



# LAWC BARKER CELL SITE

2001 MOODIE ROAD  
LAWRENCE, KS 66046  
DOUGLAS COUNTY

LOCATION No: 273487  
PROJECT No: 20130934055

## PROPOSED MONOPOLE WITH COMMUNICATIONS EQUIPMENT



**MAGTECH  
MIDWEST INC.**  
AN AFFILIATE OF FORTUNE WIRELESS INC.  
1715 MAGNAVOX WAY, FORT WAYNE, INDIANA 46804  
(260) 436-2688 • (260) 436-2402 FAX

CERTIFICATION:

**PRELIMINARY  
NOT FOR  
CONSTRUCTION**

| RELEASE  |                           |
|----------|---------------------------|
| DATE     | ZONING EXHIBIT            |
| 03-24-15 | ZONING EXHIBIT            |
| 05-15-15 | CONSTRUCTION DWGS - REV A |
| 06-02-15 | ZONING EXHIBIT            |
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DRAWN BY: JLM  
CHECKED BY: DJH

SITE NAME:

**LAWC BARKER  
CELL SITE**

SITE ADDRESS:

2001 MOODIE ROAD  
LAWRENCE, KS 66046

SHEET TITLE:

PROJECT INFORMATION,  
LOCATION MAPS  
AND DRAWING INDEX

A&E PROJECT NO.:

001-1507

SHEET NO.:

**T-1**



VICINITY MAP MAPS PROVIDED BY DeLORME STREET ATLAS USA



LOCATION MAP AERIAL MAP PROVIDED BY GOOGLE

**APPLICANT**  
VERIZON WIRELESS  
MANAGER-NETWORK REAL ESTATE  
PHONE: (913) 244-2800

**SITE ACQUISITION**  
KGI  
PHONE: (417) 848-7584


**SURVEYOR**  
ANDERSON ENGINEERING  
PHONE: (417) 782-7399

**ARCHITECTURAL AND ENGINEERING FIRM**  
MAGTECH MIDWEST, INC.  
PHONE: (260) 436-2668

**POLICE DEPARTMENT**  
LAWRENCE POLICE DEPT.  
111 EAST STREET  
LAWRENCE, KS 66044  
PHONE: (785) 830-7400

**FIRE DEPARTMENT**  
LAWRENCE FIRE DEPARTMENT  
1911 STEWART AVENUE  
LAWRENCE, KS 66046  
PHONE: (785) 830-7000

**PROPERTY OWNER**  
OTTAWA COOPERATIVE ASSOC.  
KANSAS ONE-CALL SYSTEM  
811 OR 1-800-DIG SAFE



**CONSULTANT TEAM**

**THE PROJECT INCLUDES:**  
INSTALLATION OF PANEL ANTENNA, ASSOCIATED COAX AND OTHER EQUIPMENT IN NEW 120' MONOPOLE TOWER.  
INSTALLATION OF A 12'x6' CONCRETE EQUIPMENT PAD AND OUTDOOR EQUIPMENT .  
NEW ELECTRIC AND TELEPHONE/FIBER SERVICE TO SITE AND EQUIPMENT SHELTER. NO WATER SUPPLY OR SEWAGE TO/FROM THE SITE.

**SITE LAT/LON ELEV.**  
LATITUDE - N38° 56' 55.05"  
LONGITUDE - W95° 13' 33.43"  
GRD ELEV. - ±870' AMSL

**PROJECT DESCRIPTION**

- ANY TELECOMMUNICATIONS FACILITY THAT IS NOT IN USE FOR A PERIOD OF THREE (3) FULL YEARS OR MORE SHALL BE REMOVED BY THE OWNER AT THE OWNERS EXPENSE. FAILURE TO REMOVE THE TELECOMMUNICATIONS FACILITY PURSUANT TO NON-USE MAY RESULT IN REMOVAL AND ASSESSMENT OF COST TO THE PROPERTY PURSUANT TO K.S.A. 12-6a17.
- A SIGN SHALL BE POSTED ON THE FACILITY NOTING THE NAME AND TELEPHONE NUMBER OF THE TOWER OWNER/OPERATOR.
- THE TOWER OWNER/OPERATOR SHALL SUBMIT A LETTER TO THE PLANNING BY JULY 1 EACH YEAR LISTING THE CURRENT USERS AND TYPES OF TELECOMMUNICATION ANTENNA LOCATION ON THE FACILITY.
- THE TOWER WILL BE INSPECTED ANNUALLY AND A REPORT SHALL BE FILED WITH THE DIRECTOR OF PLANNING PER SECTION 20-529 (4) WHICH STATES; INSPECTIONS, ALL TELECOMMUNICATIONS FACILITIES SHALL BE INSPECTED ANNUALLY AT THE OWNER'S EXPENSE AND AN INSPECTION REPORT SHALL BE FILED WITH THE DIRECTOR OF PLANNING. ALL TELECOMMUNICATIONS FACILITIES MAY BE INSPECTED AT ANY TIME BY THE CODES ENFORCEMENT OFFICER IN ORDER TO DETERMINE COMPLIANCE WITH ORIGINAL CONSTRUCTION STANDARDS. DEVIATION FROM THE ORIGINAL CONSTRUCTION FOR WHICH A PERMIT IS OBTAINED CONSTITUTES A VIOLATION OF THIS CODE. NOTICE OF VIOLATIONS WILL BE SENT BY REGISTERED MAIL TO THE TELECOMMUNICATIONS FACILITY OPERATOR WHO WILL HAVE 30 DAYS FROM THE DATE THE NOTIFICATION IS ISSUED TO MAKE ADJUSTMENTS OF REPAIRS. THE OPERATOR SHALL NOTIFY THE CODES ENFORCEMENT OFFICER IN WRITING THAT THE ADJUSTMENTS OR REPAIRS HAVE BEEN MADE BY THE CODES ENFORCEMENT OFFICER TO ASSESS COMPLIANCE. THE OPERATOR SHALL THEN BE NOTIFIED OF THE RESULTS OF THE SECOND INSPECTION. AN APPEAL OF THE DECISION OF THE CODE ENFORCEMENT OFFICER CAN BE MADE TO THE BOARD OF ZONING APPEALS IN ACCORDANCE WITH SECTION 20-1311.
- THE TOWER WILL NOT HAVE TOWER LIGHTING OR BEACONS.

### DRAWING INDEX

- T-1 PROJECT INFORMATION, LOCATION MAPS, AND DRAWING INDEX
- LS-1 LAND SURVEY
- LS-2 LAND SURVEY
- LS-3 LAND SURVEY
- C-1 OVERALL SITE PLAN
- C-2 ENLARGED SITE PLAN
- C-3 TOWER ELEVATION AND ANTENNA INFORMATION
- C-4 FENCE DETAILS



