

PROJECT SUMMARY



| | |
|--------------------|---|
| SITE NAME: | PHO GLENARM |
| SITE ADDRESS: | 10045 W. THOMAS RD. AVONDALE, AZ 85392 |
| JURISDICTION: | CITY OF AVONDALE |
| COUNTY: | MARICOPA |
| ZONING: | SUD |
| PROPERTY OWNER: | DIOCESE OF PHOENIX CATHOLIC CEMETERIES |
| PHONE: | (602) 267-1329 |
| APPLICANT: | SBA TOWERS, INC. 5900 BROKEN SOUND PARKWAY BOCA RATON, FL 33487-2797 OFFICE: (561) 226-9523 FAX: (561) 226-3572 |
| GLENN BAILY | (561) 226-9499 |
| SITE COORDINATES: | 2C/1A |
| LATITUDE: | 33° 28' 32.8" N (NAD 83) |
| LONGITUDE: | 112° 16' 31.7" W (NAD 83) |
| ELEVATION: | 1026.5' (AMSL) (NAVD 88) |
| OCCUPANCY: | UNMANNED |
| CONSTRUCTION TYPE: | RAW LAND |

CONSULTING TEAM

| |
|--|
| ARCHITECTURAL – ENGINEERING FIRM: SIINO DESIGN, LLC 16616 EAST PALISADES BOULEVARD SUITE #102 FOUNTAIN HILLS, ARIZONA 85268 CONTACT: CHRISTOPHER M. SIINO, MS, PMP PHONE: (480) 836-1701 FAX: (480) 836-1004 |
| SURVEYING FIRM: 410 EAST SOUTHERN AVENUE TEMPE, ARIZONA 85282 (480)659-4072 CONTACT: MATTHEW FORD PHONE: (602) 463-0472 |
| ELECTRICAL ENGINEER: ASEI ENGINEERING 4527 NORTH 16TH STREET SUITE #105 PHOENIX, AZ 85016 CONTACT: MANNY ESCOBAR OFFICE: (602) 287-0300 x229 |
| POWER COMPANY: SRP P.O. BOX 52025 PHOENIX, AZ 85072 CONTACT: MONICA DAME PHONE: (602) 236-6340 |
| TELEPHONE COMPANY: CENTURYLINK PHONE: (800) 475-7526 |

PROJECT DESCRIPTION

INSTALLATION OF NEW 67' TALL MONOPINE WITH (12) NEW ANTENNAS, (12) RRHs, (3) J-BOX, AND A NEW COMMSCOPE CABINETS WITH EMERGENCY BACK-UP GENERATOR WITHIN A 10' CMU WALLED ENCLOSURE.

SPECIAL INSPECTIONS REQUIRED

| | |
|-----------------------|------------------|
| DRILLED CAISSON: | YES (PERIODIC) |
| CONCRETE REINFORCING: | YES (CONTINUOUS) |
| BOLTS IN CONCRETE: | YES (CONTINUOUS) |
| MASONRY CONSTRUCTION: | YES (PERIODIC) |
| STEEL CONSTRUCTION: | N/A |

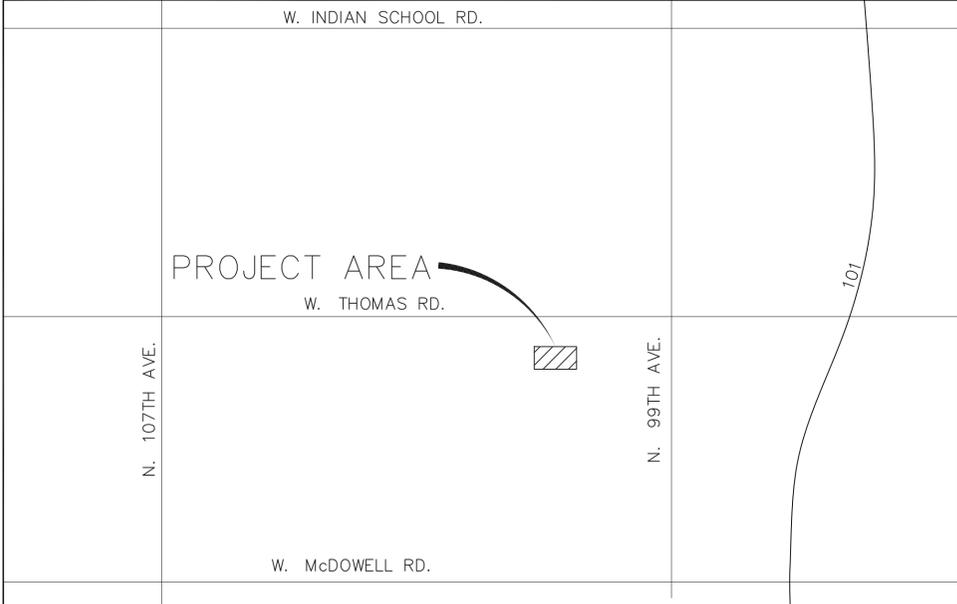
SITE NAME
PHO GLENARM

SITE I.D.
NBS-00006-N

E911 ADDRESS
10045 W. THOMAS RD.
AVONDALE, AZ 85392

PROJECT TYPE
62' MONOPINE, HEIGHT NOT TO EXCEED 67'

VICINITY MAP



DRIVING DIRECTIONS

FROM LOCAL CITY OR NEAREST MAJOR HIGHWAY INTERSECTION:
DEPART 126 W GEMINI DR, TEMPE, AZ 85283; HEAD WEST ON W. GEMINI DR TOWARD S. ASH AVE, TURN LEFT ONTO S. ASH AVE, TURN RIGHT ONTO W. GUADALUPE RD., TAKE THE 1ST RIGHT ONTO S. KYRENE RD., TURN LEFT ONTO W. BASELINE RD., TURN RIGHT ONTO I-10 W. TOWARD PHOENIX/US-60 W., STAY ON I-10 FOR 15.7 MILES THEN TAKE EXIT 133B FOR AZ-101 LOOP N., TAKE EXIT 3 FOR THOMAS RD., TURN LEFT ONTO W. THOMAS RD. (DESTINATION WILL BE ON THE LEFT).

CODE COMPLIANCE

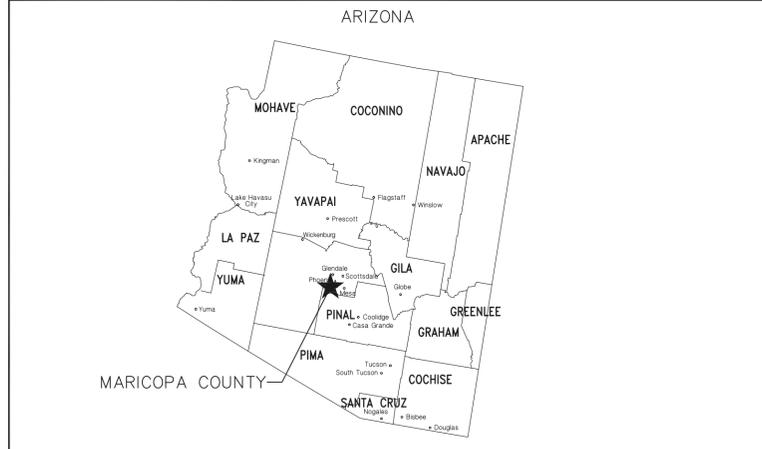
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 2012 INTERNATIONAL BUILDING CODE (IBC)
- ANSI/EIA-222-G STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES & ANTENNAS
- 2011 NATIONAL ELECTRICAL CODE (NEC)

SHEET INDEX

| NO. | DESCRIPTION |
|------|-----------------------|
| T-1 | TITLE SHEET |
| LS-1 | SITE SURVEY |
| LS-2 | SITE SURVEY |
| LS-3 | SITE SURVEY |
| C-1 | OVERALL SITE PLAN |
| C-2 | SITE GRADING PLAN |
| C-3 | ENLARGED SITE PLAN |
| C-4 | ANTENNA CONFIGURATION |
| C-5 | ELEVATIONS |

STATE COUNTY MAP



ENGINEER'S LICENSE

I CERTIFY THAT THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CONTROL AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE REQUIREMENTS OF THE ARIZONA BUILDING CODE, 2012 EDITION.

LICENSED ENGINEER – STATE OF ARIZONA

06/30/18 EXPIRES: *Kary J. J.* 3/10/16 SIGNED:

APPROVALS

| | |
|----------|------|
| LANDLORD | DATE |
|----------|------|

ACCESS DISCLAIMER

THE NEW PROJECT IS AN UNOCCUPIED TELECOM FACILITY AND IS NOT TO BE ACCESSED BY THE GENERAL PUBLIC. THIS FACILITY IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS PER IBC 1103.2 9 LISTED AS AN EQUIPMENT SPACE.

BLUE STAKE!

Two working days before you dig, CALL FOR THE BLUE STAKE!

1 (602) 263-1100 or
1 (800) STAKE-IT (782-5348)
(OUTSIDE MARICOPA COUNTY)

126 WEST GEMINI DRIVE
TEMPE, ARIZONA 85293
PHONE: (480) 752-7238

16616 EAST PALISADES BLVD,
UNIT # 102
FOUNTAIN HILLS, ARIZONA 85268
PHONE: (480) 836-1701
FAX: (480) 836-1004
www.siinodesign.com

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

| | |
|----------------|-----|
| A&E PROJECT #: | TBD |
| DRAWN BY: | JN |
| CHECKED BY: | YJ |

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|----------|-----------------------|
| D | 3/10/16 | OWNER COMMENTS |
| C | 1/21/16 | RE-DESIGN SITE LAYOUT |
| B | 1/18/16 | CITY COMMENTS |
| A | 11/09/15 | REVIEW CD |

PROJECT No.

