HWY 33 & NE 123 ST
KS5276
12878688

at&t

NSB
150' - MONOPOLE

ENGINEERING

2006 INTERNATIONAL BUILDING CODE OR ADOPTED CODE
2008 NATIONAL ELECTRIC CODE OR ADOPTED CODE
TIA/EIA-222-F OR ADOPTED CODE

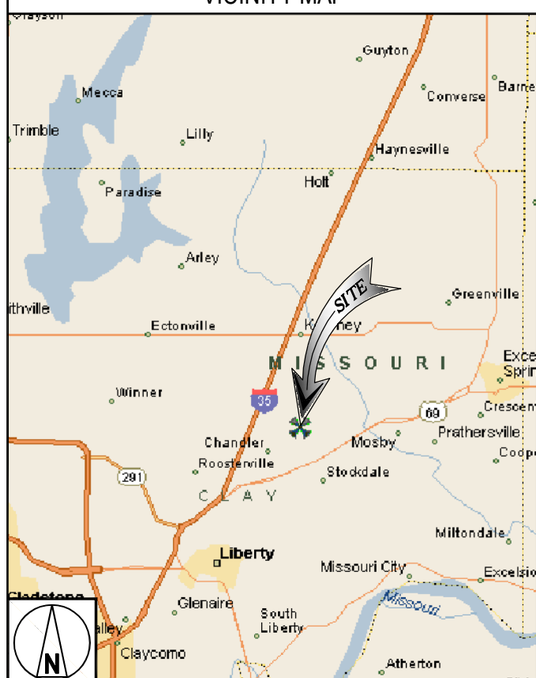
PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS FOR AT&T'S WIRELESS TELECOMMUNICATIONS NETWORK.

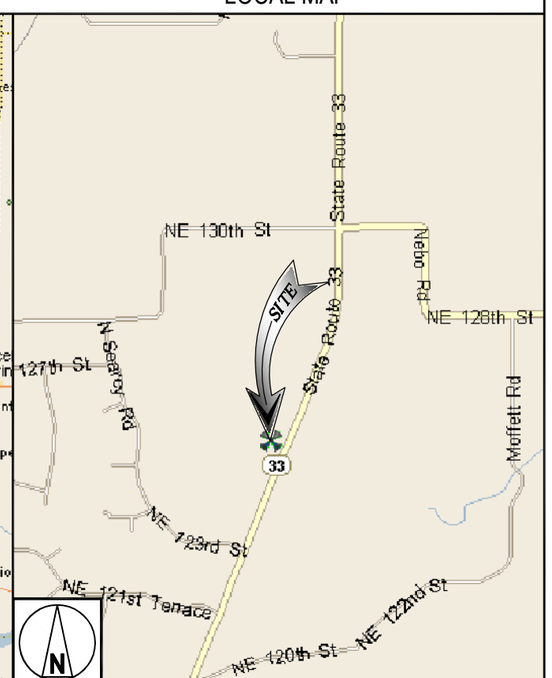
SITE INFORMATION

PROPERTY OWNER:	JOHN AND LISA BLODGETT 12506 33 HWY KEARNEY, MO 64060
TOWER OWNER:	AT&T
SITE CONTACT:	JOHN BLODGETT (816) 863-5102
COUNTY:	CLAY
LATITUDE (NAD 83):	39° 19' 10.911" N 39.319698
LONGITUDE (NAD 83):	-94° 21' 54.338" W -94.365094
ZONING JURISDICTION:	CLAY COUNTY
ZONING DISTRICT:	AGRICULTURE
PARCEL #:	11-502-00-03-004.00
OCCUPANCY GROUP:	U
CONSTRUCTION TYPE:	V-B
POWER COMPANY:	KCPL
TELEPHONE COMPANY:	UNITED PRIVATE NETWORKS
CONSTRUCTION MANAGER:	JOSEPH SUTTON (636) 536-5839
SITE ACQUISITION MANAGER:	WAYNE MEDLIN (913) 458-1678
RF ENGINEER:	SEAN WYRICK (913) 383-4355

VICINITY MAP



LOCAL MAP



NO SCALE

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

DRAWING INDEX

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
LS-1	LAND SURVEY (BY OTHERS)
C-1	OVERALL SITE PLAN
C-1.1	ENLARGED SITE PLAN
C-1.2	SITE PLAN
C-2	ELEVATION

11"x17" PLOT WILL BE HALF SCALE UNLESS OTHERWISE NOTED

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

CONTACT INFORMATION

ENGINEER:	BLACK & VEATCH CORPORATION 10950 GRANDVIEW DRIVE OVERLAND PARK, KS 66210
CONTACT:	GREGORY SCHMIDT
PHONE:	(913) 458-3263

DRIVING DIRECTIONS

DIRECTIONS FROM NEAREST MAJOR INTERSECTION:

FROM I-35 GOING NORTH, TAKE EXIT 20 TO MERGE ONTO MO-33 N/US-69 N. TURN LEFT ONTO CO RD B/MO-33 N. CONTINUE TO FOLLOW MO-33 N FOR ABOUT 2 MILES. SITE IS ON THE LEFT.

