FAHRENHEIT AND IN THE RANGE OF 0 TO 100 PERCENT RELATIVE HUMIDITY.
- THE SITE PLAN IS NOT BASED ON A SURVEY AND SHALL ONLY BE USED FOR THE SCOPE OF WORK SHOWN IN THESE DRAWINGS.
- FABRICATED STEEL PARTS, PIPE, BOLTS, PLATE WASHERS AND STEEL SECTIONS SHALL BE HOT DIPPED GALVANIZED. SHEET METAL SHALL BE GALVANIZED.

GENERAL NOTES

- ADDITIONAL CONTRACTOR SUBMITTALS: UPON REQUEST, CERTIFICATION THAT THE MATERIALS BEING USED MEET THE REQUIREMENTS SPECIFIED.
- MANUFACTURER'S DATA FOR: GROUTS AND EPOXIES, PREFAB. WOOD TRUSSES, CALCULATIONS AND DRAWINGS.
- OBSERVATION: THE ENGINEER WILL VISIT THE PROJECT SITE AS DICTATED BY CONSTRUCTION PROGRESS TO MAKE GENERAL OBSERVATIONS ON THE WORK FOR GENERAL CONFORMANCE TO THE DESIGN INTENT.
- GENERAL: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY OF ALL MATERIALS USED ON THE PROJECT AND SHALL BEAR THE BURDEN OF PROOF THAT THE MATERIALS USED COMPLY WITH THE PROJECT REQUIREMENTS.

QUALITY ASSURANCE


CODE	CALIFORNIA BUILDING CODE (CBC), 2013 EDITION.		
RESOURCE	ASCE/SEI 7-10 (FOR SEISMIC)		
BUILDING DATA:	TABLE VALUE		
OCCUPANCY GROUP:	S-2		
CONSTRUCTION TYPE	N/A		
FIRE SPRINKLERS	FIRE SPRINKLERS ARE NOT REQUIRED		
DESIGN LOADS			
FLOOR LOAD	N/A		
ROOF LOAD	N/A		
GROUND SNOW LOAD P_g =	N/A		
BASIC WIND SPEED	110		
WIND EXPOSURE	C		
SEISMIC DESIGN CATEGORY	D		
SITE CLASS	D		
FLOOD DESIGN LOAD			
SEISMIC IMPORTANCE FACTOR=	I=1.0		
SEISMIC OCCUPANCY GROUP	III TABLE 1-1		
MAPPED SPECTRAL RESPONSE ACCELERATIONS			
$S_s=1.500\text{ g}$	$S_{ms}=1.500\text{ g}$	$S_{ds}=1.000\text{ g}$	$S_1=0.600\text{ g}$
$SM_1=0.900\text{ g}$	$S_{d1}=0.600\text{ g}$		
SPECTRAL RESPONSE COEFFICIENTS			
		$F_a=1.0$	$F_v=1.5$

DESIGN CRITERIA



DIAMOND ENGINEERING SERVICES

4255 PARK ROAD
BENICIA, CA 94510
TEL: 707-304-3351



verizon wireless

2785 MITCHELL DRIVE
WALNUT CREEK, CA
94598
TEL: (925) 904-3533
FAX: (925) 904-3513

VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

GENERAL NOTES AND
ABBREVIATIONS

REVIEWS		DESCRIPTION	DATE
No.	D	FOR REVIEW	07-24-2014
	E	FOR REVIEW	08-01-2014
	F	FOR REVIEW	08-04-2014
	G	FOR REVIEW	08-08-2014
	H	PER PLAN COMMENT	02-09-2015
	J	PER PLAN COMMENT	02-17-2015

Job No.: N14027	Draw/Check By: BLL / EKU
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1(S) PER TITLE REPORT:

ERS CONTAINED IN THAT CERTAIN DOCUMENT
GRANT DEED
JULY 30, 1951
D BY: HENRY H. BULL, UNMARRIED MAN AND CITY AND COUNTY OF SAN FRANCISCO, A MUNICIPAL
TION
V6 DATE: AUGUST 1, 1951
V6 NO.: BOOK 2259, PAGE 187 OF OFFICIAL RECORDS
CE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
ITTED AS SHOWN HEREON ***

ERS CONTAINED IN THAT CERTAIN DOCUMENT
GRANT DEED
JULY 31, 1951
D BY: LOUISE C.CHACE AND J. D. CHACE, HER HUSBAND AND THE CITY AND COUNTY OF SAN FRANCISCO, A
L CORPORATION
V6 DATE: AUGUST 6, 1951
V6 NO.: BOOK 2262, PAGE 31 OF OFFICIAL RECORDS
CE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
ITTED AS SHOWN HEREON ***

WNERSHIP OF SAID LAND DOES NOT INCLUDE RIGHTS OF ACCESS TO OR FROM THE STREET, HIGHWAY,
WAY ABUTTING SAID LAND, SUCH RIGHTS HAVING BEEN RELINQUISHED BY THE DOCUMENT,
V6 DATE: JANUARY 26, 1958
V6 NO.: BOOK 4302, PAGE 186 OF OFFICIAL RECORDS
ITTED AS SHOWN HEREON ***

MENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS DELINEATED OR AS
FOR DEDICATION, ON THE MAP OF SAID TRACT/PLAT;
INGRESS AND EGRESS
AS SHOWN ON MAP
ITTED AS SHOWN HEREON ***

MENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS RESERVED IN A DOCUMENT;
D BY: RICHARD T. PERRY, TRUSTEE OF SUCCESSOR TRUSTEE UNDER THE TRUST AGREEMENT DATED JULY 20,
HARD T. PERRY SEPARATE PROPERTY TRUST) AND AS AMENDED AS TO AN 1/2 INTEREST AND JOHN
E, TRUSTEE OR SUCCESSOR TRUSTEE UNDER THE TRUST AGREEMENT DATED JULY 20, 1977 (JOHN ARRILLAGA
E PROPERTY TRUST) AND AS AMENDED AS TO AN UNDIVIDED 1/2 INTEREST.
INGRESS AND EGRESS
V6 DATE: JANUARY 13, 1978
V6 NO.: BOOK D404, PAGE 425 OF OFFICIAL RECORDS
ITTED AS SHOWN HEREON ***

INRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS SET FORTH THEREIN AS
D BY THE DOCUMENT
SUBORDINATION, NON-DISTURBANCE AND ATTORNMEN AGREEMENT
NORTH MARY LLC, A CALIFORNIA LIMITED LIABILITY COMPANY
APPLE INC, A CALIFORNIA CORPORATION
V6 DATE: AUGUST 24, 2012
V6 NO.: INSTRUMENT NO. 21820556 OF OFFICIAL RECORDS
EMENT RECORDED AUGUST 24, 2012 AT INSTRUMENT NO. 21820556 WHICH STATES THAT SAID LEASE HAS
CE SUBORDINATE TO THE DOCUMENT
DEED OF TRUST
V6 DATE: JUNE 1, 1990
V6 NO.: INSTRUMENT NO. 10543742, BOOK L375, PAGE 978 OF OFFICIAL RECORDS
T PLOTTABLE-EXACT LOCATION IS NOT DEFINED BY RECORD ***

INRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS SET FORTH THEREIN AS
D BY THE DOCUMENT
NOTICE OF NONRESPONSIBILITY
NORTH MARY LLC, A CALIFORNIA LIMITED LIABILITY COMPANY
APPLE CORPORATION, A CALIFORNIA CORPORATION
V6 DATE: JANUARY 17, 2014
V6 NO.: INSTRUMENT NO. 22500548 OF OFFICIAL RECORDS
T PLOTTABLE-EXACT LOCATION IS NOT DEFINED BY RECORD ***

D LESSEE LEASE/LICENSE AREA DESCRIPTION:

T PORTION OF THE HEREON DESCRIBED LESSOR'S PROPERTY, SITUATE IN THE CITY OF SUNNYVALE, COUNTY OF
LARA, STATE OF CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ING AT THE NORTHWESTERLY MOST CORNER OF SAID PROPERTY, THENCE ALONG A CURVE, CONCAVE TO THE
HAVING A RADIUS OF 548.03 FEET, THROUGH A CENTRAL ANGLE OF 3°20'19", FOR AN ARC DISTANCE OF 31.93
ENCE S 11°56'04" E, A DISTANCE OF 0.91 FEET TO THE POINT OF BEGINNING;

- 1) N 74°52'14" E, A DISTANCE OF 41.00 FEET;
- 2) S 15°07'46" E, A DISTANCE OF 12.83 FEET TO POINT 'A';
- 3) CONTINUING S 15°07'46" E, A DISTANCE OF 9.00 FEET;
- 4) S 74°52'14" W, A DISTANCE OF 41.00 FEET;
- 5) N 15°07'46" W, A DISTANCE OF 21.83 FEET TO THE POINT OF BEGINNING.