TBD

SITE NAME:

PHO GLENARM

SITE NUMBER:

NBS-00006-N

SITE ADDRESS:

10045 W. THOMAS RD.
AVONDALE, AZ 85392

DESIGN TYPE:

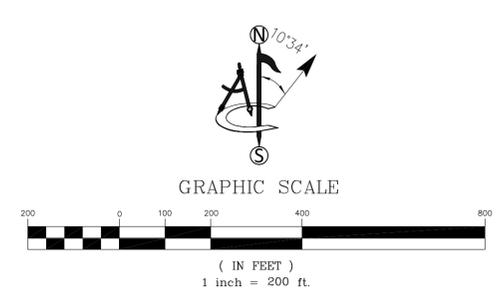
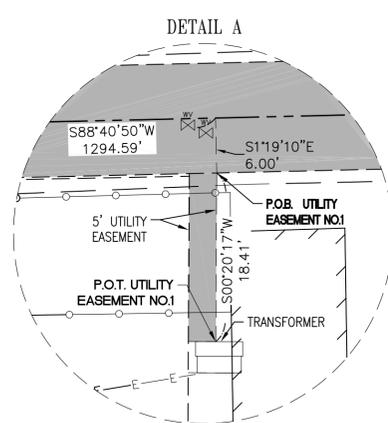
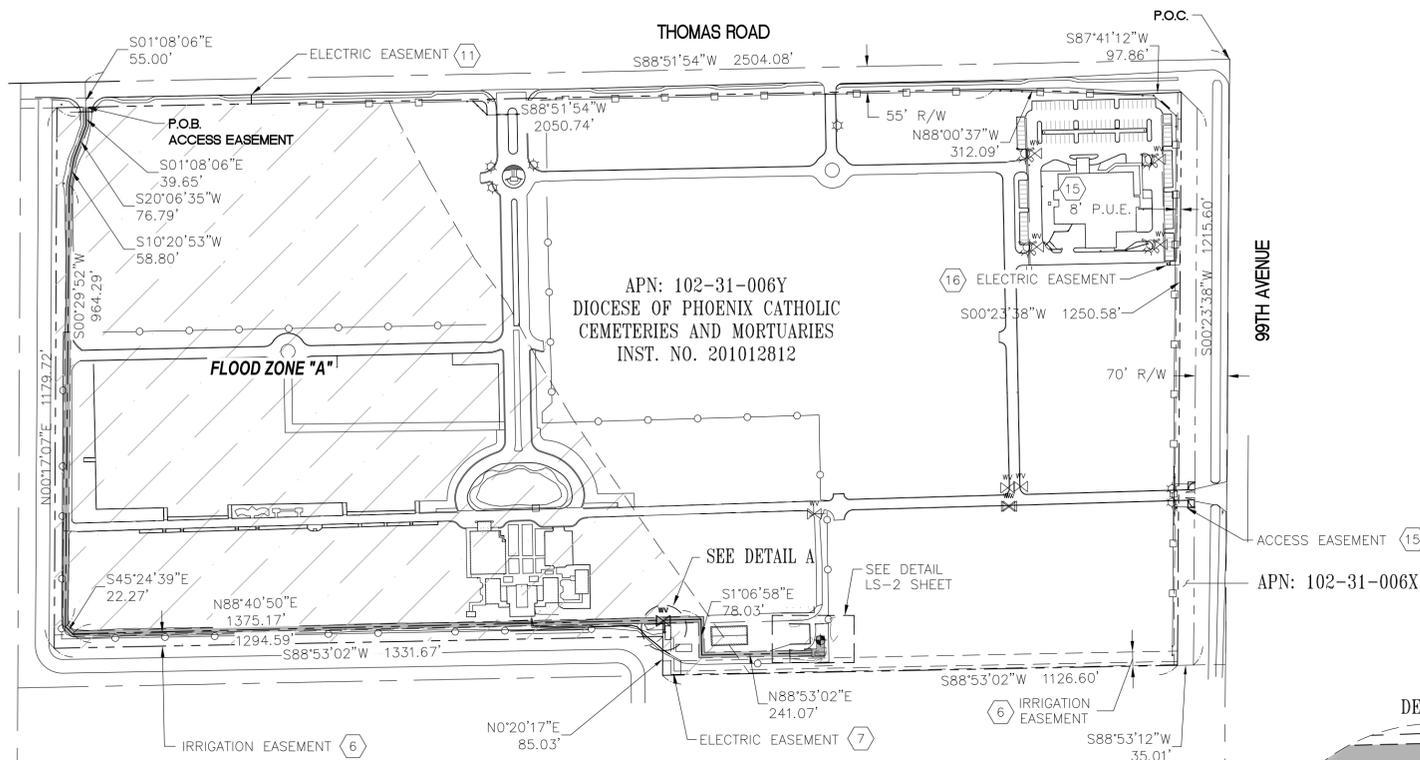
RAW LAND

SHEET TITLE:

TITLE SHEET

SHEET NO. REVISION:

T-1 D



SURVEY DATE
05/22/2015

BASIS OF BEARING
BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM ARIZONA STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.

BENCHMARK
PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS 'GEOID 12A' MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE 'SMARTNET' REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88.

UTILITY NOTES
SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS ARE DEFINITE. 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.

SURVEYOR'S NOTES
SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE ISSUED. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

FLOOD ZONE
THIS PROJECT APPEARS TO BE LOCATED WITHIN FLOOD ZONE "A". AREAS DETERMINED TO BE HIGH FLOOD RISK. BASE FLOOD ELEVATIONS HAVE NOT BEEN DETERMINED. FLOOD INSURANCE IS MANDATORY AND LOCAL FLOODPLAIN DEVELOPMENT CODES APPLY. THESE PROPERTIES HAVE A 1 PERCENT ANNUAL CHANCE OF FLOODING AND A 26 PERCENT CHANCE OF FLOODING OVER THE LIFE OF A 30-YEAR MORTGAGE. ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S), MAP ID #04013C2160L, DATED 10/16/2013.

ACCESS AND UTILITY EASEMENT LEGAL DESCRIPTION

A PORTION OF THE NORTH HALF OF THE NORTH HALF OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, BEING A 12.00 FOOT WIDE STRIP, LYING 6.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING THE NORTHEAST CORNER OF SAID SECTION;
THENCE ALONG THE NORTH LINE THEREOF, SOUTH 88° 51' 54" WEST, 2504.08 FEET;
THENCE DEPARTING SAID NORTH LINE, SOUTH 01° 08' 06" EAST, 55.00 FEET TO THE POINT OF BEGINNING;

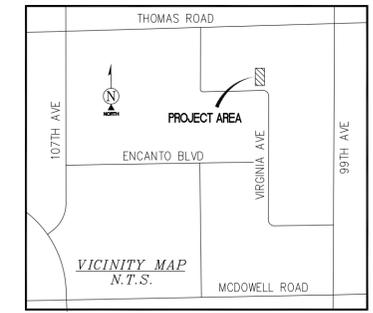
THENCE SOUTH 01° 08' 06" EAST, 39.65 FEET;
THENCE SOUTH 20° 06' 35" WEST, 76.79 FEET;
THENCE SOUTH 10° 20' 53" WEST, 58.80 FEET;
THENCE SOUTH 00° 29' 52" WEST, 964.29 FEET;
THENCE SOUTH 45° 24' 39" EAST, 22.27 FEET;
THENCE NORTH 88° 40' 50" EAST, 1375.17 FEET;
THENCE SOUTH 01° 06' 58" EAST, 78.03 FEET;
THENCE NORTH 88° 53' 02" EAST, 241.07 TO THE POINT OF TERMINUS.

THE SIDELINES OF SAID EASEMENT ARE TO INTERSECT AT ALL ANGLE POINTS TO PROVIDE THE SPECIFIED WIDTH THROUGHOUT.

| LINE# | LENGTH | DIRECTION |
|-------|--------|-----------|
|-------|--------|-----------|

DIRECTIONS TO SITE

FROM THE VERIZON OFFICES IN TEMPE TAKE INTERSTATE 10 WEST TO THE 99TH AVENUE EXIT. TAKE 99TH AVENUE NORTH TO THE SITE AT THE SOUTHWEST CORNER OF THOMAS ROAD AND 99TH AVENUE.



LESSOR'S LEGAL DESCRIPTION

THE NORTH HALF OF THE NORTH HALF OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN; AND

EXCEPT THE WEST 80 FEET OF THE NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 32; AND EXCEPT THE SOUTH 85 FEET OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 32; AND EXCEPT THAT PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 32 LYING WITHIN THE RIGHT-OF-WAY OF THE ROOSEVELT IRRIGATION DISTRICT CANAL; AND EXCEPT THE NORTH 55 FEET THEREOF; AND EXCEPT THE EAST 55 FEET THEREOF; AND EXCEPT THE WEST 55 FEET THEREOF; AND EXCEPT A PORTION OF THE NORTH HALF OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT ON THE WEST LINE OF SAID SECTION 32, FROM WHICH POINT THE NORTHWEST CORNER OF SAID SECTION 32 BEARS NORTH 00 DEGREES 11 MINUTES 59 SECONDS EAST, A DISTANCE OF 1,320.12 FEET, AND FROM WHICH POINT THE WEST QUARTER CORNER OF SAID SECTION 32 BEARS SOUTH 00 DEGREES 11 MINUTES 59 SECONDS WEST, A DISTANCE OF 1,320.12 FEET;