**PARENT PARCEL DESCRIPTION:**

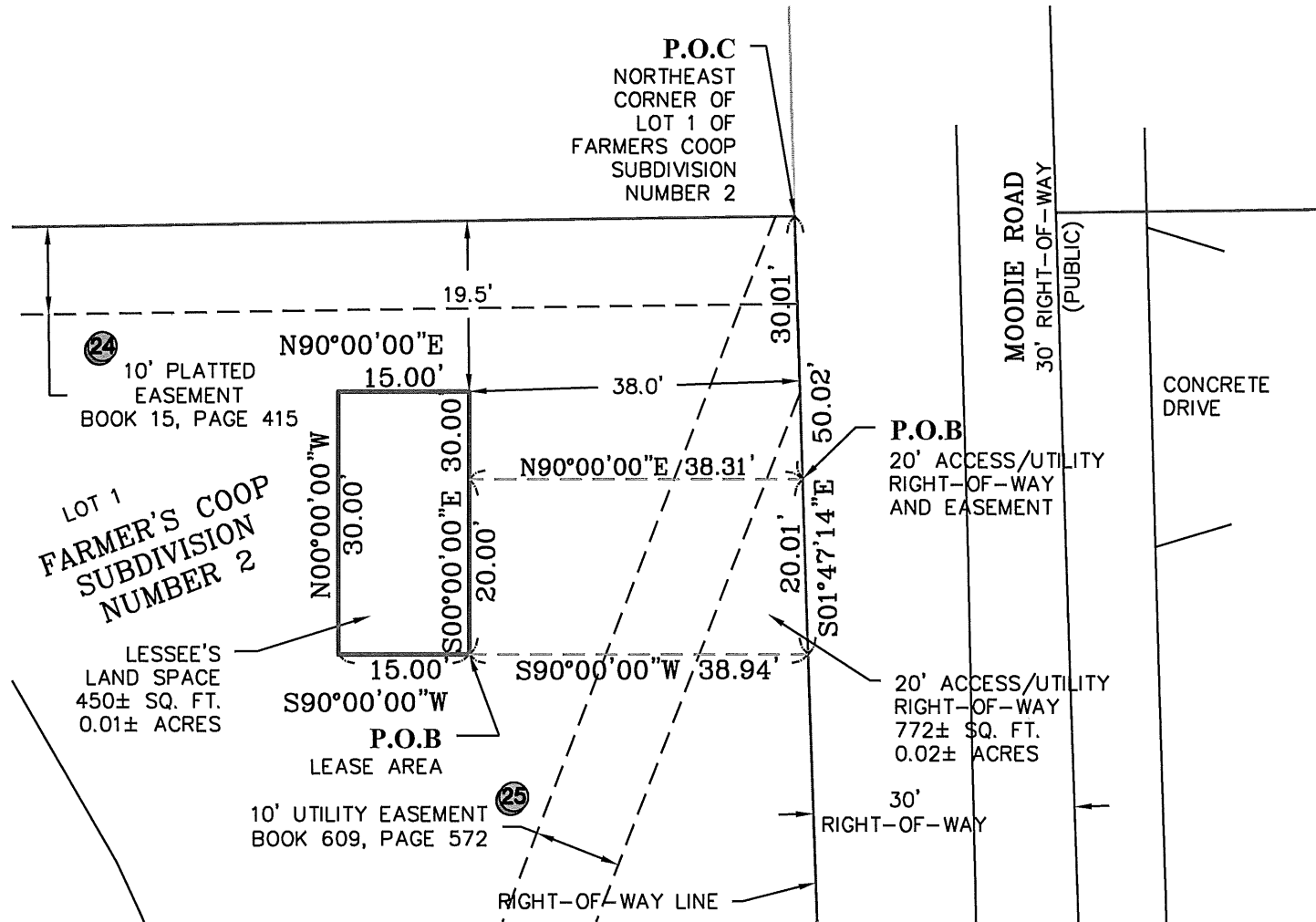
PROPERTY LOCATED IN LAWRENCE, KS  
 LOTS 1 AND 2, IN FARMERS COOP SUBDIVISION NUMBER 2, A SUBDIVISION AND A REPLAT OF EAST VIEW SUBDIVISION NUMBER 2, IN THE CITY OF LAWRENCE, DOUGLAS COUNTY, KANSAS.  
 AND  
 LOT 3A, AS SHOWN BY THE PLAT OF SURVEY OF THE LOT SPLIT OF LOTS 3 AND 4, IN FARMERS COOP SUBDIVISION NUMBER 2, FILED IN PLAT BOOK P15 AT PAGE 415, IN THE OFFICE OF THE REGISTER OF DEEDS OF DOUGLAS COUNTY, KANSAS.



**GRAPHIC SCALE**



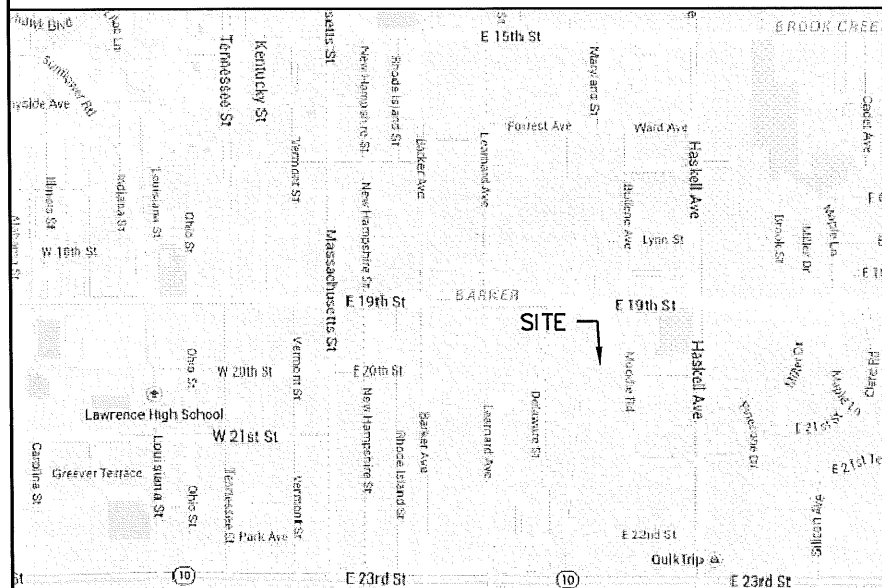
( IN FEET )  
 1 inch = 20 ft.



**LAND SPACE & R.O.W. DETAIL**

Scale: 1"=20'

**VICINITY MAP**

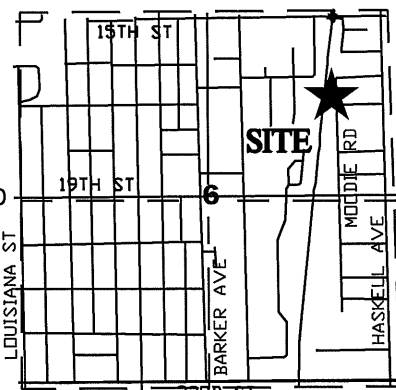


**SURVEYORS NOTES**

- 1.) ALL BEARINGS BASED ON KANSAS STATE PLANE COORDINATE SYSTEM, NORTH ZONE. (NAD-83)
- 2.) NOT INTENDED TO REPRESENT A SURVEY FOR THE ENTIRE PARENT PARCEL.
- 3.) A UTILITY LOCATE WAS REQUESTED ON 1-19-2015, TICKET NO. 15018801. THE MARKINGS OF SAID LOCATE ARE AS SHOWN.

ZONING INFORMATION: IG

FLOOD INFORMATION:  
 PROPERTY FALLS WITHIN A ZONE "X" AS DETERMINED BY FEMA FLOOD RATE MAP NO. 20045C0178D EFFECTIVE 8-5-10 (ZONE "X" AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.)