UNDERGROUND SERVICE ALERT
UTILITIES PROTECTION CENTER, INC.
811
48 HOURS BEFORE YOU DIG

at&t
7801 FARLEY
OVERLAND PARK, KS 66204

BLACK & VEATCH
10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO:	122041
DRAWN BY:	NDM
CHECKED BY:	GJS

REV	DATE	DESCRIPTION
A	01/03/14	ISSUED FOR REVIEW

PRELIMINARY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

HWY 33 & NE 123RD ST.
KS5276
12506 STATE ROUTE 33
KEARNEY, MO 64060
NSB

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

KS5276 HWY 33 & NE 123RD ST

PART OF THE NE ¼, SEC. 15, T. 52N, R. 31W, IN CLAY COUNTY, MISSOURI

PROPERTY DESCRIPTION: Parent Parcel as Provided

ALL OF LOT 1, KINZLE ACRES, A SUBDIVISION OF LAND IN CLAY COUNTY, MISSOURI, ACCORDING TO THE RECORDED PLAT THEREOF.

NOTE: The parent parcel graphically shown hereon, in full or in part, is the same as that described above.

Property information shown hereon was provided by AMC Settlement Services, Order No. 9079071, effective date 11–07–2013.

Information affecting Lease Area is noted unless shown hereon.

Information not shown hereon: NONE

Notes:

Bearings shown hereon are based on Missouri State Plane Coordinate System of 1983 (NAD 83).

Coordinates were derived using GPS Static Survey methods and post processed data with Magellan/Ashtech receivers and "Locus System" processor software.

Set 1/2" iron bar at Lease corners unless otherwise noted.

The purpose of this survey is to establish and describe a Lease Parcel and associated easements. This is not a boundary survey of the Parent Parcel.

The utilities as shown on this drawing were developed from the information available (existing utility maps, aboveground observations and or surface markings placed on the ground by the utility company or a representative thereof). This company has made no attempt to excavate or go below surface to locate utilities and does not extend or imply a guaranty or warranty as to the exact location of or complete inventory of utilities in this area. It shall be the contractors responsibility to verify the location and depth of all utilities (whether shown or not) prior to excavation or construction and to protect said utilities from damage.

PROPERTY DESCRIPTION: LEASE AREA, ACCESS/UTILITY EASEMENT, AND UTILITY EASEMENT

A 75 foot by 75 foot Lease Area, a 20 foot wide Access/Utility Easement, and a 5 foot wide Utility Easement, situated in Lot 1, KINZLE ACRES, in Clay County, Missouri, more particularly described as follows:

