



ALPINE HEIGHTS
3547 E. VICTORIA DRIVE
ALPINE, CA 91901

BOOTH & SUAREZ
ARCHITECTURE INCORPORATED
355 CARLSBAD VILLAGE DRIVE, SUITE D9
CARLSBAD, CA 92008 (760) 434-8474

PREPARED FOR
verizon wireless
P.O. BOX 19707
IRVINE, CA 92623-9707
(949) 286-7000

APPROVALS

| A/C | DATE |
|--------|------|
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| RF | DATE |
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| OPS | DATE |
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PROJECT NAME
ALPINE HEIGHTS
3547 E. VICTORIA DRIVE
ALPINE, CA 91901
SAN DIEGO COUNTY

DRAWING DATES

| | |
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| 08/29/13 | 90% ZD (lc) |
| 09/04/13 | 100% ZD (sa) |
| 09/27/13 | 100% ZD REVISION 1 (rd) |
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| 03/28/14 | 100% ZD REVISION 11 (lc) |

SHEET TITLE
TITLE SHEET & PROJECT DATA

PROJECTS\Verizon\15235zd

T-1

VICINITY MAP

THOMAS GUIDE PAGE 1234, D5

ADDRESS
3547 EAST VICTORIA DRIVE
ALPINE, CA 91901

DIRECTIONS:
(FROM VZW'S OFFICES IN IRVINE) TAKE I-405 SOUTH TO I-5 SOUTH TO I-805 SOUTH TO I-5 EAST. EXIT AT TAVERN ROAD AND TURN RIGHT. TURN LEFT ON ALPINE BLVD., AND TURN LEFT ON E. VICTORIA DRIVE. CONTINUE NORTH TO GATED ENTRANCE AT LEFT. ENTRY REQUIRES A CODE AT GATE, AND A CROWN CASTLE REPRESENTATIVE TO ESCORT VEHICLE ON SITE.

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.

CONSULTANT TEAM

ARCHITECT:
BOOTH & SUAREZ ARCHITECTURE INC.
325 CARLSBAD VILLAGE DRIVE, SUITE D2
CARLSBAD, CA 92008
(760) 434-8474
(760) 434-8596 (FAX)

SURVEYOR:
JRN CIVIL ENGINEERS
232 AVENIDA FABRICANTE, SUITE 107
SAN CLEMENTE, CA 92672
(949) 248-4685

LEASING/PLANNING:
PLANCOM, INC.
BRENT HELMING
302 STATE PLACE
ESCONDIDO, CA 92029
(760) 533-6065

LEGAL DESCRIPTION

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:
PARCEL B OF THAT CERTAIN CERTIFICATE OF COMPLIANCE RECORDED NOVEMBER 1, 1984 AS INSTRUMENT NO. 84-413458 OF OFFICIAL RECORDS, DESCRIBED AS FOLLOWS:
ALL OF PARCEL NO. 2, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO PARCEL MAP NO. 2204, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY ON DECEMBER 27, 1973.
FOR ADDITIONAL LEGAL DESCRIPTION INFORMATION SEE SHEET C1

PERMITS REQUIRED

- CONDITIONAL USE PERMIT

PROJECT SUMMARY

APPLICANT: VERIZON WIRELESS
15505 SAND CANYON AVENUE
IRVINE, CA 92618
CONTACT: BRENT HELMING
PHONE: (760) 533-6065

OWNER: CROWN CASTLE
38 EXECUTIVE PARK #310
IRVINE, CA 92614
SITE CONTACT: LAURA WHITTEN
PHONE: (949) 930-4362

PROJECT DESCRIPTION:

- INSTALLATION OF VERIZON WIRELESS TELECOMMUNICATIONS EQUIPMENT RACKS INSIDE A PROPOSED 12'-8" x 20'-0" CONCRETE BLOCK BUILDING ON A NEW CONCRETE PAD.
- INSTALLATION OF NEW 12'-8" x 12'-0" CONCRETE BLOCK WALL ENCLOSURE AT GRADE LEVEL.
- INSTALLATION OF THREE (3) VERIZON WIRELESS ANTENNA SECTORS, OF FOUR (4) ANTENNAS EACH (TOTAL OF TWELVE (12) ANTENNAS) MOUNTED TO A PROPOSED 11'-8" HIGH MONOPINE EXTENSION ON AN EXISTING 33'-4" HIGH MONOPINE. (TOTAL MONOPINE HEIGHT: 48'-4")
- INSTALLATION OF THREE (3) VERIZON WIRELESS RRU UNITS PER SECTOR (TOTAL OF NINE (9) RRU'S) MOUNTED BEHIND PROPOSED ANTENNAS MOUNTED TO A PROPOSED 11'-8" HIGH MONOPINE EXTENSION ON AN EXISTING 33'-4" HIGH MONOPINE. (TOTAL MONOPINE HEIGHT: 48'-4")
- INSTALLATION OF (2) TWO VERIZON WIRELESS E/911 GPS ANTENNAS
- INSTALLATION OF A 30KW ENCLOSED STANDBY GENERATOR WITH A 210 GALLON DIESEL TANK ON A CONCRETE PAD WITH A CONTAINMENT CURB INSIDE A CONCRETE BLOCK WALL ENCLOSURE.
- INSTALLATION OF NEW 200 AMP ELECTRICAL SERVICE FROM EXISTING UTILITY POLE
- INSTALLATION OF A NEW TELCO SERVICE CONNECTION
- NO LANDSCAPE OR IRRIGATION IS PLANNED FOR THIS PROJECT

PROJECT ADDRESS: 3547 E. VICTORIA DRIVE
ALPINE, CA 91901

ASSESSORS PARCEL NUMBER: 404-013-82

EXISTING ZONING: A-70 (LIMITED AGRICULTURE)

TOTAL SITE AREA: 226,963 SQ. FT. = 5.21 ACRES

PROPOSED BUILDING AREA: 253 S.F.

PROPOSED CONCRETE BLOCK ENCLOSURE AREA: 152 S.F.

TYPE OF CONSTRUCTION: TYPE VB (UNSPRINKLERED)

PROPOSED OCCUPANCY: B

TOTAL LEASE AREA: 405 S.F.

NOTE: THERE ARE THREE (3) EXISTING TELECOMMUNICATION FACILITIES ON THIS PROPERTY (SPRINT, T-MOBILE & CRICKET)

SHEET SCHEDULE

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|-------|--|
| T-1 | TITLE SHEET & PROJECT DATA |
| A-0 | SITE PLAN |
| A-0.0 | STORMWATER MANAGEMENT PLANS |
| A-1 | ENLARGED AREA PLAN |
| A-2 | ROOF PLAN AND CHAIN LINK LID PLAN |
| A-3 | EXTERIOR ELEVATIONS |
| A-4 | EXTERIOR ELEVATIONS |
| A-5 | MONOPINE ELEVATION, ANTENNA PLAN & DETAILS |
| C-1 | TOPOGRAPHIC SURVEY |

ACCESSIBILITY DISCLAIMER

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

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:
CALIFORNIA STATE BUILDING CODE, TITLE 24, 2010 EDITION
CALIFORNIA PLUMBING CODE, 2010 EDITION
CALIFORNIA MECHANICAL CODE, 2010 EDITION
CALIFORNIA ELECTRICAL CODE, 2010 EDITION
CALIFORNIA FIRE CODE, 2010 EDITION
CALIFORNIA ENERGY CODE, 2010 EDITION

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



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SHEET TITLE
**STORM WATER
 MANAGEMENT PLANS**

PROJECTS\Verizon\13235zd

A-0.0

BMP LEGEND:

TABLE I MINIMUM REQUIRED STANDARD CONSTRUCTION:

DIRECTION OF LOT DRAINAGE → →

- SS-7 EROSION CONTROL BLANKET
- SS-5 FIBER ROLLS -FR-FR-
- SS-6
SS-8 MULCH, STRAW, WOOD CHIPS, SOIL APPLICATION
- TC-1 STABILIZED CONSTRUCTION ENTRANCE
- WM-1 MATERIAL DELIVERY & STORAGE
- WM-8 CONCRETE WASTE MANAGEMENT
- WM-5 SOLID WASTE MANAGEMENT
- WM-9 SANITARY WASTE MANAGEMENT
- WM-6 HAZARDOUS WASTE MANAGEMENT

TABLE II MINIMUM REQUIRED LOW IMPACT DEVELOPMENT BMP'S:

LID PLANNING PRACTICE:

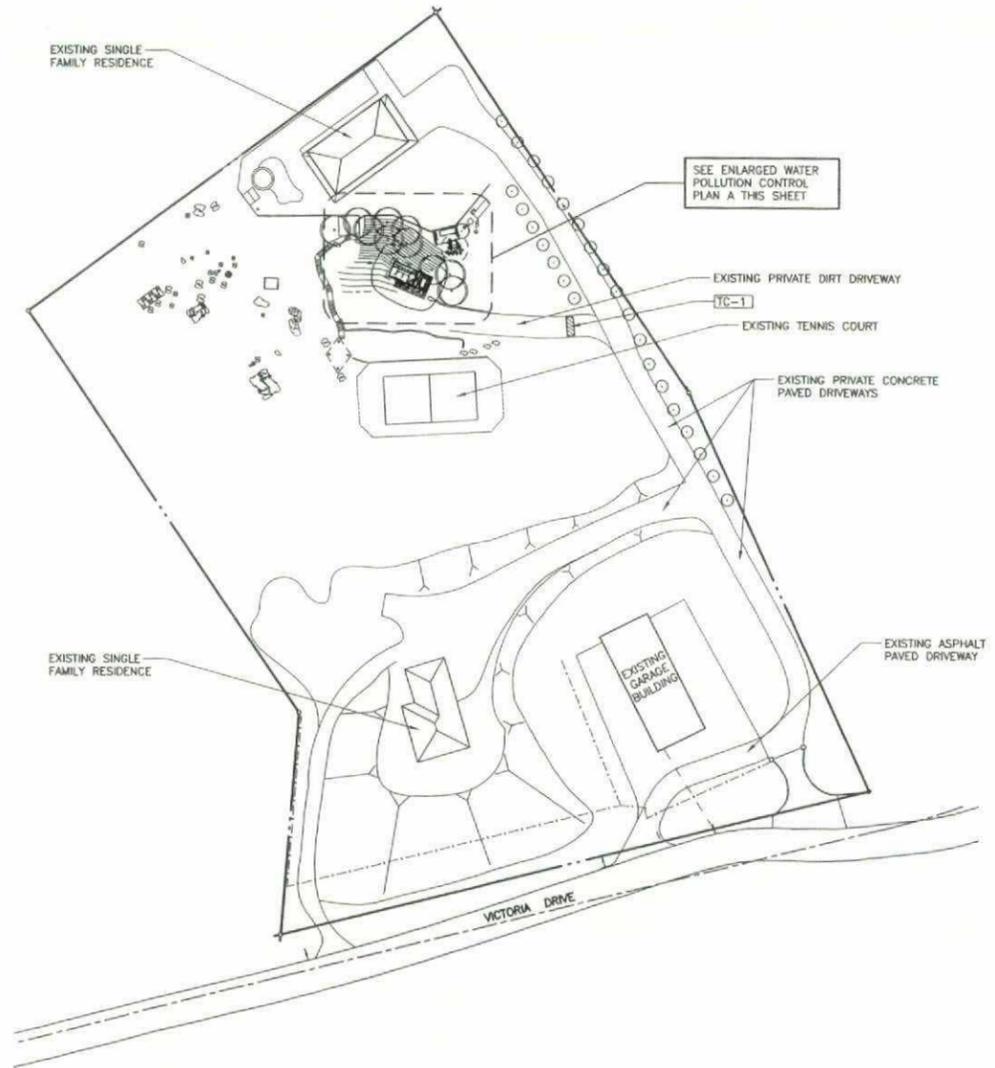
- 2.2.3 MINIMIZE IMPERVIOUS FOOTPRINT
- 2.2.4 MINIMIZE SOIL COMPACTION

LID MANAGEMENT PRACTICE:

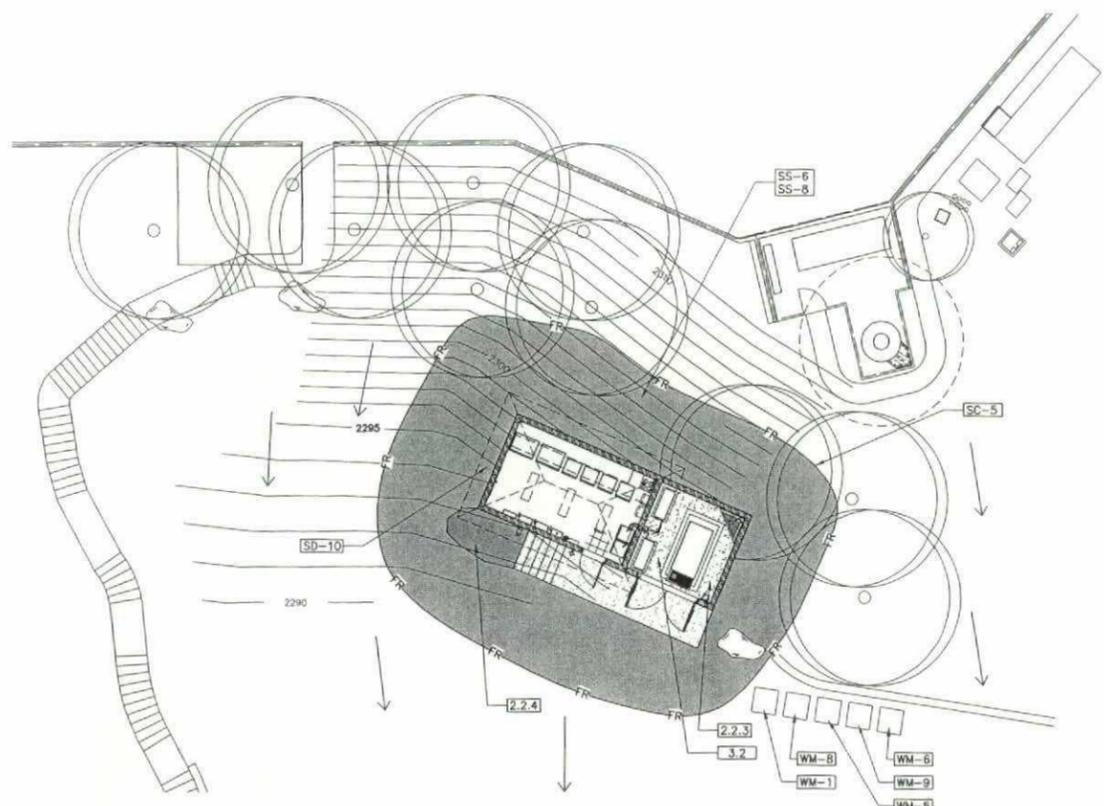
- 3.2 PERMEABLE PAVEMENT DESIGN

TABLE III POST-CONSTRUCTION BMP'S:

- SD-10 FLAT PAD AREA COVERAGE

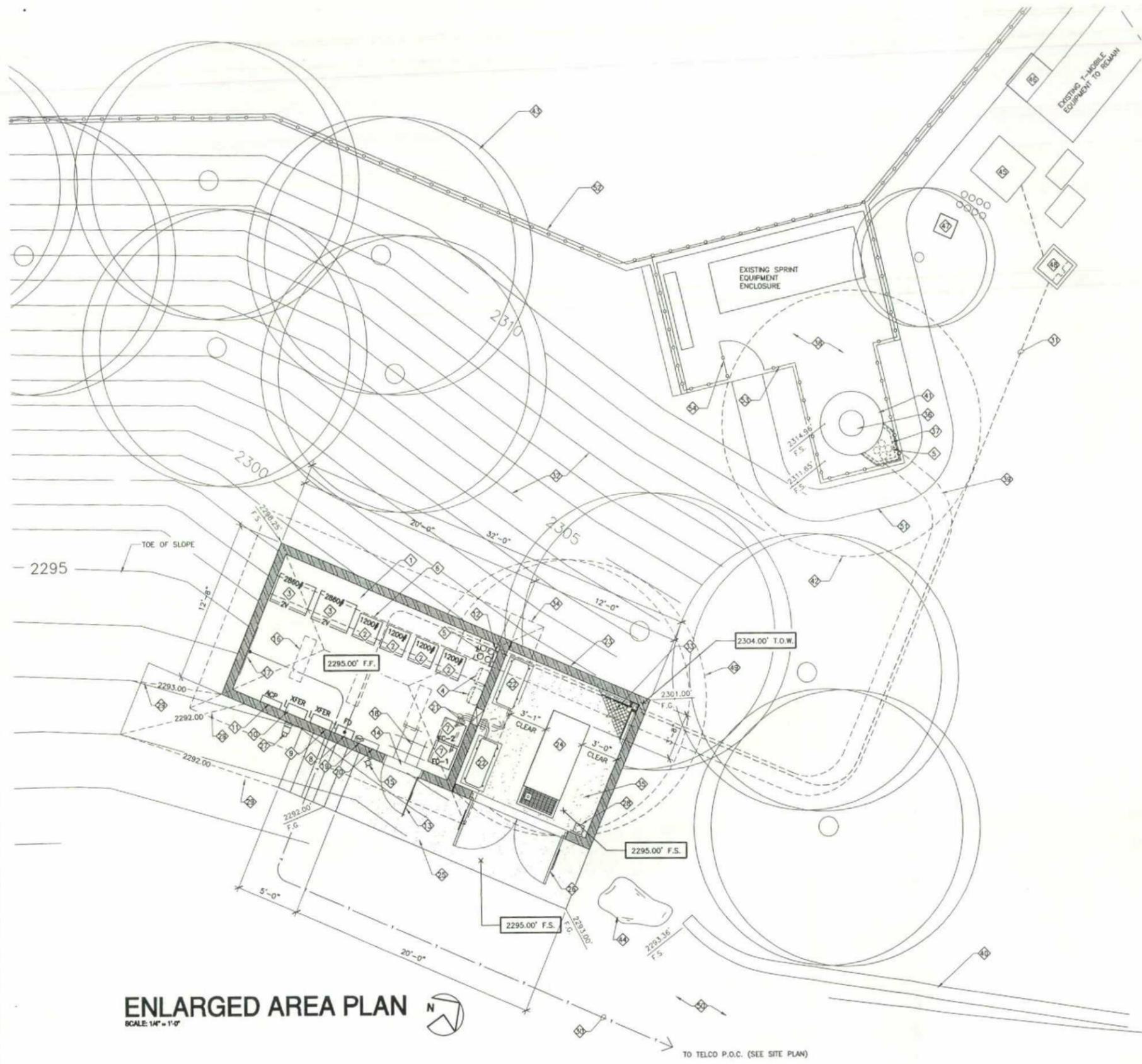


STORM WATER MANAGEMENT PLAN
 SCALE: 1" = 40'-0"



