

**Full Size or Largest Size
(site plan, landscape, elevations)**



verizon wireless

SITE NAME: PHO_ZUZU-VALLEYHO_SC
(SMALL CELL)



SITE PHOTO

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CLIENT

VERIZON WIRELESS
126 W. GEMINI DR.
TEMPE, ARIZONA, 85283
CONTACT: TERRY SKULLA
PHONE: T.B.D.

PROPERTY OWNER - POLE

CITY OF SCOTTSDALE
7447 E. INDIAN SCHOOL RD
SCOTTSDALE, AZ, 85251
CONTACT: TBD
PHONE: (480) 312-7250

PROPERTY OWNER - EQUIPMENT

MSR PROPERTIES LLC
15035 N 73RD ST, STE 102
SCOTTSDALE, AZ, 85260
CONTACT: TBD
PHONE: TBD

SITE ACQUISITION

SMARTLINK, L.L.C.
605 W. KNOX ROAD, STE 210
TEMPE, AZ, 85284
CONTACT: MARCK SAWYER
PHONE: (480) 550-2088

ARCHITECT

YOUNG DESIGN CORP.
10245 E. VIA LINDA, SUITE 211
SCOTTSDALE, ARIZONA, 85258
CONTACT: MATT YOUNG
PHONE: (480) 451-9609
FAX: (480) 451-9608

SURVEYOR

RLF CONSULTING
1214 N. STAPEM DR.
TEMPE, AZ, 85281
CONTACT: RYAN FIDLER
PHONE: (480) 445-9189

PROJECT DATA

LEASEE: VERIZON WIRELESS
126 W. GEMINI DR.
TEMPE, ARIZONA, 85283
ZONING - POLE: C-3
APN - POLE: N/A (R.O.W.)
ZONING - EQUIPMENT: C-3
APN - EQUIPMENT: 130-11-174A
JURISDICTION: CITY OF SCOTTSDALE
BUILDING CODES: 2012.I.B.C.
2011.N.E.C.
2012.I.M.C.
2012.I.F.C.

PROJECT DESCRIPTION

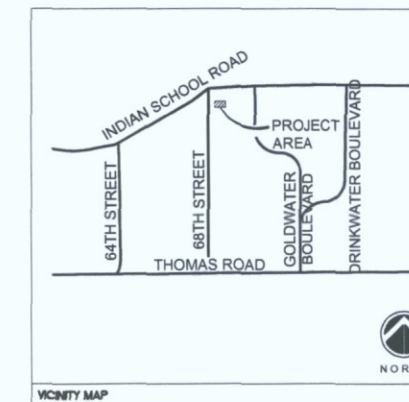
THE PROJECT CONSISTS OF THE INSTALLATION OF (2) ANTENNAS ON A REPLACEMENT CITY OF SCOTTSDALE STREET LIGHT POLE AND THE INSTALLATION OF AN ADJACENT GROUND MOUNTED EQUIPMENT CABINET ON THE ADJACENT PARCEL. FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

SITE COORDINATES

LATITUDE: 33° 29' 35.506" N
LONGITUDE: 111° 56' 04.412" W
GROUND ELEVATION: 1266.5' A.M.S.L.

SITE DIRECTIONS

FROM VERIZON OFFICE IN TEMPE, ARIZONA: HEAD WEST ON W. GEMINI DR TOWARD S. ASH AVE. TURN LEFT ONTO S. ASH AVE. TURN RIGHT ONTO W. GUADALUPE RD. TURN RIGHT AT THE 1ST CROSS STREET ONTO S. KYRENE RD. TURN LEFT ONTO W. BASELINE RD. TURN RIGHT TO MERGE ONTO I-10 W TOWARD PHOENIX / US-80 W. TAKE EXIT 153A FOR AZ-145 N TOWARD SKY HARBOR. CONTINUE ONTO AZ-143 N / HOHOKAM EXPY. TURN RIGHT ONTO E. MCCOWELL RD. TURN LEFT ONTO N. 84TH ST. TURN RIGHT ONTO E. THOMAS RD. TURN LEFT ONTO N. 68TH ST. THE VERIZON LIGHT POLE IS ON THE EAST SIDE OF N. 68TH ST JUST AFTER THE FIRST DRIVEWAY TO THE VALLEYHO HOTEL.



51-DR-2016
10/12/16

CLIENT

verizon wireless

126 W. GEMINI DR.
TEMPE, AZ 85283

INTERNAL REVIEW DATE

CONSTRUCTION SIGNATURE

RF SIGNATURE

FACILITIES SIGNATURE

REAL ESTATE SIGNATURE

PLANS PREPARED BY

young design corp

architecture / project management
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SEAL
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PRELIMINARY UNLESS NOTED

NO.	DATE	DESCRIPTION
0	8/24/2016	PRELIM REVIEW

ARCHITECTS JOB NO.
YDC-6153

PROJECT INFORMATION

PHO_ZUZU-VALLEYHO_SC

6850 E. MAIN STREET
SCOTTSDALE, AZ 85251

SHEET TITLE

TITLE SHEET

JURISDICTION APPROVAL

SHEET NUMBER

T-1

STIPULATION SET
RETAIN FOR RECORDS
APPROVED

12-15-16 KN
DATE INITIALS

GENERAL NOTES:

DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE. THIS SET OF DOCUMENTS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANY REQUIREMENTS DEEMED NECESSARY TO COMPLETE PROJECT AS DESCRIBED IN THE DRAWINGS AND OWNER'S PROJECT MANUAL.

PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE NEW PROJECT. CONTRACTORS SHALL VISIT THE CONSTRUCTION SITE WITH THE ARCHITECT PRIOR TO BIDDING. CONTRACTORS SHALL VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER VERBALLY AND IN WRITING.

THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL NOT EXCLUDE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING IN WRITING THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.

THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE PROJECT.

THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S VENDORS' SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.

ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.

GENERAL CONTRACTOR SHALL PROVIDE, AT THE PROJECT SITE, A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT. THIS SET IS A VALID CONTRACT DOCUMENT ONLY IF THE TITLE SHEET IS STAMPED FOR CONSTRUCTION AND EACH SUCCESSIVE SHEET BEARS THE ARCHITECT'S SIGNED WET STAMP.

THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION UNLESS NOTED OTHERWISE.

SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROTECTIVE SYSTEMS.

CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR A-B/C WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION.

CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.

CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.

THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS.

THE CONTRACTOR SHALL PROVIDE COMPANY WITH PROPER INSURANCE CERTIFICATES NAMING (COMPANY), AS ADDITIONAL INSURED, AND (COMPANY) PROOF OF LICENSE(S) AND PE & PD INSURANCE.

CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL INSPECTIONS.

CAUTION: CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. 1-800-332-2344.

CONTRACTOR TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO (COMPANY) ALONG WITH REDLINED CONSTRUCTION SET.

CONTRACTOR TO DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED SET TO (COMPANY) REPRESENTATIVE UPON COMPLETION.

FOR COLLOCATION SITES: CONTACT TOWER OWNER REPRESENTATIVE FOR PARTICIPATION IN BID WALK.

GENERAL CONTRACTOR IS TO COORDINATE ALL POWER INSTALLATION WITH POWER COMPANY AS REQUIRED. CONTRACTOR IS TO REPORT POWER INSTALLATION COORDINATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ARCHITECT.

ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY (COMPANY) CONSTRUCTION MANAGER.

IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE PENETRATION OF EXISTING ROOFING MATERIALS OCCUR, THE GENERAL CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER AND BUILDING ROOFING CONTRACTOR OF RECORD FOR INSTALLATION, PATCH, REPAIR OR ANY AUGMENTATION TO THE ROOF, AND HAVE THE WORK QUARANTEED UNDER THE ROOFING CONTRACTOR'S WARRANTY FOR MOISTURE PENETRATION OR AND OTHER FUTURE BREACH OF ROOFING INTEGRITY.

CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK, AND PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE ON THE JOB SITE.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.

CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS AND FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING CONSTRUCTION TO SATISFACTION OF VERIZON WIRELESS WIRELESS REPRESENTATIVE.

CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS DURING CONSTRUCTION. LEAVE PREMISES IN A VACUUM AND BROOM CLEAN CONDITION, FREE FROM PAINT SPOTS, DUST, SMUDGES OF ANY NATURE AND IN WORKING ORDER UNTIL ACCEPTANCE BY VERIZON WIRELESS WIRELESS AND PROPERTY OWNER.

IN THE CASE OF ROOFTOP SOLUTIONS WITH THE INSTALLATION OF ANTENNAS WITHIN CONCEALED (SHROUDED) SUPPORT FRAMES OR TRIPODS, THE CONTRACTOR SHALL COORDINATE WITH THE FRP DESIGNER/FABRICATOR TO ENSURE THAT THE FINAL FRP SHROUD IS SIMULATING (IN APPEARANCE) DESIGNATED EXISTING EXTERIOR BUILDING FACADE MATERIALS, TEXTURES, AND COLORS. THE CONTRACTOR SHALL FURTHERMORE ENSURE THE USE OF COUNTERSUNK FASTENERS IN ALL FRP CONSTRUCTION. WHEN PHOTOSIMULATIONS ARE PROVIDED, THE CONTRACTOR SHALL ENSURE THAT FINAL CONSTRUCTION REPRESENTS WHAT IS INDICATED IN PHOTOSIMULATION. SHOP DRAWINGS SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, CONSTRUCTION COORDINATOR, AND ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.

IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE ANCHORING TO A CONCRETE ROOF SLAB IS REQUIRED, CONTRACTORS SHALL CONFIRM (PRIOR TO SUBMITTING BID) WITH CONSULTING CONSTRUCTION COORDINATOR AND ARCHITECT THE PRESENCE OF POST TENSION TENDONS WITHIN THE ROOF SLAB - RESULTING FROM AN UNDOCUMENTED DESIGN CHANGE IN THE EXISTING BUILDING AS-BUILT DRAWING SET - HAVING INDICATED AN ORIGINAL DESIGN SOLUTION OF REINFORCED CONCRETE W/ EMBEDDED STEEL REBAR. IN THE EVENT POST TENSION SLAB SOLUTION IS PRESENT, CONTRACTOR SHALL INCLUDE PROVISIONS FOR X-RAY PROCEDURES (INCLUDED IN BID) FOR ALL PENETRATION AREAS WHERE ANCHORING OCCURS.

GENERAL & SUB CONTRACTORS SHALL USE STAINLESS STEEL METAL LOCKING TIES FOR ALL CABLE TRAY TIE DOWNS AND ALL OTHER GENERAL TIE DOWNS (WHERE APPLICABLE). PLASTIC ZIP TIES SHALL NOT BE USED ON VERIZON WIRELESS WIRELESS PROJECTS. RECOMMENDED MANUFACTURE SHALL BE: PANDUIT CORP. METAL LOCKING TIES MODEL NO. MLT45-CP UNDER SERIES-304 (OR EQUAL). PANDUIT PRODUCT DISTRIBUTED BY TRIARC OF TACOMA, WA.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR RED-LINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. FOLLOWING THE FINAL INSPECTION BY VERIZON WIRELESS WIRELESS, THE CONTRACTOR SHALL PROVIDE VERIZON WIRELESS WIRELESS WITH ONE (1) COPY OF ALL RED-LINED DRAWINGS. NOTE ALL OF THE FOLLOWING: MODIFICATIONS OF ANY SCHEDULE; SUBSTITUTIONS AND/OR MODEL NUMBERS OF EQUIPMENT.

VERIFY ALL FINAL EQUIPMENT WITH VERIZON WIRELESS WIRELESS REPRESENTATIVE. ALL TELEPHONE/RADIO EQUIPMENT LAYOUT, SPECIFICATIONS, PERFORMANCE INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY VERIZON WIRELESS WIRELESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK AND CLEARANCES REQUIRED BY OTHERS RELATED TO SAID INSTALLATIONS.

STANDARD CIVIL NOTES:

ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND STIPULATED IN THE SPECIFICATIONS PROJECT MANUAL.

RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.

NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND, FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO THE CRUSHED STONE APPLICATION.

ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND SHALL BE CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF THE ENGINEERS.

THE AREAS OF THE CUSTOMER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE BUILDING, DRIVEWAY OR CRUSHED STONE, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDDED, AND COVERED WITH MULCH AS SPECIFIED IN THE SPECIFICATION LANDSCAPE WORK.

GENERAL CONCRETE NOTES:

ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI-318. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH CHAPTER 19 OF THE CURRENT BUILDING CODE. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS:

TYPE OF CONSTRUCTION	28 DAY STRENGTHS (FC)	W/C RATIO	MINIMUM CEMENT CONTENT PER CUBIC YARD
A. SLABS ON GRADE TOPPING SLABS CONCRETE PIERS	2,400 PSI	≤ 45	5 1/2 SACKS
B. ALL STRUCTURAL CONCRETE EXCEPT WALLS	4,000 PSI	≤ 45	6 1/2 SACKS
C. CONCRETE WALLS	4,000 PSI	≤ 45	6 1/2 SACKS

CEMENT SHALL BE ASTM C150, PORTLAND CEMENT TYPE II U.O.

THE GENERAL CONTRACTOR SHALL SUPERVISE AND BE RESPONSIBLE FOR THE METHODS AND PROCEDURES OF CONCRETE PLACEMENT.

ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, C618, C989 AND C1017. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH TABLE 1904.2.1 OF THE CURRENT BUILDING CODE.

REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, fy=60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, fy=40,000 PSI. GRADE 60 REINFORCING BARS INDICATED ON DRAWINGS TO BE WELDED SHALL CONFORM TO ASTM A706. REINFORCING COMPLYING WITH ASTM A615(S1) MAY BE WELDED ONLY IF MATERIAL PROPERTY REPORTS INDICATING CONFORMANCE WITH WELDING PROCEDURES SPECIFIED IN A.W.S. D14 ARE SUBMITTED.

REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH ACI 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP CORNER BARS AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.

SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615, GRADE 60, fy=60,000 PSI.

NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE CONSULTANT.

CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE	3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	2" (48 BARS OR LARGER) 1 1/2" (48 BARS OR SMALLER)
SLABS AND WALLS (INTERIOR FACE)	3/4"

BARS SHALL BE SUPPORTED ON CHAIRS OR DOBBE BRICKS.

ANCHOR BOLTS TO CONFORM TO ASTM A307.

NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3,000 PSI MINIMUM).

ALL EXPANSION ANCHORS TO BE HILTI BRAND. ADHESIVE ANCHORS REQUIRE TESTING TO CONFIRM CAPACITY UNLESS WAIVED BY ENGINEER.

STRUCTURAL STEEL NOTES:

SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.

STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON THE A.I.S.C. SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS' LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODE, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.

STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS: TYPE OF MEMBER

A. PLATES, SHAPES, ANGLES, AND RODS	ASTM A36, Fy 36 KSI
B. SPECIAL SHAPES, AND PLATES	ASTM A572, Fy 50 KSI
C. PIPE COLUMNS	ASTM A53, Fy 35 KSI
D. STRUCTURAL TUBING	ASTM A500, Fy 48 KSI
E. ANCHOR BOLTS	ASTM A307
F. CONNECTION BOLTS	ASTM A325 TWIST-OFF-TYPE

ALL MATERIAL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION PER A123/A123M-00.

ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND AWS STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70 XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDING OF GRADE 60 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES. WELDING OF GRADE 40 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING E70 XX ELECTRODES. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. SEE REINFORCING NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS.

COLD-FORMED STEEL FRAMING MEMBERS SHALL BE OF THE SHAPE, SIZE, AND GAGE SHOWN ON THE PLANS. PROVIDE MINIMUM SECTION PROPERTIES INDICATED. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE A.I.S.C. SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.

BOLTED CONNECTIONS SHALL USE BEARING TYPE ASTM A325 BOLTS (3/4" DIA.) AND SHALL HAVE A MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.

NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A307 BOLTS UNLESS NOTED OTHERWISE.

ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE DESIGN & CONSTRUCTION SPECIFICATION AND IN ACCORDANCE WITH ASTM A36 UNLESS NOTED OTHERWISE.

TOUCH UP TO BE 14" FILLET UNLESS NOTED OTHERWISE.

ALL WELDS ALL FIELD DRILLING AND WELDING WITH 2 COATS OF GALVACON (ZINC RICH PAINT) OR APPROVED EQUAL.

MASONRY

WORK

PROVIDE EVERYTHING REQUIRED TO COMPLETE UNIT MASONRY AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.

QUALITY STANDARDS

PROVIDE EXPERIENCED, WELL-TRAINED WORKERS COMPETENT TO COMPLETE THE WORK AS SPECIFIED.

MATERIALS

MORTAR AS PER ASTM C270, TYPE S. ONE PART PORTLAND CEMENT, ONE-HALF PART LIME, NOT MORE THAN FOUR AND ONE-HALF PARTS SAND, MEASURED DAMP AND LOOSE. COMPRESSIVE STRENGTH OF 1800 PSI AT 28 DAYS.

MORTAR MATERIALS: PORTLAND CEMENT, TYPE I OR II, AGGREGATE, CLEAN, SHARP SAND, LIME, QUICK LIME ASTM C5, HYDRATED LIME, TYPE S, WATER, CLEAN AND POTABLE.

PROVIDE CONCRETE UNIT MASONRY WHERE SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN AS MANUFACTURED BY:

CONCRETE UNIT MASONRY SHALL COMPLY WITH ASTM STANDARDS: CONCRETE BRICKS, ASTM C55, HOLLOW LOAD-BEARING UNITS, ASTM C90, HOLLOW NON-LOAD-BEARING UNITS, ASTM C129, SOLID LOAD-BEARING UNITS, ASTM C145.

GRADES AND TYPES: HOLLOW, LOAD-BEARING UNITS GRADE N, TYPE I, MEDIUM WEIGHT FOR EXTERIOR, HOLLOW, LOAD-BEARING UNITS GRADE S, TYPE II, LIGHTWEIGHT FOR INTERIOR, SHALL BE AS FOLLOWS:

GROUT SHALL BE TYPE II CEMENT CONFORMING TO ASTM C-150. AGGREGATE SHALL CONFORM TO ASTM C-144, SAND TO CONFORM TO ASTM C-404 AND LIME SHALL CONFORM TO ASTM C-207.

SEE CONCRETE SECTION THIS SPECIFICATION FOR THE REINFORCING STEEL MATERIAL REQUIREMENTS.