**T. 13 N, R. 20 W  
 PARENT PARCEL  
 DETAIL**

**SURVEYOR'S DECLARATION**

I, THE UNDERSIGNED, DO HEREBY DECLARE THAT THE BOUNDARY AND TOPOGRAPHIC SURVEY SHOWN HEREON WAS MADE UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE THE INFORMATION IS AS SHOWN AND IN ACCORDANCE WITH THE CURRENT KANSAS MINIMUM STANDARDS FOR URBAN SURVEYS. LAST REVISION DATE MAY 26, 2015  
 ANDERSON ENGINEERING, INC. C OF A#17  
 BY: (RENEWAL DATE DECEMBER 31, 2016)

JERROD L. HOGAN, P.L.S. 1449

5-26-15  
 DATE

Prepared for:

Prepared for:

**MAGTECH  
 MIDWEST**

Surveyed By:

**ANDERSON  
 ENGINEERING, INC.**  
AE  
 ENGINEERS · SURVEYORS · LABORATORIES  
 DRILLING  
 811 E. 3RD STREET  
 JOPLIN, MISSOURI 64801  
 PHONE (417) 782-7399

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SITE NAME:  
**LAWC  
 BARKER**

SITE NUMBER:

SITE ADDRESS:  
 2001 MOODIE ROAD  
 LAWRENCE, KS 66046

SHEET NAME:  
**LAND SURVEY**

SHEET NUMBER:  
**LS-1**

**LESSEE'S LAND SPACE DESCRIPTION:**

COMMENCING AT THE NORTHEAST CORNER OF LOT 1 OF FARMS COOP SUBDIVISION NUMBER 2, SAID POINT ALSO LYING ON THE WEST RIGHT-OF-WAY OF MOODIE ROAD; THENCE ALONG SAID WEST RIGHT-OF-WAY, SOUTH 01°47'14" EAST, 50.02 FEET; THENCE LEAVING SAID RIGHT-OF-WAY, SOUTH 90°00'00" WEST, 38.94 FEET, TO THE POINT OF BEGINNING; THENCE SOUTH 90°00'00" WEST, 15.00 FEET; THENCE NORTH 00°00'00" WEST, 30.00 FEET; THENCE NORTH 90°00'00" EAST, 15.00 FEET; THENCE SOUTH 00°00'00" EAST, 30.00 FEET, TO THE POINT OF BEGINNING; ALL LYING IN LOT 1 OF FARMS COOP SUBDIVISION NUMBER 2, AND THE NORTHEAST QUARTER OF SECTION 6, TOWNSHIP 13 NORTH, RANGE 30 WEST, DOUGLAS COUNTY, KANSAS. CONTAINING 0.01 ACRES, MORE OR LESS. BEARINGS BASED ON GRID NORTH OF THE KANSAS COORDINATE SYSTEM OF 1983, NORTH ZONE.

**LESSEE'S 20' ACCESS/UTILITY RIGHT-OF-WAY DESCRIPTION:**

COMMENCING AT THE NORTHEAST CORNER OF LOT 1 OF FARMS COOP SUBDIVISION NUMBER 2, SAID POINT ALSO LYING ON THE WEST RIGHT-OF-WAY OF MOODIE ROAD; THENCE ALONG SAID WEST RIGHT-OF-WAY, SOUTH 01°47'14" EAST, 30.01 FEET, TO THE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID RIGHT-OF-WAY, SOUTH 01°47'14" EAST, 20.01 FEET; THENCE LEAVING SAID RIGHT-OF-WAY, SOUTH 90°00'00" WEST, 38.94 FEET; THENCE NORTH 00°00'00" WEST, 20.00 FEET; THENCE NORTH 90°00'00" EAST, 38.31 FEET, TO THE POINT OF BEGINNING; ALL LYING IN LOT 1 OF FARMS COOP SUBDIVISION NUMBER 2, AND THE NORTHEAST QUARTER OF SECTION 6, TOWNSHIP 13 NORTH, RANGE 30 WEST, DOUGLAS COUNTY, KANSAS. CONTAINING 0.02 ACRES, MORE OR LESS. BEARINGS BASED ON GRID NORTH OF THE KANSAS COORDINATE SYSTEM OF 1983, NORTH ZONE.

**INFORMATIONAL REPORT:**

TITLE COMMITMENT PROVIDED BY FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NUMBER NCS-72741-KCTY WITH AN EFFECTIVE DATE OF APRIL 14, 2015 AT 7:30AM.

NOTE: THE OTTAWA COOPERATIVE ASSOCIATION OWNS MULTIPLE PARCELS AS LISTED IN THIS TITLE WORK. THE LAND SPACE AREA AND ACCESS/UTILITY RIGHT OF WAY LIE ENTIRELY IN LOT 1 OF FARMERS COOP SUBDIVISION NUMBER 2. MANY OF THE EXCEPTIONS ON THE TITLE COMMITMENT AFFECT PORTIONS OF THE OTTAWA COOP PROPERTY BUT ARE NOT SHOWN ON THIS SURVEY. THOSE WILL BE NOTED "DOES NOT AFFECT LOT 1" WHICH ALSO MEANS IT DOES NOT AFFECT THE LAND SPACE AREA OR THE ACCESS/UTILITY RIGHT OF WAY.

- ⑧ AN AGREEMENT BETWEEN THE CITY OF LAWRENCE AND FARMERS COOP ASSOCIATION, RECORDED JULY 13, 1990, DOCUMENT NO. 6213 IN BOOK 446, PAGE 1411. DOES NOT AFFECT LOT 1.
- ⑨ AN AGREEMENT BETWEEN THE CITY OF LAWRENCE AND FARMERS COOP ASSOCIATION, RECORDED JULY 12, 1993, DOCUMENT NO. 50674 IN BOOK 495, PAGE 2011. AFFECTS ENTIRE PARCEL. SUBJECT TO TERMS AND CONDITIONS WITHIN.
- ⑭ AN EASEMENT FOR UTILITIES IN THE DOCUMENT RECORDED FEBRUARY 25, 1996 IN BOOK 243, PAGE 144 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.
- ⑰ AN EASEMENT FOR ROADWAY IN DOCUMENT RECORDED AUGUST 17, 1990 IN BOOK 448, PAGE 310 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1
- ⑰ AN EASEMENT FOR UTILITIES IN THE DOCUMENT RECORDED OCTOBER 5, 1990 IN BOOK 449, PAGE 2031 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.
- ⑳ AN EASEMENT FOR UTILITIES AND ACCESS IN THE DOCUMENT RECORDED APRIL 15, 1998 IN BOOK 606, PAGE 526 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.
- ㉑ AN EASEMENT FOR SANITARY SEWER IN THE DOCUMENT RECORDED JULY 21, 2009 IN BOOK 1052, PAGE 1472 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.
- ㉒ TERMS AND PROVISIONS OF AN UNRECORDED LEASE DATED OCTOBER 30, 1977, BY AND BETWEEN THE FARMERS COOPERATIVE ASSOCIATION OF LAWRENCE, KANSAS AS LESSOR AND NEXTEL WEST CORP., INC., D/B/A NEXTEL COMMUNICATIONS AS LESSEE, AS DISCLOSED BY A MEMORANDUM OF AGREEMENT RECORDED JULY 9, 1998 IN BOOK 615, PAGE 353 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.
- ㉓ TERMS AND PROVISIONS OF AN UNRECORDED LEASE DATED OCTOBER 23, 2001, BY AND BETWEEN ACORN EAST LLC AS LESSOR AND NEXTEL WEST CORP., INC., D/B/A NEXTEL COMMUNICATIONS AS LESSEE, AS DISCLOSED BY A MEMORANDUM OF AGREEMENT RECORDED JULY 5, 2002 IN BOOK 776, PAGE 701 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.
- ㉔ EASEMENTS, RESTRICTIONS AND SETBACK LINES AS PER PLAT, RECORDED IN PLAT BOOK 12, PAGE 13 AND AS AMENDED BY LOT SPLIT IN BOOK 15, PAGE 415. AS SHOWN.
- ㉕ SURVEY OF UTILITY EASEMENT RECORDED MAY 15, 1998 IN BOOK 609, PAGE 572. AS SHOWN.
- ㉙ AN EASEMENT FOR CONSTRUCTION AND MAINTENANCE OF UTILITIES IN THE DOCUMENT RECORDED FEBRUARY 25, 1966 AS BOOK 243, PAGE 143 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.
- ㉚ AN EASEMENT FOR CONSTRUCTION AND MAINTENANCE OF UTILITIES IN THE DOCUMENT RECORDED FEBRUARY 25, 1966 AS BOOK 243, PAGE 145 OF OFFICIAL RECORDS. DOES NOT AFFECT LOT 1.