ENLARGED STORM WATER MANAGEMENT PLAN
 SCALE: 1" = 10'-0"





ENLARGED AREA PLAN
SCALE: 1/4" = 1'-0"

TO TELCO P.O.C. (SEE SITE PLAN)

ENLARGED AREA PLAN NOTES:

- 1 PROPOSED VERIZON WIRELESS TELECOMMUNICATIONS EQUIPMENT INSIDE A NEW CONCRETE BLOCK BUILDING WITH STUCCO FINISH.
- 2 PROPOSED VERIZON WIRELESS EQUIPMENT RACK 23" WIDE x 84" HIGH x 23" DEEP. WEIGHT: 1200 LBS.
- 3 PROPOSED VERIZON WIRELESS 2V BATTERY RACK 37" WIDE x 37.66" HIGH x 27.88" DEEP. WEIGHT: 2860 LBS.
- 4 PROPOSED RAYCAP DC SURGE PROTECTION UNITS UNISTRUT MOUNTED TO WALL ON HIGH (TYPICAL OF 2)
- 5 PROPOSED (4) 6" CONDUITS FOR COAX CABLE & (1) 1-1/2" CONDUIT FOR GROUND
- 6 PROPOSED OVERHEAD 18" CABLE LADDER @ +8'-0" (SHOWN DASHED)
- 7 PROPOSED AIR HANDLERS
- 8 PROPOSED FUSED DISCONNECT SWITCH MOUNTED TO WALL
- 9 PROPOSED AUTOMATIC TRANSFER SWITCH MOUNTED TO WALL
- 10 PROPOSED MANUAL TRANSFER SWITCH MOUNTED TO WALL
- 11 PROPOSED 200 AMP ELECTRICAL PANEL MOUNTED TO WALL
- 12 PROPOSED MAIN GROUND BUS BAR TO BE MOUNTED TO WALL
- 13 PROPOSED 3'-0" WIDE STEEL DOOR AND FRAME. PROVIDE NEW VERIZON WIRELESS SIGNAGE
- 14 PROPOSED ALUMINUM THRESHOLD
- 15 PROVIDE WALL MOUNTED EXTERIOR LIGHT FIXTURE MOUNTED TO BUILDING
- 16 PROPOSED SURFACE MOUNTED FLORESCENT LIGHT FIXTURES (TYPICAL OF 3)
- 17 PROPOSED WALL MOUNTED TELCO BOARD
- 18 PROPOSED 12" x 12" x 1/8" VINYL FLOOR TILES. EXCELON #51973 MONO WHITE WITH 4" COVER BASE
- 19 PROVIDE AND INSTALL (1) WALL MOUNTED CLASS "ABC" FIRE EXTINGUISHER
- 20 PROVIDE AND INSTALL BATTERY ACID SPILL KIT(S) CAPABLE OF NEUTRALIZING A SPILL FROM THE LARGEST BATTERY
- 21 PROPOSED REFRIGERANT LINE ROUTING
- 22 PROPOSED MECHANICAL UNITS ON A CONCRETE PAD (TYPICAL OF 2). CARRIER AIR CONDITIONING UNITS MODEL 38H0R060 OR EQUIVALENT SIZED UNITS
- 23 PROPOSED 8'-0" HIGH CONCRETE BLOCK WALL ENCLOSURE WITH STUCCO FINISH (NOISE CONTROL FEATURE)
- 24 PROPOSED VERIZON WIRELESS 30KW ENCLOSED STANDBY GENERATOR WITH A 210 GALLON DOUBLE WALL SUBBASE FUEL TANK ON A POURED-IN-PLACE CONCRETE PAD. "GENERAC" S0300 GENERATOR UNIT OR EQUIVALENT SIZED UNIT WITH A SINGLE UNIT SOUND PRESSURE LEVEL OF 66 DBA AT A REFERENCE DISTANCE OF 23 FEET.
- 25 PROPOSED CONCRETE LANDING
- 26 PROPOSED PAIR 4'-0" WIDE STEEL GATES W/ FRAME AND VERIZON WIRELESS SIGNAGE
- 27 PROPOSED VERIZON WIRELESS REVERSE SERVICE GENERATOR RECEPTACLE FOR STANDBY GENERATOR CONNECTION MOUNTED TO WALL
- 28 PROVIDE AND INSTALL (1) WALL MOUNTED CLASS "ABC" FIRE EXTINGUISHER INSIDE A NEMA 3R CABINET
- 29 PROPOSED CONTOUR LINE
- 30 PROPOSED TELCO CONDUIT IN AN UNDERGROUND UTILITY TRENCH, PRELIMINARY UTILITY ROUTE TO BE FIELD VERIFIED AND ADJUSTED ACCORDINGLY DURING CONSTRUCTION
- 31 PROPOSED ELECTRICAL CONDUIT IN AN UNDERGROUND UTILITY TRENCH, PRELIMINARY UTILITY ROUTE TO BE FIELD VERIFIED AND ADJUSTED ACCORDINGLY DURING CONSTRUCTION
- 32 EXISTING CONTOUR LINES AT 1'-0" INTERVALS
- 33 PROPOSED CHAIN LINK LID
- 34 OUTLINE OF BUILDING OVERHANG
- 35 INSTALL 3" LAYER OF 3/4" CRUSHED GRAVEL OVER FIBER GROWTH BARRIER WITHIN ENTIRE ENCLOSURE
- 36 EXISTING 33'-4" HIGH MONOPINE TO BE EXTENDED TO 45'-0" HIGH. SEE MONOPINE ELEVATION, SHEET AS.
- 37 PROPOSED VERIZON WIRELESS COAX CABLE SHROUD WITH CONCRETE APRON
- 38 EXISTING CONCRETE PAD
- 39 PROPOSED UNDERGROUND COAX CABLE TRENCH
- 40 EXISTING CRIB WALL
- 41 EXISTING MONOPINE CONCRETE FOOTING
- 42 OUTLINE OF EXISTING MONOPINE CANOPY (SHOWN DASHED)
- 43 EXISTING TREES TO REMAIN (TYPICAL)
- 44 EXISTING BOULDER
- 45 PROPOSED ELECTRICAL CONNECTION AT EXISTING SDG&E TRANSFORMER #D128499
- 46 EXISTING TELCO PULL BOX
- 47 EXISTING TIME WARNER CABLE TELCO PEDESTAL
- 48 PROPOSED VERIZON WIRELESS 200 AMP ELECTRICAL METER PEDESTAL ON A CONCRETE PAD
- 49 REMOVE EXISTING TREE AND SHRUBS AS REQUIRED (SHOWN DASHED)
- 50 EXISTING DIRT/GRAVEL ROAD
- 51 EXISTING STONE PATH
- 52 EXISTING CMU BLOCK WALL TO REMAIN
- 53 EXISTING WROUGHT IRON FENCE TO REMAIN
- 54 EXISTING WROUGHT IRON GATE

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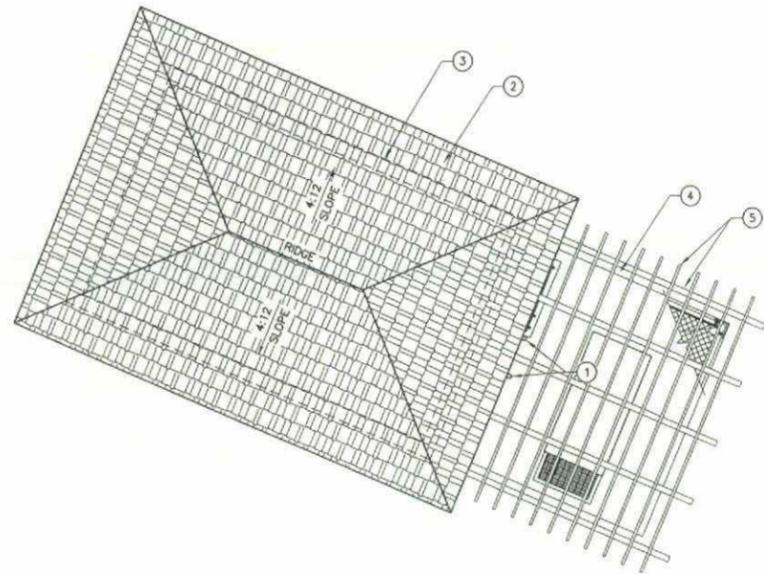
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SHEET TITLE
ENLARGED AREA PLAN

PROJECTS\Verizon\132352d

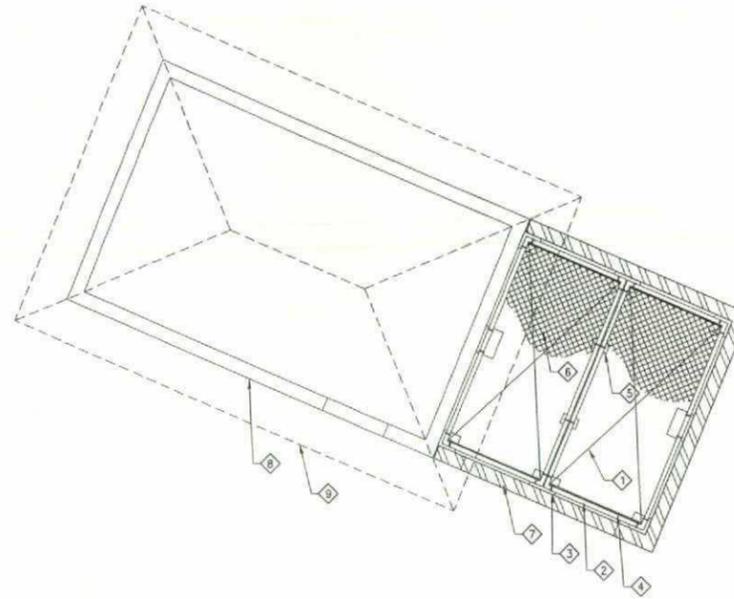


ROOF PLAN
SCALE: 1/4" = 1'-0"