THENCE FROM SAID POINT NORTH 88 DEGREES 54 MINUTES 21 SECONDS EAST, ALONG THE NORTH SIXTEENTH LINE, A DISTANCE OF 55.01 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 00 DEGREES 11 MINUTES 59 SECONDS EAST, ALONG THE EAST LINE OF THE 55 FOOT RIGHT OF WAY OF 107TH AVENUE, A DISTANCE OF 600.10 FEET;
THENCE NORTH 88 DEGREES 54 MINUTES 51 SECONDS EAST, A DISTANCE OF 655.14 FEET;
THENCE NORTH 00 DEGREES 11 MINUTES 59 SECONDS EAST, A DISTANCE OF 665.00 FEET;
THENCE NORTH 88 DEGREES 54 MINUTES 51 SECONDS EAST, ALONG THE SOUTH LINE OF THE 55 FOOT RIGHT OF WAY FOR THOMAS ROAD, A DISTANCE OF 1,935.13 FEET TO A POINT ON THE MIDSECTION LINE, FROM WHICH POINT THE NORTH QUARTER CORNER BEARS NORTH 00 DEGREES 17 MINUTES 07 SECONDS EAST, A DISTANCE OF 55.02 FEET;
THENCE FROM SAID POINT NORTH 88 DEGREES 51 MINUTES 53 SECONDS EAST, ALONG THE SAID SOUTH RIGHT OF WAY LINE OF THOMAS ROAD, A DISTANCE OF 15.00 FEET;
THENCE SOUTH 00 DEGREES 17 MINUTES 07 SECONDS WEST, ALONG THE ROOSEVELT IRRIGATION DISTRICT RIGHT OF WAY AND PARALLEL WITH THE MIDSECTION LINE, A DISTANCE OF 1,179.74 FEET;
THENCE SOUTH 88 DEGREES 52 MINUTES 52 SECONDS WEST, A DISTANCE OF 15.00 FEET;
THENCE SOUTH 00 DEGREES 17 MINUTES 07 SECONDS WEST, ALONG THE MIDSECTION LINE A DISTANCE OF 85.03 FEET TO A POINT ON THE NORTH SIXTEENTH LINE FROM WHICH POINT THE CENTER OF SAID SECTION 32 BEARS SOUTH 00 DEGREES 17 MINUTES 07 SECONDS WEST, A DISTANCE OF 1,519.78 FEET;
THENCE FROM SAID POINT SOUTH 88 DEGREES 54 MINUTES 21 SECONDS WEST, ALONG THE NORTH SIXTEENTH LINE A DISTANCE OF 2,588.39 FEET TO THE TRUE POINT OF BEGINNING; AND

EXCEPT A PORTION OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT ON THE WEST LINE OF SAID SECTION 32, FROM WHICH POINT THE NORTHWEST CORNER OF SAID SECTION 32 BEARS NORTH 00 DEGREES 11 MINUTES 59 SECONDS EAST, A DISTANCE OF 1,320.12 FEET, AND FROM WHICH POINT THE WEST QUARTER CORNER OF SAID SECTION 32 BEARS SOUTH 00 DEGREES 11 MINUTES 59 SECONDS WEST, A DISTANCE OF 1,320.12 FEET;

THENCE FROM SAID POINT NORTH 88 DEGREES 54 MINUTES 21 SECONDS EAST ALONG THE NORTH SIXTEENTH LINE, A DISTANCE OF 55.01 FEET;
THENCE NORTH 00 DEGREES 11 MINUTES 59 SECONDS EAST, ALONG THE EAST LINE OF THE 55 FOOT RIGHT OF WAY OF 107TH AVENUE, A DISTANCE OF 600.10 FEET TO THE TRUE POINT OF BEGINNING;

THENCE CONTINUING NORTH 00 DEGREES 11 MINUTES 59 SECONDS EAST, ALONG SAID LINE, A DISTANCE OF 665.00 FEET;
THENCE NORTH 88 DEGREES 54 MINUTES 51 SECONDS EAST, ALONG THE SOUTH LINE OF THE 55 FOOT RIGHT OF WAY FOR THOMAS ROAD, A DISTANCE OF 655.14 FEET;
THENCE SOUTH 00 DEGREES 11 MINUTES 59 SECONDS WEST, A DISTANCE OF 665.00 FEET;
THENCE SOUTH 88 DEGREES 54 MINUTES 51 SECONDS WEST, A DISTANCE OF 655.14 FEET TO THE TRUE POINT OF BEGINNING; AND

EXCEPT TRACT "A" AND TRACT "B" AS SHOWN ON MAP OF DEDICATION - HOLY CROSS CEMETERY RECORDED AS BOOK 1119 OF MAPS, PAGE 49, RECORDS OF MARICOPA COUNTY, ARIZONA.

SCHEDULE "B" NOTE

REFERENCE IS MADE TO THE TITLE REPORT ORDER #21502098, ISSUED BY GREAT AMERICAN TITLE AGENCY, DATED MAY 8, 2015. ALL EASEMENTS CONTAINED WITHIN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED.

NOTE: SCHEDULE "B" EXCEPTIONS 1-5, 8-10, 12-14 AND 17-20 HAVE NO AFFECT ON THE SURVEYED AREA OR ARE NOT PLOTTABLE.

- 6. AN EASEMENT FOR IRRIGATION DITCH AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN DOCKET 6127, PAGE 430 OF OFFICIAL RECORDS.
- 7. **PLOTTED** AN EASEMENT FOR UNDERGROUND ELECTRICAL CONDUIT AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN DOCKET 6281, PAGE 428 OF OFFICIAL RECORDS.

THEREAFTER SAID EASEMENT WAS SUPERSEDED AND REPLACED BY DOCUMENT RECORDED AS DOCKET 15717, PAGE 709 AND RECORDED AS 94-0082820 OF OFFICIAL RECORDS.

- 11. **PLOTTED** AN EASEMENT FOR ELECTRICAL POWER AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2003-0148644 OF OFFICIAL RECORDS.
- 15. **PLOTTED** ALL MATTERS AS SET FORTH IN MAP OF DEDICATION -HOLY CROSS CEMETERY RECORDED AS BOOK 1119 OF MAPS, PAGE 49 OF OFFICIAL RECORDS.
- 16. **PLOTTED** AN EASEMENT FOR POWER DISTRIBUTION AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 2012-1122046 OF OFFICIAL RECORDS.

THE SURVEYOR'S OPINION IS THAT NO SCHEDULE "B" ITEMS PROVIDED BY SAID REPORT AFFECT THE PROPOSED VERIZON WIRELESS PREMISES SHOWN HEREON.

CLIENT:
verizon
126 WEST GEMINI DRIVE
TEMPE, ARIZONA 85283
PHONE: (480) 752-7238

DESIGN MANAGEMENT PROFESSIONAL:
SD SiinoDesign

16616 EAST PALISADES BLVD, SUITE 102
FOUNTAIN HILLS, ARIZONA 85268
PHONE: (480) 836-1701
FAX: (480) 836-1004
www.sdilc.bz

SURVEYING CONSULTANT:
Ambit
412 EAST SOUTHERN AVENUE
TEMPE, ARIZONA 85282 (480)659-4072
DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY
CONSTRUCTION MANAGER
VERIZON WIRELESS RF ENGINEER
LANDLORD APPROVAL

DRAWN BY: DRH
CHECKED BY: MF

SCHEDULE OF REVISIONS

| NO | DATE | DESCRIPTION | BY |
|----|----------|---------------|----|
| 5 | 01/20/16 | REVISE LEASE | CK |
| 4 | 01/18/16 | ADD LS-3 | CK |
| 3 | 12/14/15 | CITY COMMENTS | CK |
| 2 | 07/13/15 | COMMENTS | MF |

SITE NAME:
PHO GLENARM
SITE ADDRESS:
**10045 W. THOMAS ROAD
AVONDALE, AZ 85392
MARICOPA COUNTY**

SEAL:

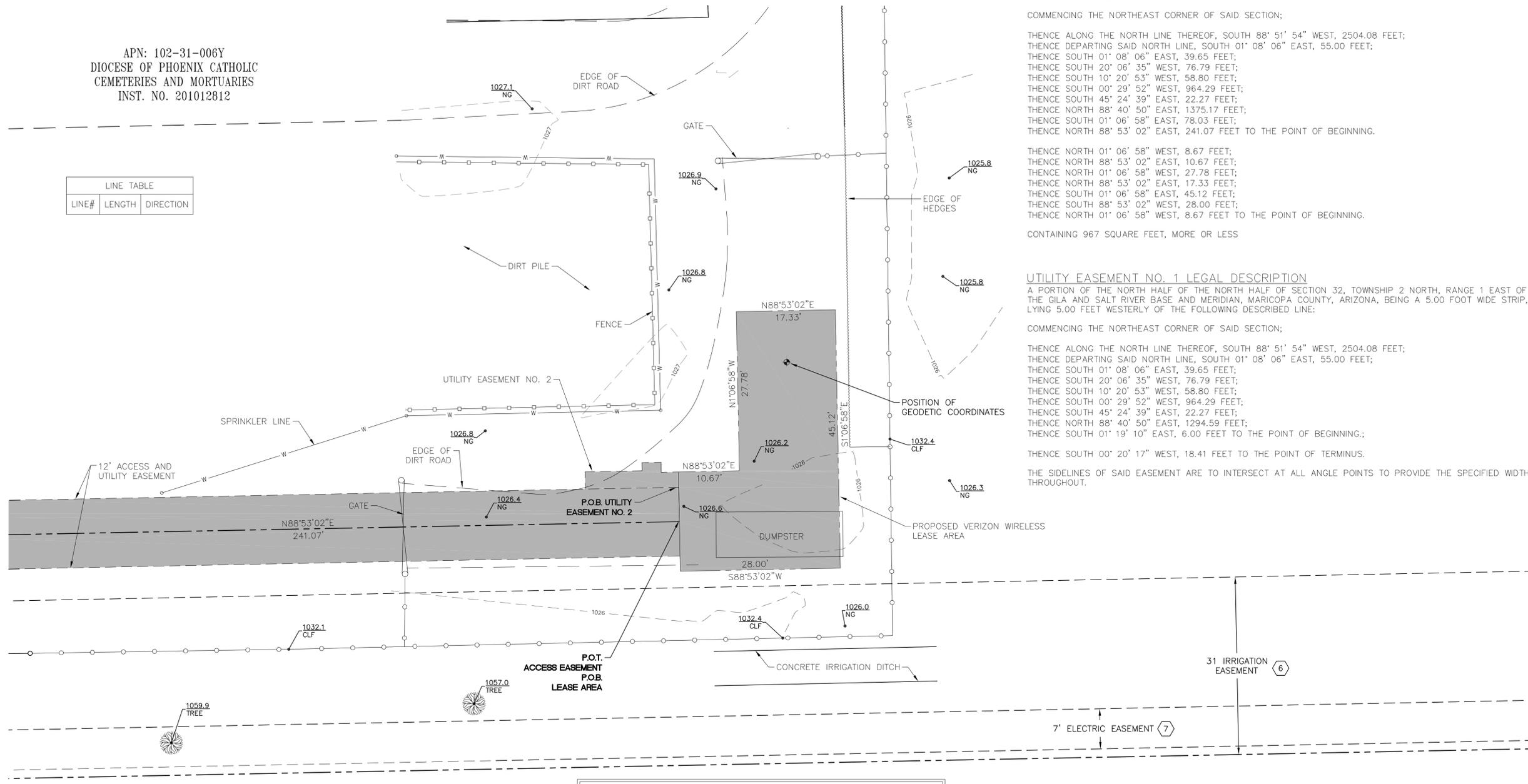
EXPIRES 12/31/17

SHEET TITLE:
SITE SURVEY

SHEET NUMBER:
LS-1

APN: 102-31-006Y
 DIOCESE OF PHOENIX CATHOLIC
 CEMETERIES AND MORTUARIES
 INST. NO. 201012812

| LINE TABLE | | |
|------------|--------|-----------|
| LINE# | LENGTH | DIRECTION |



LEASE AREA LEGAL DESCRIPTION
 A PORTION OF THE NORTH HALF OF THE NORTH HALF OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING THE NORTHEAST CORNER OF SAID SECTION;
 THENCE ALONG THE NORTH LINE THEREOF, SOUTH 88° 51' 54" WEST, 2504.08 FEET;
 THENCE DEPARTING SAID NORTH LINE, SOUTH 01° 08' 06" EAST, 55.00 FEET;
 THENCE SOUTH 01° 08' 06" EAST, 39.65 FEET;
 THENCE SOUTH 20° 06' 35" WEST, 76.79 FEET;
 THENCE SOUTH 10° 20' 53" WEST, 58.80 FEET;
 THENCE SOUTH 00° 29' 52" WEST, 964.29 FEET;
 THENCE SOUTH 45° 24' 39" EAST, 22.27 FEET;
 THENCE NORTH 88° 40' 50" EAST, 1375.17 FEET;
 THENCE SOUTH 01° 06' 58" EAST, 78.03 FEET;
 THENCE NORTH 88° 53' 02" EAST, 241.07 FEET TO THE POINT OF BEGINNING.

THENCE NORTH 01° 06' 58" WEST, 8.67 FEET;
 THENCE NORTH 88° 53' 02" EAST, 10.67 FEET;
 THENCE NORTH 01° 06' 58" WEST, 27.78 FEET;
 THENCE NORTH 88° 53' 02" EAST, 17.33 FEET;
 THENCE SOUTH 01° 06' 58" EAST, 45.12 FEET;
 THENCE SOUTH 88° 53' 02" WEST, 28.00 FEET;
 THENCE NORTH 01° 06' 58" WEST, 8.67 FEET TO THE POINT OF BEGINNING.
 CONTAINING 967 SQUARE FEET, MORE OR LESS

UTILITY EASEMENT NO. 1 LEGAL DESCRIPTION
 A PORTION OF THE NORTH HALF OF THE NORTH HALF OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, BEING A 5.00 FOOT WIDE STRIP, LYING 5.00 FEET WESTERLY OF THE FOLLOWING DESCRIBED LINE:

COMMENCING THE NORTHEAST CORNER OF SAID SECTION;
 THENCE ALONG THE NORTH LINE THEREOF, SOUTH 88° 51' 54" WEST, 2504.08 FEET;
 THENCE DEPARTING SAID NORTH LINE, SOUTH 01° 08' 06" EAST, 55.00 FEET;
 THENCE SOUTH 01° 08' 06" EAST, 39.65 FEET;
 THENCE SOUTH 20° 06' 35" WEST, 76.79 FEET;
 THENCE SOUTH 10° 20' 53" WEST, 58.80 FEET;
 THENCE SOUTH 00° 29' 52" WEST, 964.29 FEET;
 THENCE SOUTH 45° 24' 39" EAST, 22.27 FEET;
 THENCE NORTH 88° 40' 50" EAST, 1294.59 FEET;
 THENCE SOUTH 01° 19' 10" EAST, 6.00 FEET TO THE POINT OF BEGINNING.;

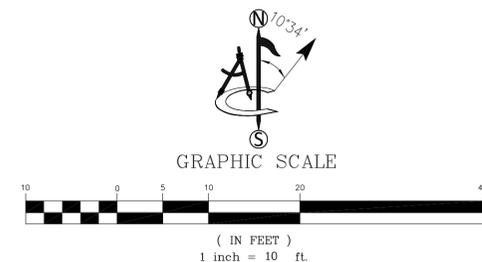
THENCE SOUTH 00° 20' 17" WEST, 18.41 FEET TO THE POINT OF TERMINUS.
 THE SIDELINES OF SAID EASEMENT ARE TO INTERSECT AT ALL ANGLE POINTS TO PROVIDE THE SPECIFIED WIDTH THROUGHOUT.

UTILITY EASEMENT NO. 2 LEGAL DESCRIPTION
 A PORTION OF THE NORTH HALF OF THE NORTH HALF OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING THE NORTHEAST CORNER OF SAID SECTION;
 THENCE ALONG THE NORTH LINE THEREOF, SOUTH 88° 51' 54" WEST, 2504.08 FEET;
 THENCE DEPARTING SAID NORTH LINE, SOUTH 01° 08' 06" EAST, 55.00 FEET;
 THENCE SOUTH 01° 08' 06" EAST, 39.65 FEET;
 THENCE SOUTH 20° 06' 35" WEST, 76.79 FEET;
 THENCE SOUTH 10° 20' 53" WEST, 58.80 FEET;
 THENCE SOUTH 00° 29' 52" WEST, 964.29 FEET;
 THENCE SOUTH 45° 24' 39" EAST, 22.27 FEET;
 THENCE NORTH 88° 40' 50" EAST, 1375.17 FEET;
 THENCE SOUTH 01° 06' 58" EAST, 78.03 FEET;
 THENCE NORTH 88° 53' 02" EAST, 241.07 FEET;
 THENCE NORTH 01° 06' 58" WEST, 6.00 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 88° 53' 02" WEST, 16.34 FEET;
 THENCE NORTH 01° 06' 58" EAST, 3.00 FEET;
 THENCE NORTH 88° 53' 02" EAST, 10.01 FEET;
 THENCE NORTH 01° 06' 58" WEST, 1.42 FEET;
 THENCE NORTH 88° 53' 02" EAST, 3.33 FEET;
 THENCE SOUTH 01° 06' 58" EAST, 1.75 FEET;
 THENCE NORTH 88° 53' 02" EAST, 3.00 FEET;
 THENCE SOUTH 01° 06' 58" EAST, 2.67 FEET TO THE POINT OF BEGINNING.

| LEGEND | | | |
|--------|--------------------------|--|----------------------------------|
| CO | CLEAN OUT | | POSITION OF GEODETIC COORDINATES |
| BLDG | TOP OF BUILDING | | SPOT ELEVATION |
| CLF | CHAIN LINK FENCE | | WATER CONTROL VALVE |
| ICV | IRRIGATION CONTROL VALVE | | TREES |
| CONC | CONCRETE | | LIGHT POLE |
| COND | CONDUIT | | |
| FC | FACE OF CURB | | |
| NG | NATURAL GRADE | | |
| R/W | RIGHT OF WAY | | |
| | CHAIN LINK FENCE | | |
| | WROUGHT IRON FENCE | | |
| | WOOD FENCE | | |
| | WATER LINES | | |
| | ELECTRIC LINES | | |
| | TELEPHONE LINES | | |
| | STREET CENTERLINES | | |
| | SUBJECT PROPERTY LINE | | |
| | ADJACENT PROPERTY LINE | | |
| | EASEMENT LINES | | |
| | TIE LINES | | |
| | LEASE AREA LIMITS | | |
| | MAJOR CONTOUR INTERVAL | | |
| | MINOR CONTOUR INTERVAL | | |



POSITION OF GEODETIC COORDINATES
 LATITUDE 33° 28' 32.8" NORTH (NAD83)
 LONGITUDE 112° 16' 31.7" WEST (NAD83)
 GROUND ELEVATION @ 1026.5' (NAVD88)

CLIENT:

verizon
 126 WEST GEMINI DRIVE
 TEMPE, ARIZONA 85283
 PHONE: (480) 752-7238

DESIGN MANAGEMENT PROFESSIONAL:

SD SiinoDesign

16616 EAST PALISADES BLVD, SUITE 102
 FOUNTAIN HILLS, ARIZONA 85268
 PHONE: (480) 836-1701
 FAX: (480) 836-1004
 www.sdlic.biz

SURVEYING CONSULTANT:

Ambit
 CONSULTING

412 EAST SOUTHERN AVENUE
 TEMPE, ARIZONA 85282 (480)659-4072

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: DRH

CHECKED BY: MF

SCHEDULE OF REVISIONS

| NO | DATE | DESCRIPTION | BY |
|----|----------|---------------|----|
| 5 | 01/21/16 | REVISE LEASE | CK |
| 4 | 01/18/16 | ADD LS-3 | CK |
| 3 | 12/14/15 | CITY COMMENTS | CK |
| 2 | 07/13/15 | COMMENTS | MF |

SITE NAME:
PHO GLENARM

SITE ADDRESS:
**10045 W. THOMAS ROAD
 AVONDALE, AZ 85392
 MARICOPA COUNTY**

SEAL:



SHEET TITLE:

SITE SURVEY

SHEET NUMBER:

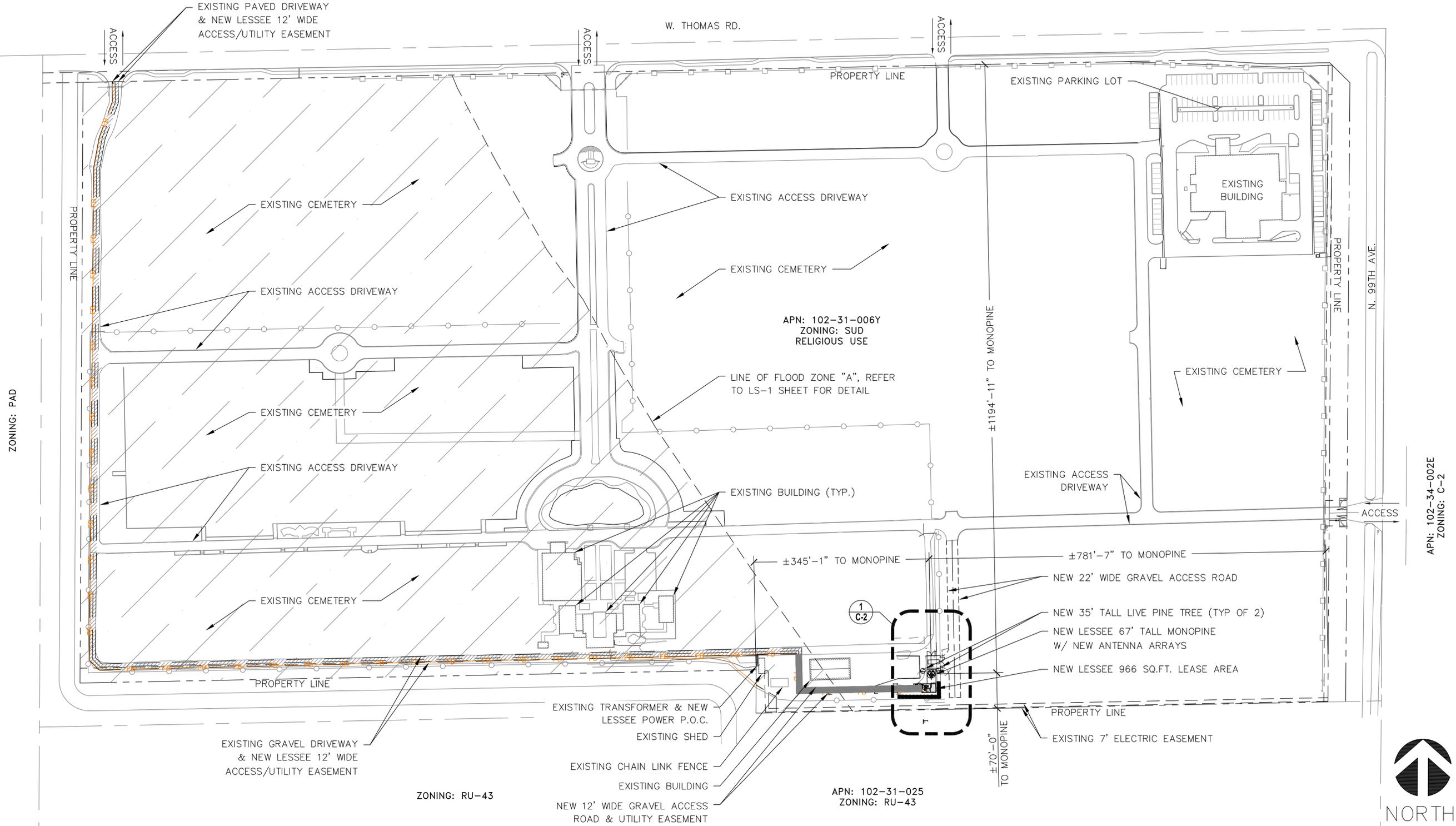
LS-2

| | |
|--|-------------|
| MONOPINESETBACK TO NEAREST RESIDENTIAL PROPERTY LINE | |
| NORTH: | ±1.37 MILES |
| SOUTH: | ±56'-5" |
| EAST: | ±3,634' |
| WEST: | ±1773'-10" |

LEGEND

- FIRE HYDRANT
- POWER POLE
- LIGHT POLE
- STREET LIGHT
- CMU WALLS
- CURBLINES
- GAS LINES
- OVERHEAD LINES
- ELECTRIC LINES
- CHAIN LINK FENCE
- WOOD OR IRON FENCE
- SEWER UTILITY MARKING
- WATER UTILITY MARKING

APN: 102-27-007H
ZONING: C-2



verizon

126 WEST GEMINI DRIVE
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PHONE: (480) 752-7238

SiinoDesign

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UNIT # 102
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| | |
|----------------|-----|
| A&E PROJECT #: | TBD |
| DRAWN BY: | JN |
| CHECKED BY: | YJ |

| REVISIONS | | |
|-----------|----------|-----------------------|
| NO. | DATE | DESCRIPTION |
| D | 3/10/16 | OWNER COMMENTS |
| C | 1/21/16 | RE-DESIGN SITE LAYOUT |
| B | 1/18/16 | CITY COMMENTS |
| A | 11/09/15 | REVIEW CD |

PROJECT No. TBD

SITE NAME: **PHO GLENARM**

SITE NUMBER: **NBS-00006-N**

SITE ADDRESS: **10045 W. THOMAS RD. AVONDALE, AZ 85392**

DESIGN TYPE: **RAW LAND**

SHEET TITLE: **OVERALL SITE PLAN**

| | |
|----------------------|--------------------|
| SHEET NO. C-1 | REVISION: D |
|----------------------|--------------------|





126 WEST GEMINI DRIVE
TEMPE, ARIZONA 85293
PHONE: (480) 752-7238



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| A&E PROJECT #: | TBD |
| DRAWN BY: | JN |
| CHECKED BY: | YJ |

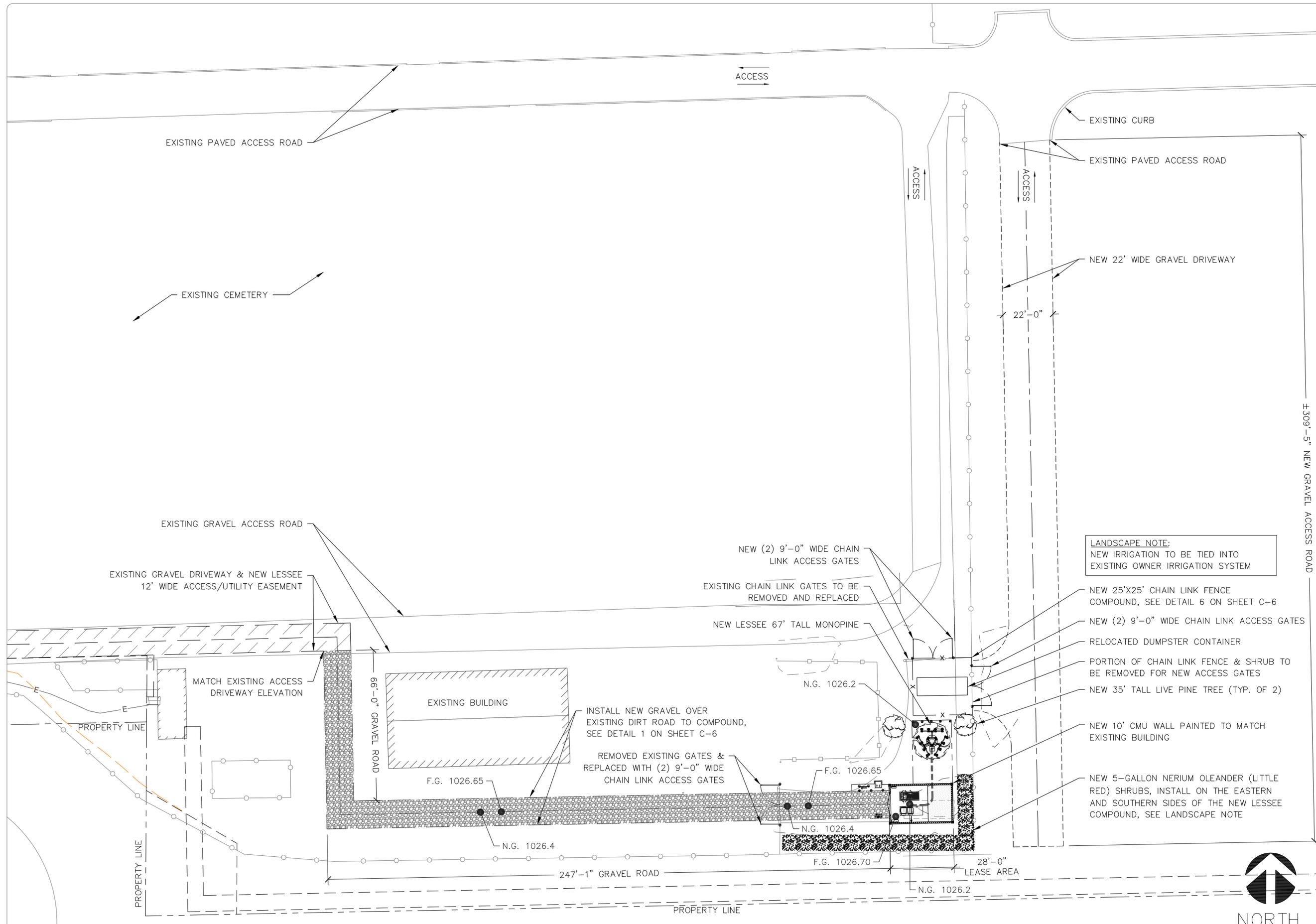
REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|----------|-----------------------|
| D | 3/10/16 | OWNER COMMENTS |
| C | 1/21/16 | RE-DESIGN SITE LAYOUT |
| B | 1/18/16 | CITY COMMENTS |
| A | 11/09/15 | REVIEW CD |

| | |
|---------------|---|
| PROJECT No. | TBD |
| SITE NAME: | PHO GLENARM |
| SITE NUMBER: | NBS-00006-N |
| SITE ADDRESS: | 10045 W. THOMAS RD. AVONDALE, AZ 85392 |
| DESIGN TYPE: | RAW LAND |

| | |
|--------------|-------------------|
| SHEET TITLE: | SITE GRADING PLAN |
|--------------|-------------------|

| | |
|-----------|-----------|
| SHEET NO. | REVISION: |
| C-2 | D |



LANDSCAPE NOTE:
NEW IRRIGATION TO BE TIED INTO EXISTING OWNER IRRIGATION SYSTEM



22"x34" SCALE: 1" = 20'-0"
11"x17" SCALE: 1" = 40'-0"
20' 10' 0' 20'