Prepared for:



Surveyed By:  
**ANDERSON ENGINEERING, INC.**  
ENGINEERS SURVEYORS LABORATORIES DRILLING  
 811 E. 3RD STREET  
 JOPLIN, MISSOURI 64801  
 PHONE (417) 782-7399

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SITE NAME:  
**LAWC BARKER**

SITE NUMBER:

SITE ADDRESS:  
 2001 MOODIE ROAD  
 LAWRENCE, KS 66046

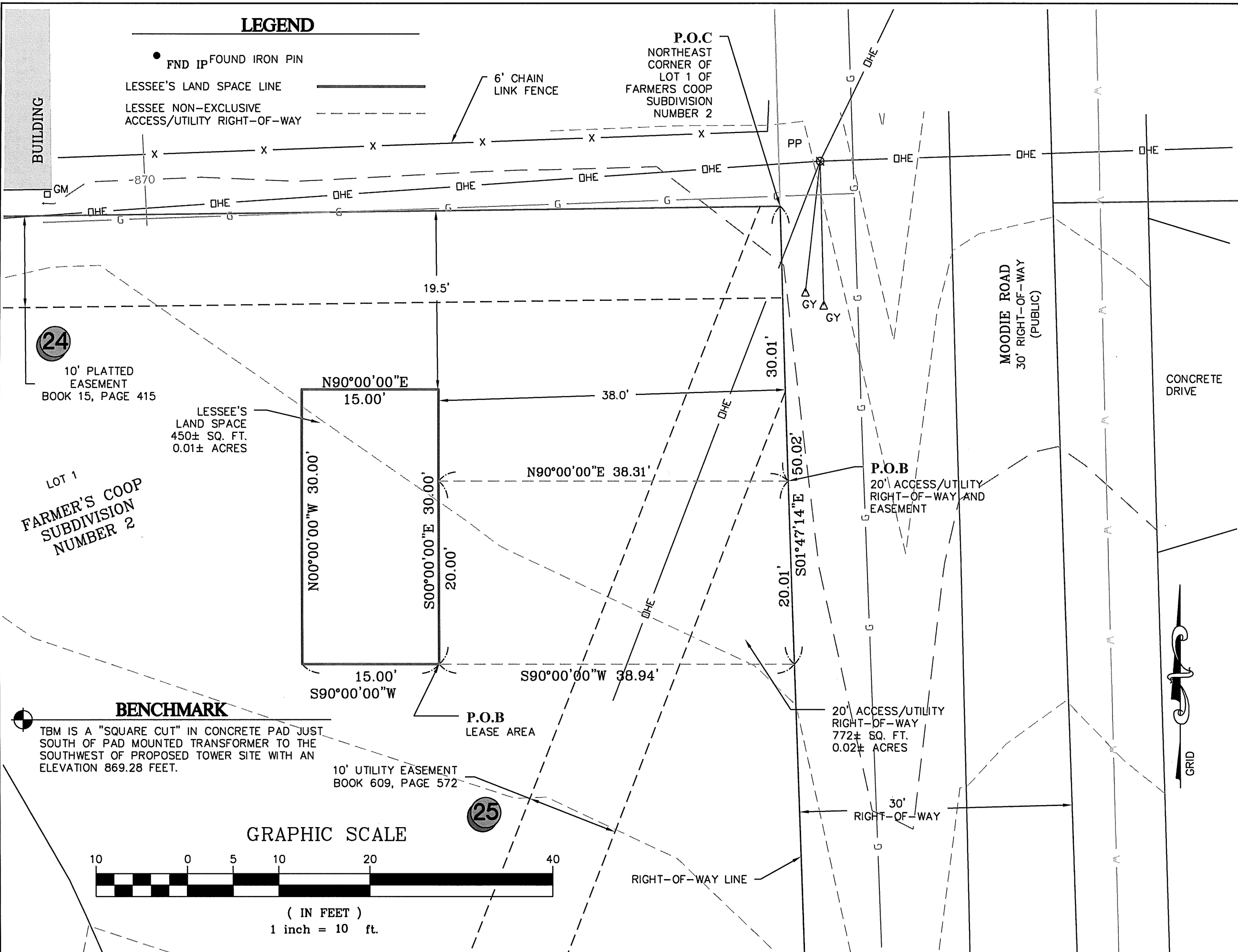
SHEET NAME:  
**LAND SURVEY**

SHEET NUMBER:  
**LS-2**

**LEGEND**

- FND IP FOUND IRON PIN
- LESSEE'S LAND SPACE LINE
- - - LESSEE NON-EXCLUSIVE ACCESS/UTILITY RIGHT-OF-WAY
- X X X X X 6' CHAIN LINK FENCE

**P.O.C**  
NORTHEAST  
CORNER OF  
LOT 1 OF  
FARMERS COOP  
SUBDIVISION  
NUMBER 2



**24**

10' PLATTED  
EASEMENT  
BOOK 15, PAGE 415

LESSEE'S  
LAND SPACE  
450± SQ. FT.  
0.01± ACRES

LOT 1  
FARMER'S COOP  
SUBDIVISION  
NUMBER 2

**BENCHMARK**

TBM IS A "SQUARE CUT" IN CONCRETE PAD JUST SOUTH OF PAD MOUNTED TRANSFORMER TO THE SOUTHWEST OF PROPOSED TOWER SITE WITH AN ELEVATION 869.28 FEET.

10' UTILITY EASEMENT  
BOOK 609, PAGE 572

**GRAPHIC SCALE**



( IN FEET )  
1 inch = 10 ft.

**25**

Prepared for:

Prepared for:

**MAGTECH  
MIDWEST**

Surveyed By:

**ANDERSON  
ENGINEERING INC**

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DRILLING

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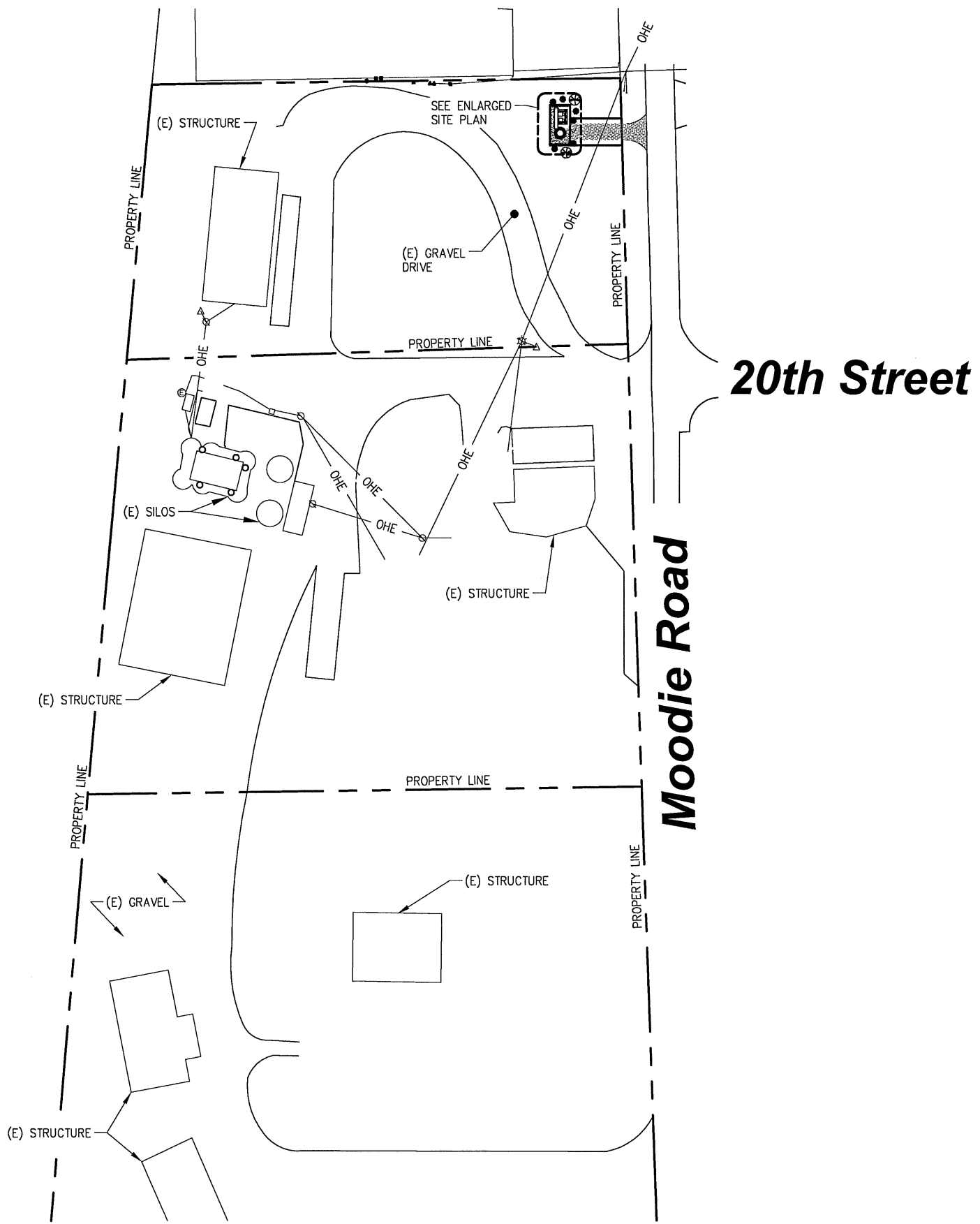
SITE NAME:  
**LAWC  
BARKER**