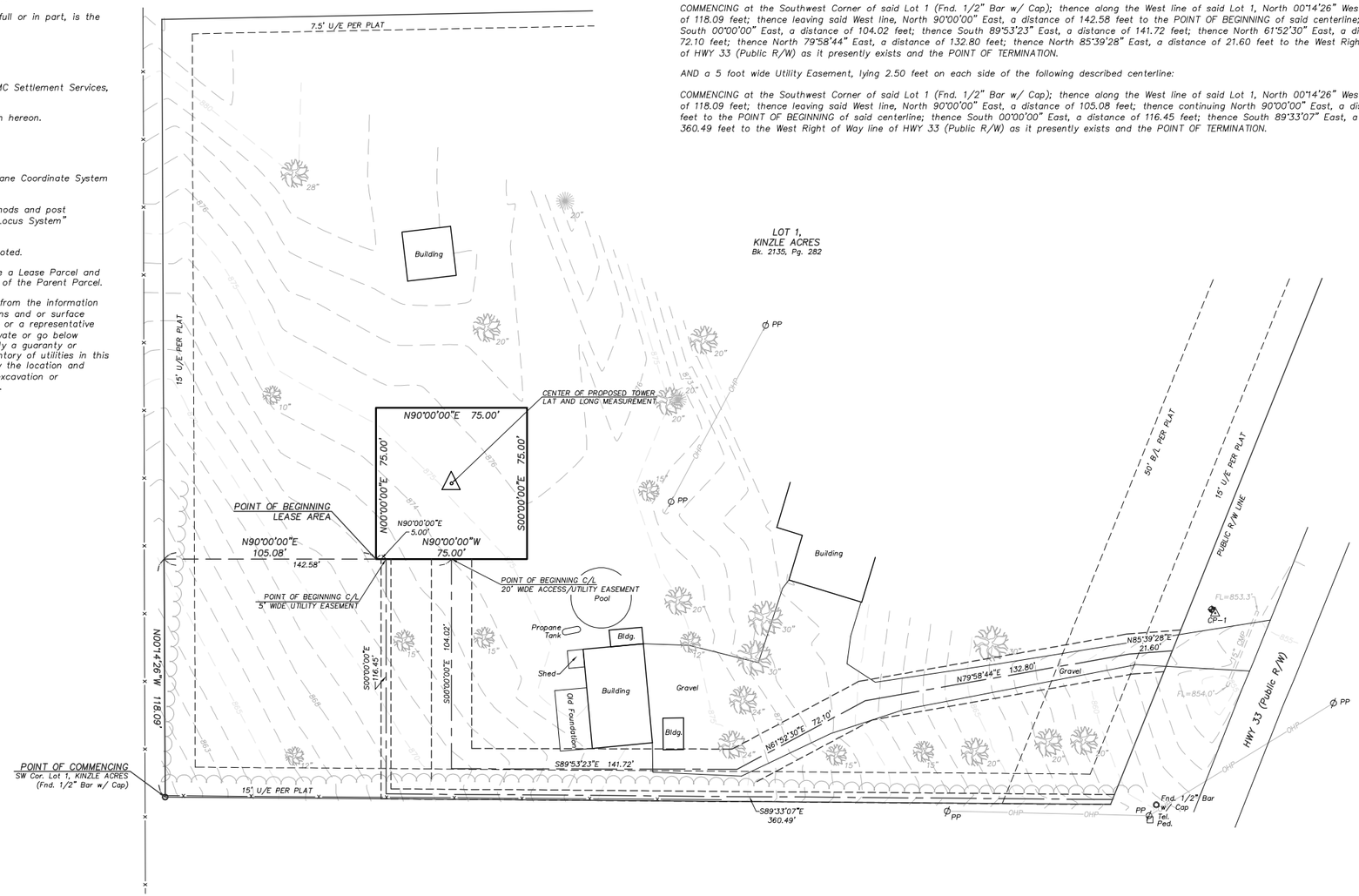
COMMENCING at the Southwest Corner of said Lot 1 (Fnd. 1/2" Bar w/ Cap); thence along the West line of said Lot 1, North 00°14'26" West, a distance of 118.09 feet; thence leaving said West line, North 90°00'00" East, a distance of 105.08 feet to the POINT OF BEGINNING of said Lease Area; thence North 00°00'00" East, a distance of 75.00 feet; thence North 90°00'00" East, a distance of 75.00 feet; thence South 00°00'00" East, a distance of 75.00 feet; thence North 90°00'00" West, a distance of 75.00 feet to the POINT OF BEGINNING. Containing 5,625 square feet.

A 20 foot wide Access/Utility Easement, lying 10.00 feet on each side of the following described centerline:

COMMENCING at the Southwest Corner of said Lot 1 (Fnd. 1/2" Bar w/ Cap); thence along the West line of said Lot 1, North 00°14'26" West, a distance of 118.09 feet; thence leaving said West line, North 90°00'00" East, a distance of 142.58 feet to the POINT OF BEGINNING of said centerline; thence South 00°00'00" East, a distance of 104.02 feet; thence South 89°53'23" East, a distance of 141.72 feet; thence North 61°52'30" East, a distance of 72.10 feet; thence North 79°58'44" East, a distance of 132.80 feet; thence North 85°39'28" East, a distance of 21.60 feet to the West Right of Way line of HWY 33 (Public R/W) as it presently exists and the POINT OF TERMINATION.

AND a 5 foot wide Utility Easement, lying 2.50 feet on each side of the following described centerline:

COMMENCING at the Southwest Corner of said Lot 1 (Fnd. 1/2" Bar w/ Cap); thence along the West line of said Lot 1, North 00°14'26" West, a distance of 118.09 feet; thence leaving said West line, North 90°00'00" East, a distance of 105.08 feet; thence continuing North 90°00'00" East, a distance of 5.00 feet to the POINT OF BEGINNING of said centerline; thence South 00°00'00" East, a distance of 116.45 feet; thence South 89°33'07" East, a distance of 360.49 feet to the West Right of Way line of HWY 33 (Public R/W) as it presently exists and the POINT OF TERMINATION.