1 SITE GRADING PLAN

| | |
|--|-------------|
| MONOPINESETBACK TO NEAREST RESIDENTIAL PROPERTY LINE | |
| NORTH: | ±1.37 MILES |
| SOUTH: | ±70'-0" |
| EAST: | ±3,634' |
| WEST: | ±1773'-10" |

LEGEND

- FIRE HYDRANT
- POWER POLE
- LIGHT POLE
- STREET LIGHT
- CMU WALLS
- CURBLINES
- GAS LINES
- OVERHEAD LINES
- ELECTRIC LINES
- CHAIN LINK FENCE
- WOOD OR IRON FENCE
- SEWER UTILITY MARKING
- WATER UTILITY MARKING

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| A&E PROJECT #: | TBD |
| DRAWN BY: | JN |
| CHECKED BY: | YJ |

| REVISIONS | | |
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| NO. | DATE | DESCRIPTION |
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| B | 1/18/16 | CITY COMMENTS |
| A | 11/09/15 | REVIEW CD |

| | |
|---------------|---|
| PROJECT No. | TBD |
| SITE NAME: | PHO GLENARM |
| SITE NUMBER: | NBS-00006-N |
| SITE ADDRESS: | 10045 W. THOMAS RD. AVONDALE, AZ 85392 |
| DESIGN TYPE: | RAW LAND |

SHEET TITLE:
OVERALL SITE PLAN

| | |
|-----------|-----------|
| SHEET NO. | REVISION: |
| C-1 | D |

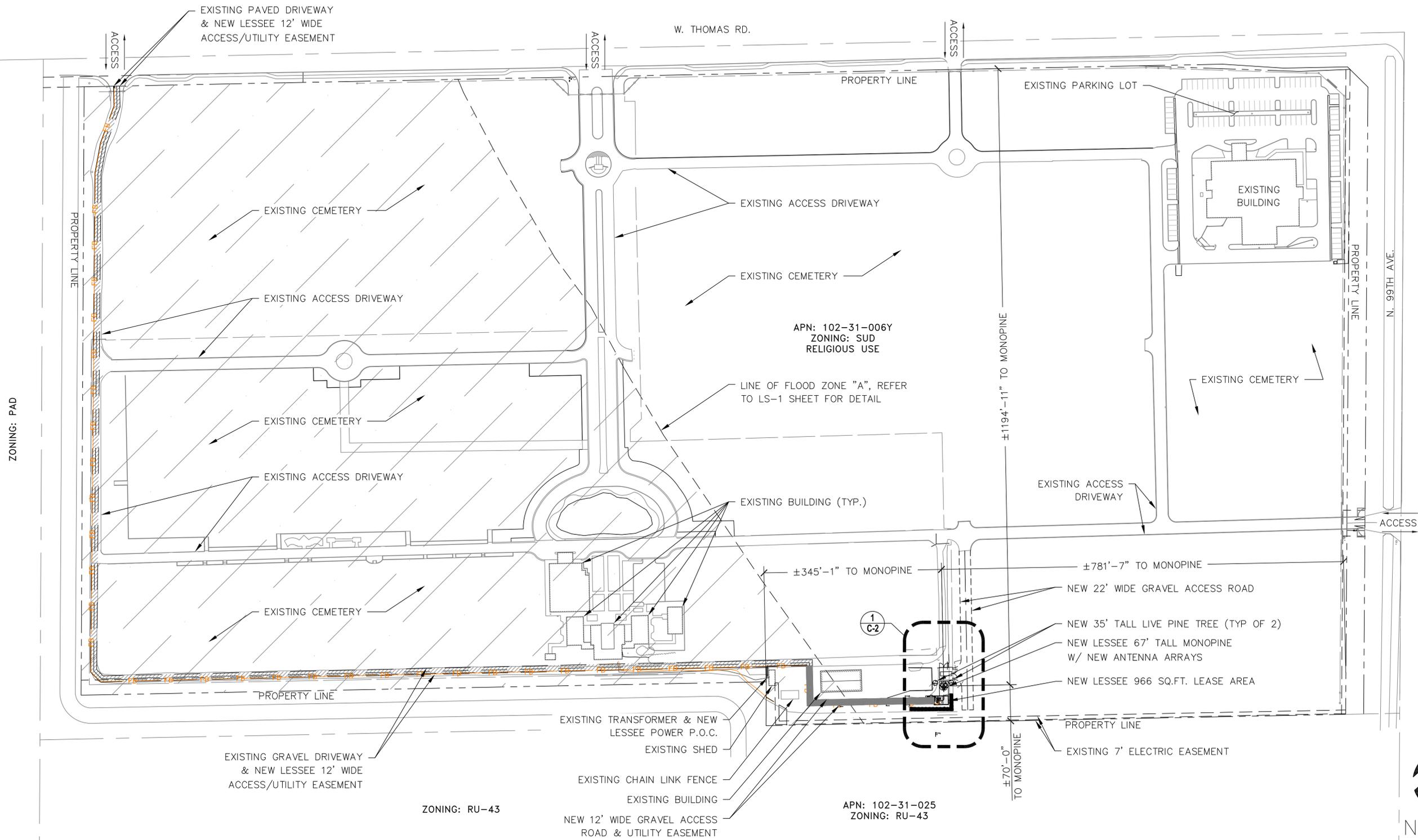
APN: 102-27-007H
ZONING: C-2

APN: 102-31-006Y
ZONING: SUD
RELIGIOUS USE

APN: 102-31-025
ZONING: RU-43

ZONING: RU-43

APN: 102-34-002E
ZONING: C-2



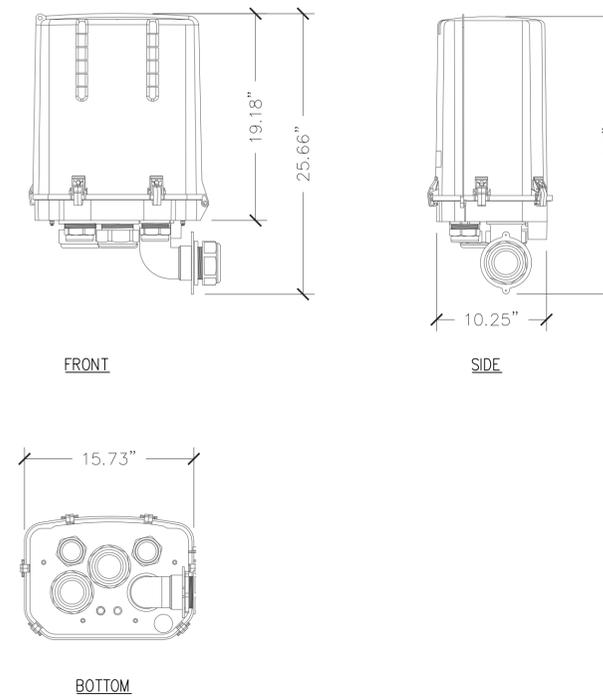
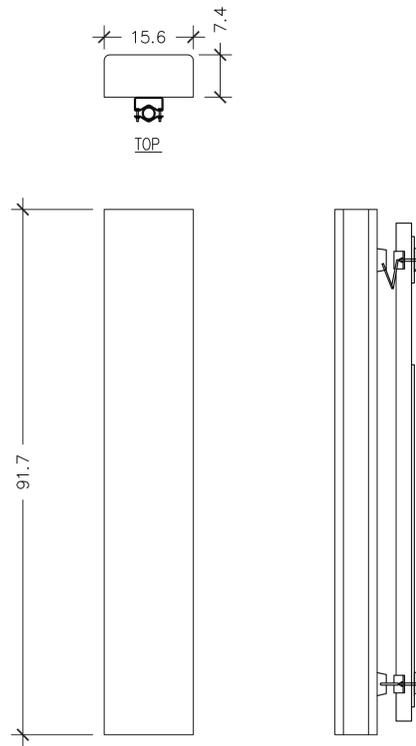
1 OVERALL SITE PLAN

22"x34" SCALE: 1" = 100'-0"
11"x17" SCALE: 1" = 200'-0"
100' 50' 0' 100'

NOTE:
CONTRACTOR TO VERIFY FOR FINAL RF DATA SHEETS WITH
CONSTRUCTION MANAGER PRIOR TO ANY CONSTRUCTION.

| NEW ANTENNA & HYBRID DC/FIBER TABLE | | | | | | | | |
|-------------------------------------|-------------------|------|----------|---------|----------|--------|-----------|--------------------------|
| SECTOR | ANT. POSITION NO. | QTY. | RRH QTY. | AZIMUTH | DOWNTILT | ℄ (FT) | # OF LINE | COAX TYPE |
| ALPHA | 1 (850/PCS) | 1 | 1 | 0° | TBD° | 40 | 0 | N/A |
| ALPHA | 2 (850/PCS) | 1 | 1 | 0° | TBD° | 40 | 1 | RSS 6-12 HYBRID DC/FIBER |
| ALPHA | 3 (700/AWS) | 1 | 1 | 0° | TBD° | 40 | 1 | RSS 6-12 HYBRID DC/FIBER |
| ALPHA | 4 (700/AWS) | 1 | 1 | 0° | TBD° | 40 | 1 | RSS 6-12 HYBRID DC/FIBER |
| BETA | 1 (850/PCS) | 1 | 1 | 110° | TBD° | 40 | 0 | N/A |
| BETA | 2 (850/PCS) | 1 | 1 | 110° | TBD° | 40 | 0 | N/A |
| BETA | 3 (700/AWS) | 1 | 1 | 110° | TBD° | 40 | 0 | N/A |
| BETA | 4 (700/AWS) | 1 | 1 | 110° | TBD° | 40 | 0 | N/A |
| GAMMA | 1 (850/PCS) | 1 | 1 | 230° | TBD° | 40 | 0 | N/A |
| GAMMA | 2 (850/PCS) | 1 | 1 | 230° | TBD° | 40 | 0 | N/A |
| GAMMA | 3 (700/AWS) | 1 | 1 | 230° | TBD° | 40 | 0 | N/A |
| GAMMA | 4 (700/AWS) | 1 | 1 | 230° | TBD° | 40 | 0 | N/A |