SITE NUMBER:

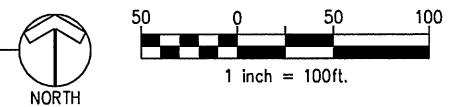
SITE ADDRESS:  
2001 MOODIE ROAD  
LAWRENCE, KS 66046

SHEET NAME:  
**LAND SURVEY**

SHEET NUMBER:  
**LS-3**



Site Plan



CERTIFICATION:

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| RELEASE DATE |                           |
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| 03-24-15     | ZONING EXHIBIT            |
| 05-15-15     | CONSTRUCTION DWGS - REV A |
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DRAWN BY: JLM  
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SITE NAME:

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CELL SITE**

SITE ADDRESS:

2001 MOODIE ROAD  
LAWRENCE, KS 66046

SHEET TITLE:

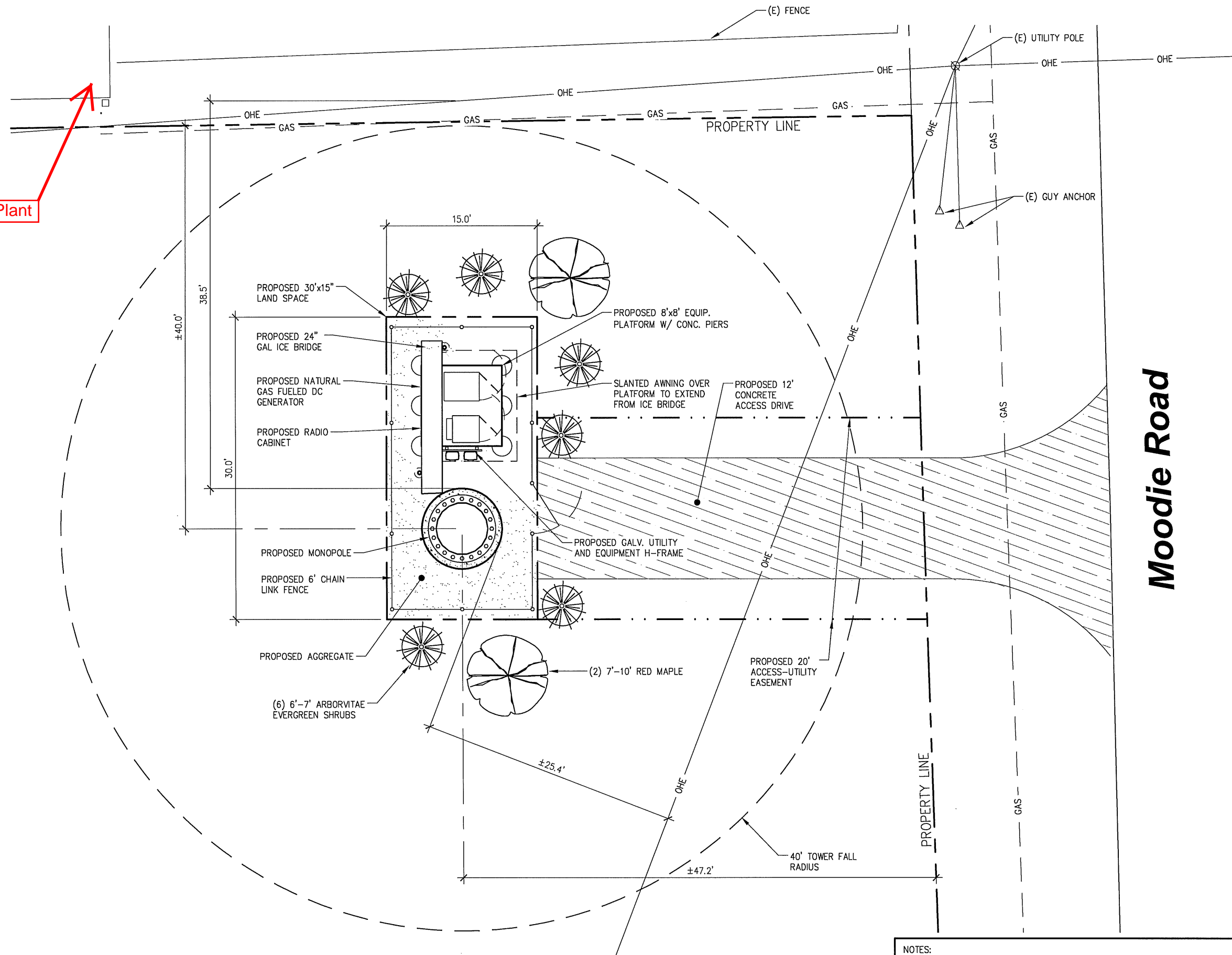
**OVERALL SITE PLAN**

A&E PROJECT NO.:

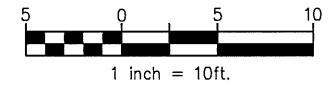
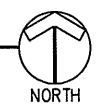
001-1507

SHEET NO.:

Corner of Bottling Plant



**Enlarged Site Plan**



NOTES:  
 GALVANIZED STEEL MONOPOLE TYPE TOWER INSIDE 15'x30' CHAIN LINK FENCED AREA WITH OUTDOOR EQUIPMENT CABINETS ON 12'x6' CONCRETE PAD. THERE WILL BE A NEW CONCRETE (PER CITY CODE) DRIVEWAY FROM MOODIE ROAD TO TOWER SITE. THE FENCE WILL BE 6' TALL WITH THREE STRANDS OF BARBED WIRE (REFER TO DETAILS ON PAGE C-4 OF THESE DRAWINGS).