LEGEND

POWER POLE	PP
TELEPHONE PEDESTAL	Tel. Ped.
ELECTRIC TRANSFORMER	Elec. Trans.
ANCHOR	
BENCHMARK	
CONTROL POINT	
PROPERTY CORNER	
TOWER POINT	
TREE (DIA.)	
PINE TREE (DIA.)	
TREE LINE	
FENCE	x
OVERHEAD POWER LINE	OHP

PROPOSED CELL TOWER DATA
Center of Tower
Lat 39°19'10.911" North
Long 94°21'54.338" West

Ground Elevation = 875ft

BENCH MARK
Top of 1/2" Iron Bar w/
Control Cap at CP–1
Elevation = 854.77ft

CERTIFICATION:

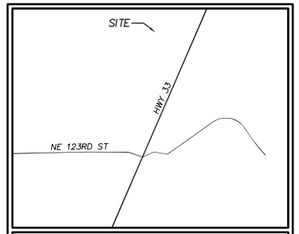
I HEREBY CERTIFY THAT A SURVEY WAS MADE BY ME, OR UNDER MY DIRECT SUPERVISION, ON THE GROUND OF THE LEASE AREA, LEASE ACCESS EASEMENT, AND LEASE UTILITY EASEMENT PREMISES HEREIN DESCRIBED, AND THE RESULTS OF SAID SURVEY ARE REPRESENTED HEREON. THIS SURVEY WAS EXECUTED IN ACCORDANCE WITH THE CURRENT MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS OVER SAID LEASE PREMISES TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

_____
JEFFREY B. LOVELACE MO–LS2580

DATE: _____

01–02–14: REVISED TYPO
12–23–13: ADDED TITLE AND A/E

Certificate of Authority:
Missouri – 2002026538
Kansas – LS–154



LOVELACE & ASSOCIATES
Land Surveying - Land Planning
Telecommunications Surveys
929 SE 3rd Street Lee's Summit, Missouri 64063
Phone: (816) 347-9997 Fax: (816) 347-9979

SURVEY COORDINATED BY:

LOVELACE AND ASSOCIATES, LLC
P.O. BOX 68,
LEE'S SUMMIT, MO 64063
TELEPHONE: 816–347–9997
FAX: 816–347–9979

SURVEY PROVIDED BY:

LOVELACE AND ASSOCIATES, LLC
P.O. BOX 68,
LEE'S SUMMIT, MO 64063
TELEPHONE: 816–347–9997
FAX: 816–347–9979

SURVEY PROVIDED FOR:

BLACK & VEATCH CORPORATION
10950 GRANDVIEW DRIVE,
OVERLAND PARK, KS 66210
TELEPHONE: 913–458–3263

SCALE 1" = 30'
30' 0 30' 60'

FLOOD NOTE:

According to my interpretations of Community Panel No. 2900960004B of the Flood Insurance Rate Map for Clay County, Missouri, dated 02–01–1985, the subject property is in Flood Zone "X", ie. "areas determined to be Outside 500 year flood plain".

CALL BEFORE YOU
DIG – DRILL – BLAST
1-800-344-7483
(TOLL FREE)
MISSOURI ONE CALL SYSTEM, INC.