ACCESSORIES AND OTHER RELATED MATERIALS

PROVIDE ALL ACCESSORIES AND MATERIALS AS REQUIRED FOR COMPLETE, PROPER INSTALLATION.

UNIT MASONRY INSTALLATION AND MORTAR APPLICATION

COMPLETE THIS WORK IN A TIMELY FASHION, WITHOUT INTERFERING WITH, OR DELAYING THE WORK OF OTHER TRADES.

COMPLETE ALL WORK ACCORDING TO APPLICABLE CODES AND REGULATIONS.

COMPLETE ALL WORK ACCORDING TO THE STANDARDS AND SPECIFICATIONS OF THE MASONRY INSTITUTE OF AMERICA.

MASONRY ACCESSORIES AND REINFORCING - INSTALLATION

INSTALL METAL TIES FOR BONDING AS PER DETAILS AND REFERENCED TRADE STANDARDS. ASSURE COMPLIANCE IN TYPES, SIZES, SPACING, DEPTH OF ANCHORING AND CORROSION RESISTANCE.

INSTALL REINFORCING AS PER DETAILS AND REFERENCED TRADE STANDARDS.

PAINTING

- THE CONTRACTOR SHALL PREPARE SURFACES, FURNISH ALL PAINT, MATERIAL, LABOR AND EQUIPMENT REQUIRED FOR THE PAINTING OF ALL SURFACES AS REQUIRED BY THE DRAWINGS AND SPECIFIED HEREIN.
- PAINTS TO BE APPLIED IN ALL WORKMANLIKE MANNER. UPON COMPLETION, REMOVE ALL MATERIALS AND DEBRIS CAUSED BY THIS CONTRACTOR. ALL HARDWARE, FLOORS, GLASS, FRAMES FIXTURES AND THE LIKE SHALL BE THOROUGHLY CLEANED OF PAINT.
- REGULATORY REQUIREMENTS: ALL MATERIALS MUST COMPLY WITH AIR POLLUTION CONTROL REGULATIONS, SUCH AS L.A. COUNTY APCD RULE 1113 AND BAY AREA PCO REG. 3.
- MATERIAL SHALL BE AS INDICATED ON PAINT SCHEDULE BELOW AND DRAWINGS.
- ALL STEEL CORNERS AND MISC. METALS SHALL BE PRIMED AND PAINTED.
- FIRE PREVENTION: TAKE EVERY PRECAUTION AT THE END OF THE DAY TO REMOVE OILY RAGS AND COMBUSTIBLE MATERIALS FROM THE SITE OR STORE IN METAL CONTAINER WITH TIGHT COVERS.
- EXTERIOR PAINT SYSTEMS (EPS):
 - FERROUS METALS; DOORS AND FRAMES: (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR TO MATCH EXISTING BUILDING 1ST COAT: 064 RUST STOP 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
 - ALUMINUM OR GALVANIZED STEEL: (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR PER PLAN 1ST COAT: 061 METAL PLAN 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
 - PLASTER, CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR TO MATCH EXISTING BUILDING 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: 124 MIRROGLIDE S/G.
- INTERIOR PAINT SYSTEMS (IPS):
 - GYPSUM DRYWALL (NON-EPOXY); RADIO FACILITY (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR TO BE WHITE 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: 124 MIRROGLIDE S/G.
 - TELEPHONE BACKBOARD; FRAZEE PAINT - COLOR TO BE WHITE 1ST COAT: 367 FRAFO V/C 2ND COAT: FLAT FIRE PAINT #606 BY PLANECONCRETE (AS SPECIFIED) 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS OVERCOAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS (TINT TO MATCH WALL).
 - PLASTER, CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR TO BE WHITE 1ST COAT: PLAT FIRE PAINT #606 BY PLANECONCRETE (AS SPECIFIED) 2ND COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G.

SIGNS

- INSTALL EMERGENCY INFORMATION PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR MOST VISIBLE PLACE ON OUTSIDE COMPOUND WALL). PLACARD IS TO CONTAIN SITE NAME, SITE NUMBER, COMPANY NAME, ADDRESS INFORMATION, AND A 8007 NUMBER TO CALL, IN CASE OF EMERGENCY. PLACARD IS TO CONSIST OF HIGH CONTRAST LETTERING (WHITE BACK GROUND W/ RED LETTERING) BEHIND VANDAL RESISTANT LEXAN COVER.
- INSTALL ADDRESS PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR FACING STREET OF ASSOCIATED ADDRESS). PLACARD IS TO CONTAIN 12" TALL, HIGH CONTRAST LETTERING (WHITE BACK GROUND AND RED LETTERS) BEHIND VANDAL RESISTANT LEXAN COVER.

LEGEND

	NEW ANTENNA		GROUT OR PASTER
	EXISTING ANTENNA		(E) BRICK
	GROUND ROD		(E) MASONRY
	GROUND SLAB BAR		CONCRETE
	MECHANICAL GRID CONN.		EARTH
	CADMIUM		GRAVEL
	GROUND ACCESS WELL		PLYWOOD
	ELECTRIC BOX		STUCCO
	TELEPHONE BOX		WOOD CORE
	LIGHT POLE		WOOD BLOCKING
	NO. MONUMENT		STEEL
	SPOT ELEVATION		CENTERLINE
	FIRE HYDRANT		PROPERTY RELEASE LINE
	REVISION		LEASE LINE
	GRID REFERENCE		GROUND CONDUCTOR
	DETAIL REFERENCE		TELEPHONE CONDUCTOR
	ELEVATION REFERENCE		ELECTRICAL CONDUCTOR
	SECTION REFERENCE		COAXIAL CABLE
	SECTION REFERENCE		OVERHEAD SERVICE CONDUCTOR
	SECTION REFERENCE		CHAIN LINK FENCING

CLIENT

126 W. GEMINI DR.
TEMPE, AZ 85283

INTERNAL REVIEW _____ DATE _____

CONSTRUCTION SIGNATURE _____

RF SIGNATURE _____

FACILITIES SIGNATURE _____

REAL ESTATE SIGNATURE _____

PLANS PREPARED BY

architecture / project management
10245 E. Via Linda, Scottsdale, AZ 85258
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NO.	DATE	DESCRIPTION
0	8/24/2016	PRELIM REVIEW

ARCHITECTS JOB NO.
YDC-6153

PROJECT INFORMATION

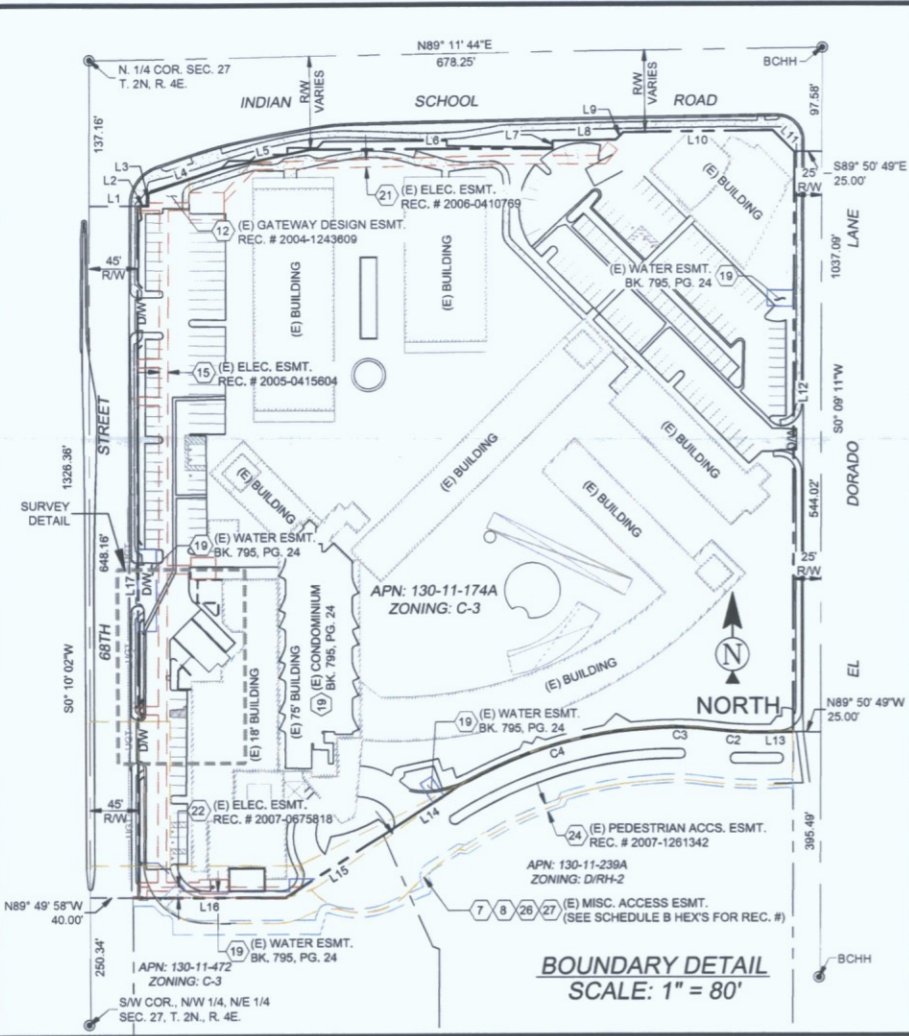
PHO_ZUZU-VALLEYHO_SC

6850 E. MAIN STREET
SCOTTSDALE, AZ 85251

SHEET TITLE
GENERAL INFORMATION

JURISDICTION APPROVAL

SHEET NUMBER
T-2



SCHEDULE B EXCEPTIONS

4. AN EASEMENT FOR DITCH AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN BOOK 109 OF DEEDS, PAGE 114 OF OFFICIAL RECORDS. (BLANKET IN NATURE)
7. AN EASEMENT FOR TROLLEY ACCESS AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2004-1041584 OF OFFICIAL RECORDS.
8. AN EASEMENT FOR EMERGENCY VEHICLE ACCESS AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2004-1041588 OF OFFICIAL RECORDS.
9. ALL MATTERS AS SET FORTH IN HISTORIC PRESERVATION OF VALLEY HO PROPERTY DEVELOPMENT AGREEMENT RECORDED AS 2004-1082642, AMENDMENT RECORDED AS 2004-1258948 AND SECOND AMENDMENT RECORDED AS 2006-0034783 AND RE-RECORDED 2006-0108822 OF OFFICIAL RECORDS.
11. ALL MATTERS AS SET FORTH IN EASEMENT AGREEMENT RECORDED AS 2004-1149908 AND RE-RECORDED AS 2004-1173425 OF OFFICIAL RECORDS.
12. AN EASEMENT FOR GATEWAY DESIGN FEATURE AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2004-1243609 OF OFFICIAL RECORDS.
15. AN EASEMENT FOR ELECTRICAL LINES AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2005-0415604 OF OFFICIAL RECORDS.
19. A MAP PURPORTED TO SHOW SAID PROPERTY RECORDED AS BOOK 795 OF MAPS, PAGE 24 OF OFFICIAL RECORDS.
21. AN EASEMENT FOR ELECTRICAL LINES AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2006-0410769 OF OFFICIAL RECORDS.
22. AN EASEMENT FOR ELECTRICAL LINES AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2007-0675818 OF OFFICIAL RECORDS.
24. AN EASEMENT FOR PEDESTRIAN PUBLIC ACCESS AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2007-1261342 OF OFFICIAL RECORDS.
25. ANY ACTION THAT MAY BE TAKEN BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY TO ACQUIRE EASEMENTS, RIGHTS OF WAY, OR RESTRICTIVE RIGHTS FOR DRAINAGE AS DISCLOSED BY RESOLUTION RECORDED IN 2008-1029204 OF OFFICIAL RECORDS. (BLANKET IN NATURE)
26. ALL MATTERS AS SET FORTH IN ACCESS EASEMENT AGREEMENT RECORDED IN 2009-1015046 AND RECORDED IN 2010-0082546 OF OFFICIAL RECORDS.
27. AN EASEMENT FOR ACCESS EASEMENT AGREEMENT AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2009-1047056 OF OFFICIAL RECORDS.

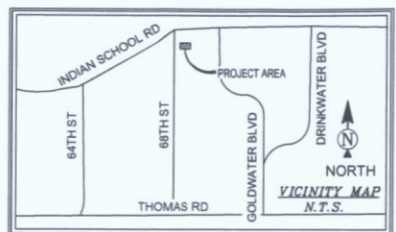
LESSOR'S LEGAL DESCRIPTION

LOT 1A, OF HOTEL VALLEY HO LAND DIVISION, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF MARICOPA COUNTY, ARIZONA, RECORDED BOOK 720 OF MAPS, PAGE 9;

EXCEPTING THEREFROM ANY PORTION LYING WITHIN "TOWER RESIDENCES AT HOTEL VALLEY HO, A CONDOMINIUM", ACCORDING TO BOOK 795 OF MAPS, PAGE 24, RECORDS OF MARICOPA COUNTY, ARIZONA.

SURVEYOR NOTES

1. ALL TITLE INFORMATION IS BASED UPON A COMMITMENT FOR TITLE INSURANCE PREPARED BY GREAT AMERICAN TITLE AGENCY, ORDER NO.: 21501861 EFFECTIVE DATE: 04/17/15.
2. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE.
3. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
4. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS; IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.



BOUNDARY DETAIL
SCALE: 1" = 80'

LEGEND

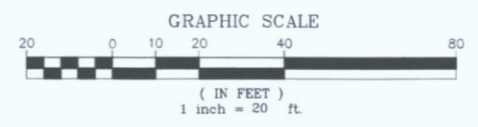
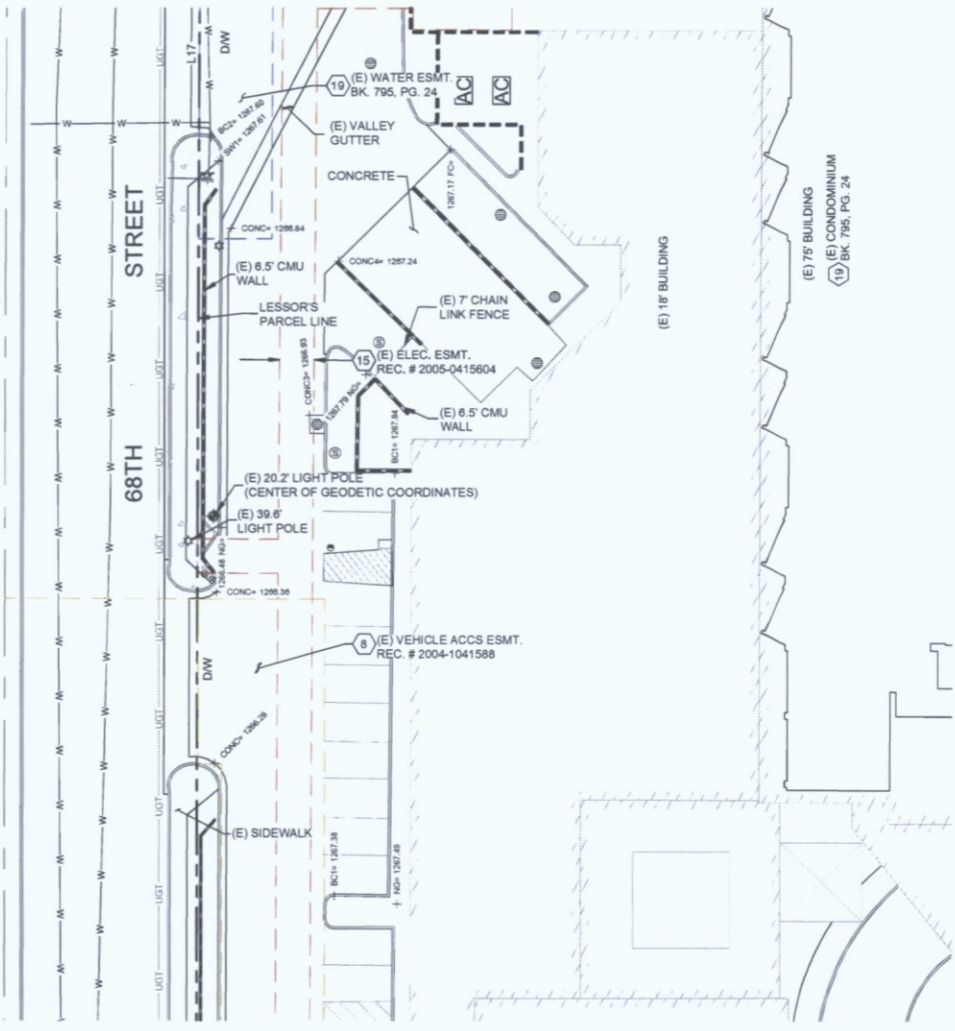
- NG NATURAL GRADE
- FC FACE OF CURB
- R/W RIGHT OF WAY
- PV ASPHALT
- D/W ACCESS DRIVEWAY
- SW SIDEWALK
- CMU CONCRETE MASONRY UNIT
- C CONCRETE
- 1419.18 SPOT ELEVATION
- WATER METER
- WATER CONTROL VALVE
- FIRE HYDRANT
- FOUND AS NOTED
- LIGHT POLE
- ELECTRICAL TRANSFORMER
- ELECTRICAL PULL BOX
- ELECTRICAL METER
- AIR CONDITIONING UNIT
- TELEPHONE VAULT
- BREAKLINE
- SAN SEWER MANHOLE
- IRRIGATION CONTROL VALVE
- BOLLARD
- POSITION OF GEODETIC COORDINATES
- PROPERTY LINE
- PROPERTY LINE (OTHER)
- CENTERLINE
- EASEMENT LINE
- CHAIN LINK FENCE
- WOOD OR IRON FENCE
- U/E U/G ELECTRIC LINE
- U/G TELECOMMUNICATION LINE
- WATER LINE

LINE TABLE

LINE	LENGTH	BEARING
L1	45.00	S89° 49' 58"E
L2	9.74	S89° 50' 14"E
L3	12.00	N0° 18' 18"E
L4	70.00	N71° 05' 50"E
L5	86.77	N78° 12' 29"E
L6	224.00	S89° 57' 22"E
L7	7.50	N0° 42' 05"W
L8	59.00	N89° 17' 55"E
L9	9.90	N44° 17' 55"E
L10	137.13	N89° 17' 55"E
L11	28.53	S45° 42' 05"E
L12	544.02	S0° 09' 11"W
L13	33.29	N89° 50' 49"W
L14	93.03	S57° 09' 07"W
L15	107.83	S57° 09' 07"W
L16	141.91	N89° 48' 13"W
L17	648.17	N0° 10' 02"E

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	CHORD BRG.	CHORD LENGTH
C2	42.35	306.57	7°54'54"	S85° 53' 22"E	42.32
C3	58.24	251.92	13°14'45"	N88° 41' 15"W	58.11
C4	178.00	405.02	25°10'50"	S73° 44' 38"W	178.57



PROJECT META DATA

1. ELEVATIONS SHOWN HEREON ARE REPRESENTED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ESTABLISHED FROM GPS DERIVED ELLIPSOID HEIGHTS, APPLYING GEOID 09 SEPARATIONS CONSTRAINING TO NGS CORRS STATIONS PROVIDED IN THE "ONLINE POSITIONING USER SERVICE" (OPUS) SOLUTION FOR THIS SPECIFIC SITE.
2. BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM ARIZONA STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.
3. FIELD WORK FOR THIS PROJECT WAS PERFORMED ON 04/20/15.

TOP OF LIGHT = 1286.7' (20.2' A.G.L.)
TOP OF POLE = 1286.6' (20.1' A.G.L.)

POSITION OF GEODETIC COORDINATES
LATITUDE 33° 29' 35.506" NORTH (NAD83)
LONGITUDE 111° 56' 04.412" WEST (NAD83)
ELEVATION @ GROUND = 1286.5' (NAVD88)

STREET LIGHT DETAIL
N.T.S.

CONCRETE = 1289.5' (3.0 A.G.L.)
GRADE = 1286.5' (0.0 A.G.L.)



verizon wireless
126 W. GEMINI DR.
TEMPE, AZ 85283

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FIELD BY:	JMM/JTS
DRAWN BY:	ABM/TJ
CHECKED BY:	ABM

REVISIONS

NO.	DATE	DESCRIPTION
1	04/24/15	PRELIMINARY

rlf Consulting, llc
Land Survey & Mapping Solutions
1214 North Stoddem Drive
Tempe, AZ 85281
p. 480.445.9189 | f. 480.445.9185
www.rllfconsulting.com

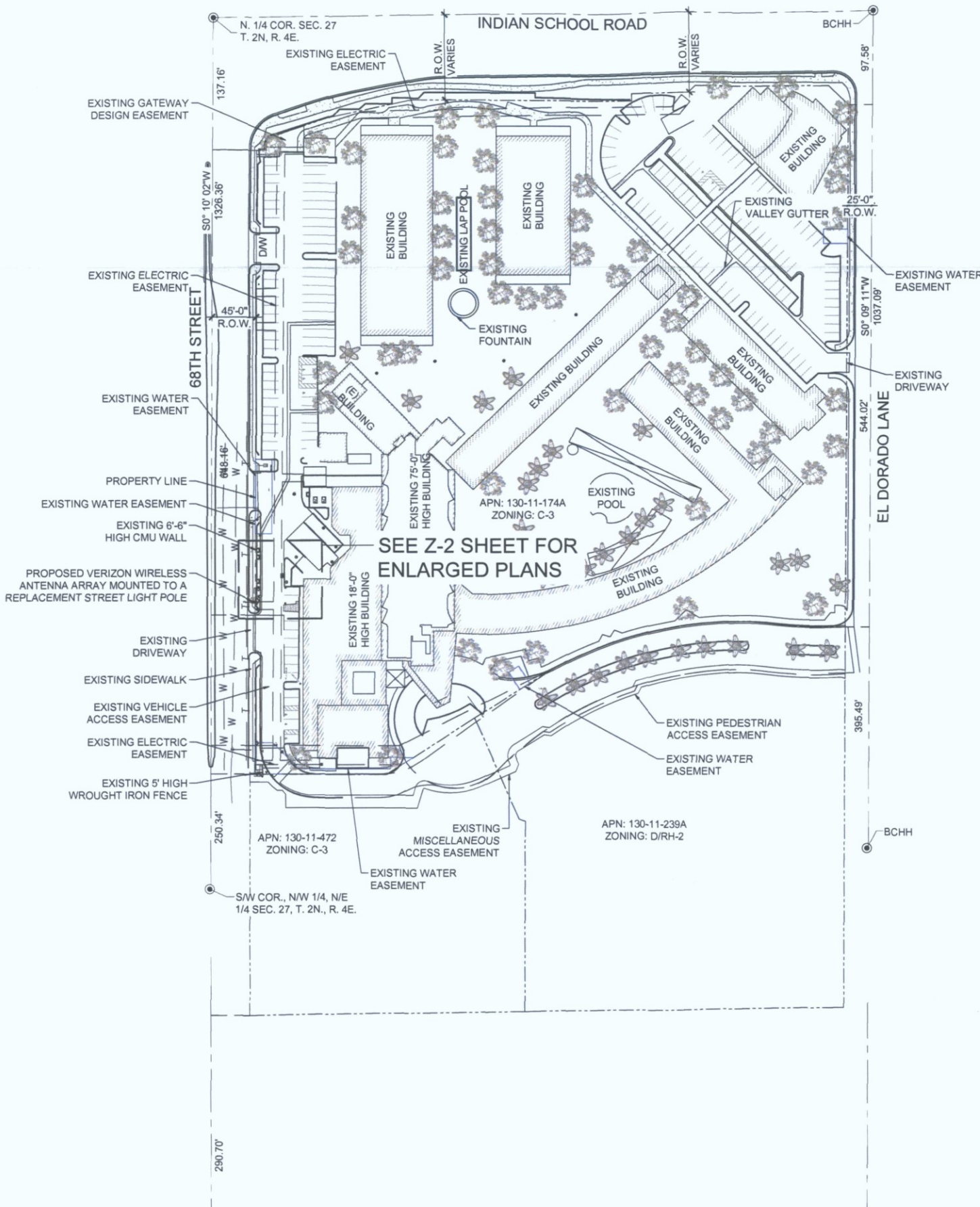
PROJECT No.
09006758

SITE NAME:
PHO_ZUZU-VALLEYHO_SC

SITE ADDRESS:
**6850 E MAIN STREET
SCOTTSDALE, AZ 85251**

SHEET TITLE:
SITE SURVEY

SHEET NO. LS-1	REVISION:
--------------------------	-----------



STIPULATION SET
RETAIN FOR RECORDS
APPROVED

12-15-16 DATE KN INITIALS



CLIENT

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126 W. GEMINI DR.
TEMPE, AZ 85283

INTERNAL REVIEW	DATE
CONSTRUCTION SIGNATURE	
RF SIGNATURE	
FACILITIES SIGNATURE	
REAL ESTATE SIGNATURE	

PLANS PREPARED BY

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architecture / project management
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e mail: corporate@ydcoffice.com

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10382 RONALD C. YOUNG, P.E.
STATE OF ARIZONA

EXP: 12/31/16

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PRELIMINARY UNLESS NOTED

NO.	DATE	DESCRIPTION
0	8/24/2016	PRELIM REVIEW

ARCHITECTS JOB NO.
YDC-6153

PROJECT INFORMATION

PHO_ZUZU-VALLEYHO_SC

6850 E. MAIN STREET
SCOTTSDALE, AZ 85251

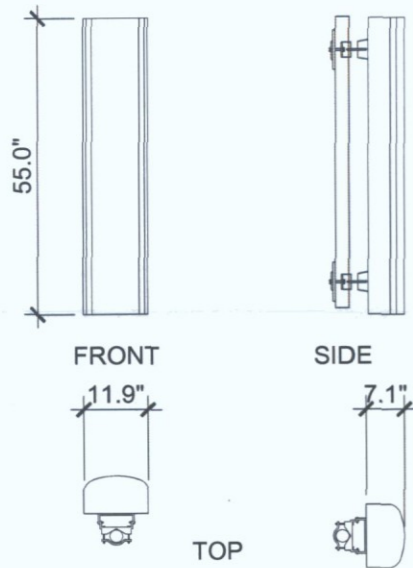
SHEET TITLE

OVERALL SITE PLAN

JURISDICTION APPROVAL

SHEET NUMBER

Z-1



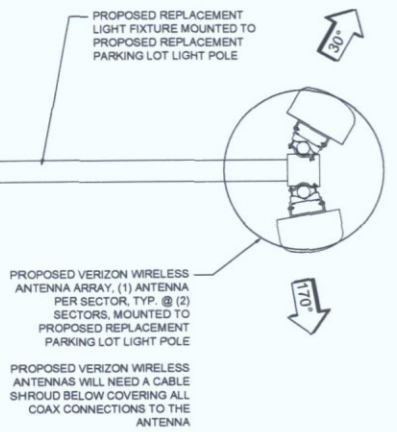
ANTENNA DETAIL 4

COAXIAL CABLE TABLE					
SECTOR	AZIMUTH	LENGTH	QTY.	SIZE	TYPE
ALPHA	30°	± 42'-0"	4	1/2"	T.B.D.
BETA	170°	± 42'-0"	4	1/2"	T.B.D.

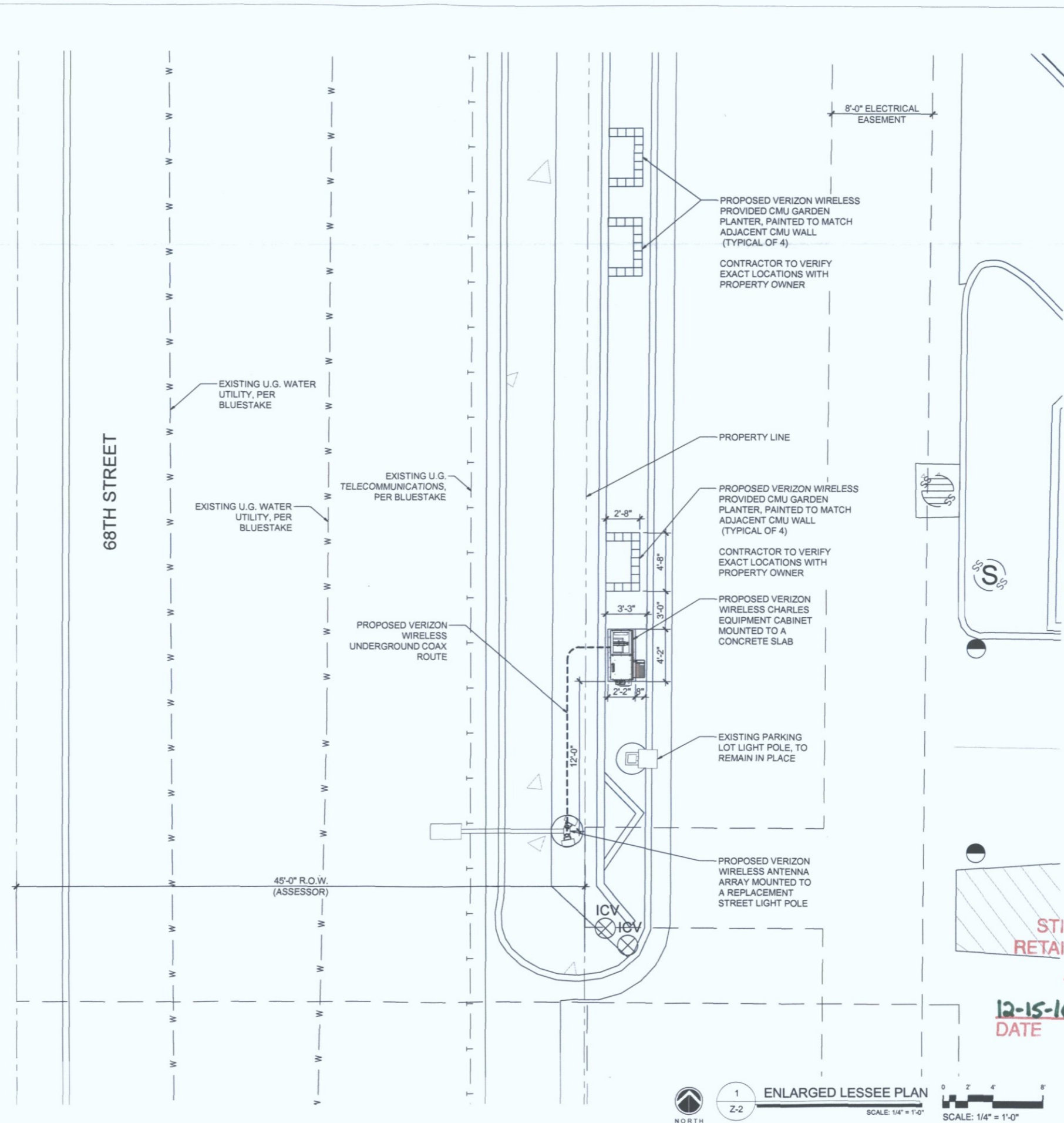
NOTE:
ALL AZIMUTHS SHOWN ARE RELATIVE TO TRUE NORTH, UNLESS NOTED OTHERWISE

*IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY AZIMUTHS BE DEPCTED HEREIN WITH RF DEPARTMENT PRIOR TO INSTALLING ANTENNAS.

COAX CABLE INFORMATION 3



NEW ANTENNA CONFIG. 2



1 ENLARGED LESSEE PLAN Z-2
SCALE: 1/4" = 1'-0"

0 2 4 8
SCALE: 1/4" = 1'-0"

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TEMPE, AZ 85283

INTERNAL REVIEW	DATE
CONSTRUCTION SIGNATURE	
RF SIGNATURE	
FACILITIES SIGNATURE	
REAL ESTATE SIGNATURE	

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AZ 10382
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ARCHITECTS JOB NO.
YDC-6153

PROJECT INFORMATION

PHO_ZUZU-VALLEYHO_SC

6850 E. MAIN STREET
SCOTTSDALE, AZ 85251

SHEET TITLE
ENLARGED SITE PLAN
SITE DETAILS

JURISDICTION APPROVAL

STIPULATION SET
RETAIN FOR RECORDS
APPROVED

12-15-16
DATE

KN
INITIALS

SHEET NUMBER
Z-2

EXISTING MAST ARM & LUMINAIRE,
TO BE RELOCATED TO
REPLACEMENT STREET LIGHT POLE

CONTRACTOR TO REMOVE AND
PROPERLY DISPOSE OF
EXISTING STREET LIGHT POLE

EXISTING 12' HIGH
TREE, TO REMAIN IN
PLACE, TYP.

EXISTING CMU SCREEN
WALL, BEYOND, TO
REMAIN UNCHANGED

EXISTING CONCRETE CURB,
TO REMAIN UNCHANGED

32'-1" TO TOP OF EXISTING STREET LIGHT POLE, TO BE REMOVED

39'-4" OVERALL HEIGHT OF EXISTING STREET LIGHT POLE, TO BE REMOVED

STIPULATION SET
RETAIN FOR RECORDS
APPROVED

12-15-16
DATE

KN
INITIALS

1 EXISTING EAST ELEVATION
Z-3

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

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

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TEMPE, AZ 85283

INTERNAL REVIEW DATE

CONSTRUCTION SIGNATURE

RF SIGNATURE

FACILITIES SIGNATURE

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PLANS PREPARED BY

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NO.	DATE	DESCRIPTION
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ARCHITECTS JOB NO.
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PROJECT INFORMATION

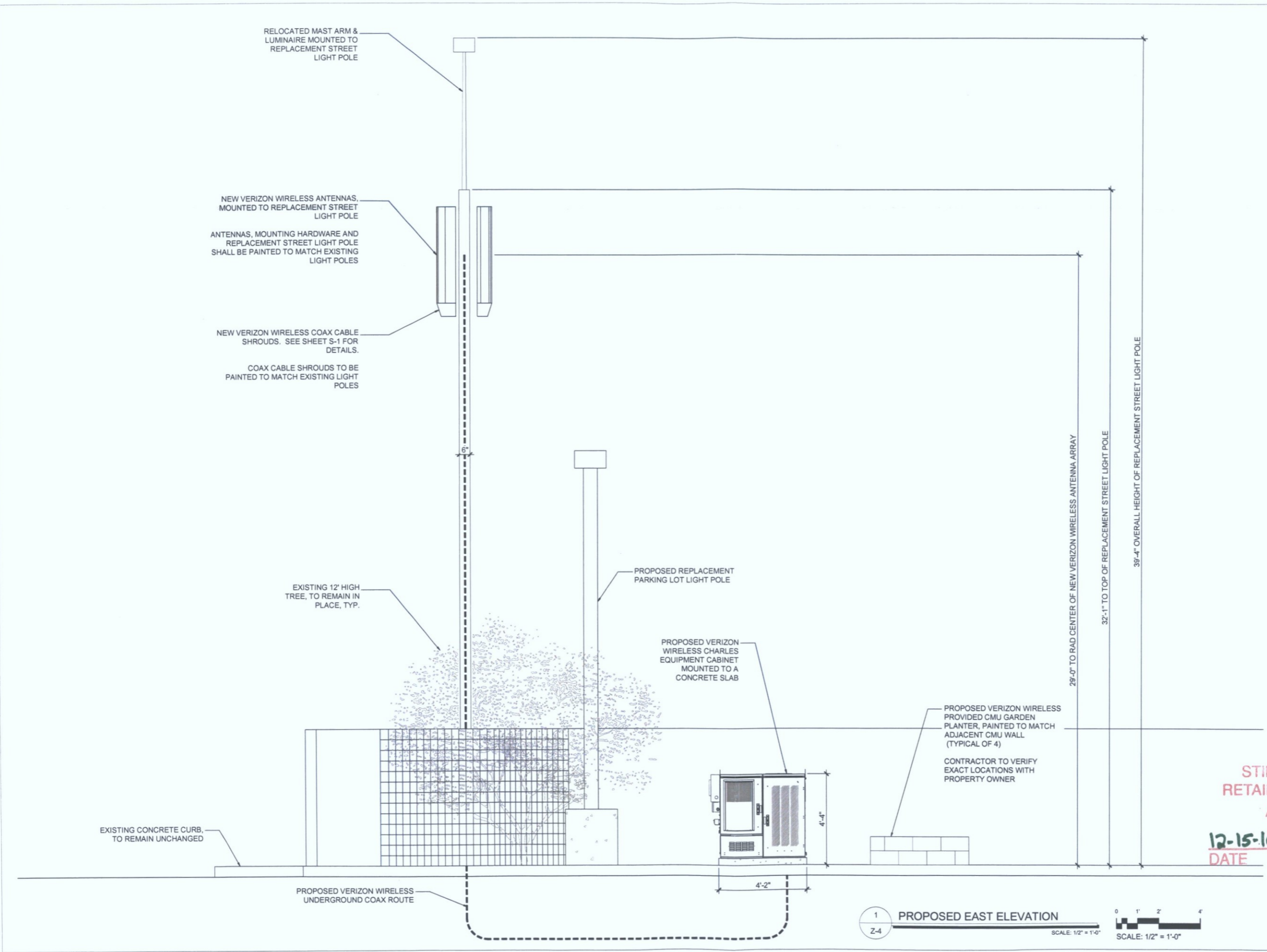
PHO_ZUZU-VALLEYHO_SC

6850 E. MAIN STREET
SCOTTSDALE, AZ 85251

SHEET TITLE
ELEVATIONS

JURISDICTION APPROVAL

SHEET NUMBER
Z-3



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

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 126 W. GEMINI DR.
 TEMPE, AZ 85283

INTERNAL REVIEW	DATE
CONSTRUCTION SIGNATURE	
RF SIGNATURE	
FACILITIES SIGNATURE	
REAL ESTATE SIGNATURE	

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1982
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 PROFESSIONAL ENGINEER
 ARIZONA U.S.A.
 EXP. 12/31/16

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PROJECT INFORMATION

PHO_ZUZU-VALLEYHO_SC

6850 E. MAIN STREET
 SCOTTSDALE, AZ 85251

SHEET TITLE
 ELEVATIONS

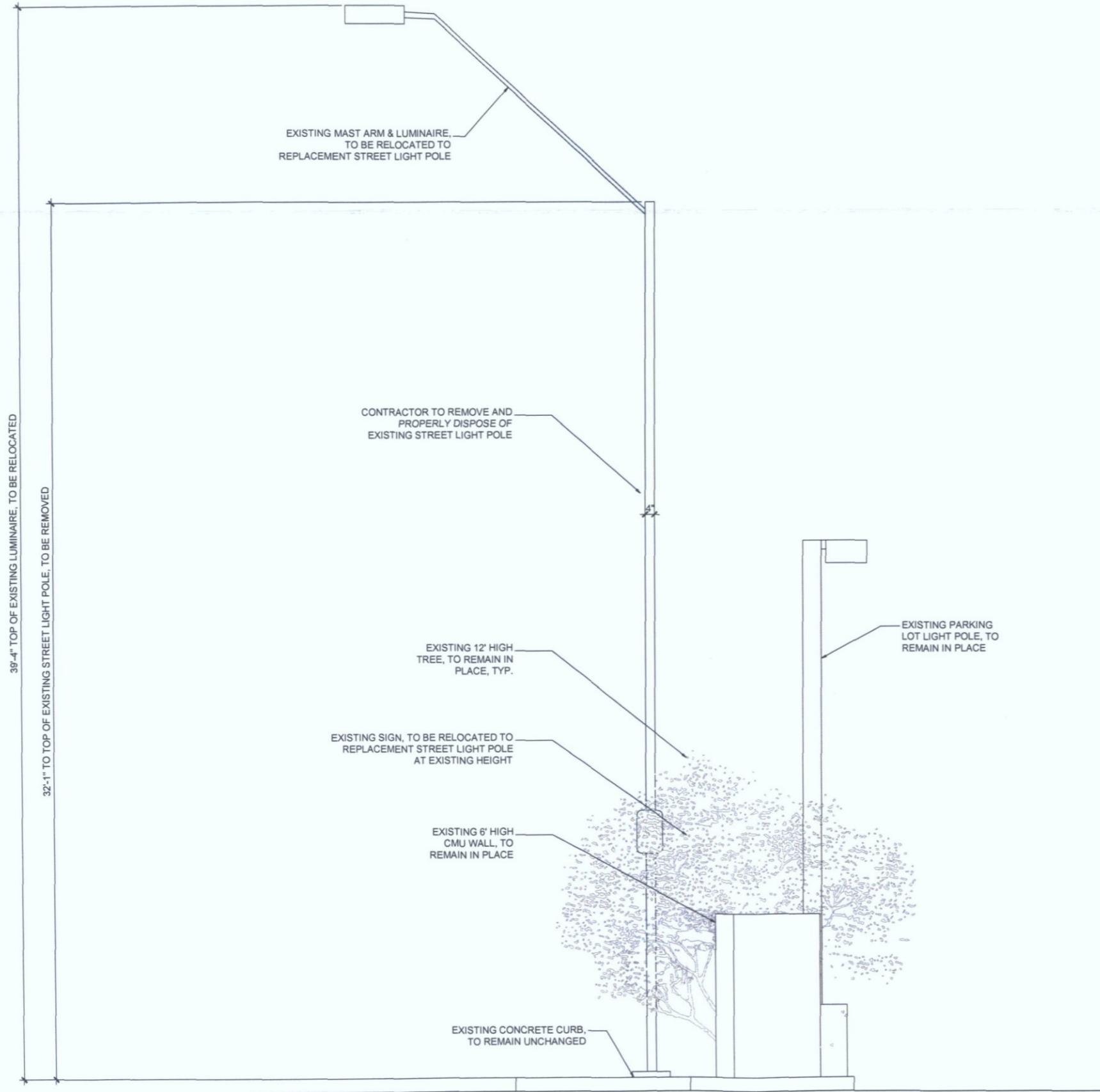
JURISDICTION APPROVAL

STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED

12-15-16
 DATE

KN
 INITIALS

SHEET NUMBER
 Z-4



EXISTING MAST ARM & LUMINAIRE,
TO BE RELOCATED TO
REPLACEMENT STREET LIGHT POLE

CONTRACTOR TO REMOVE AND
PROPERLY DISPOSE OF
EXISTING STREET LIGHT POLE

EXISTING 12' HIGH
TREE, TO REMAIN IN
PLACE, TYP.

EXISTING SIGN, TO BE RELOCATED TO
REPLACEMENT STREET LIGHT POLE
AT EXISTING HEIGHT

EXISTING 6' HIGH
CMU WALL, TO
REMAIN IN PLACE

EXISTING CONCRETE CURB,
TO REMAIN UNCHANGED

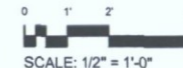
EXISTING PARKING
LOT LIGHT POLE, TO
REMAIN IN PLACE

39'-4" TOP OF EXISTING LUMINAIRE, TO BE RELOCATED

32'-1" TO TOP OF EXISTING STREET LIGHT POLE, TO BE REMOVED

1 EXISTING SOUTH ELEVATION

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



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

CLIENT

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126 W. GEMINI DR.
TEMPE, AZ 85283

INTERNAL REVIEW	DATE
CONSTRUCTION SIGNATURE	
RF SIGNATURE	
FACILITIES SIGNATURE	
REAL ESTATE SIGNATURE	

PLANS PREPARED BY

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RONALD C. YOUNG, P.E.
STATE OF ARIZONA U.S.A.
EXP. 12/31/16

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ARCHITECTS JOB NO.
YDC-6153

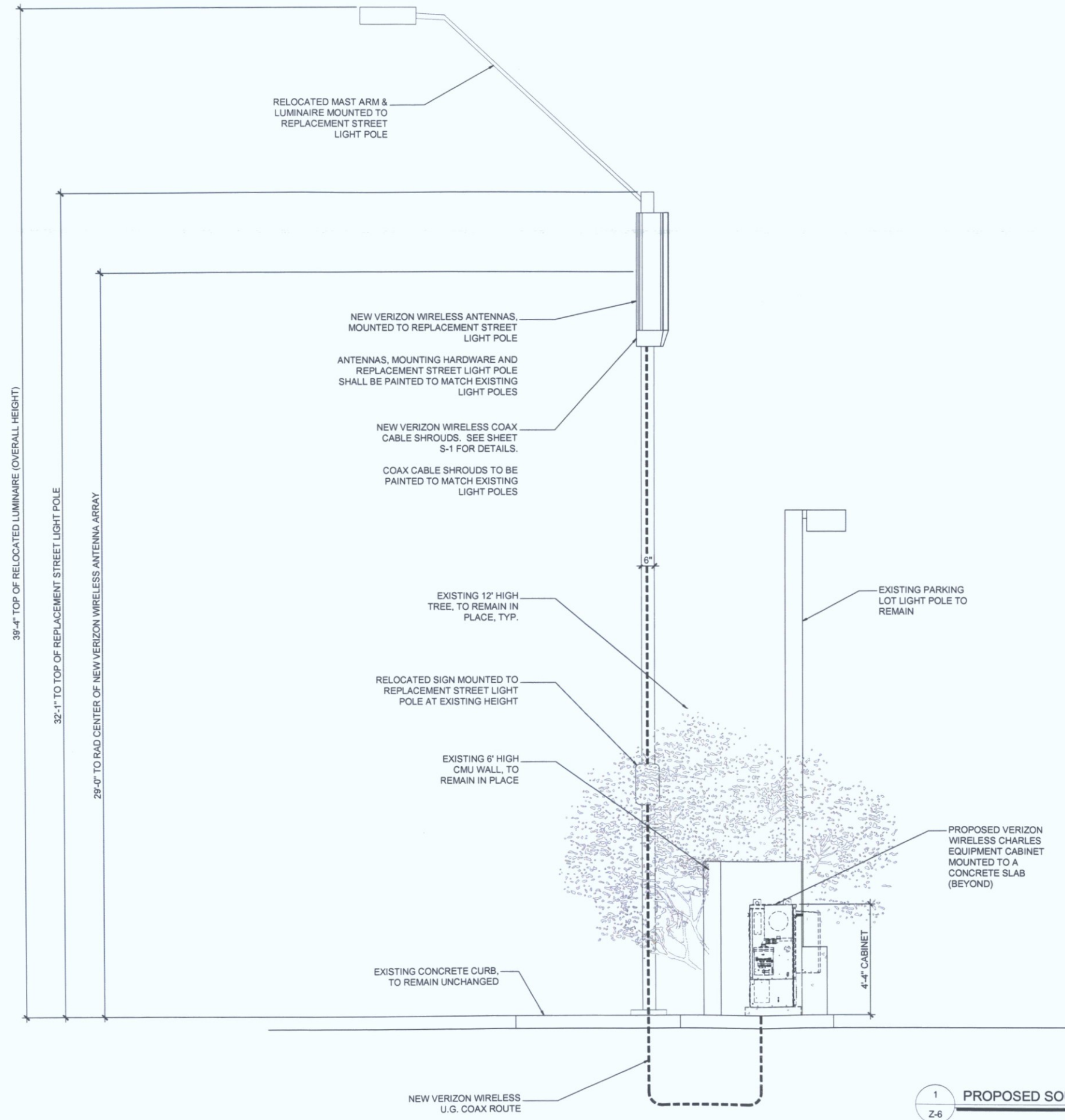
PROJECT INFORMATION

PHO_ZUZU-VALLEYHO_SC
6850 E. MAIN STREET
SCOTTSDALE, AZ 85251

SHEET TITLE
ELEVATIONS

JURISDICTION APPROVAL

SHEET NUMBER
Z-5



**STIPULATION SET
RETAIN FOR RECORDS
APPROVED**

12-15-16 **KN**
DATE INITIALS

1 PROPOSED SOUTH ELEVATION
Z-6

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

CLIENT

verizon wireless
126 W. GEMINI DR.
TEMPE, AZ 85283


INTERNAL REVIEW	DATE
CONSTRUCTION SIGNATURE	
RF SIGNATURE	
FACILITIES SIGNATURE	
REAL ESTATE SIGNATURE	

PLANS PREPARED BY

young design corp

architecture / project management
10245 E. Via Linda, Scottsdale, AZ 85258
ph: 480 451 9609 fax: 480 451 9608
e mail: corporate@ydcoffice.com

SEAL


 10382
 RONALD C. YOUNG, P.E.
 REGISTERED PROFESSIONAL ENGINEER
 ARIZONA U.S.A.
 EXP. 12/31/16

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NO.	DATE	DESCRIPTION
0	8/24/2016	PRELIM REVIEW

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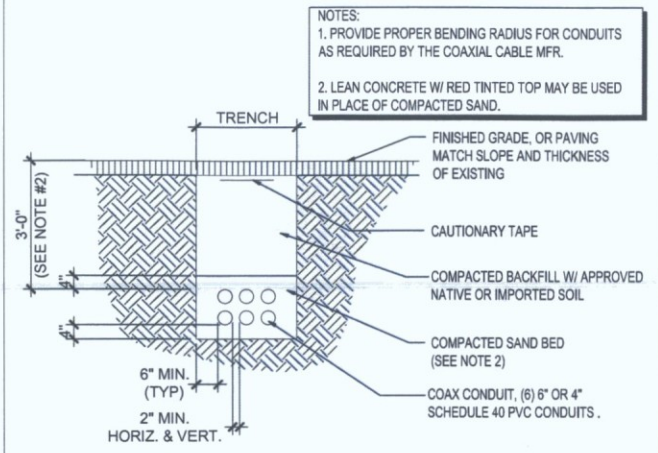
**VERIZON WIRELESS
ONLY**

8" WIDE X 4" HIGH SIGN WITH WHITE LETTERS ON RED BACKGROUND.

**IN CASE OF
EMERGENCY
CALL
800-264-6620**

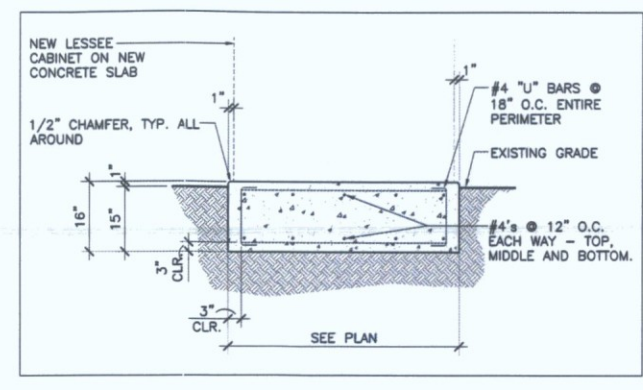
9" WIDE X 7-1/4" HIGH SIGN WITH BLACK LETTERS ON WHITE BACKGROUND.

5 EMERGENCY PLAQUE DETAIL
Z-7 SCALE: N.T.S.

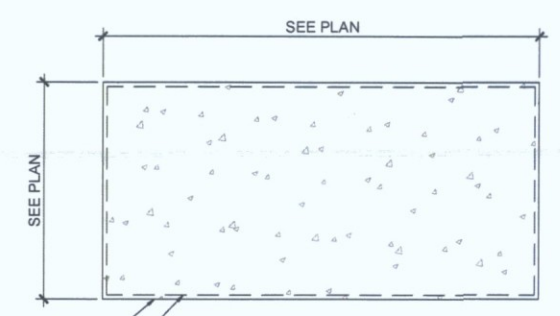


4 COAX TRENCH DETAIL
Z-7 SCALE: 1/2" = 1'-0"

- * NOTE: CONTRACTOR TO VERIFY DIMENSIONS WITH CABINET MANUFACTURER
- NOTE: FINISH SLAB ELEVATION TO BE 1" ABOVE HIGHEST ADJACENT GRADE.
- NOTE: ATTACH CABINET PER MANUFACTURER'S RECOMMENDATIONS.

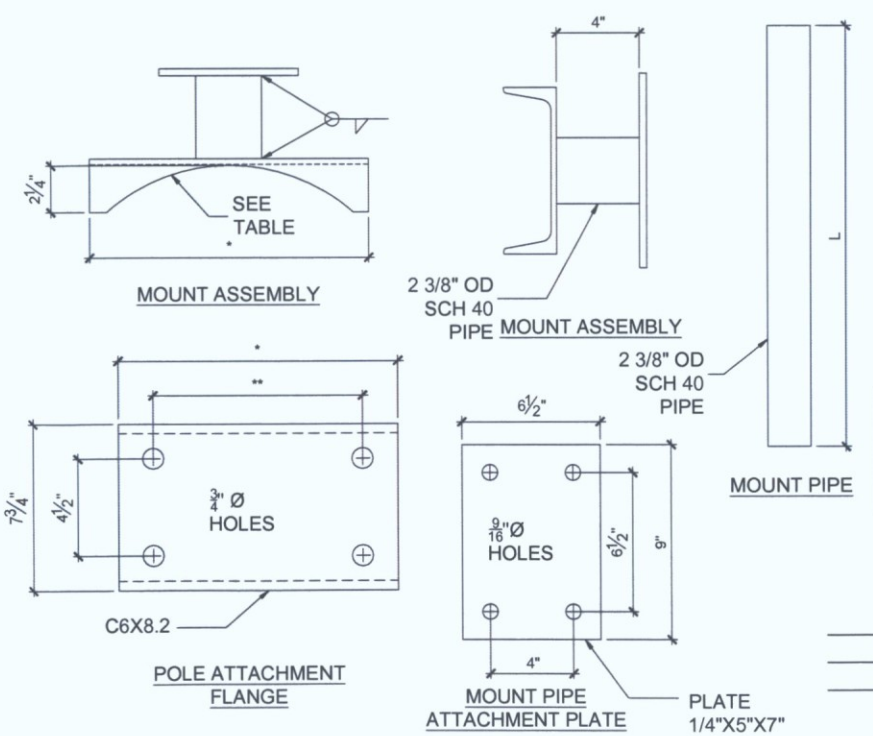


CABINET SLAB DETAIL



CABINET SLAB PLAN

3 CABINET SLAB
Z-7 SCALE: 1/2" = 1'-0"



2 ANTENNA MOUNT DETAILS
Z-7 SCALE: N.T.S.

PIPE SIZE	*	**	***
6 5/8" O.D.	10"	7 1/2"	12"
8 3/8" O.D.	12"	9 1/2"	14"
10 3/4" O.D.	15"	11 7/8"	16"
12 3/4" O.D.	17"	13 3/8"	18"

- SUPPLY**
- 5/8" HDG ALLTHREAD x ***
 - 1/2" U-BOLT (HDG) FOR 2 3/8" O.D.
 - (L) - 2 3/8" O.D. SCH. 40 PIPE



1 CABINET DETAILS
Z-7 SCALE: N.T.S.

CLIENT

**126 W. GEMINI DR.
TEMPE, AZ 85283**

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SHEET TITLE
DETAILS

JURISDICTION APPROVAL

SHEET NUMBER
Z-7