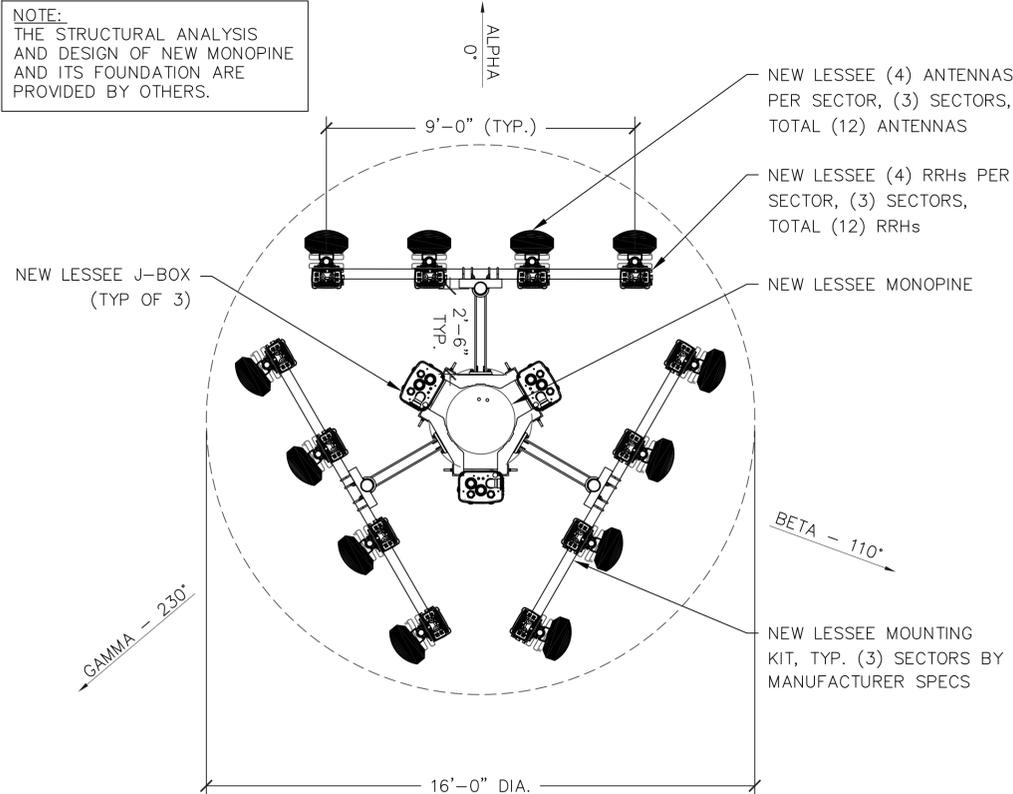
- NOTES:
- JUNCTION BOXES:** ADD (3) JUNCTION BOXES ON TOP & (2) JUNCTION BOXES AT THE BOTTOM TOWER, OR WHATEVER IS NEEDED TO DEPLOY (12) RRHs.
 - DC/FIBER:** ADD (3) RUNS OF RSS 6-12 HYBRID CABLE (6-12 DC/FIBER BUNDLE) TO CONNECT J-BOXES.
 - U700C RRHs:** ADD (3) U700C RRH2x60 (BRANCH Rx) ON TOWER, ONE AT EACH SECTOR LOCATION.
 - AWS RRHs:** ADD (3) BC RRH2x60 (BRANCH Rx) ON TOWER, ONE AT EACH SECTOR LOCATION.
 - PCS RRHs:** ADD (3) D RRH2x60 (BRANCH Rx) ON TOWER, ONE AT EACH SECTOR LOCATION.
 - 850 RRHs:** ZONE FOR (3) 850 RRH2X ON TOWER, ONE AT EACH SECTOR LOCATION.
 - RET ANTENNAS:** ADD ADEQUATE 2.0 RET KIT/SYSTEM FOR HTXCW ANTENNAS (AISG CABLES, INTERNAL ACTUATORS, HOMERUN CABLE). COORDINATE FOR PROPER POWERING OF THE SYSTEM.
 - SEE DETAIL #5 FOR RRHs LOCATIONS AND SPECIFICATIONS.



1 COAXIAL CABLE TABLE

SCALE: N.T.S.

NOTE:
THE STRUCTURAL ANALYSIS
AND DESIGN OF NEW MONOPINE
AND ITS FOUNDATION ARE
PROVIDED BY OTHERS.



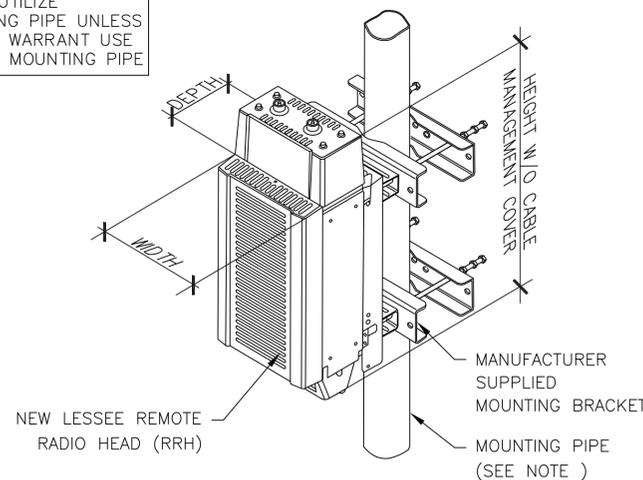
4 NEW ANTENNA CONFIGURATION

SCALE: N.T.S.

2 NEW ANTENNA DETAIL

SCALE: N.T.S.

NOTE:
CONTRACTOR TO UTILIZE
ANTENNA MOUNTING PIPE UNLESS
FIELD CONDITIONS WARRANT USE
OF NEW VERTICAL MOUNTING PIPE



| RRH SPECIFICATIONS | | | | | |
|--------------------|-----------|-------|-------|-----------------------------------|--------------------------------|
| POSITION | RRH | WIDTH | DEPTH | HEIGHT W/O CABLE MANAGEMENT COVER | WEIGHT W/O BRACKET |
| 1 | RRH (850) | 11.2" | 7.6" | 20" | 55 LBS. (W/O MOUNTING BRACKET) |
| 2 | RRH (PCS) | 11.2" | 7.6" | 20" | 55 LBS. (W/O MOUNTING BRACKET) |
| 3 | RRH (AWS) | 10.6" | 5.75" | 36.6" | 55 LBS. (W/O MOUNTING BRACKET) |
| 4 | RRH (AWS) | 10.6" | 5.75" | 36.6" | 55 LBS. (W/O MOUNTING BRACKET) |

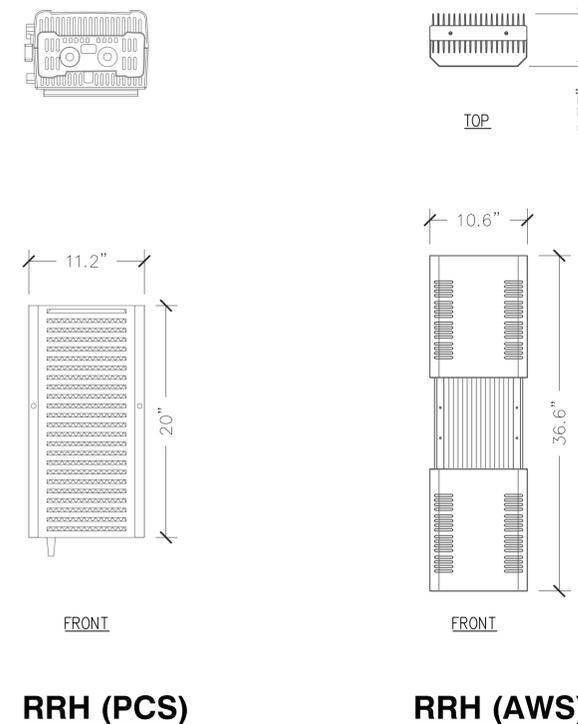
RRH NOTE: DIMENSIONS INCLUDE MOUNTING BRACKET, SOLAR SHIELD AND CONNECTORS.

5 RRH DETAIL

SCALE: N.T.S.

3 NEW J-BOX

SCALE: N.T.S.



6 RRH DETAILS

SCALE: N.T.S.

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| DRAWN BY: | JN |
| CHECKED BY: | YJ |