SITE I.D.: KS5276

SITE NAME: HWY 33 & NE 123RD ST

SITE LOCATION:
CITY OF KEARNEY
CLAY COUNTY, MO

LA PROJECT NO.: 13535

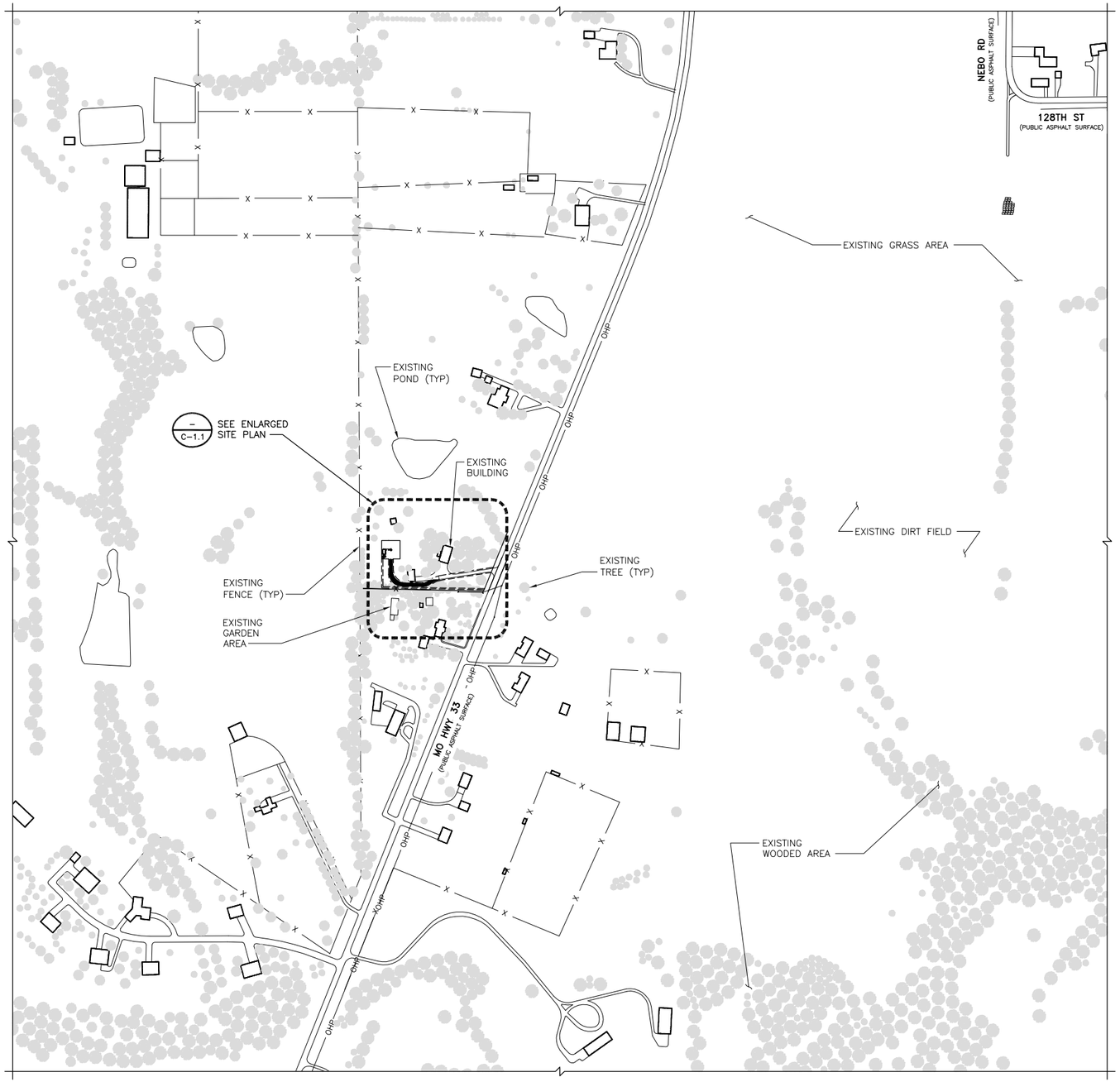
DRAWN BY: A.C.T.

CHECKED BY: J.B.L.

DATE: 12–17–13

FIELDWORK DATE: 12–04–13

SHEET NUMBER
1 OF 1



1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED LTE GPS ANTENNA AND TRANSMITTING ANTENNAS.
3. PROPERTY LINES ARE APPROXIMATIONS ONLY.
4. ANTENNAS & MOUNTS OMITTED FOR CLARITY.

NOTES

LEGEND

FENCE	—— x —— x —— x ——
LEASE AREA	— — — — — — — — — —
ICE BRIDGE	
OVERHEAD POWER	—— OHP —— OHP —— OHP ——
UNDERGROUND POWER	— UGP — UGP — UGP — UGP —
OVERHEAD UTILITIES	—— OHU —— OHU —— OHU ——
UNDERGROUND TELCO	— UGT — UGT — UGT — UGT —

N

256' 128' 64' 0 256' 512'

1/256"=1'-0"

OVERALL SITE PLAN

at&t

7801 FARLEY
OVERLAND PARK, KS 66204

BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO:	122041
DRAWN BY:	NDM
CHECKED BY:	GJS

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HWY 33 & NE 123RD ST.
KS5276
12506 STATE ROUTE 33
KEARNEY, MO 64060
NSB

SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

C-1

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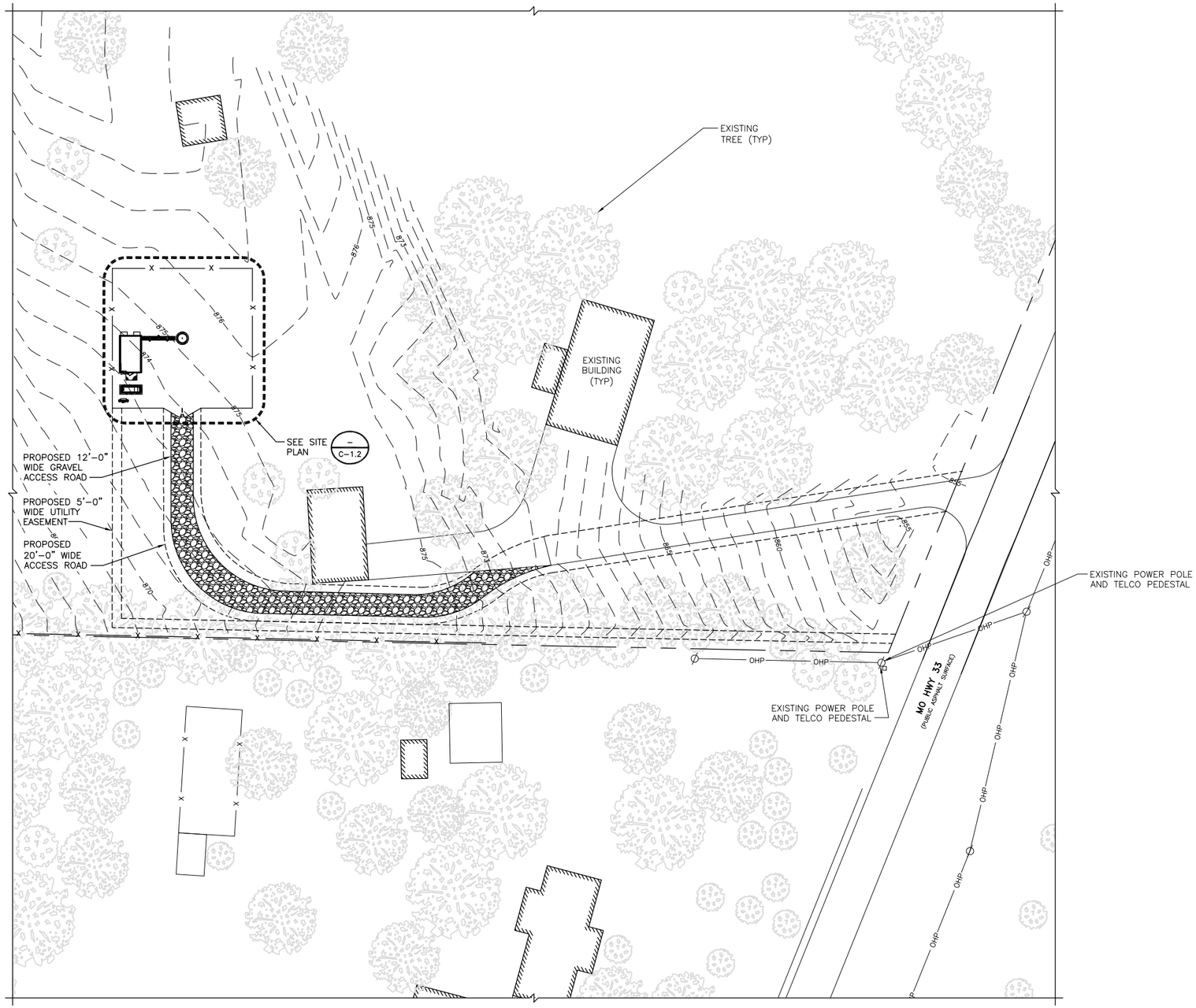

ENLARGED SITE PLAN

32' 24'16' 8' 0 32' 64'
1/32"=1'-0"

LEGEND

FENCE	— x — x — x —
LEASE AREA	— — — — — — — — — —
ICE BRIDGE	
OVERHEAD POWER	— OHP — OHP — OHP —
UNDERGROUND POWER	— UGP — UGP — UGP — UGP —
OVERHEAD UTILITIES	— OHU — OHU — OHU —
UNDERGROUND TELCO	— UGT — UGT — UGT — UGT —

at&t

7801 FARLEY
OVERLAND PARK, KS 66204

BLACK & VEATCH

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OVERLAND PARK, KANSAS 66210
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SHEET TITLE

ENLARGED SITE PLAN

SHEET NUMBER

C-1.1

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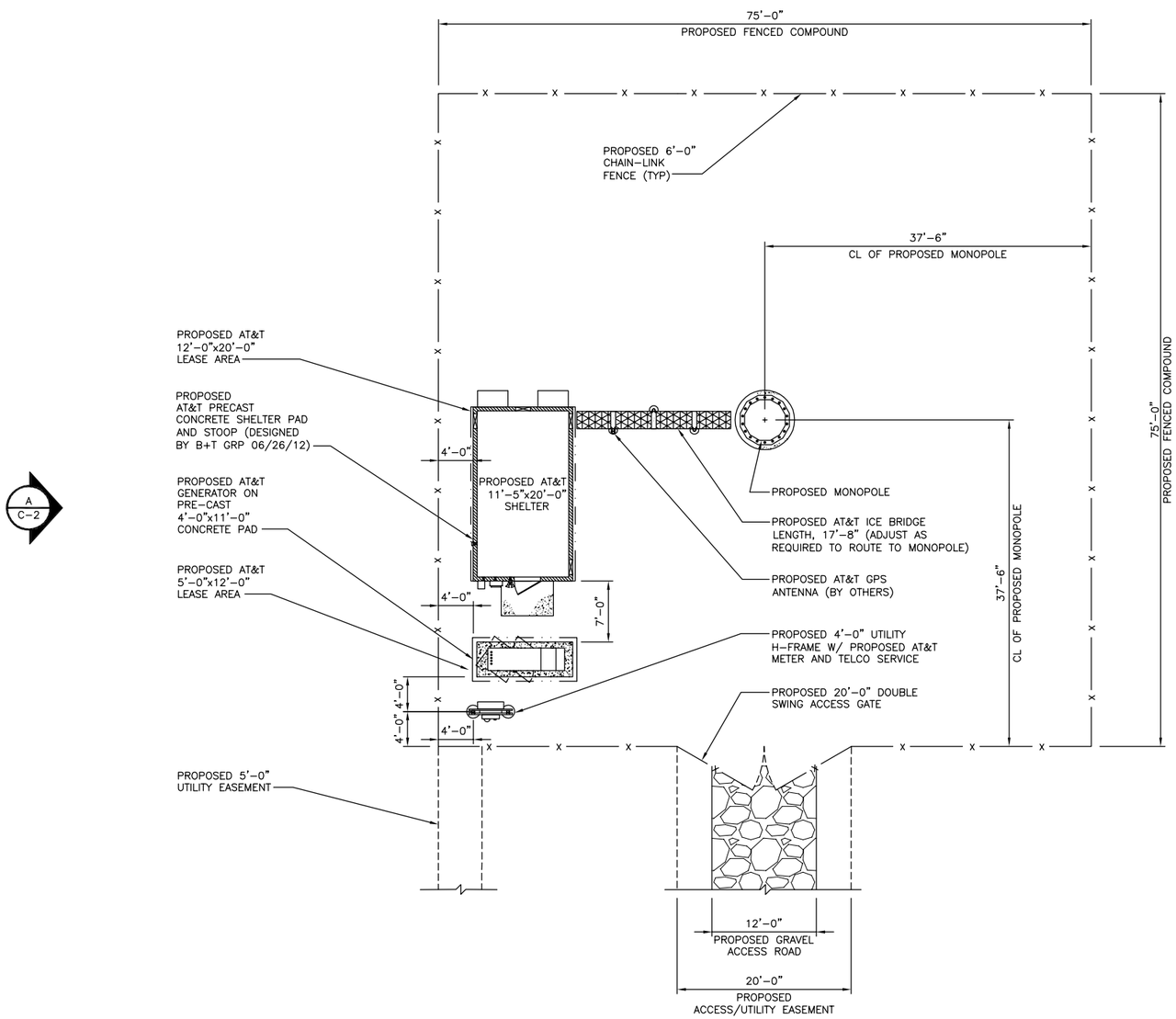
NOTES



SITE PLAN

8' 4' 0 8' 16'
1/8"=1'-0"