**Moodie Road**



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| 03-24-15     | ZONING EXHIBIT            |
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DRAWN BY: JLM  
 CHECKED BY: DJH

SITE NAME:

**LAWC BARKER  
 CELL SITE**

SITE ADDRESS:

**2001 MOODIE ROAD  
 LAWRENCE, KS 66046**

SHEET TITLE:

**ENLARGED SITE PLAN**

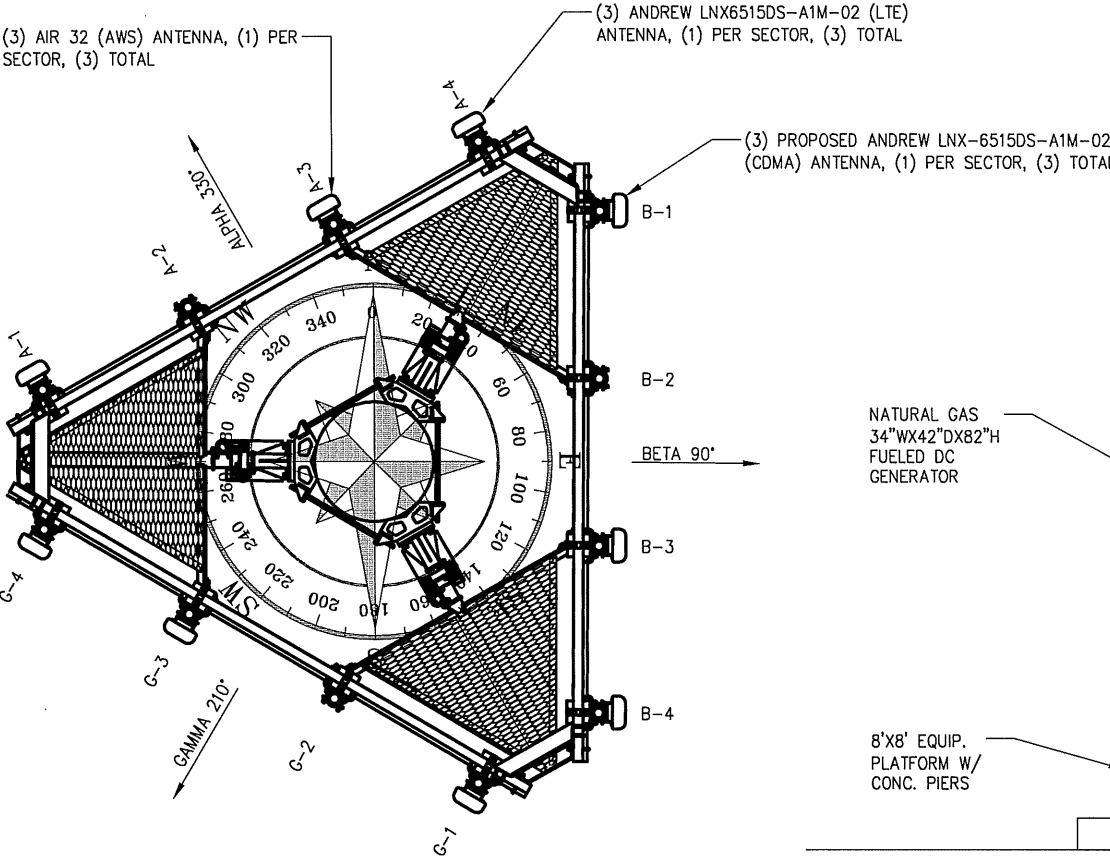
A&E PROJECT NO.:

**001-1507**

SHEET NO.:

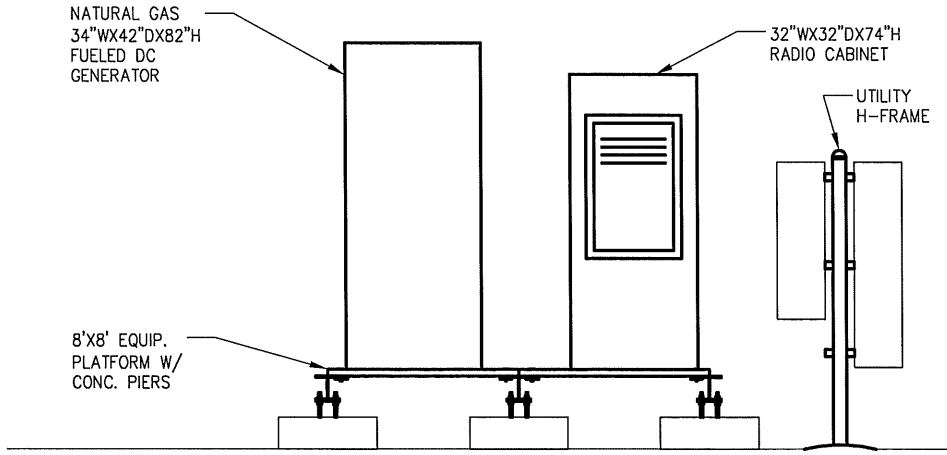
**C-2**

| PROPOSED ANTENNA KEY          |          |          |                             |                                |               |             |            |            |              |         |               |                     | RRU Make/Model | RRU Count               | Distribution Box Make/Model | Raycap Count                | Hybrid Cable Make/Model           | Hybrid Cable Count  | Hybrid Cable Size | Hybrid Cable Length | Jumper Count |
|-------------------------------|----------|----------|-----------------------------|--------------------------------|---------------|-------------|------------|------------|--------------|---------|---------------|---------------------|----------------|-------------------------|-----------------------------|-----------------------------|-----------------------------------|---------------------|-------------------|---------------------|--------------|
|                               | Position | Status   | Antenna Centerline (ft AGL) | Antenna Make / Model           | Antenna Count | Height (ft) | Width (ft) | Depth (ft) | Weight (lbs) | Azimuth | Mech Downtilt | Electrical Downtilt |                |                         |                             |                             |                                   |                     |                   |                     |              |
| Mainline Cable & Distribution |          |          |                             |                                |               |             |            |            |              |         |               |                     | RRUS B13       | 3                       | RFS DB-B1-6C-12AB-0Z        | 4(2 on tower, 2 in shelter) | RFS Hybriflex HBF058-08U1S2-14F   | 6                   | 5/8"              |                     |              |
|                               |          |          |                             |                                |               |             |            |            |              |         |               |                     |                |                         |                             |                             | RFS Hybriflex HBF114-13U6S12-150F | 2                   | 1-1/4"            |                     |              |
|                               |          |          |                             |                                |               |             |            |            |              |         |               |                     |                |                         |                             |                             |                                   |                     | 15 ft             | 1/2"                | 12           |
| Alpha Sector                  | A        | proposed | 120                         | Andrew LNX-6515DS-A1M-02(CDMA) | 1             | 96.4        | 11.9       | 7.1        | 49.8         | 330     | 2             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | B        |          |                             |                                |               |             |            |            |              |         |               |                     |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | C        | proposed | 120                         | Air - 32(AWS)                  | 1             | 57          | 12         | 8          | 99           | 330     | 0             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | D        | proposed | 120                         | Andrew LNX-6515DS-A1M-02(LTE)  | 1             | 96.4        | 11.9       | 7.1        | 49.8         | 330     | 2             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
| Beta Sector                   | E        | proposed | 120                         | Andrew LNX-6515DS-A1M-02(CDMA) | 1             | 96.4        | 11.9       | 7.1        | 49.8         | 90      | 0             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | F        |          |                             |                                |               |             |            |            |              |         |               |                     |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | G        | proposed | 120                         | Air - 32(AWS)                  | 1             | 57          | 12         | 8          | 99           | 90      | 0             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | H        | proposed | 120                         | Andrew LNX-6515DS-A1M-02(LTE)  | 1             | 96.4        | 11.9       | 7.1        | 49.8         | 90      | 0             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
| Gamma Sector                  | I        | proposed | 120                         | Andrew LNX-6515DS-A1M-02(CDMA) | 1             | 96.4        | 11.9       | 7.1        | 49.8         | 210     | 0             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | J        |          |                             |                                |               |             |            |            |              |         |               |                     |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | K        | proposed | 120                         | Air - 32(AWS)                  | 1             | 57          | 12         | 8          | 99           | 210     | 0             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
|                               | L        | proposed | 120                         | Andrew LNX-6515DS-A1M-02(LTE)  | 1             | 96.4        | 11.9       | 7.1        | 49.8         | 210     | 0             | 0                   |                |                         |                             |                             |                                   |                     |                   |                     |              |
| <b>Antenna Total</b>          |          |          |                             |                                | <b>9</b>      |             |            |            |              |         |               | <b>RRU Total</b>    | <b>3</b>       | <b>Distro Box Total</b> | <b>2</b>                    | <b>Hybrid Cable Total</b>   | <b>8</b>                          | <b>Jumper Total</b> | <b>12</b>         |                     |              |