ROOF PLAN NOTES:

- ① PROPOSED ES11/GPS ANTENNAS MOUNTED TO ROOF EAVE (TYPICAL OF 2)
- ② PROPOSED ASPHALT/COMPOSITE SHINGLE ROOF TO MATCH EXISTING RESIDENCE BUILDING ROOF
- ③ PROPOSED BUILDING OUTLINE BELOW (SHOW DASHED)
- ④ PROPOSED ADJACENT GENERATOR ENCLOSURE
- ⑤ PROPOSED WOOD TRELLIS



CHAIN LINK LID PLAN
SCALE: 1/4" = 1'-0"



CHAIN LINK LID PLAN NOTES:

- ① "X" INDICATES A SINGLE PANEL OF THE CHAINLINK LID
- ② PROPOSED 3" SCHEDULE 40 GALVANIZED STANDARD PIPE FRAME (TYPICAL)
- ③ PROPOSED GALVANIZED STEEL PIPE CLAMPS FOR CHAINLINK TENSIONER STRIP
- ④ PROPOSED GALVANIZED TENSIONER STRIP (TYPICAL)
- ⑤ PROPOSED BRACKET SUPPORT CLAMP FOR CHAINLINK LID AT 4'-0" O.C.
- ⑥ PROPOSED GALVANIZED CHAINLINK MESH PARTIALLY REMOVED FOR CLARITY. PROVIDE STANDARD WIRE TIES TO FRAME @ 12" O.C. WITH DOUBLE KNOTS ON BOTTOM SIDE OF FRAME, SEE SPECIFICATION THIS SHEET
- ⑦ PROPOSED CONCRETE BLOCK WALL
- ⑧ PROPOSED ADJACENT BUILDING
- ⑨ PROPOSED ADJACENT BUILDING OVERHANG

PREPARED FOR



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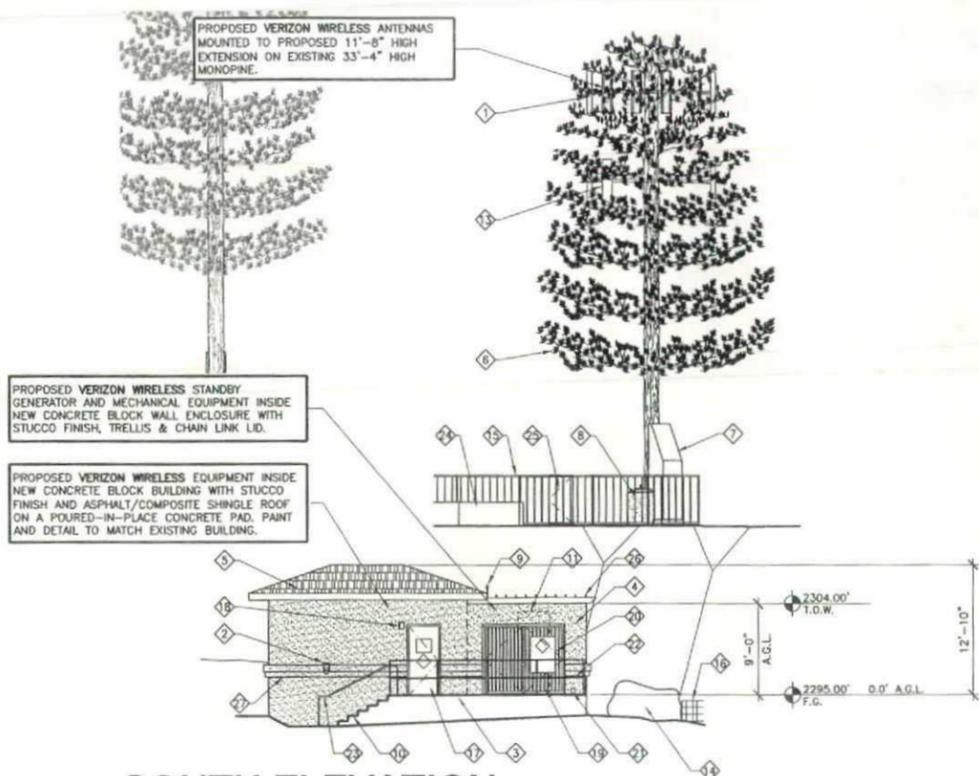
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**ROOF PLAN AND
CHAIN LINK LID PLAN**

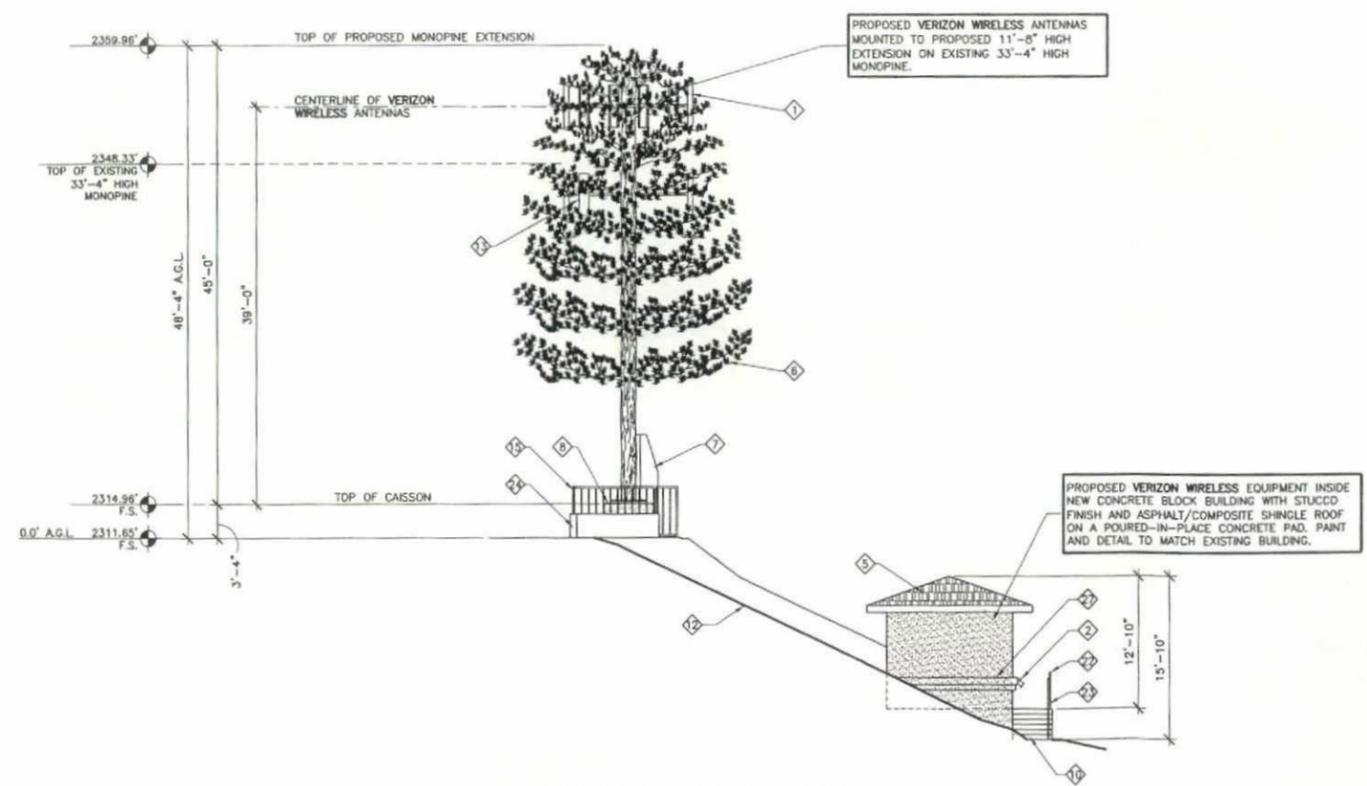
PROJECTS\Verizon\13235zd



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

ELEVATION NOTES:

- 1 PROPOSED VERIZON WIRELESS ANTENNAS
- 2 PROPOSED VERIZON WIRELESS REVERSE SERVICE GENERATOR RECEPTACLE FOR STANDBY GENERATOR CONNECTION MOUNTED TO WALL
- 3 PROPOSED CONCRETE LANDING
- 4 PROPOSED CONCRETE BLOCK WALL ENCLOSURE WITH STUCCO FINISH
- 5 PROPOSED ASPHALT/COMPOSITE SHINGLE ROOF TO MATCH EXISTING RESIDENCE
- 6 EXISTING 33'-4" HIGH MONOPINE TREE TO BE EXTENDED 11'-8" HIGH
- 7 PROPOSED VERIZON WIRELESS COAX CABLE SHROUD WITH CONCRETE APRON
- 8 EXISTING MONOPINE CONCRETE FOOTING
- 9 PROPOSED E911/GPS ANTENNAS MOUNTED TO ROOF EAVE (TYPICAL OF 2)
- 10 PROPOSED CONCRETE STEPS & LANDING
- 11 PROPOSED VERIZON WIRELESS ENCLOSED STANDBY GENERATOR WITH A DOUBLE WALL SUBBASE FUEL TANK ON A POURED-IN-PLACE CONCRETE PAD. (SHOWN DASHED)
- 12 EXISTING GRADE
- 13 EXISTING SPRINT ANTENNA
- 14 EXISTING BOULDER
- 15 EXISTING WROUGHT IRON FENCE TO REMAIN
- 16 EXISTING CRIB WALL
- 17 PROPOSED STEEL DOOR AND FRAME WITH VERIZON WIRELESS SIGNAGE
- 18 PROVIDE WALL MOUNTED EXTERIOR LIGHT FIXTURE
- 19 PROPOSED PAIR 4'-0" WIDE STEEL GATES & FRAME
- 20 PROPOSED GENERATOR SIGN MOUNTED TO STEEL GATE
- 21 PROVIDE 4" x 8" OPENING AT BASE OF WALL FOR DRAIN (TYPICAL OF 2)
- 22 PROPOSED STEEL GUARDRAIL
- 23 PROPOSED STEEL HANDRAIL
- 24 EXISTING CMU BLOCK WALL TO REMAIN
- 25 EXISTING WROUGHT IRON GATE
- 26 PROPOSED TRELLIS
- 27 PROPOSED ARCHITECTURAL TRIM



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



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| | |
|----------|--------------------------|
| 08/29/13 | 90% ZD (ic) |
| 09/04/13 | 100% ZD (se) |
| 09/27/13 | 100% ZD REVISION 1 (rd) |
| 10/03/13 | 100% ZD REVISION 2 (rd) |
| 11/07/13 | 100% ZD REVISION 3 (rd) |
| 12/05/13 | 100% ZD REVISION 4 (ic) |
| 12/19/13 | 100% ZD REVISION 5 (se) |
| 01/16/14 | 100% ZD REVISION 6 (se) |
| 02/07/14 | 100% ZD REVISION 7 (nt) |
| 03/25/14 | 100% ZD REVISION 8 (ic) |
| 03/27/14 | 100% ZD REVISION 9 (ic) |
| 03/27/14 | 100% ZD REVISION 10 (se) |
| 03/28/14 | 100% ZD REVISION 11 (ic) |

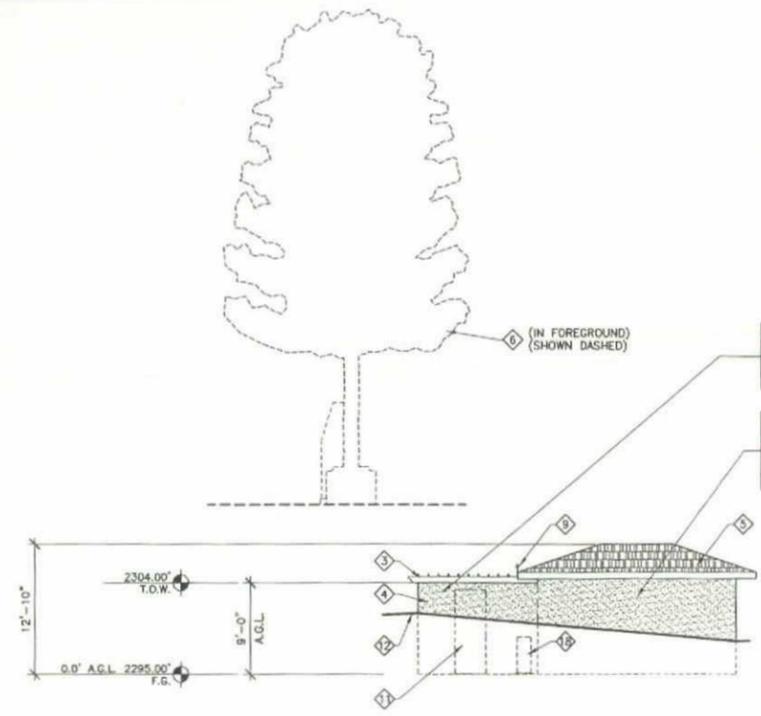
SHEET TITLE

EXTERIOR ELEVATIONS

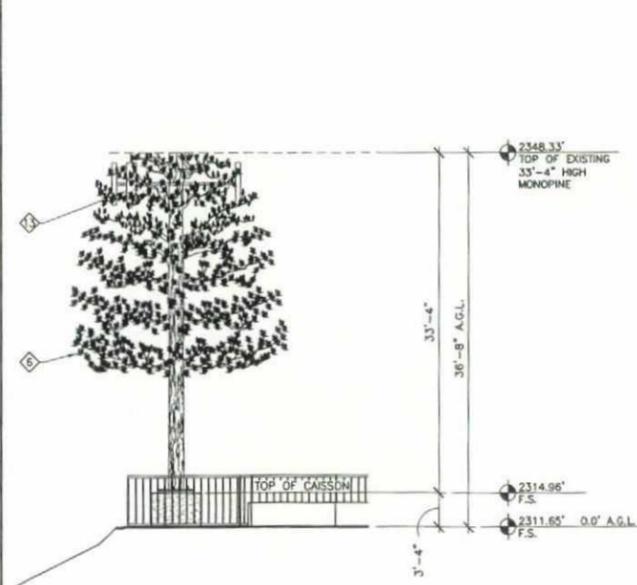
PROJECTS\Verizon\132352d

ELEVATION NOTES:

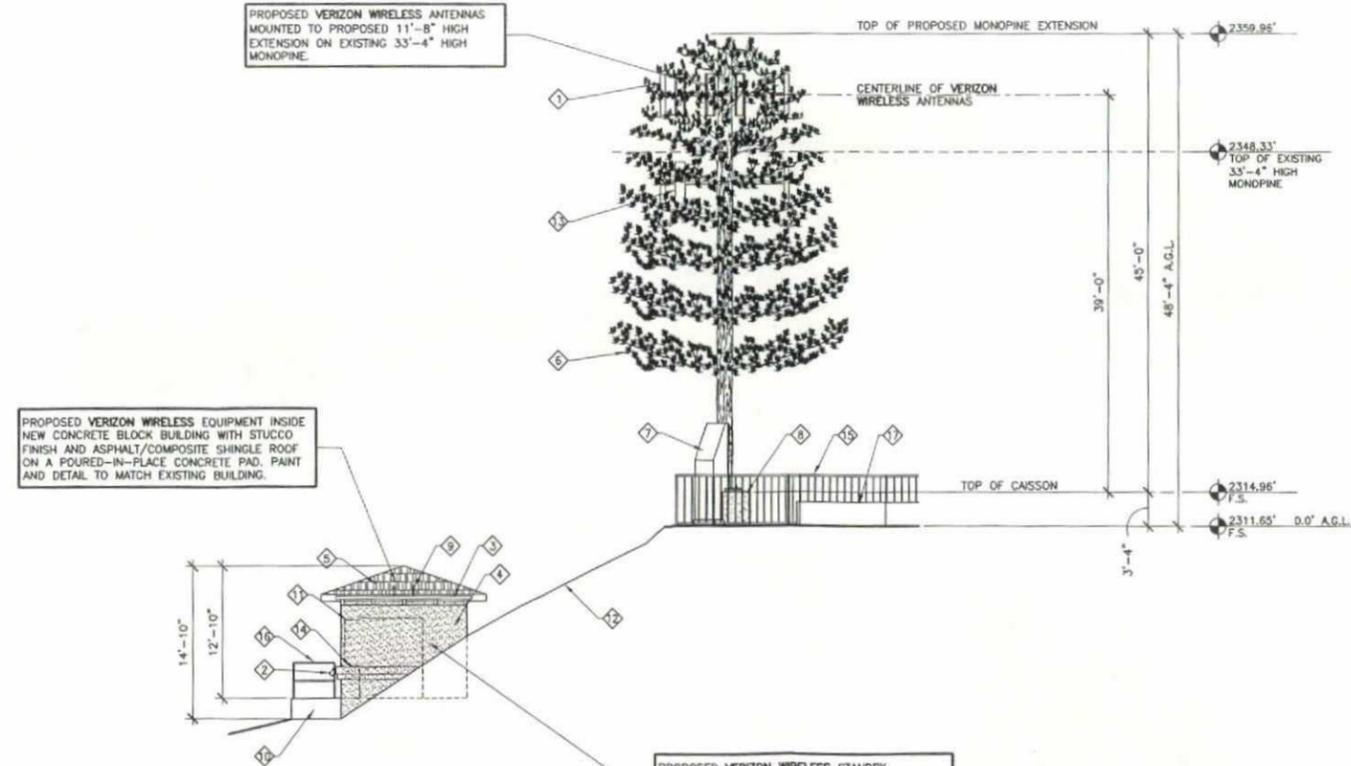
- 1 PROPOSED VERIZON WIRELESS ANTENNAS
- 2 PROPOSED VERIZON WIRELESS REVERSE SERVICE GENERATOR RECEPTACLE FOR STANDBY GENERATOR CONNECTION MOUNTED TO PREFABRICATED EQUIPMENT SHELTER
- 3 PROPOSED TRELIS
- 4 PROPOSED CONCRETE BLOCK WALL ENCLOSURE WITH STUCCO FINISH
- 5 PROPOSED ASPHALT/COMPOSITE SHINGLE ROOF TO MATCH EXISTING RESIDENCE
- 6 EXISTING 33'-4" HIGH MONOPINE TREE TO BE EXTENDED 11'-8" HIGH
- 7 PROPOSED VERIZON WIRELESS COAX CABLE SHROUD WITH CONCRETE APRON
- 8 EXISTING MONOPINE CONCRETE FOOTING
- 9 PROPOSED E911/GPS ANTENNAS MOUNTED TO ROOF EAVE (TYPICAL OF 2)
- 10 PROPOSED CONCRETE LANDING
- 11 PROPOSED VERIZON WIRELESS ENCLOSED STANDBY GENERATOR WITH A DOUBLE WALL SUBBASE FUEL TANK ON A POURED-IN-PLACE CONCRETE PAD (SHOWN DASHED)
- 12 EXISTING GRADE
- 13 EXISTING SPRINT ANTENNA
- 14 PROPOSED ARCHITECTURAL TRIM
- 15 EXISTING WROUGHT IRON FENCE TO REMAIN
- 16 PROPOSED STEEL GUARDRAIL
- 17 EXISTING CMU BLOCK WALL TO REMAIN
- 18 PROPOSED MECHANICAL UNIT ON A CONCRETE PAD (TYPICAL OF 2)