| REVISIONS | | |
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| NO. | DATE | DESCRIPTION |
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| B | 1/18/16 | CITY COMMENTS |
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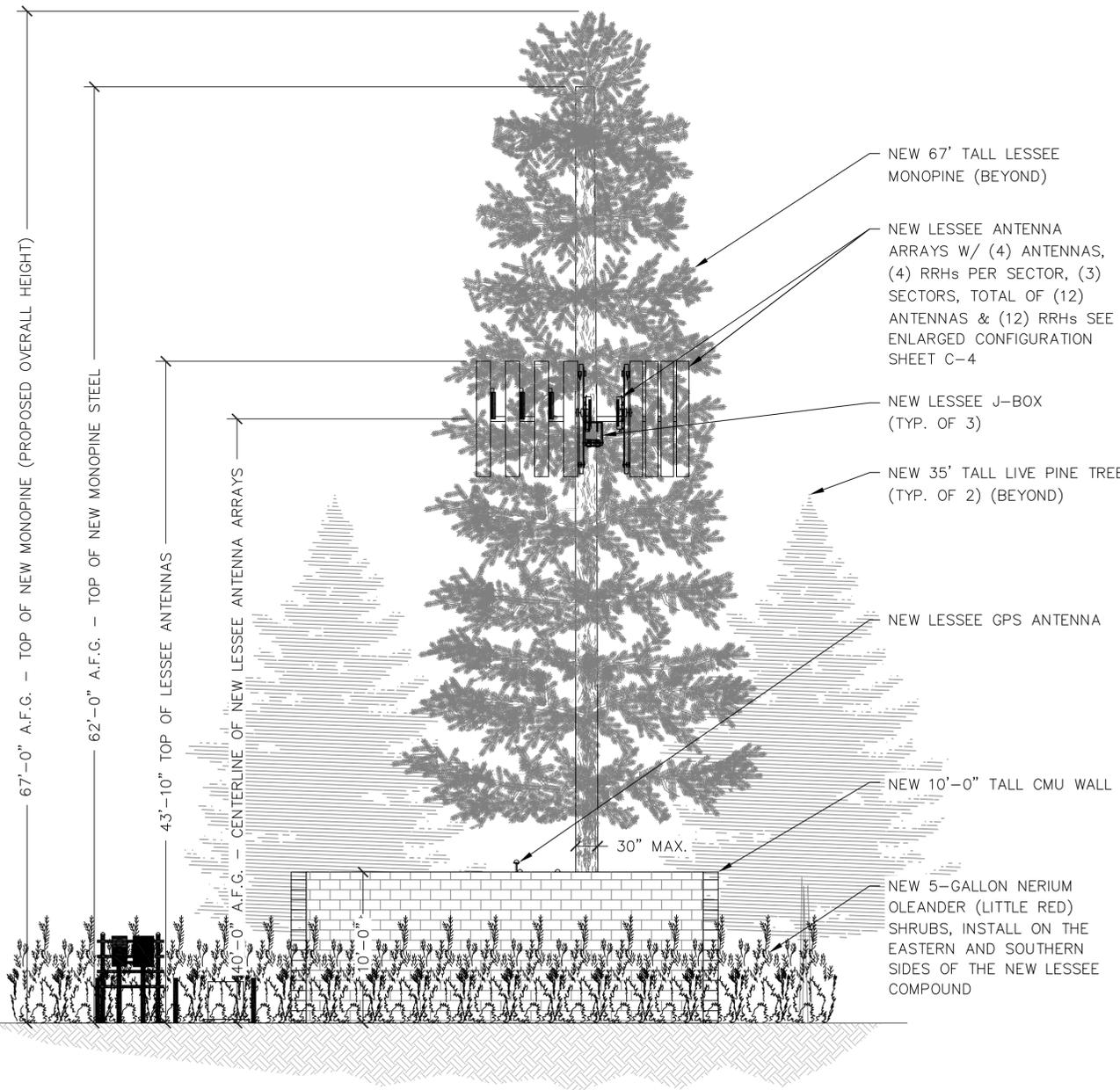
| | |
|---------------|---|
| PROJECT No. | TBD |
| SITE NAME: | PHO GLENARM |
| SITE NUMBER: | NBS-00006-N |
| SITE ADDRESS: | 10045 W. THOMAS RD. AVONDALE, AZ 85392 |
| DESIGN TYPE: | RAW LAND |

SHEET TITLE:
**ANTENNA
CONFIGURATION**

| | |
|-----------|-----------|
| SHEET NO. | REVISION: |
| C-4 | D |

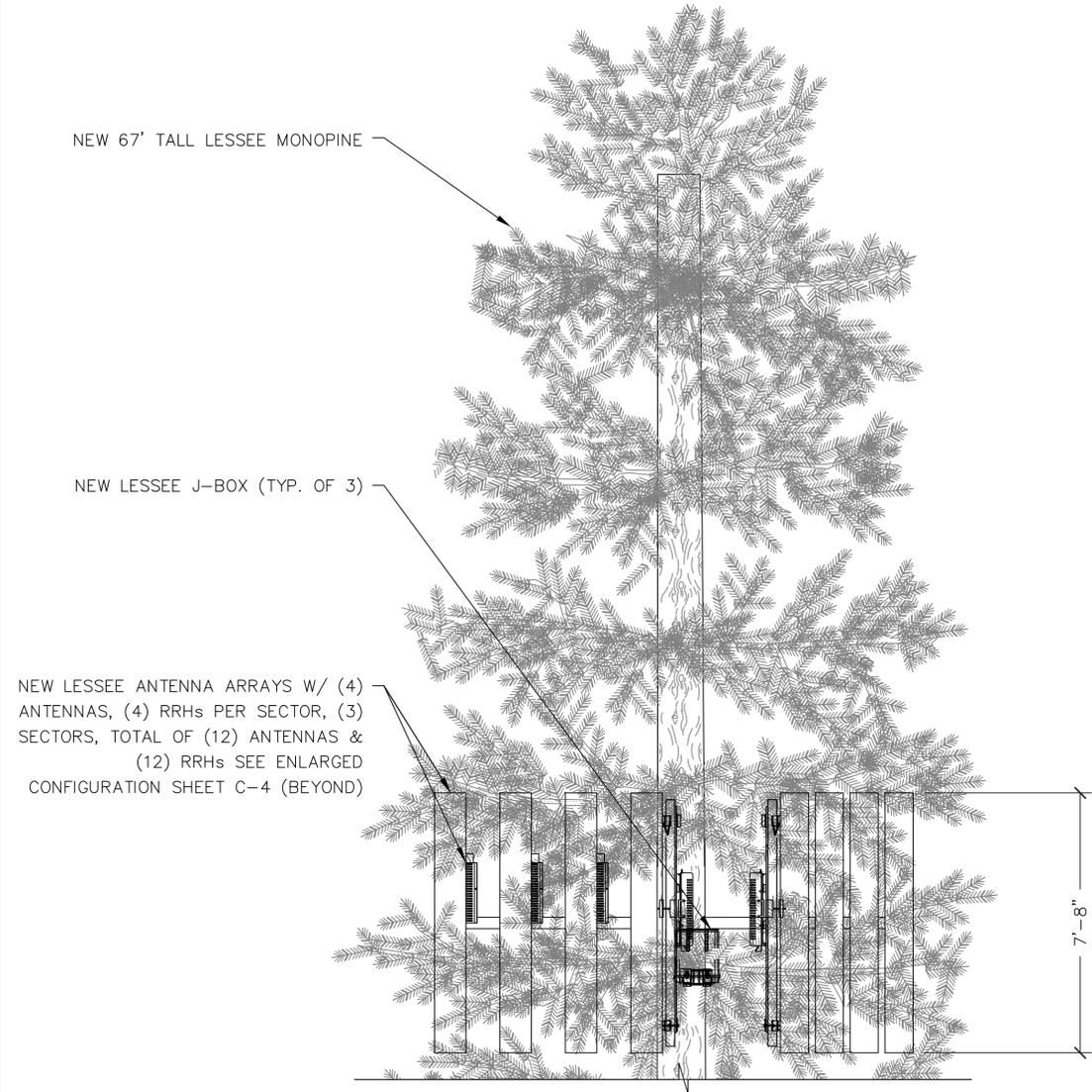
NOTES:

1. THE STRUCTURAL ANALYSIS AND DESIGN OF NEW MONOPINE IS PROVIDED BY OTHERS.
2. CONTRACTOR TO REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.
2. NEW LESSEE HYBRIFLEX CABLE, ROUTED INSIDE NEW MONOPINE.
3. NEW MICROWAVE DISH AZIMUTH TO BE DETERMINED.



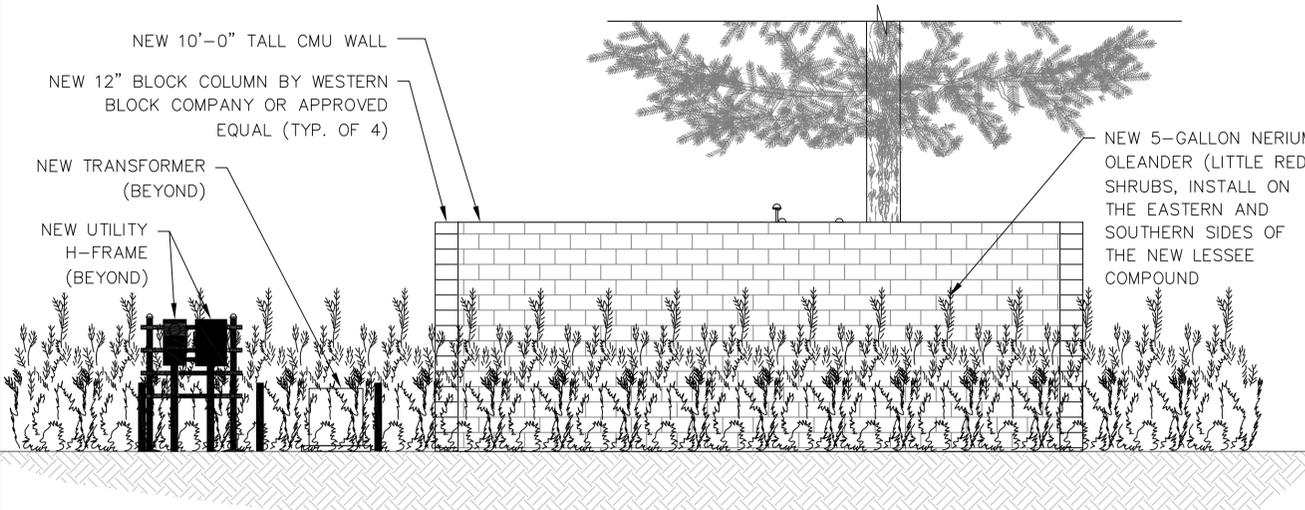
1 NEW SOUTH ELEVATION

22"x34" SCALE: 3/16" = 1'-0"
11"x17" SCALE: 3/32" = 1'-0"



2 ELEVATION VIEW AT TOP OF TOWER

22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"



3 ELEVATION VIEW @ UTILITY H-FRAME

22"x34" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



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| SITE NAME: | PHO GLENARM |
| SITE NUMBER: | NBS-00006-N |
| SITE ADDRESS: | 10045 W. THOMAS RD. AVONDALE, AZ 85392 |

DESIGN TYPE:
RAW LAND

SHEET TITLE:
ELEVATION

| | |
|------------|-----------|
| SHEET NO. | REVISION: |
| C-5 | D |