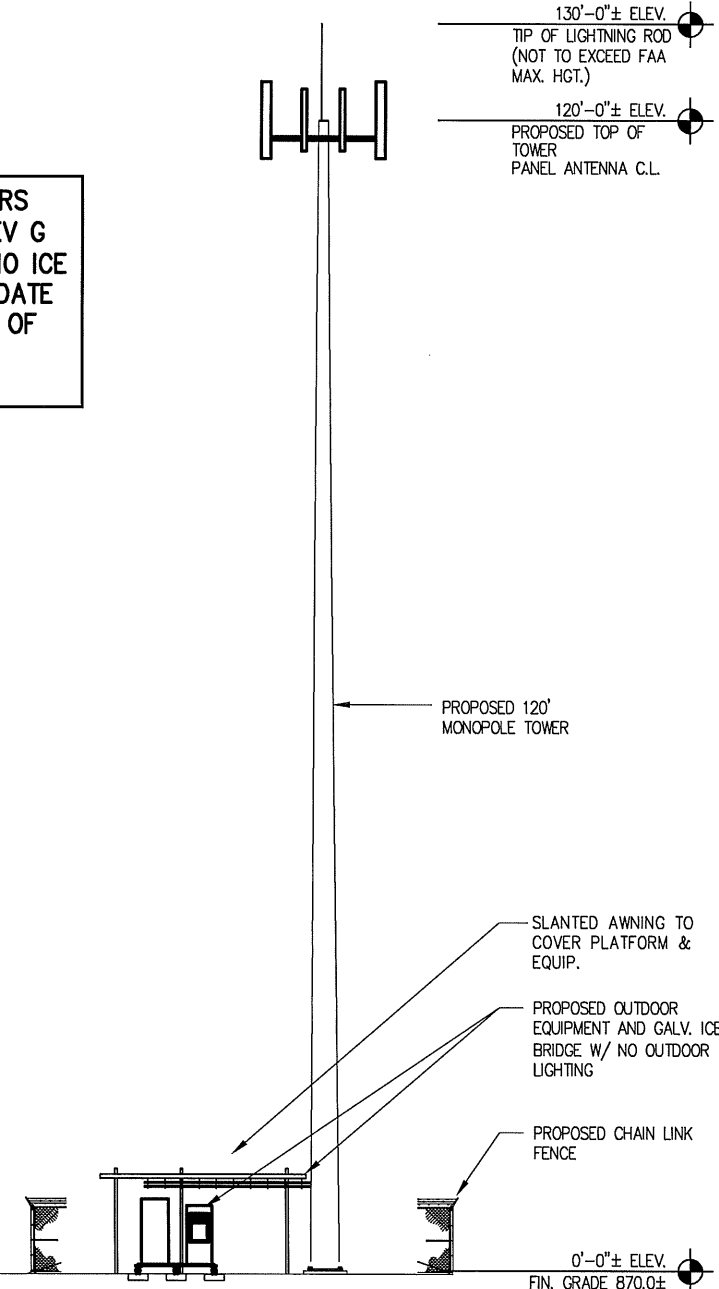


**2 Antenna Azimuths**  
SCALE: 1/4" = 1'-0"

MONOPOLE TO BE DESIGNED BY OTHERS ACCORDING TO ANSI/EIA/TIA-222-REV G STANDARDS: 90 MPH BASIC WINDS, NO ICE AND WILL BE DESIGNED TO ACCOMMODATE A MINIMUM OF TWO ADDITIONAL SETS OF FUTURE TWO-WAY COMMUNICATIONS ANTENNAS



**2 Equipment Elevation**  
SCALE: 1/4" = 1'-0"



**1 Tower Elevation**  
SCALE: 1" = 20'-0"



CERTIFICATION:  
**PRELIMINARY NOT FOR CONSTRUCTION**

| RELEASE DATE | DESCRIPTION               |
|--------------|---------------------------|
| 03-24-15     | ZONING EXHIBIT            |
| 05-15-15     | CONSTRUCTION DWGS - REV A |
| 06-02-15     | ZONING EXHIBIT            |

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DRAWN BY: JLM  
CHECKED BY: DJH

SITE NAME: \_\_\_\_\_

**LAWC BARKER CELL SITE**

SITE ADDRESS: \_\_\_\_\_

**2001 MOODIE ROAD LAWRENCE, KS 66046**

SHEET TITLE: \_\_\_\_\_

**TOWER ELEVATION, ANTENNA INFORMATION, NOTES AND DETAILS**

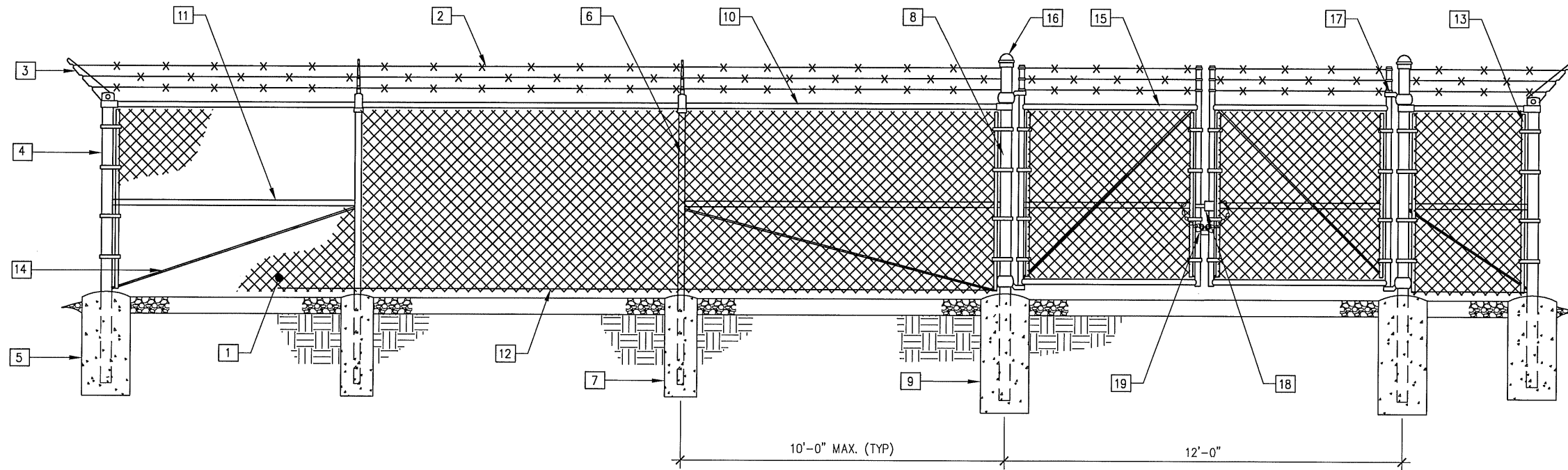
A&E PROJECT NO.: \_\_\_\_\_

**001-1507**

SHEET NO.: \_\_\_\_\_

**C-3**





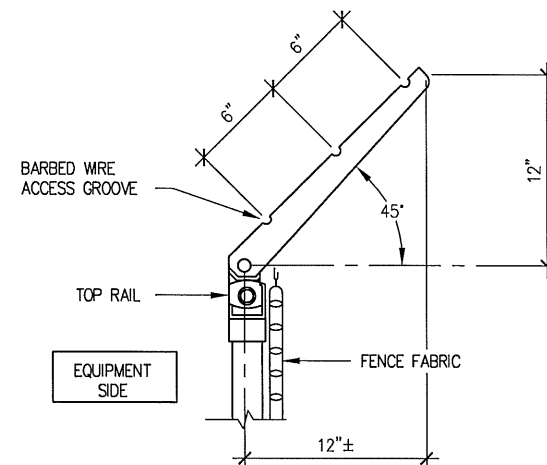
**1 Typical Fence Elevation**  
NO SCALE