N

at&t

7801 FARLEY
OVERLAND PARK, KS 66204

BLACK & VEATCH

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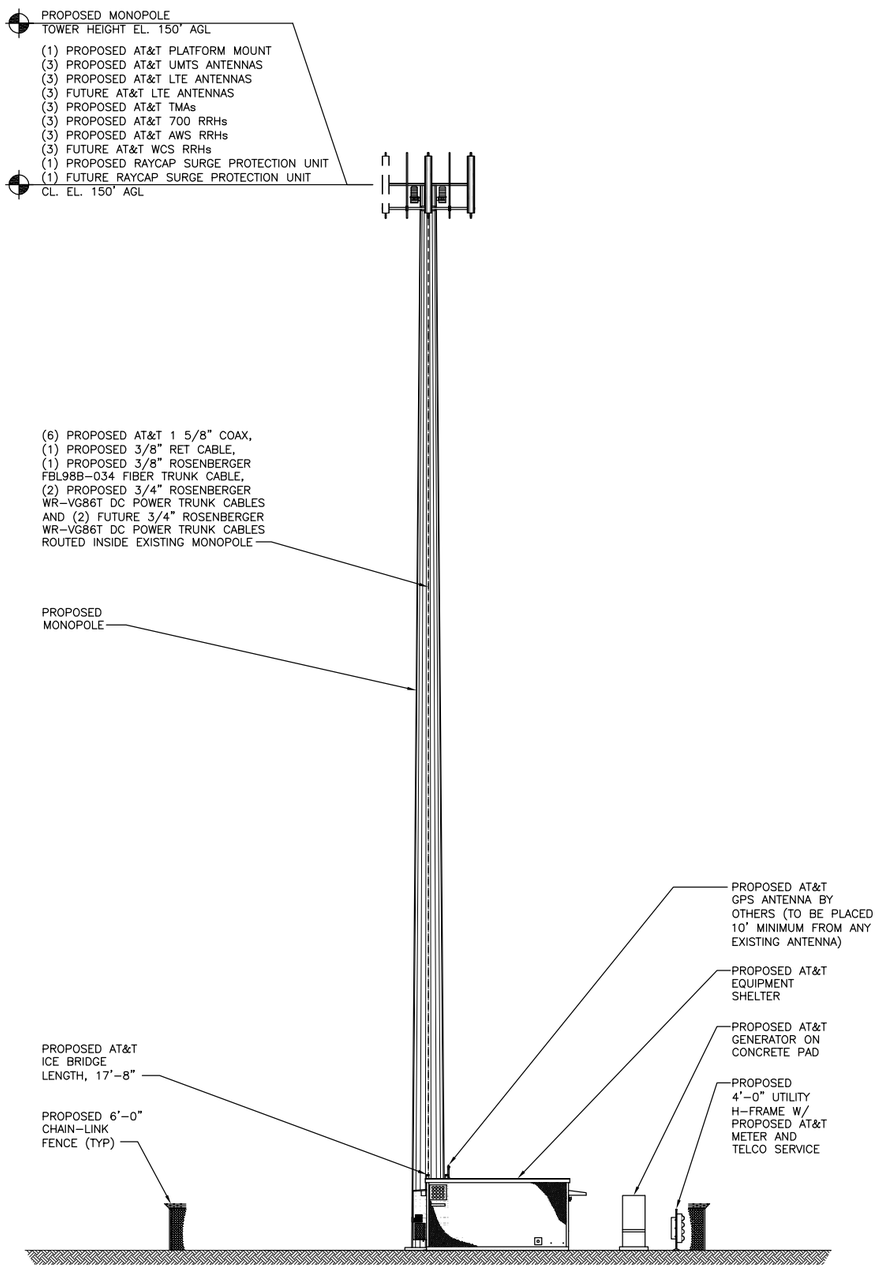
12506 STATE ROUTE 33
KEARNEY, MO 64060
NSB

SHEET TITLE
SITE PLAN

SHEET NUMBER
C-1.2



NOTES:

1. FENCE NOT ENTIRELY SHOWN FOR CLARITY.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS ANTENNA AND TRANSMITTING ANTENNAS.
3. THE PROPOSED TOWER IS CURRENTLY BEING DESIGNED BY OTHERS TO CARRY THE PROPOSED NEW COAX AND ANTENNAS. THESE DRAWINGS HAVE BEEN CREATED BASED ON THE ASSUMPTION THAT THE STRUCTURAL DESIGN WILL SHOW THAT THE TOWER HAS SUFFICIENT CAPACITY TO SUPPORT THE PROPOSED NEW LOADS. INSTALLATION OF THE COAX AND ANTENNAS SHALL NOT COMMENCE UNTIL AN APPROVED STRUCTURAL ANALYSIS HAS BEEN RECEIVED BY THE OWNER OR AT&T AND HAS BEEN REVIEWED BY BLACK & VEATCH. CONTRACTOR SHALL REFERENCE THE TOWER STRUCTURAL ANALYSIS/DESIGN DRAWINGS FOR DIRECTIONS ON CABLE DISTRIBUTION/ROUTING.

PROPOSED ELEVATION

SEE DRAWING C-1.2

12' 8' 4' 0 10' 20'

3/32"=1'-0"

A

at&t

7801 FARLEY
OVERLAND PARK, KS 66204

BLACK & VEATCH

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OVERLAND PARK, KANSAS 66210
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SHEET NUMBER

C-2