NG 895 SQUARE FEET, MORE OR LESS.

D LESSEE NON-EXCLUSIVE ACCESS AND UTILITY ROUTE DESCRIPTION:

OOT WIDE NON-EXCLUSIVE ROUTE FOR INGRESS, EGRESS AND UTILITY PURPOSES, LYING 2.50 FEET ON EACH
THE FOLLOWING DESCRIBED CENTERLINE:

IG AT THE HEREINBEFORE DESCRIBED POINT 'A';

- 1) S 15°07'46" E, A DISTANCE OF 11.50 FEET;
- 2) S 74°52'14" W, A DISTANCE OF 36.75 FEET TO POINT 'B' AND THE TERMINUS OF THIS DESCRIPTION.

R WITH A 12.00 FOOT WIDE NON-EXCLUSIVE ACCESS ROUTE FOR INGRESS AND EGRESS PURPOSES, LYING 6.00
EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

IG AT THE HEREINBEFORE DESCRIBED POINT 'B';

- 1) S 28°24'08" E, A DISTANCE OF 42.92 FEET;
- 2) S 73°24'08" E, A DISTANCE OF 115.28 FEET;
- 3) S 28°24'08" E, A DISTANCE OF 14.50 FEET;
- 4) S 16°35'52" W, A DISTANCE OF 48.67 FEET;
- 5) S 73°24'08" E, A DISTANCE OF 48.67 FEET;
- 6) S 28°24'08" E, A DISTANCE OF 23.00 FEET;
- 7) S 16°35'52" W, A DISTANCE OF 188.21 FEET TO THE SOUTH LINE OF SAID LESSOR'S
PROPERTY AND THE TERMINUS OF THIS DESCRIPTION.

D LESSEE UTILITY ROUTE DESCRIPTION:

OOT WIDE NON-EXCLUSIVE UTILITY ROUTE FOR TELCO AND POWER PURPOSES, LYING 2.50 FEET ON EACH SIDE
FOLLOWING DESCRIBED CENTERLINE:

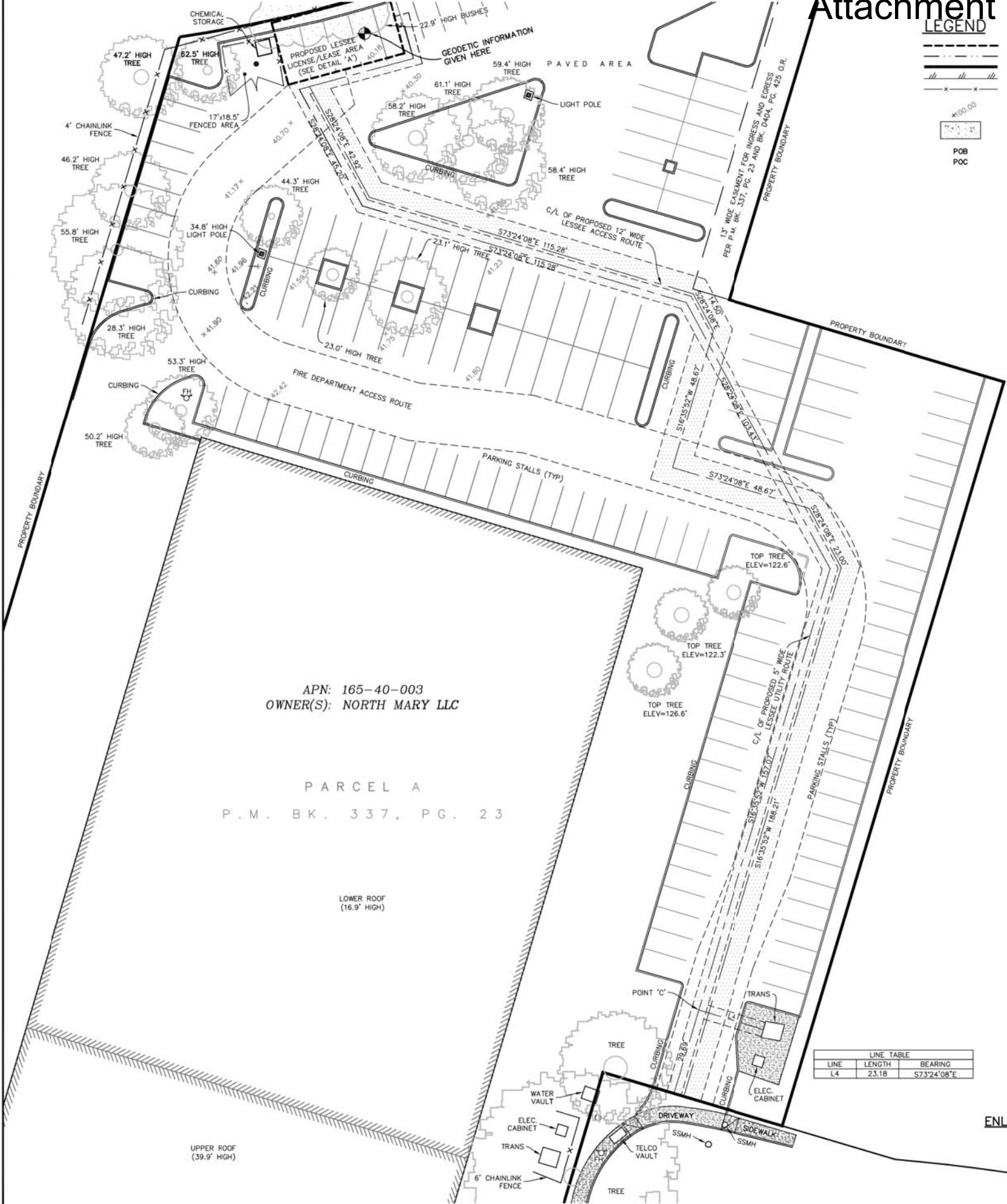
IG AT THE HEREINBEFORE DESCRIBED POINT 'B';

- 2) S 28°24'08" E, A DISTANCE OF 45.20 FEET;
- 3) S 73°24'08" E, A DISTANCE OF 115.29 FEET;
- 4) S 28°24'08" E, A DISTANCE OF 103.43 FEET;
- 5) S 16°35'52" W, A DISTANCE OF 157.07 FEET TO POINT 'C';
- 6) CONTINUING S 16°35'52" W, A DISTANCE OF 29.69 FEET TO THE SOUTH LINE OF
SAID LESSOR'S PROPERTY AND THE TERMINUS OF THIS DESCRIPTION.

R WITH A 5.00 WIDE NON-EXCLUSIVE UTILITY ROUTE FOR POWER PURPOSES, LYING 2.50 FEET ON EACH OF
LOWING DESCRIBED CENTERLINE:

IG AT THE HEREINBEFORE DESCRIBED POINT 'C';

- 1) S 73°24'08" E, A DISTANCE OF 23.18 FEET TO THE TERMINUS OF THIS DESCRIPTION.



LEGEND

- SITE BOUNDARY LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY (PER TITLE REPORT)
- EDGE OF PAVEMENT
- FENCELINE
- POWER POLE
- GROUND ELEVATION
- CONCRETE PAD
- POINT OF BEGINNING
- POINT OF COMMENCEMENT

NSA Wireless, Inc.

2010 Crow Canyon Place, Ste. 355
San Ramon, CA 94583
Office: 925-244-1890 Fax: 925-355-0672

SMITHCO
SURVEYING ENGINEERING

P.O. BOX 81626 BAKERSFIELD, CA 93380
PHONE: (661) 393-1217 FAX: (661) 393-1218

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REVISION

NO.	DESCRIPTION	BY	DATE
0	PRELIM. ISSUE	SL	05/21/14
1	LEASE/ESMNTS	SL	07/23/14
2	TITLE REVIEW	SL	07/31/14
3	LEASE/ESMNTS	SL	08/06/14
4	ACCESS/FIRE	SL	01/06/15

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DRAWN BY: SL
CHECKED BY: GJS
DATE DRAWN: 05/21/14
SMITHCO JOB #: 88-001

SITE NAME

277666
HWY 101 & 237

SITE ADDRESS


787 NORTH MARY AVENUE
SUNNYDALE, CA 94085
SANTA CLARA COUNTY

SHEET TITLE

SITE SURVEY


FOR EXAMINATION ONLY
SHEET

C-2



Diamond Engineering Services

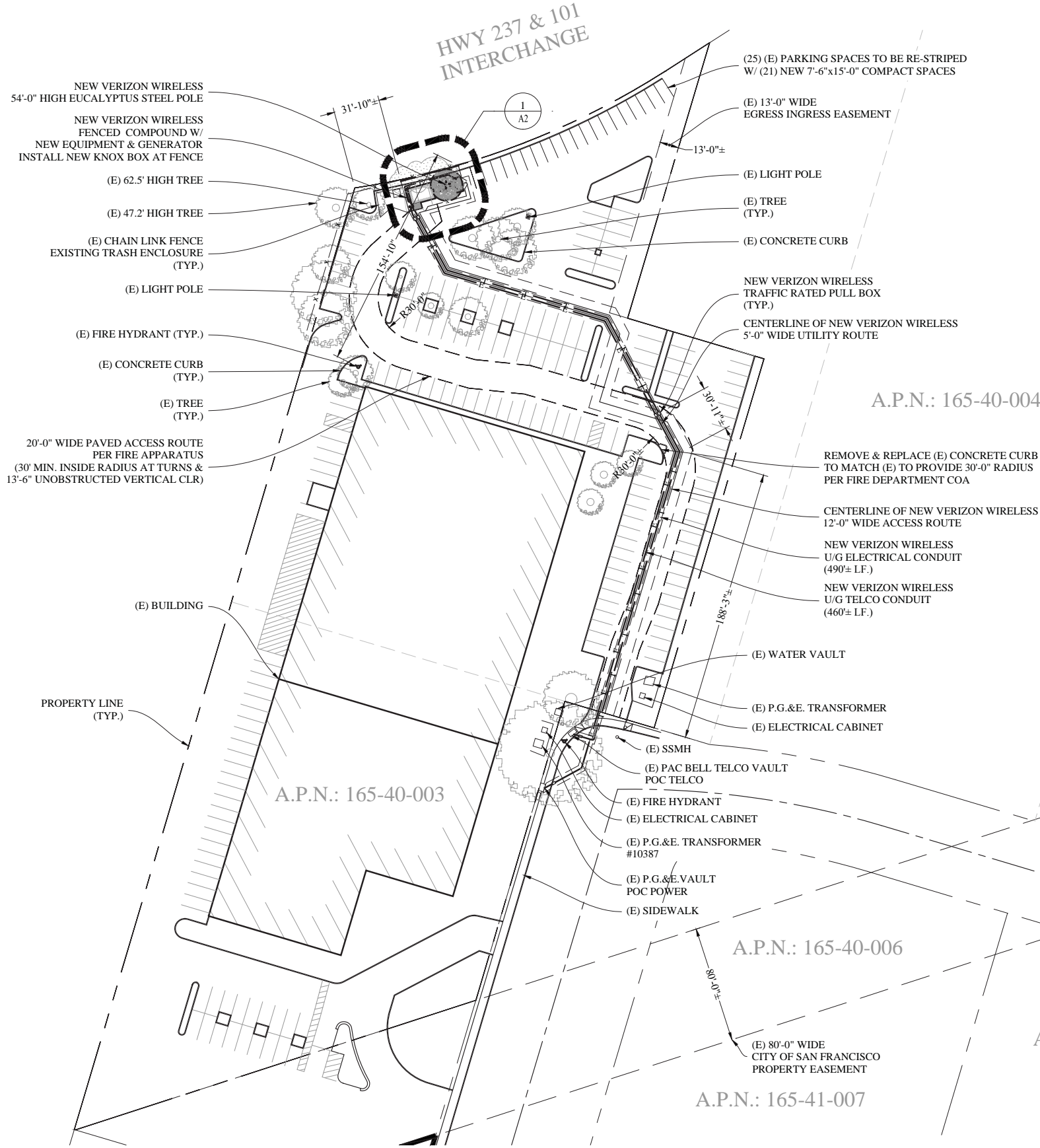
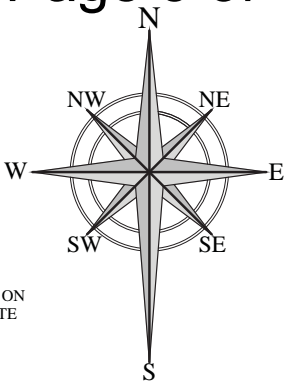
4255 PARK ROAD
BENICIA, CA 94510
TEL: 707-304-3351



Verizon

wireless

2785 MITCHELL DRIVE
WALNUT CREEK, CA
94598 TEL: (925) 904-3533
FAX: (925) 904-3513



NOTES:

PRIOR TO ANY COMBUSTIBLE CONSTRUCTION OR MATERIALS ON SITE, PROVIDE FIRE ACCESS DRIVES AND OPERATIONAL ON-SITE FIRE PROTECTION SYSTEMS.

PARKING

EXISTING PARKING SPACES AVAILABLE
PARKING SPACES = 164
ACCESSIBLE SPACES = 4

PROPOSED PARKING SPACES AVAILABLE AFTER RE-STRIPING
PARKING SPACES = 160
ACCESSIBLE SPACES = 4


(5) PARKING SPACES SHALL BE REMOVED TO ACCOMMODATE THE NEW VERIZON WIRELESS LEASE AREA. HOWEVER, THERE WILL BE ONLY A NET LOSS OF (4) SPACES AFTER RE-STRIPING.

1 SITE PLAN

SCALE: 40'-0"=1'-0"


VERIZON WIRELESS		SITE PLAN	
HWY 101 & 237 PSL#277666		787 NORTH MARY AVENUE	
		SUNNYVALE, CA 94085	
REVISIONS	DESCRIPTION	DATE	
No.			
D	FOR REVIEW	07-24-2014	
E	FOR REVIEW	08-01-2014	
F	FOR REVIEW	08-04-2014	
G	FOR REVIEW	08-08-2014	
H	PER PLAN COMMENT	02-09-2015	
J	PER PLAN COMMENT	02-17-2015	
Job No.: N14027		Draw/Check By: BLL / EKU	

A1



DIAMOND ENGINEERING SERVICES

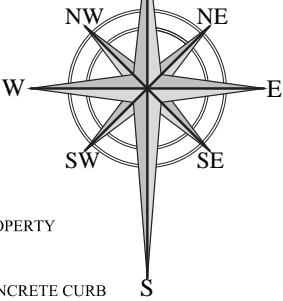
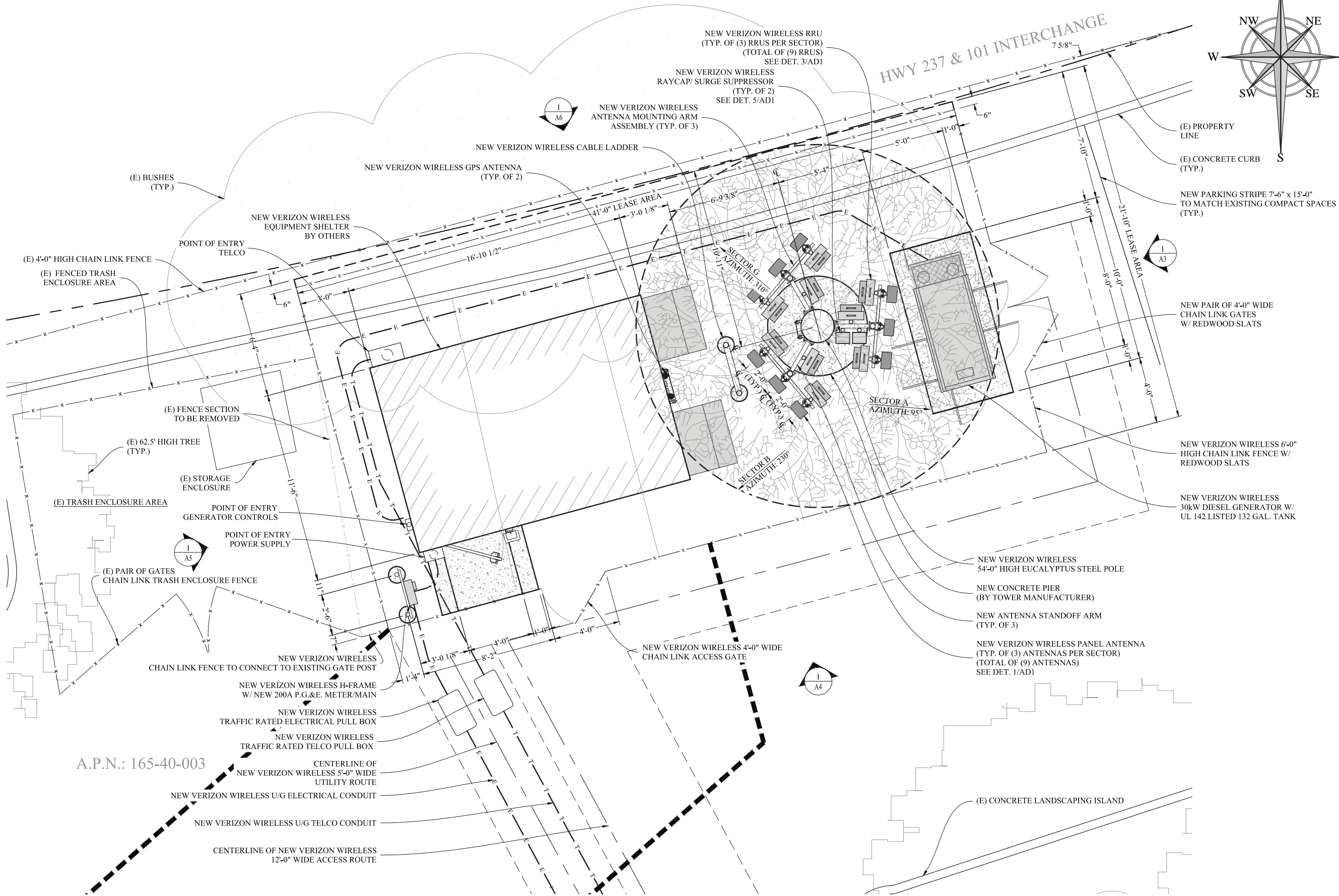
4255 PARK ROAD
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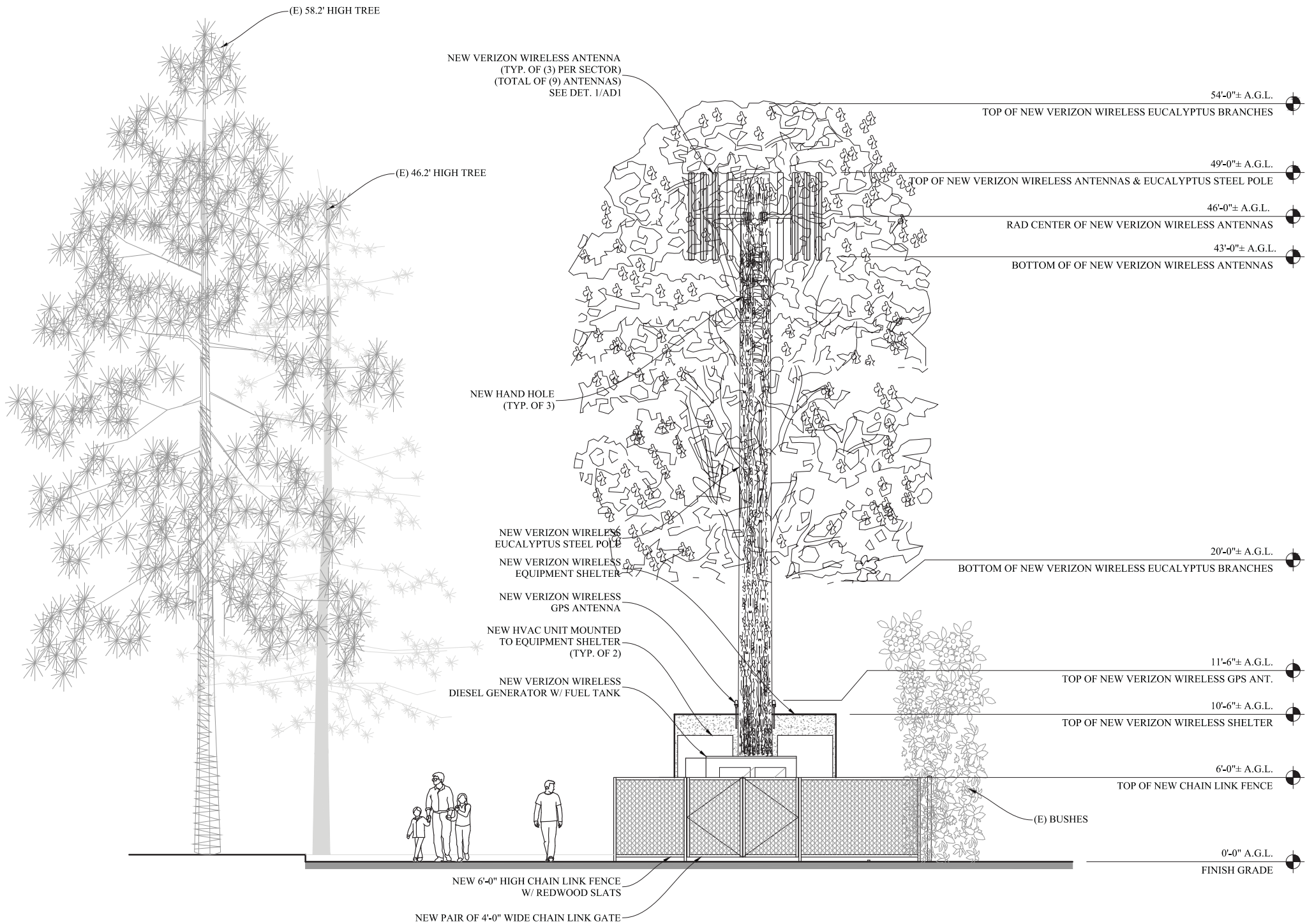


1 EQUIPMENT PLAN

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

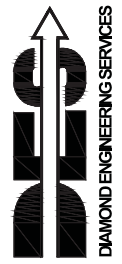
VERIZON WIRELESS		EQUIPMENT PLAN	
HWY 101 & 237 PSL#277666		787 NORTH MARY AVENUE	
SUNNYVALE, CA 94085			
REVISIONS	DESCRIPTION	DATE	
No.			
D	FOR REVIEW	07-24-2014	
E	FOR REVIEW	08-01-2014	
F	FOR REVIEW	08-04-2014	
G	FOR REVIEW	08-08-2014	
H	PER PLAN COMMENT	02-09-2015	
J	PER PLAN COMMENT	02-17-2015	
Job No.: N14027		Draw/Check By: BLL / EKV	

A2




1 NORTH EAST ELEVATION

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



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VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

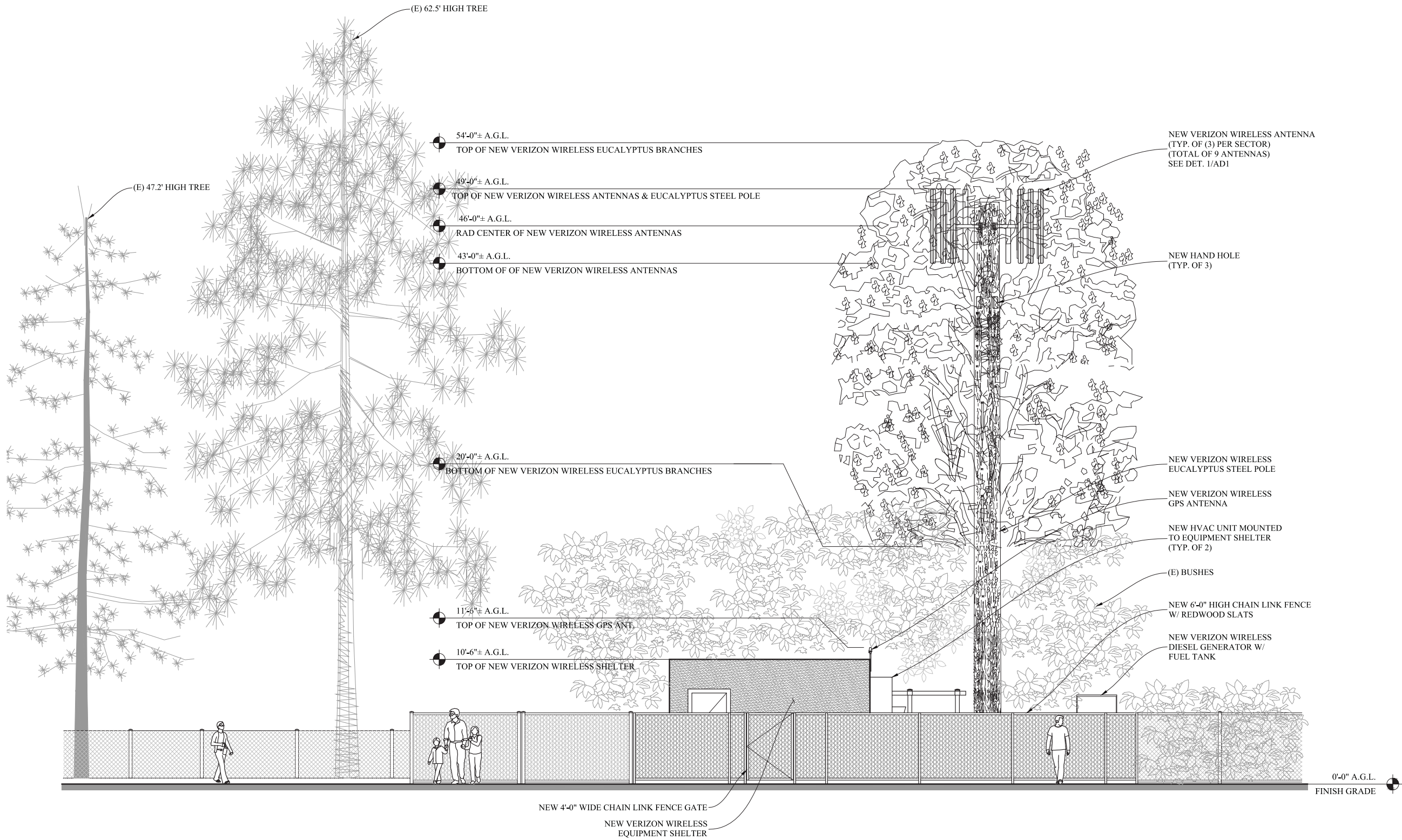
**NORTH EAST
ELEVATION**

No.	DESCRIPTION	REVISIONS					
		DATE	FOR REVIEW	FOR REVIEW	FOR REVIEW	FOR REVIEW	PER PLAN COMMENT
D		07-24-2014					
E		08-01-2014					
F		08-04-2014					
G		08-08-2014					
H		02-09-2015					
J		02-17-2015					

Job No.:
N14027

Draw/Check By:
BLL / EKU

A3




1 SOUTH EAST ELEVATION

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



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WALNUT CREEK, CA
94598 TEL: (925) 904-3533
FAX: (925) 904-3513

VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

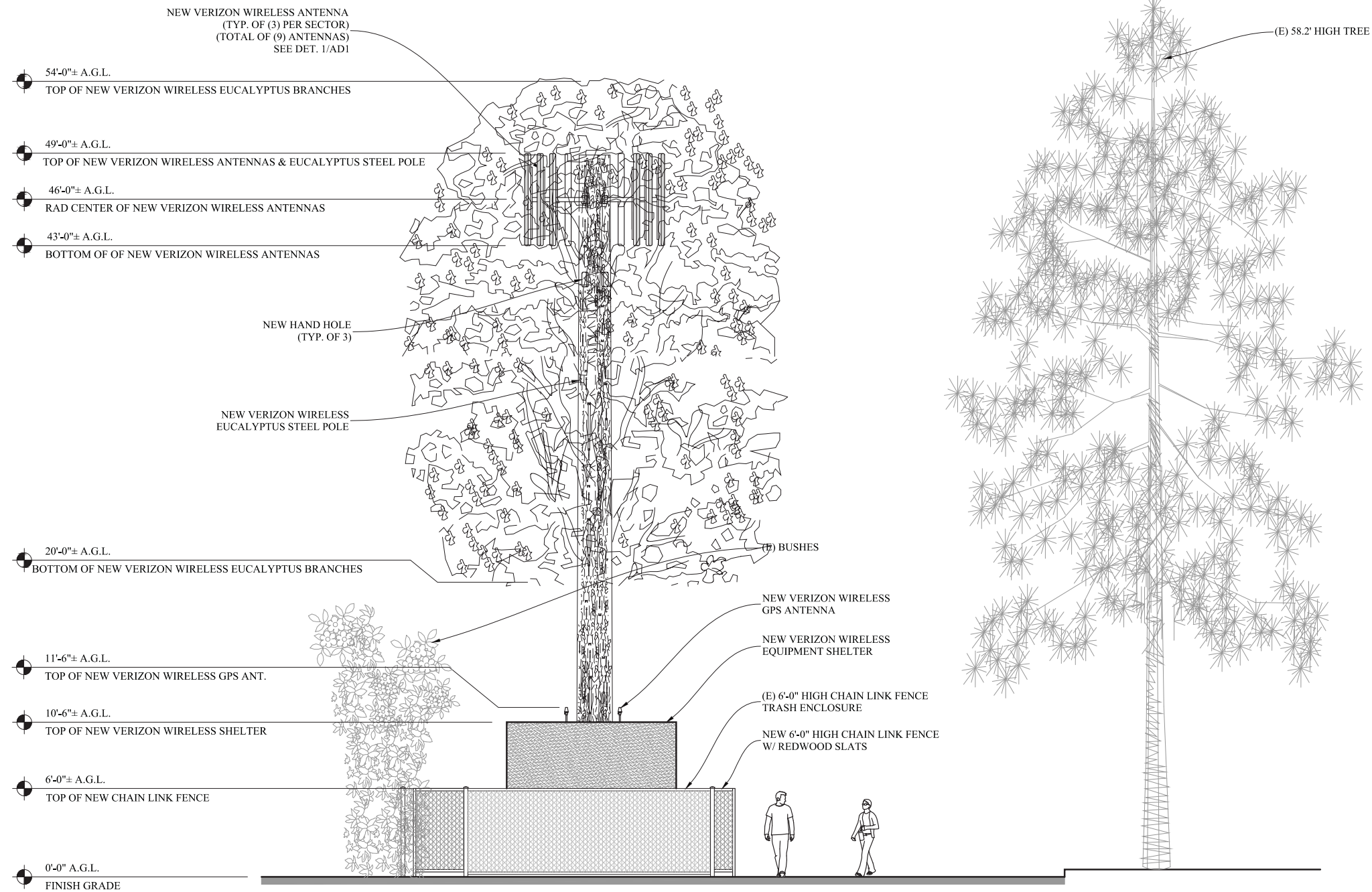
SOUTH EAST
ELEVATION

No.	DESCRIPTION	REVISIONS	
		DATE	
D	FOR REVIEW	07-24-2014	
E	FOR REVIEW	08-01-2014	
F	FOR REVIEW	08-04-2014	
G	FOR REVIEW	08-08-2014	
H	PER PLAN COMMENT	02-09-2015	
J	PER PLAN COMMENT	02-17-2015	

Job No.:
N14027

Draw/Check By:
BLL / ECU

A4




1 SOUTH WEST ELEVATION

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



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94598 TEL: (925) 904-3533
FAX: (925) 904-3513

VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

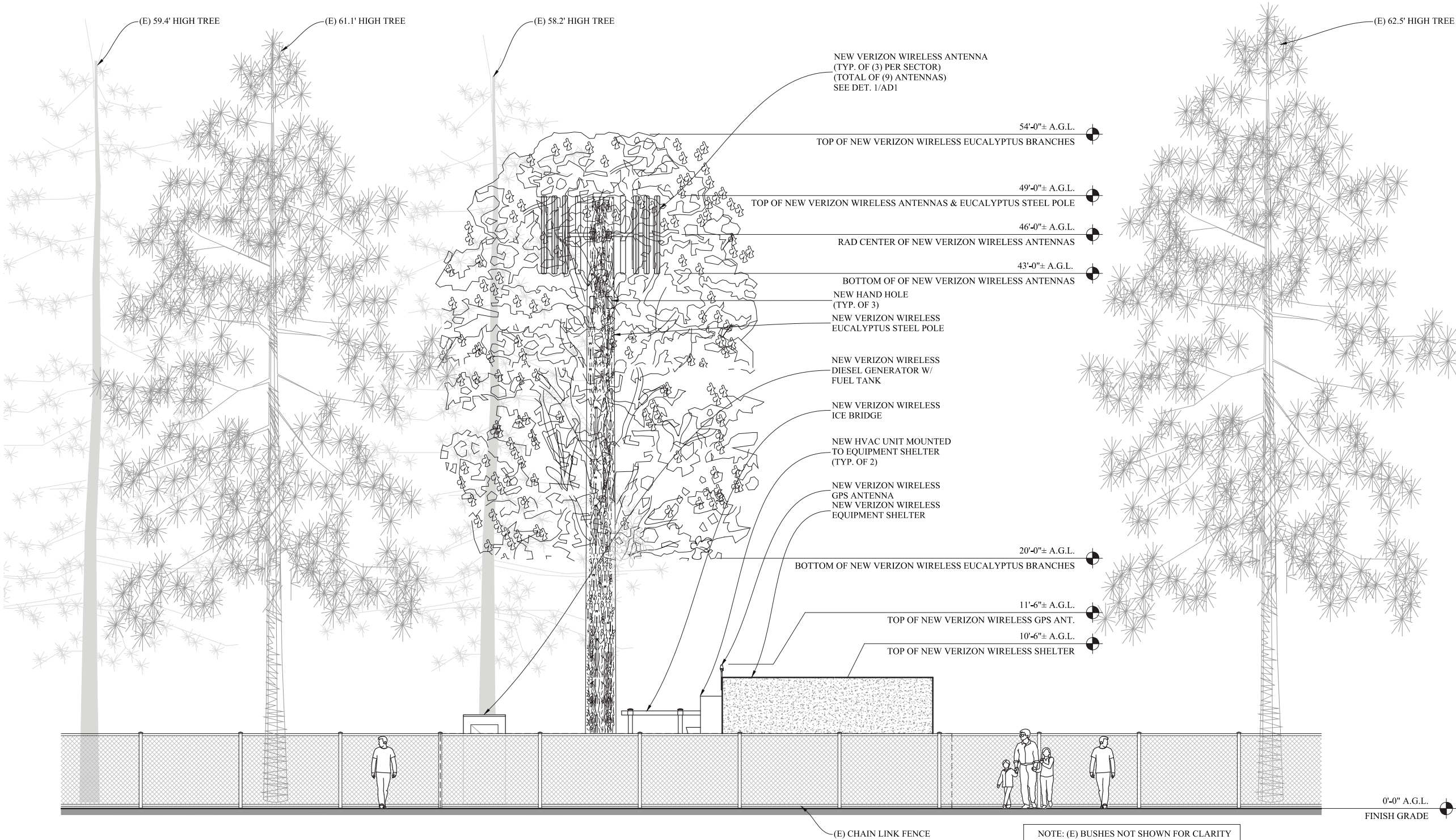
SOUTH WEST
ELEVATION

No.	DESCRIPTION	REVISIONS	
		DATE	
D	FOR REVIEW	07-24-2014	
E	FOR REVIEW	08-01-2014	
F	FOR REVIEW	08-04-2014	
G	FOR REVIEW	08-08-2014	
H	PER PLAN COMMENT	02-09-2015	
J	PER PLAN COMMENT	02-17-2015	

Job No.:
N14027


Draw/Check By:
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A5




1 NORTH WEST ELEVATION

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



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WALNUT CREEK, CA
94598 TEL: (925) 904-3533
FAX: (925) 904-3513

VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

NORTH WEST
ELEVATION

No.	DESCRIPTION	REVISIONS	
		DATE	
D	FOR REVIEW	07-24-2014	
E	FOR REVIEW	08-01-2014	
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H	PER PLAN COMMENT	02-09-2015	
J	PER PLAN COMMENT	02-17-2015	

Job No.:
N14027

Draw/Check By:
BLL / EKU

LEGEND:

1. WAVE GUIDE ENTRY PORT

2. MASTER GROUND BAR

3. TELCO ENTRANCE PANEL (4' X 8' X 3/4")

4. a)GNB 3-75A27 BATTERY MODULES (6V - 1015 AH)

b)GNB 3-90A27 BATTERY MODULES (6V - 1140 AH)

c)GNB 3-85A29 BATTERY MODULES (6V-1210 AH) MUST BE STACKED

d)POWERSAFE VH-34 BATTERY MODULES (2V - 1040 AH)

e)CAD HD1100 BATTERY MODULES (6V - 1100 AH)

5. AIR CONDITIONING UNIT

6. SECONDARY AC POWER DISTRIBUTION PANEL

7. TRANSFER SWITCH (MANUAL OR AUTOMATIC)

8. MAIN AC POWER DISTRIBUTION PANEL

9. COMMERCIAL POWER DISCONNECT SWITCH

10. FENVAL FIRE ALARM PANEL

11. ALARM TERMINAL CABINET

12. IRRIGATION CONTROLLER

13. HALON GAS STORAGE TANK/FM200 TANK

14. +24V POWER BUSBAR

15. -48V POWER BUSBAR

16. LIGHTNING ARRESTOR

17. ELECTROSTATIC DISCHARGE MAT (ESD MAT)

18. SNAP CONNECTOR FOR ESD MAT

19. TIME CLOCK PANEL

20. AIR CONDITIONING CONTROL PANEL

21. THERMOSTAT

22. EXHAUST FAN CONTROL PANEL

23. SURGE ARRESTOR

24. DEHYDRATOR

25. TRANSFORMER

26. FIRE EXTINGUISHER

27. EXHAUST FAN

28. AIR INTAKE

29. APPLETON PLUG

NOTES:

EFP = EQUIPMENT FLOOR PLAN

PPD = POWER PLANT DETAILS

EQR = EQUIPMENT RACK PROFILES

SID = SITE INTERCONNECT DETAILS

— = FUTURE

— = EQUIPPED

REVISIONS

PROJ. NO: 201

REV. 1

DATE: 09/25/15

ENGR

APRV

AMA

PBM +24V MODULAR POWER BAY

PB +24V STANDARD POWER DISTRIBUTION BAYS (E/W LORAIN RL200F25 RECTIFIERS)

PBR LORAIN RL200F25 RECTIFIER BAY

MISC MISCELLANEOUS BAY

AIF AT&T ANTENNA INTERFACE FRAME

RCF AT&T RADIO CHANNEL FRAME

LAF AT&T LINEAR AMPLIFIER FRAME

MW MICROWAVE BAY

CDPD CELLULAR DIGITAL PACKET DATA

△ DENOTES FRONT OF BAY LINEUP

verizon

wireless

ECP: SUNNYVALE

DCS: X

REGION: X AREA: SUNNYVALE

LOCATION CODE: 277666

SWITCH SITE No: X

SITE NAME: HWY 101 & 237

SHEET NO.

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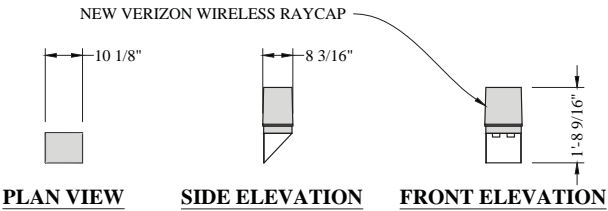
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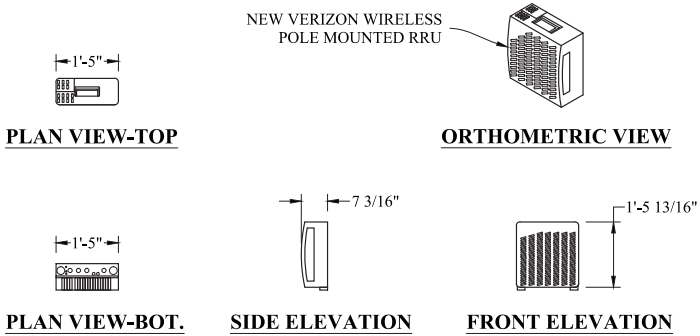
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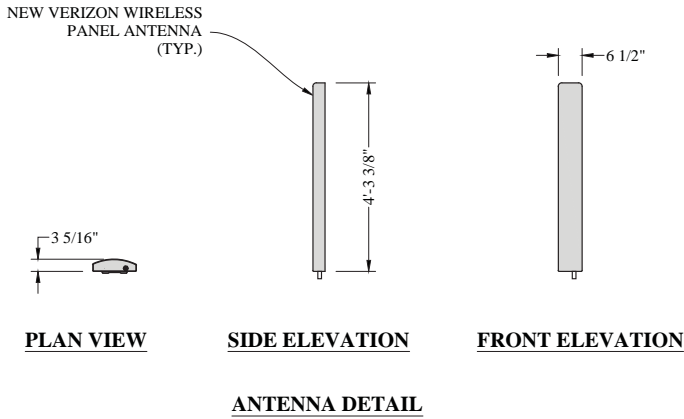
1



RAYCAP DATA			
DIMENSIONS:	WIDTH	DEPTH	HEIGHT
	10.15"	8.2"	20.58"
TOTAL WEIGHT		14.0 LBS	



RRU DATA			
DIMENSIONS:	WIDTH	DEPTH	HEIGHT
	17"	7.2"	17.8"
POWER CONSUMPTION:		200 WATTS	
TOTAL WEIGHT:		55 LBS	
TEMPERATURE:		-40° TO 55° C	



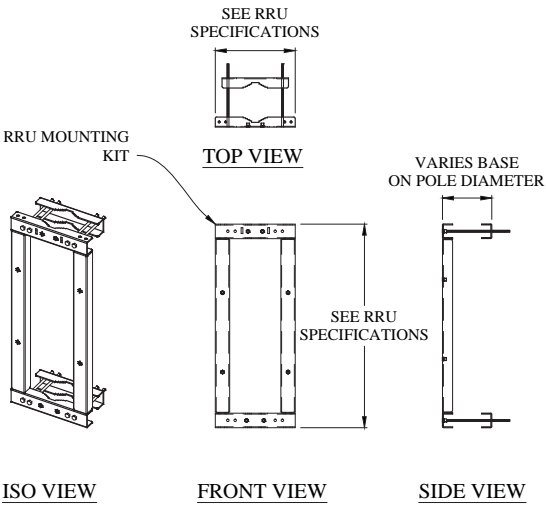
ANTENNA DATA DIMENSIONS			
HBX-6516DS - AIM	Inches	mm	COMMENT
DEPTH	3.3"	83.0	
LENGHT	51.4"	1306.0	
WITDH	6.5"	166.0	
NET WEIGHT	10.4 lbs	4.7 kg	
INCLUDED PARTS:			
DB380-3 PIPE MOUNTING KIT 2.4 - 4.5 in. NOMINAL O.D. ROUND MEMBERS			
DB5083D DOWN TILT MOUNTING KIT 2.4 - 4.5 in. NOMINAL O.D. ROUND MEMBERS			

NOTE: SEE ANTENNA MANUFACTURER DATA SHEETS FOR BILL OF MATERIALS FOR ACCESSORY PARTS

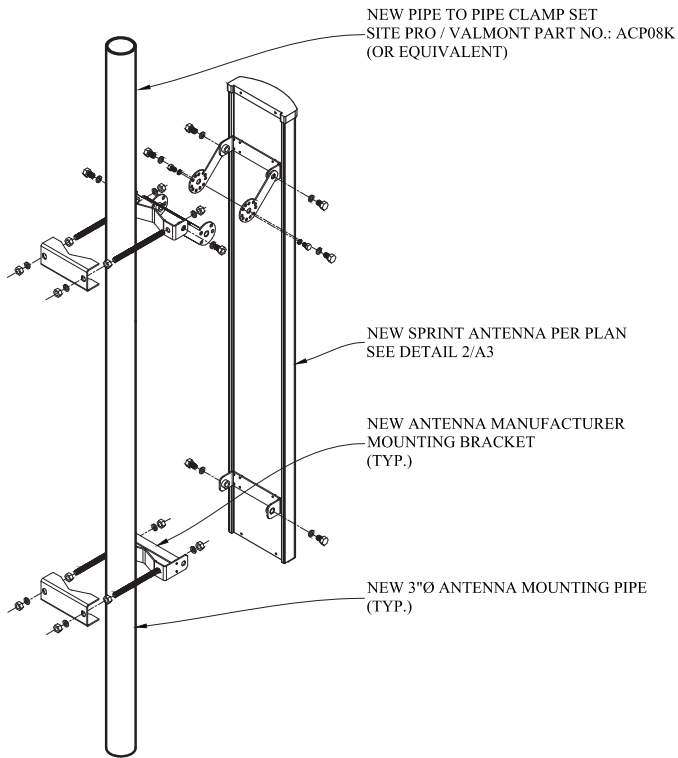
5 RAYCAP DETAIL SCALE: 1/2"=1'-0"

3 RRU DETAIL SCALE: 1/2"=1'-0"

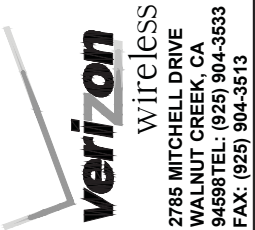
1 ANTENNA DETAIL SCALE: 1/2"=1'-0"



4 RRU MOUNTING FRAME SCALE: 1/2"=1'-0"



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



VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

ANTENNA, RRU & RAYCAP
DETAILS

REVISIONS		DATE
No.	DESCRIPTION	
D	FOR REVIEW	07-24-2014
E	FOR REVIEW	08-01-2014
F	FOR REVIEW	08-04-2014
G	FOR REVIEW	08-08-2014
H	PER PLAN COMMENT	02-09-2015
J	PER PLAN COMMENT	02-17-2015

Job No.: N14027 Draw/Check By: BLL / EKV

AD1

ANTENNA WAVEGUIDE PORT - INSIDE VIEW

ALPHA SECTOR 1

BETA SECTOR 2

GAMMA SECTOR 3

123456

789101112

131415161718

192021222324

850PCSLTE

ANTENNA COLOR CODE SCHEME FOR LUCENT 850 / PCS / LTE MODCELL

ANTENNA MICROWAVE GUIDE COLOR CODES		
PORT NO.	DESCRIPTION	COLOR CODE
19	MICROWAVE #1 (MW-1)	RED / RED / RED
20	MICROWAVE #1 (MW-2)	BLUE / BLUE / BLUE
21	MICROWAVE #1 (MW-3)	GREEN / GREEN / GREEN
22	MICROWAVE #1 (MW-4)	YELLOW / YELLOW / YELLOW
X	MICROWAVE #1 (MW-5)	ORANGE / ORANGE / ORANGE
X	MICROWAVE #1 (MW-6)	PURPLE / PURPLE / PURPLE
X	MICROWAVE #1 (MW-7)	WHITE / WHITE / WHITE
X	MICROWAVE #1 (MW-8)	WHITE / RED / RED
X	MICROWAVE #1 (MW-9)	WHITE / BLUE / BLUE
X	MICROWAVE #1 (MW-10)	WHITE / GREEN / GREEN

ANTENNA COLOR CODE FOR 850_PCS_LTE MODCELL 041312 REV 5A

SHEET

ISSUE

-SID

X

PRIMARY MODCELL ANTENNA PORTS - REAR VIEW

ANTENNA WAVEGUIDE PORT - INSIDE VIEW

7654321

GPSGAMMA GAMMA BETA BETA ALPHA ALPHA

"B2" "B1" "B2" "B1" "B2" "B1"

123456

789101112

131415161718

192021222324

850PCSLTE

ALPHA SECTOR 1

BETA SECTOR 2

GAMMA SECTOR 3

ANTENNA COLOR CODE SCHEME FOR LUCENT 850 / PCS / LTE MODCELL

SECTOR SITE - 120 DEGREE (MODCELL)			
PORT NO.	DESCRIPTION	COLOR CODE	COMMENTS
1	ALPHA SECTOR 1 (850)		
2	ANTENNA TX1RX1	YELLOW / RED / GREEN	850 SYSTEM
	ANTENNA TX2RX2	YELLOW / RED / RED / GREEN / GREEN	850 SYSTEM
7	BETA SECTOR 2 (850)		
	ANTENNA TX3RX3	BLUE / RED / GREEN	850 SYSTEM
8	ANTENNA TX4RX4	BLUE / RED / RED / GREEN / GREEN	850 SYSTEM
13	GAMMA SECTOR 3 (850)		
	ANTENNA TX5RX5	ORANGE / RED / GREEN	850 SYSTEM
14	ANTENNA TX6RX6	ORANGE / RED / RED / GREEN / GREEN	850 SYSTEM
	ALPHA SECTOR 1 (PCS)		
3	ANTENNA TX1RX1	PURPLE / YELLOW / RED / GREEN	PCS SYSTEM
4	ANTENNA TX2RX2	PURPLE / YELLOW / RED / RED / GREEN / GREEN	PCS SYSTEM
	BETA SECTOR 2 (PCS)		
5	ANTENNA TX3RX3	PURPLE / BLUE / RED / GREEN	PCS SYSTEM
10	ANTENNA TX4RX4	PURPLE / BLUE / RED / RED / GREEN / GREEN	PCS SYSTEM
	GAMMA SECTOR 3 (PCS)		
15	ANTENNA TX5RX5	PURPLE / ORANGE / RED / GREEN	PCS SYSTEM
16	ANTENNA TX6RX6	PURPLE / ORANGE / RED / RED / GREEN / GREEN	PCS SYSTEM
	ALPHA SECTOR 1 (LTE)		
5	ANTENNA TX1RX1	PURPLE / PURPLE / YELLOW / RED / GREEN	LTE SYSTEM (C - BAND)
6	ANTENNA TX2RX2	PURPLE / PURPLE / YELLOW / RED / RED / GREEN / GREEN	LTE SYSTEM (C - BAND)
	BETA SECTOR 2 (LTE)		
11	ANTENNA TX3RX3	PURPLE / PURPLE / BLUE / RED / GREEN	LTE SYSTEM (C - BAND)
12	ANTENNA TX4RX4	PURPLE / PURPLE / BLUE / RED / RED / GREEN / GREEN	LTE SYSTEM (C - BAND)
	GAMMA SECTOR 3 (LTE)		
17	ANTENNA TX5RX5	PURPLE / PURPLE / ORANGE / RED / GREEN	LTE SYSTEM (C - BAND)
18	ANTENNA TX6RX6	PURPLE / PURPLE / ORANGE / RED / RED / GREEN / GREEN	LTE SYSTEM (C - BAND)

GPS COLOR CODE			
PORT NO.	DESCRIPTION	COLOR CODE	COMMENTS
23	GPS (850 / PCS)	BLUE	850 / PCS SYSTEM
24	GPS (LTE)	PURPLE / PURPLE / BLUE	LTE SYSTEM

NOTE:
SHARED 850 AND PCS FREQUENCIES THROUGH A DIPLEXED MAINLINE COAX RUN IS TO BE MARKED (1) WITH A DOUBLE BAND OF THE SECTOR COLOR ON THE FIRST LINE, AND (2) WITH A TRIPLE BAND OF THE SECTOR COLOR ON THE SECOND LINE. EX: Y/Y AND Y/Y/Y; B/B AND B/B/B; O/O AND O/O/O

SHEET

ISSUE

-SID

X

3 ANTENNA COLOR CODES (CONT.)

SCALE: NONE

1 ANTENNA COLOR CODES

SCALE: NONE

ANTENNA COLOR CODE SCHEME FOR LTE (A - BAND) AND AWS

SECTOR SITE - 120 DEGREE			
PORT NO.	DESCRIPTION	COLOR CODE	COMMENTS
	ALPHA SECTOR 1 (LTE)		
	ANTENNA TX1RX1	PURPLE / PURPLE / PURPLE / YELLOW / RED / GREEN	LTE SYSTEM (A - BAND)
	ANTENNA TX2RX2	PURPLE / PURPLE / PURPLE / YELLOW / RED / RED / GREEN / GREEN	LTE SYSTEM (A - BAND)
	BETA SECTOR 2 (LTE)		
	ANTENNA TX3RX3	PURPLE / PURPLE / PURPLE / BLUE / RED / GREEN	LTE SYSTEM (A - BAND)
	ANTENNA TX4RX4	PURPLE / PURPLE / PURPLE / BLUE / RED / RED / GREEN / GREEN	LTE SYSTEM (A - BAND)
	GAMMA SECTOR 3 (LTE)		
	ANTENNA TX5RX5	PURPLE / PURPLE / PURPLE / ORANGE / RED / GREEN	LTE SYSTEM (A - BAND)
	ANTENNA TX6RX6	PURPLE / PURPLE / PURPLE / ORANGE / RED / RED / GREEN / GREEN	LTE SYSTEM (A - BAND)
	ALPHA SECTOR 1 (AWS)		
	ANTENNA TX1RX1	PURPLE / YELLOW / RED / GREEN / PURPLE	AWS SYSTEM
	ANTENNA TX2RX2	PURPLE / YELLOW / RED / RED / GREEN / GREEN / PURPLE	AWS SYSTEM
	BETA SECTOR 2 (AWS)		
	ANTENNA TX3RX3	PURPLE / BLUE / RED / GREEN / PURPLE	AWS SYSTEM
	ANTENNA TX4RX4	PURPLE / BLUE / RED / RED / GREEN / GREEN / PURPLE	AWS SYSTEM
	GAMMA SECTOR 3 (AWS)		
	ANTENNA TX5RX5	PURPLE / ORANGE / RED / GREEN / PURPLE	AWS SYSTEM
	ANTENNA TX6RX6	PURPLE / ORANGE / RED / RED / GREEN / GREEN / PURPLE	AWS SYSTEM

NOTE:
SHARED 850 AND PCS FREQUENCIES THROUGH A DIPLEXED MAINLINE COAX RUN IS TO BE MARKED (1) WITH A DOUBLE BAND OF THE SECTOR COLOR ON THE FIRST LINE, AND (2) WITH A TRIPLE BAND OF THE SECTOR COLOR ON THE SECOND LINE. EX: Y/Y AND Y/Y/Y; B/B AND B/B/B; O/O AND O/O/O

SHEET

ISSUE

-SID

X

2 ANTENNA COLOR CODES (CONT.)

SCALE: NONE

Diamond Engineering Services

4255 PARK ROAD
BENICIA, CA 94510
TEL: 707-304-3351

verizon

wireless

2785 MITCHELL DRIVE
WALNUT CREEK, CA
94598
TEL: (925) 904-3533
FAX: (925) 904-3513

VERIZON WIRELESS
HWY 101 & 237 PSL#277666
787 NORTH MARY AVENUE
SUNNYVALE, CA 94085

ANTENNA COLOR CODES

REVISIONS		DATE
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Job No.: N14027
Draw/Check By: BLL / EKU

AD2