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



EAST ELEVATION (EXISTING)
 SCALE: 1/8" = 1'-0"



EAST ELEVATION (PROPOSED)
 SCALE: 1/8" = 1'-0"

PROPOSED VERIZON WIRELESS STANDBY GENERATOR AND MECHANICAL EQUIPMENT INSIDE NEW CONCRETE BLOCK WALL ENCLOSURE WITH STUCCO FINISH, TRELIS & CHAIN LINK LID.

PROPOSED VERIZON WIRELESS EQUIPMENT INSIDE NEW CONCRETE BLOCK BUILDING WITH STUCCO FINISH AND ASPHALT/COMPOSITE SHINGLE ROOF ON A POURED-IN-PLACE CONCRETE PAD, PAINT AND DETAIL TO MATCH EXISTING BUILDING.

PROPOSED VERIZON WIRELESS ANTENNAS MOUNTED TO PROPOSED 11'-8" HIGH EXTENSION ON EXISTING 33'-4" HIGH MONOPINE.

PREPARED FOR

 P.O. BOX 19707
 IRVINE, CA 92623-9707
 (949) 286-7000

APPROVALS

| | |
|--------|------|
| A&C | DATE |
| RE | DATE |
| RF | DATE |
| INT | DATE |
| EE/IN | DATE |
| OPS | DATE |
| EE/OUT | DATE |

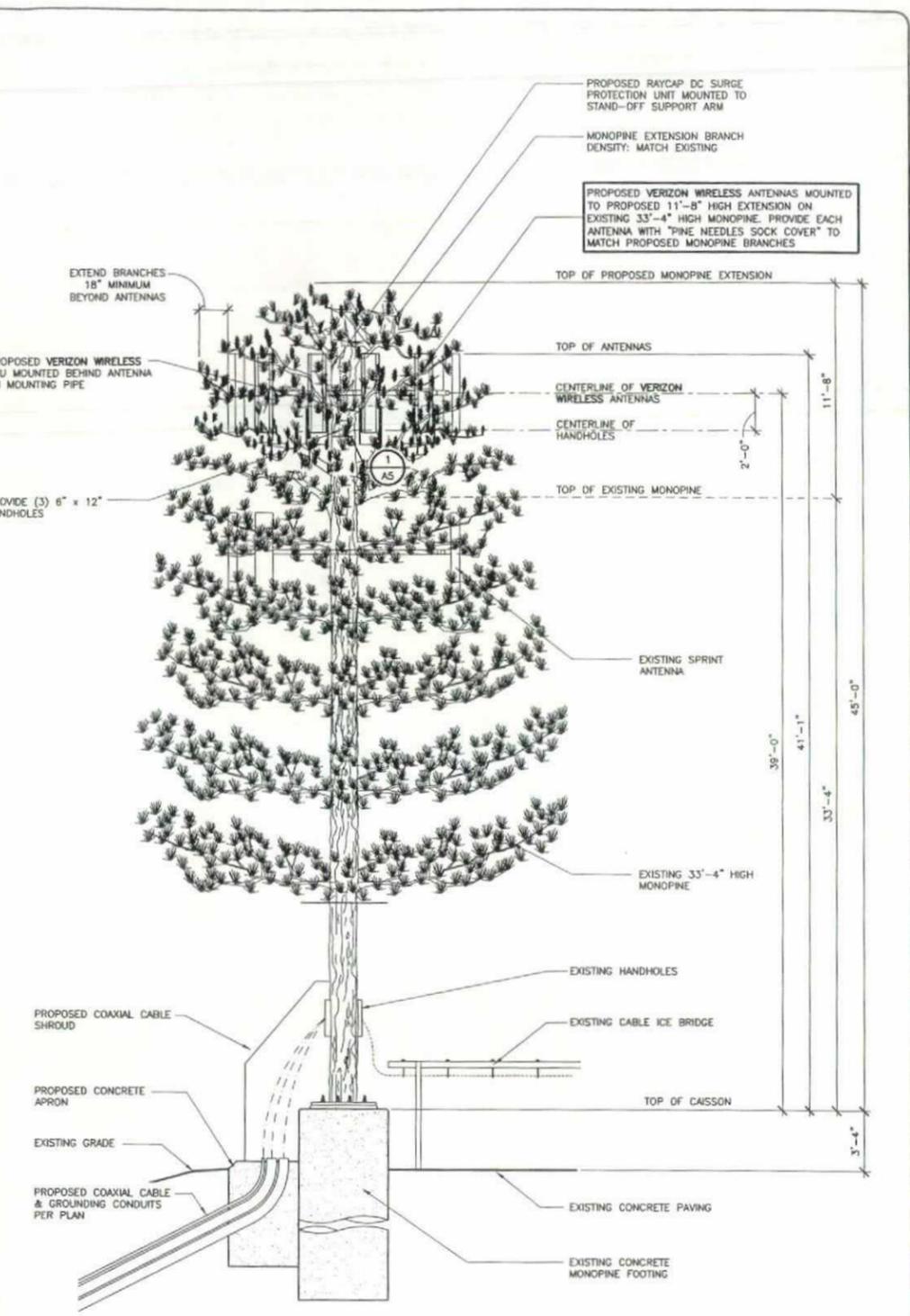
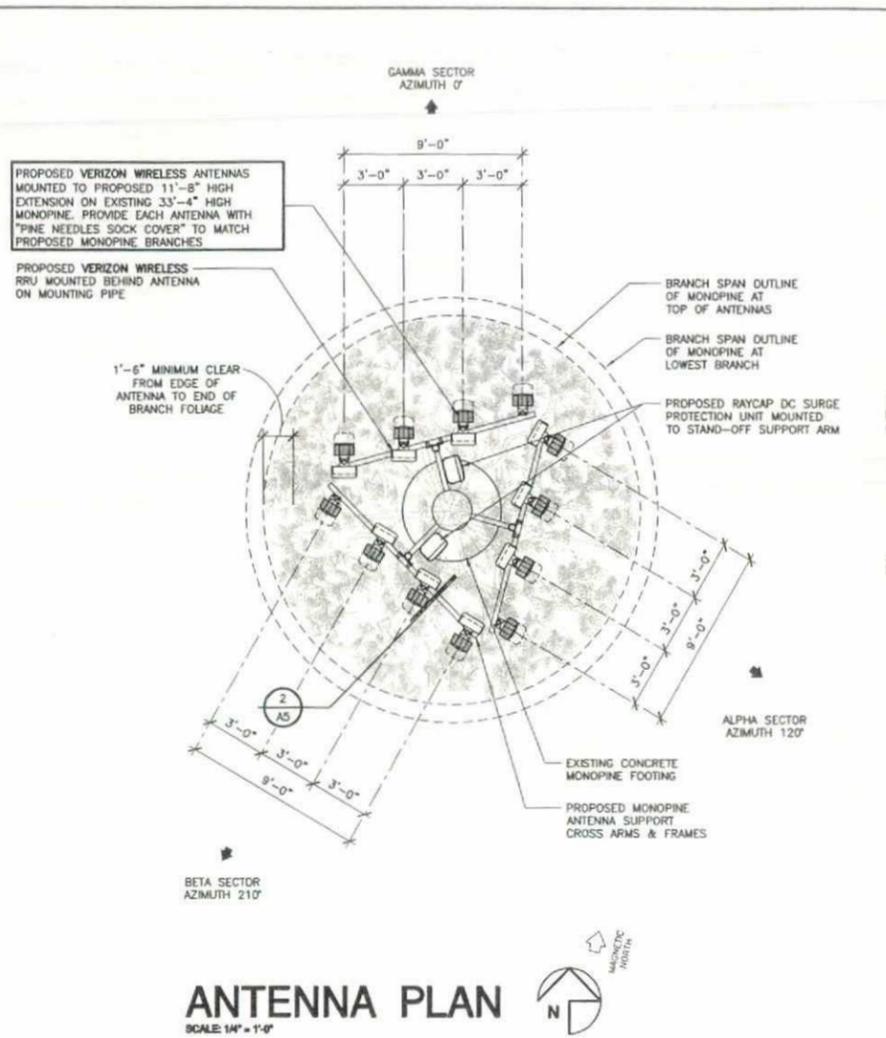
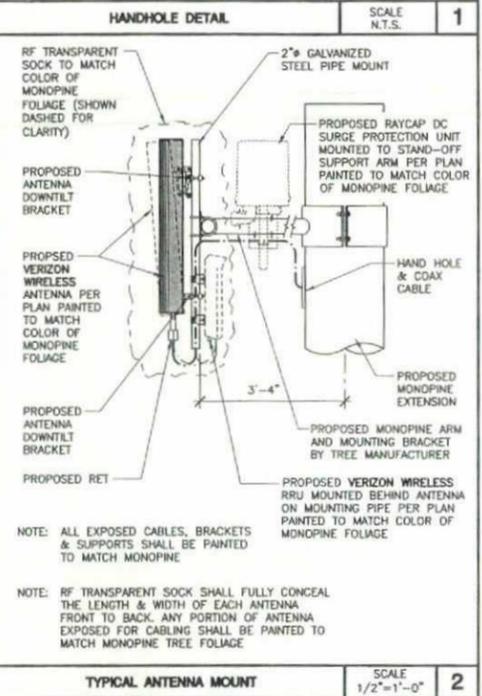
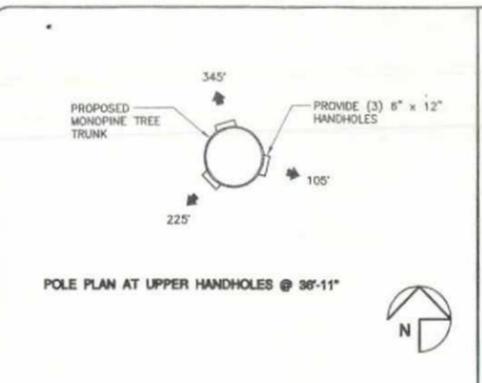
PROJECT NAME
ALPINE HEIGHTS
 3547 E. VICTORIA DRIVE
 ALPINE, CA 91901
 SAN DIEGO COUNTY

DRAWING DATES

| | |
|----------|--------------------------|
| 05/28/13 | 90% ZD (lc) |
| 09/04/13 | 100% ZD (ss) |
| 09/27/13 | 100% ZD REVISION 1 (rd) |
| 10/03/13 | 100% ZD REVISION 2 (rd) |
| 11/07/13 | 100% ZD REVISION 3 (rd) |
| 12/05/13 | 100% ZD REVISION 4 (lc) |
| 12/19/13 | 100% ZD REVISION 5 (ss) |
| 01/16/14 | 100% ZD REVISION 7 (rd) |
| 02/07/14 | 100% ZD REVISION 8 (lc) |
| 03/25/14 | 100% ZD REVISION 9 (lc) |
| 03/27/14 | 100% ZD REVISION 10 (ss) |
| 03/28/14 | 100% ZD REVISION 11 (lc) |

SHEET TITLE
**MONOPINE ELEVATION,
 ANTENNA PLAN &
 DETAILS**

PROJECTS\Verizon\13235zd



H&M Consulting - RF Worksheet: Rev 3.1

Site ID: Alpine Heights

Requested by: Margie Sullivan

RF Engineering Contact Name: Fernando Carranza

Report to be addressed to: [Name, Title, Company & Address]: Margie Sullivan, PlanCom, Inc., 302 State Place, Escondido, CA 92025

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. Yes Specify: Existing residential property located "75" from proposed VZW collocation tree.

Special Instructions:

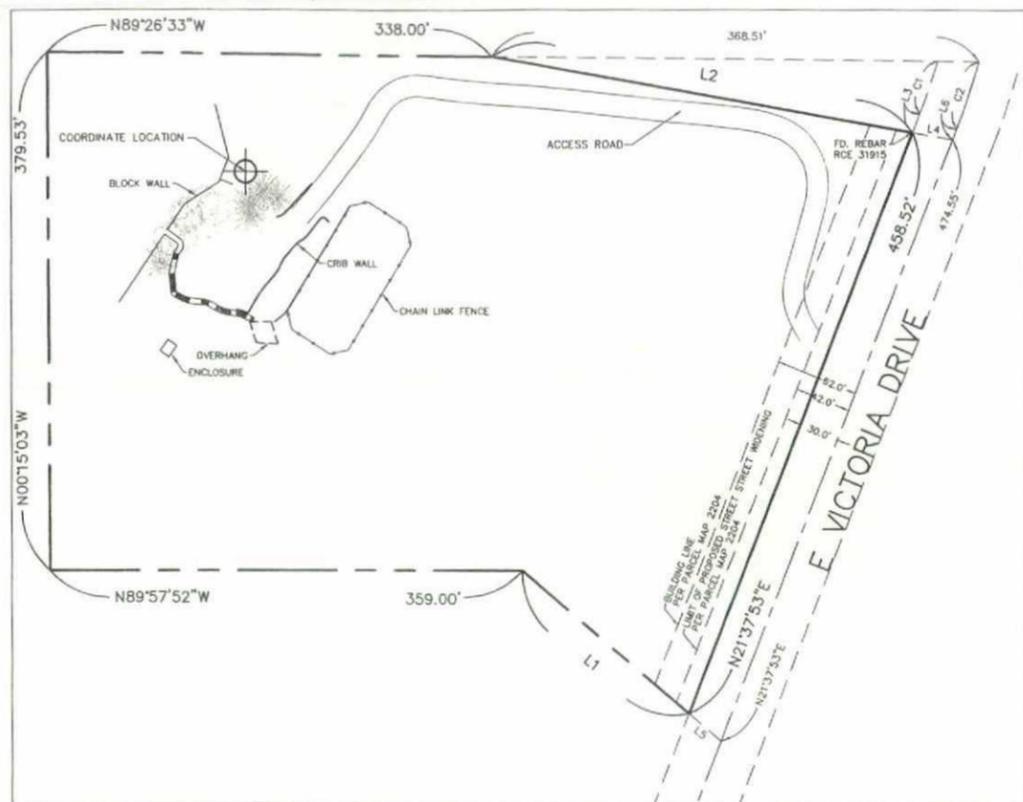
Do Not Enter Data into Columns L,M,O & P (these values are calculated)

| 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 (dBi) | Tx Power per channel/radio (dBm) | All Losses per channel/radio (dBm) | Net Input Pwr per channel/radio (dBm) | Net Input Pwr per channel/radius (Watts) | Number of channels/radios | Total Input Pwr (Watts) | Total ERP (Watts) |
| A-1 | Commscope SBNH-1D654 | 746-757 MHz | LTE | 120 | 39.0 | 0 | 0 | 11.15 | 46 | 1.18 | 44.82 | 30.35 | 2 | 60.70 | 791 |
| A-2 | Commscope SBNH-1D654 | 2140-2155 MHz | LTE | 120 | 39.0 | 0 | 0 | 14.75 | 46 | 0.25 | 45.75 | 37.58 | 2 | 75.17 | 2244 |
| A-3 | Commscope SBNH-1D654 | 1985 - 1990 MHz | LTE | 120 | 39.0 | 0 | 0 | 14.75 | 46 | 0.25 | 45.75 | 37.58 | 2 | 75.17 | 2244 |
| A-4 | Commscope SBNH-1D654 | 880-894 MHz | CDMA | 120 | 39.0 | 0 | 0 | 11.75 | 42.55 | 1.31 | 41.24 | 13.31 | 6 | 79.86 | 1195 |
| A-4 | Commscope SBNH-1D654 | 1965 - 1970 MHz | EVDO | 120 | 39.0 | 0 | 0 | 14.75 | 42.55 | 2.04 | 40.51 | 11.24 | 3 | 33.71 | 1006 |
| B-1 | Commscope SBNH-1D654 | 746-757 MHz | LTE | 210 | 39.0 | 0 | 0 | 11.15 | 46 | 1.18 | 44.82 | 30.35 | 2 | 60.70 | 791 |
| B-2 | Commscope SBNH-1D654 | 2140-2155 MHz | LTE | 210 | 39.0 | 0 | 0 | 14.75 | 46 | 0.25 | 45.75 | 37.58 | 2 | 75.17 | 2244 |
| B-3 | Commscope SBNH-1D654 | 1985 - 1990 MHz | LTE | 210 | 39.0 | 0 | 0 | 14.75 | 46 | 0.25 | 45.75 | 37.58 | 2 | 75.17 | 2244 |
| B-4 | Commscope SBNH-1D654 | 880-894 MHz | CDMA | 210 | 39.0 | 0 | 0 | 11.75 | 42.55 | 1.31 | 41.24 | 13.31 | 6 | 79.86 | 1195 |
| B-4 | Commscope SBNH-1D654 | 1965 - 1970 MHz | EVDO | 210 | 39.0 | 0 | 0 | 14.75 | 42.55 | 2.04 | 40.51 | 11.24 | 3 | 33.71 | 1006 |
| G-1 | Commscope SBNH-1D654 | 746-757 MHz | LTE | 0 | 39.0 | 0 | 0 | 11.15 | 46 | 1.18 | 44.82 | 30.35 | 2 | 60.70 | 791 |
| G-2 | Commscope SBNH-1D654 | 2140-2155 MHz | LTE | 0 | 39.0 | 0 | 0 | 14.75 | 46 | 0.25 | 45.75 | 37.58 | 2 | 75.17 | 2244 |
| G-3 | Commscope SBNH-1D654 | 1985 - 1990 MHz | LTE | 0 | 39.0 | 0 | 0 | 14.75 | 46 | 0.25 | 45.75 | 37.58 | 2 | 75.17 | 2244 |
| G-4 | Commscope SBNH-1D654 | 880-894 MHz | CDMA | 0 | 39.0 | 0 | 0 | 11.75 | 42.55 | 1.31 | 41.24 | 13.31 | 6 | 79.86 | 1195 |
| G-4 | Commscope SBNH-1D654 | 1965 - 1970 MHz | EVDO | 0 | 39.0 | 0 | 0 | 14.75 | 42.55 | 2.04 | 40.51 | 11.24 | 3 | 33.71 | 1006 |

Note: AGL=Above Ground Level; ARL=Above Roof Deck Level (for roof mounted antenna only). Please note on the ZD which antennae correspond to each antenna listed in column A.

BOUNDARY DETAIL

SCALE: 1" = 60'



LEGEND:

- AH - ACCESS HOLE
- BW - BOTTOM OF WALL
- ELEC - ELECTRIC
- ET - ELECTRIC TRANSFORMER
- EQUIP - EQUIPMENT
- FG - FINISHED GRADE
- FS - FINISHED SURFACE
- NG - NATURAL GRADE
- TC - TOP OF CAISSON
- TT - TOP OF TREE
- TTR - TOP OF TOWER
- TW - TOP OF WALL

COORDINATES:

COORDINATE LOCATION ALPHA:
 LATITUDE: 32°50'23.482" N
 LONGITUDE: 116°44'56.547" W
 DATUM: NAD83

LEGAL DESCRIPTION:

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL B OF THAT CERTAIN CERTIFICATE OF COMPLIANCE RECORDED NOVEMBER 1, 1984 AS INSTRUMENT NO. 84-413438 OF OFFICIAL RECORDS, DESCRIBED AS FOLLOWS:

ALL OF PARCEL NO. 2, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO PARCEL MAP NO. 2204, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY ON DECEMBER 27, 1973.

EXCEPTING THEREFROM THAT PORTION DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEASTERLY CORNER OF SAID PARCEL NO. 2; THENCE ALONG THE NORTHERLY LINE THEREOF NORTH 89° 26' 33" WEST 337.36 FEET; THENCE LEAVING SAID NORTHERLY LINE SOUTH 80° 50' 39" EAST 353.94 FEET TO THE EAST LINE OF SAID PARCEL NO. 2, BEING ALSO THE WESTERLY LINE OF EAST VICTORIA DRIVE ROAD SURVEY 593; THENCE ALONG SAID LINE NORTH 21° 37' 53" EAST 15.00 FEET TO THE BEGINNING OF A TANGENT 470 FOOT RADIUS CURVE, CONCAVE NORTHWESTERLY; THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 4° 57' 21" A DISTANCE OF 40.65 FEET TO THE POINT OF BEGINNING.

ASSESSOR'S PARCEL NUMBER: 404-013-82

ITEMS CORRESPONDING TO SCHEDULE "B":

COMMONWEALTH LAND TITLE COMPANY FILE NO: 08020137
 4100 NEWPORT PLACE DR, SUITE 120 TITLE OFFICER: CHRIS MAZIAR
 NEWPORT BEACH, CA 92660 DATED: JULY 31, 2013
 (949) 724-0706

THE FOLLOWING ITEMS WERE FOUND IN SAID COMMITMENT AND ARE REFERENCED ON THIS MAP. COVENANTS AND AGREEMENTS LISTED HEREON CONTAIN NUMEROUS ITEMS THAT AFFECT THE SUBJECT PROPERTY, CONTENTS SHOULD BE REVIEWED TO DISCERN SPECIFICS

- 1 WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT SHOWN BY THE PUBLIC RECORDS; THE EXTENT TO WHICH THIS ITEM AFFECTS THE SUBJECT PROPERTY CAN NOT BE DETERMINED FROM THE TITLE REPORT OR DOCUMENTS PROVIDED AND IS NOT PLOTTED HEREON.
- 3 AN EASEMENT FOR UNDERGROUND WATER PIPELINE OR PIPELINES AND RIGHTS INCIDENTAL, RECORDED MARCH 21, 1983 AS INSTRUMENT NO. 49418 OF OFFICIAL RECORDS; THIS ITEM LIES ADJACENT TO THE SUBJECT PROPERTY, LIES WITHIN E VICTORIA AVENUE AND IS PLOTTED HEREON.

ITEMS #S SHOWN HEREON ARE STATED AS EXCEPTIONS ON ABOVE REFERENCED COMMITMENT. NO RESPONSIBILITY FOR THE COMPLETENESS, ACCURACY, OR CONTENT OF SAID REPORT IS ASSUMED BY THIS MAP.

DATUM STATEMENT:

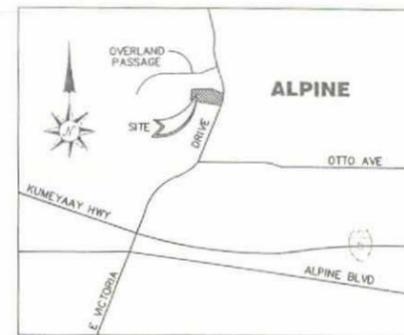
ELEVATIONS SHOWN HEREON ARE BASED ON ORTHOMETRIC ELEVATIONS DERIVED BY GPS OBSERVATIONS USING THE GEOID2A MODELING CONVERSION AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY.

DATE OF SURVEY:

AUGUST 23, 2013

ASSESSOR'S PARCEL NUMBER

404-013-82



| LINE TABLE | | |
|------------|-------------|---------|
| LINE | BEARING | LENGTH |
| L1 | N50°15'53"W | 164.86' |
| L2 | N80°05'39"W | 323.30' |
| L3 | N21°37'53"E | 15.00' |
| L4 | N80°05'39"W | 30.64' |
| L5 | N50°15'53"W | 31.56' |
| L6 | N21°37'53"E | 8.78' |

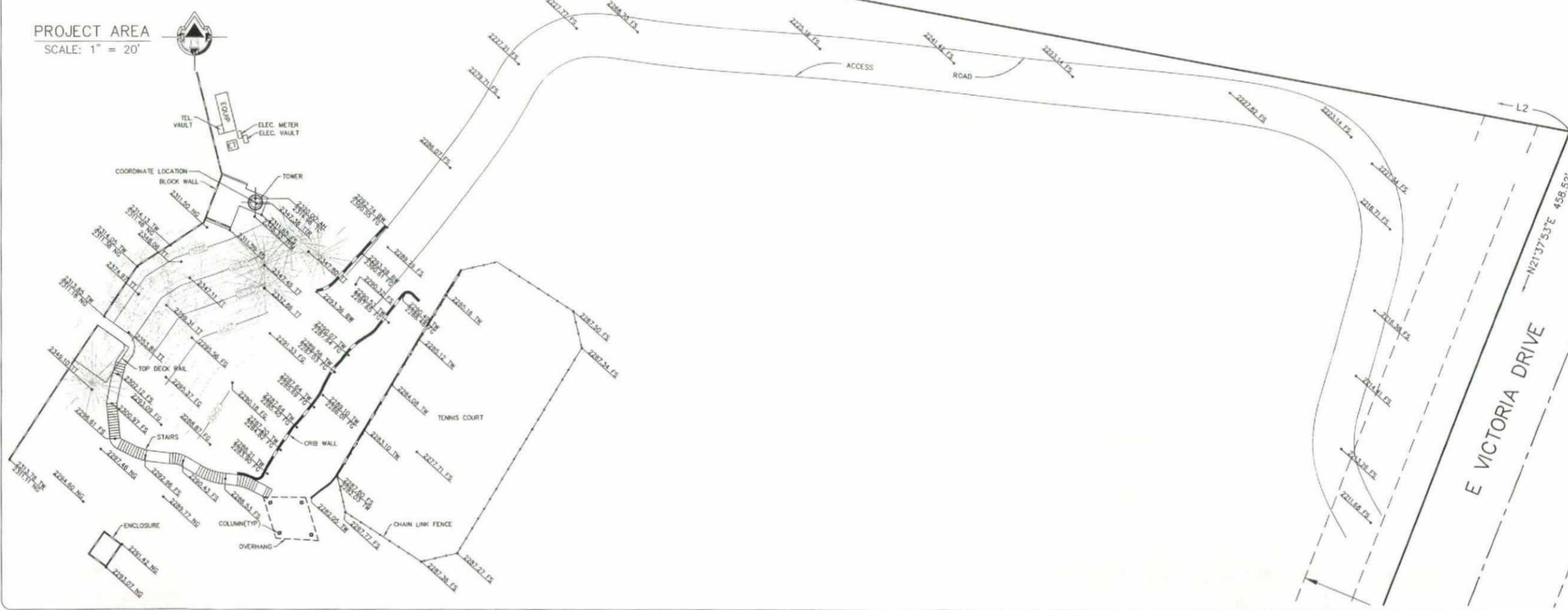
| CURVE TABLE | | | |
|-------------|---------|----------|--------|
| CURVE | RADIUS | DELTA | LENGTH |
| C1 | 470.00' | 4°57'20" | 40.65' |
| C2 | 500.00' | 5°56'47" | 51.89' |

BASIS OF BEARINGS:

BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, NAD 83 - EPOCH 2013.250 AS DERIVED THROUGH FIXED RTK OBSERVATIONS RCIM VRS CORRECTED THROUGH SMARTNET.

PROJECT AREA

SCALE: 1" = 20'



Booth & Suarez



P.O. Box 12701
 Irvine, CA 92613-9701
 (949) 242-7000

JRN CIVIL ENGINEERS

332 AVENIDA FABRICANTE,
 SUITE 107
 SAN CLEMENTE, CA 92672
 (949) 245-4885

PROJECT NAME
ALPINE 413-82

354 E VICTORIA DRIVE
 ALPINE AREA, CA 91901

DRAWING DATE:
 8/13/2013

SHEET TITLE
 TOPOGRAPHIC SURVEY

01