**Keynote Legend**

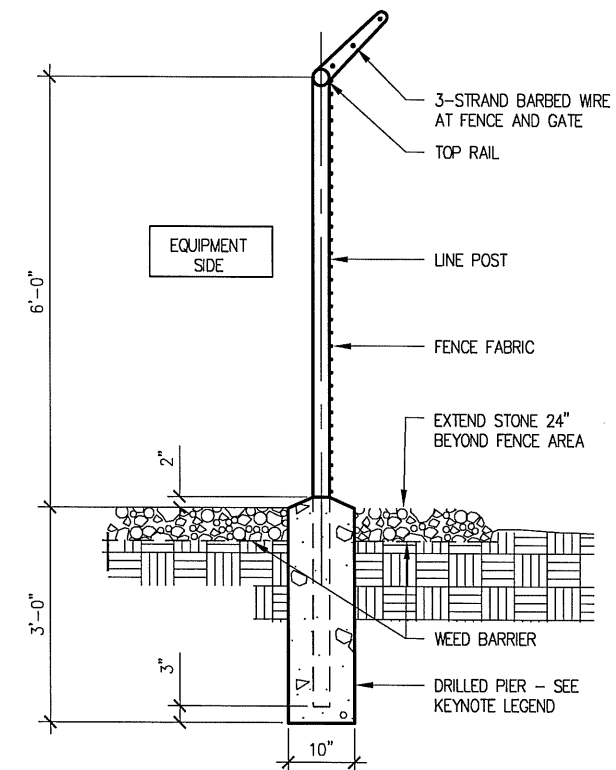
- 1 FABRIC: 9 GAUGE, 2" MESH, ASTM A392 (SEE FENCE SECTION FOR HEIGHT).
- 2 BARBED WIRE: 12 GAUGE WIRE, 4 POINT (3 RUNS), FINISH TO MATCH FABRIC, ASTM A121.
- 3 EXTENSION ARMS: STAMPED STEEL WITH MALLEABLE IRON BASE, FINISH TO MATCH FENCE FRAMEWORK, ASTM F626.
- 4 END AND CORNER POSTS: 3"Ø PIPE SCH. 40 (GALV.) ASTM F1083
- 5 CONCRETE FOUNDATION: 36"x12"Ø (3000 PSI)
- 6 LINE POSTS: 2"Ø PIPE SCH. 40 (GALV.) ASTM F1083
- 7 CONCRETE FOUNDATION: 36"x10"Ø (3000 PSI)
- 8 GATE POSTS: 4"Ø PIPE SCH. 40 (GALV.) ASTM F1083
- 9 CONCRETE FOUNDATION: 48"x12"Ø (3000 PSI)
- 10 TOP RAIL & BRACE RAIL: 1-1/2"Ø PIPE SCH. 40 (GALV.) ASTM F1083
- 11 MIDDLE RAILS: 1-1/2"Ø PIPE SCH. 40 (GALV.) ASTM F1083
- 12 BOTTOM TENSION WIRE: 0.177"Ø METALLIC-COATED STEEL (GALV.), MARCELLED, ASTM A824
- 13 TENSION BARS: 3/16"x3/4", FULL HEIGHT OF FABRIC, FINISH TO MATCH FENCE FRAMEWORK.
- 14 TENSION ROD: 3/8"Ø WITH ADJ. TIGHTNER, FINISH TO MATCH FENCE FRAMEWORK.
- 15 GATE FRAME: 2"Ø SCH. 40 (GALV.) ASTM F1083
- 16 POST CAPS: PER POST DIAMETER.
- 17 GATE HINGES: NON-LIFT-OFF TYPE, OFFSET TO PERMIT 180 DEGREE SWING.
- 18 DOUBLE GATE LATCH: COMMERCIAL STRONG ARM EQUAL TO: DAC INDUSTRIES 615-C ELEVENTH STREET, GRAND RAPIDS, MI 49504
- 19 LOCK CHAIN: 3/8" SIZE, 36" LONG HOT DIP GALVANIZED ZINC COATED. W/ MARINE-GRADE PROGRAMMABLE FOUR DIGIT PADLOCK (SESAME BRAND OR APPROVED EQUAL)

**NOTES:**

1. REFER TO PROJECT SPECIFICATIONS FOR INFORMATION NOT SHOWN IN THE DRAWING.
2. FENCE FABRIC SHALL COMFORM TO CHAIN LINK FENCE MANUFACTURERS INSTITUTE (CLFMI) PRODUCT MANUAL.
3. INSTALL FENCE IN COMPLIANCE WITH ASTM F 567.
4. INSTALL SWING GATES IN COMPLIANCE WITH ASTM F 900.
5. DO NOT BEGIN INSTALLATION AND ERECTION BEFORE FINAL GRADING IS COMPLETED, UNLESS OTHERWISE PERMITTED. INSTALL FENCING ON BOUNDARY LINES INSIDE OF PROPERTY LINE ESTABLISHED BY SURVEY.
6. DRILL OR HAND-EXCAVATE (USING POST - HOLE DIGGER) HOLES FOR POSTS TO DIAMETERS AND SPACINGS INDICATED, IN FIRM, UNDISTURBED OR COMPACTED SOIL. IF NOT INDICATED ON DRAWINGS, EXCAVATE HOLES FOR EACH POST TO MINIMUM DIAMETER RECOMMENDED BY FENCE MANUFACTURER, BUT NOT LESS THAN (4) TIMES LARGEST GROSS-SECTION OF POST.
7. REMOVE POST HOLE SPOILS FROM SITE. DO NOT SET SPOILS ON AGGREGATE WITHOUT ADEQUATE PROTECTION.
8. PROTECT PORTION OF POSTS ABOVE GROUND FROM CONCRETE SPLATTER. PLACE CONCRETE AROUND POSTS AND VIBRATE OR TAMP FOR CONSOLIDATION. CHECK EACH POST FOR VERTICAL AND TOP ALIGNMENT AND HOLD IN POSITION DURING PLACEMENT AND FINISHING OPERATIONS, UNLESS OTHERWISE SHOWN, EXTEND CONCRETE FOOTING 1 INCH ABOVE GRADE AND TROWEL TO A CROWN TO SHED WATER.
9. INSTALL BARBED WIRE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
10. APPLY FABRIC TO OUTSIDE OF FRAMEWORK.



**2 Barbed Wire Detail**  
NO SCALE



**3 Typical Fence Section**  
SCALE: 3/8" = 1'-0"



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DRAWN BY: JJM  
CHECKED BY: DJH

SITE NAME:

**LAWC BARKER  
CELL SITE**

SITE ADDRESS:

2001 MOODIE ROAD  
LAWRENCE, KS 66046

SHEET TITLE:

**FENCE DETAILS**

A&E PROJECT NO.:

001-1507

SHEET NO.: