

# Woodbury County Secondary Roads Department

759 E. Frontage Road • Moulton, Iowa 50039  
Telephone (712) 279-6484 • (712) 873-3215 • Fax (712) 873-3235

2019 APR 23 PM 4 18

7  
4/9/19

COUNTY ENGINEER  
Mark J. Nagra, P.E.  
mnagra@woodburycountyia.gov

ASSISTANT TO THE COUNTY ENGINEER  
Benjamin T. Kusler, E.I.T.  
bkusler@woodburycountyia.gov

AUDITOR RECORDER SECRETARY  
Tish Brice  
tbrice@woodburycountyia.gov

## WOODBURY COUNTY SECONDARY ROAD DEPARTMENT PERMIT & AGREEMENT TO PERFORM WORK WITHIN WOODBURY COUNTY RIGHT OF WAY

Name of Permittee: USCOC of Greater Iowa, LLC Phone No.: 515-205-0037

Mailing Address: 12020 Ridgeman Dr., Urbandale, IA 50322

Township: 86 North Section: 29 and 30

Woodbury County, State of Iowa, and USCOC of Greater Iowa, LLC (hereinafter referred to as property owner, organization or authorized representative) do hereby enter into the following permit and agreement:

1. Woodbury County hereby consents to and grants permission to the property owner, organization or authorized representative, to conduct the following described construction or activities within the right-of-way:  
To plow snow on the frontage road to access tower site;  
as needed

2. In consideration of Woodbury County granting said permission and consent, the property owner, organization or authorized representative hereby promises and agrees to the following:

A. The applicant shall carry on the construction, repair and maintenance with serious regard to the safety of the traveling public and adjacent property owners.

B. The property owner, organization or authorized representative, at his/her own expense, shall provide all safety measures and warning devices necessary to protect the traveling public such as but not limited to, signs, lights, and barricades during the day and at night if the roadway will be obstructed. Traffic protection shall be in accordance with Part VI of the current Manual on Uniform Traffic Control Devices for Streets and Highways. The Department will loan the required signs to the applicant who shall be responsible for placing the signs and covering or removing when not in use, removal after the work has been completed, and return of the Department owned signs to the Department maintenance facility from which obtained. The applicant shall be responsible for correctly using signs as needed while work is in progress. Flagging operations are the responsibility of the applicant.

C. In placing any drainage structure, no natural drainage course will be altered or blocked.

D. The finished project shall be left in a satisfactory condition subject to the approval of the County Engineer. The traveled portion of the roadway shall not be damaged or disturbed. The property owner, organization or authorized representative assumes all liability and agrees to reimburse Woodbury County for any damage to the roadway or ditch caused by placement of this structure. Permittee is to call County Engineer for upon completion for final inspection.

E. The property owner, organization or authorized representative shall notify all appropriate telephone and utility companies in advance of any excavation and shall check for underground electric or telephone lines.

F. Woodbury County will not assume any of the cost of the construction of the said improvement or structure nor will Woodbury County assume any future costs for maintenance or replacement of said improvement or structure. If in the best interest of Woodbury County, the said improvement or structure may be removed by the County, or may be caused to be removed, without any obligation by Woodbury County to pay damages or cost of replacement.

G. Property owner, organization or authorized representative will reseed and mulch the disturbed areas. Property owner, organization or authorized representative will be responsible for seed, mulch, and labor unless otherwise provided in section L.

H. The property owner, organization, or authorized representative hereby agrees to hold Woodbury County and the Woodbury County Secondary Road Department, its employees and agents harmless against any and all claims for damages and personal injury arising out of work performed or actions taken by the applicant related to the construction or maintenance of the facility. The applicant further agrees to reimburse the County or the Department for any expenditures that the County or Department may have to make on said highway rights of way on account of said applicant's construction or maintenance activity or other activities or lack thereof. The applicant shall also save Woodbury County and the Woodbury County Secondary Road Department harmless of any damage or losses that may be sustained by the traveling public on account of such construction, repair or maintenance operations, or other activities.

I. FAILURE TO CONFORM TO OR TO ACQUIRE A PERMIT IS A VIOLATION OF SECTION 318.8, 2009 CODE OF IOWA. This permit is subject to any laws now in effect or any laws that may be hereafter enacted and all applicable rules and regulations of local, state and federal agencies. This permit is subject to all the rules and regulations of Woodbury County and the Woodbury County Secondary Road Department.

J. This permit is subject to revocation by the Department at any time and at no cost to the Department, when in the judgment of the Department it is necessary in the improvement or maintenance of the highway or for other reasonable cause.

K. All proposed work covered by this permit shall be at the applicant's expense. The applicant shall reimburse the Woodbury County Secondary Road Department for any materials removed from the highway right of way described as follows:

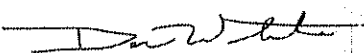
\_\_\_\_\_  
\_\_\_\_\_

L. Woodbury County agrees to provide the following contribution toward completion of this project:


\_\_\_\_\_  
\_\_\_\_\_

M. All work done by property owner, organization or authorized representative pursuant to this agreement shall be completed prior to the 31st day of December, 2019

Entered into this 9th day of April, 2019

  
\_\_\_\_\_  
Sr. Project Mgr.

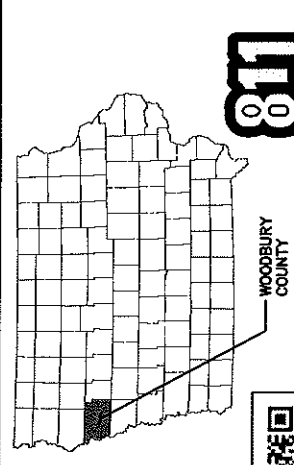
Signature of Property Owner or Authorized Representative

  
\_\_\_\_\_  
Woodbury County Engineer

  
\_\_\_\_\_  
Chair, Woodbury County Board of Supervisors

**STATE MAP**

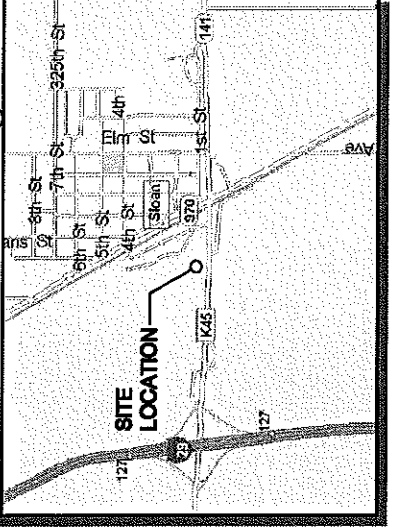
SCALE: NONE



1-800-262-8680

**LOCATION MAP**

SCALE: NONE



**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THE PROFESSIONAL ENGINEER HAS REVIEWED AND APPROVED THE DESIGN AND CONSTRUCTION OF THE PROJECT DESCRIBED HEREIN AND THAT HE IS A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

DESIGNED BY: MICHAEL J. TRELLO DATE: 02/27/19

NAME: MICHAEL J. TRELLO  
 LICENSE NUMBER: 23325  
 BY LICENSE REISSUED DATE: 12/28/20  
 PLACES ON SHEETS COVERED BY THIS SEAL: C-1, N-1, N-2, N-3, N-4, N-5, N-6, N-7, N-8, N-9, C-1.0, C-1.1, C-2.0, C-2.1, C-3.0, C-3.1, C-4.0, C-4.1, C-4.2, C-4.3, C-4.4, C-4.5, C-4.6, C-4.7, C-5.0, C-5.1, C-5.2, C-5.3, C-6.0, C-7.0, C-8.0, C-9.0, C-10.0, C-11.0, C-12.0, C-13.0, C-14.0, C-15.0

CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGN FIRM IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



809321

**SLOAN - CANDIDATE C**

NORTH SIDE OF FRONTAGE ROAD HWY-141 - (NOT E-911 ADDRESS)  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 PROJECT # 18-06-31-07  
 NEW SITE BUILD

**ACCESS AND LOCATION INFORMATION**

LATITUDE: N42° 13' 45.85" (42.2294037)  
 LONGITUDE: W96° 13' 54.75" (-96.231875)  
 ELEVATION AT GRADE: 1069'  
 TOWER TYPE: SELF-SUPPORT TOWER  
 SPECIAL ACCESS ISSUES: N / A  
 GATE COMBO: N / A

**PROJECT TEAM**

PROPERTY OWNER:  
 JAMES AND JAY KIRKENDALL  
 210 BUCKLEY ST  
 SLOAN, IOWA 51055  
 CONTACT:  
 JAMES KIRKENDALL  
 (712) 420-0680

PROJECT CONTACT:  
 U.S. CELLULAR  
 12020 RIDGEMONT DR.  
 URBANDALE, IA 50323  
 DAN WHITE  
 (515) 205-0037

DESIGN FIRM:  
 PBM WIRELESS SERVICES  
 3820 DEVELOPERS ROAD  
 INDIANAPOLIS, IN 46227  
 (815) 931-8288  
 JEFF PFAFF

ELECTRIC PROVIDER:  
 MIDAMERICAN ENERGY  
 (712) 676-3910  
 FIBER PROVIDER:  
 T.B.D.

**PROJECT SUMMARY**

JURISDICTION:  
 SLOAN CITY  
 CURRENT ZONING:  
 AP - AGRICULTURAL PRESERVATION DISTRICT  
 PARCEL NUMBER:  
 86-4630400006  
 86-4629351012

**SHEET INDEX**

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	0
N-1	GENERAL NOTES	0
N-2	GENERAL NOTES	0
N-3	GENERAL NOTES	0
N-4	GENERAL NOTES	0
N-5	GENERAL NOTES	0
N-6	GENERAL NOTES	0
N-7	SYMBOLS & ABBREVIATIONS	0
C-1.0	PARTIAL SITE PLAN	0
C-1.1	GRADING PLAN	0
C-2.0	COMPOUND PLAN	0
C-3.0	ELEVATION	0
C-4.0	ANTENNA INFORMATION & DETAILS	0
C-4.1	RDP INFORMATION (REF ONLY)	0
C-4.2	RF PLUMBING DIAGRAM (REF ONLY)	0
C-4.3	RAYCAP INFORMATION (REF ONLY)	0
C-4.4	EQUIPMENT INFORMATION (REF ONLY)	0
C-4.5	HYBRID & CBL COLOR CODING (REF ONLY)	0
C-4.6	CABLING INFO. & DETAILS (REF ONLY)	0
C-4.7	COAX CABLE BANDINGS DETAILS (REF ONLY)	0
C-5.0	PLATFORM LAYOUT	0
C-5.1	PLATFORM & DETAILS	0
C-5.2	PLATFORM DETAILS	0
C-6.0	ICE BRIDGE & DETAILS	0
C-7.0	FENCE DETAILS	0
C-8.0	FENCE DETAILS	0
C-9.0	CIVIL DETAILS	0
C-10.0	UTILITY SITE PLAN	0
C-10.1	ONE-LINE DIAGRAM	0
C-10.2	EQUIPMENT SCHEMATIC	0
C-11.0	ELECTRICAL DETAILS	0
C-12.0	GROUNDING PLAN	0
C-13.0	GROUNDING RISER	0
C-14.0	GROUNDING DETAILS	0
C-15.0	GROUNDING DETAILS	0
SUR-1	SITE SURVEY	0
SUR-2	SITE PLAN	0
SUR-3	LEASE AREA & EASEMENTS	0
SUR-4	DESCRIPTIONS	0
-	-	-
-	-	-

**CODE COMPLIANCE**

WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY CITY OF SLOAN, WOODBURY COUNTY, STATE OF IOWA & OTHER GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

IBC (2016) IFC (2015) NEC (2017) ECC (2012)  
 TIA/EIA-222G OR LATEST EDITION

U.S. Cellular  
 12020 RIDGEMONT DRIVE  
 URBANDALE, IA 50323



DATE	DESCRIPTION
01/07/19	INTERNAL REVIEW
01/15/19	90% REVIEW
02/11/19	RD/PERMIT

809321 - SLOAN - CANDIDATE C  
 NORTH SIDE OF FRONTAGE ROAD HWY-141  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 NEW SITE BUILD - SELF SUPPORT TOWER

PROJ # 18-06-31-07  
 DWG BY: ST  
 CHKD BY: JAP

SHEET TITLE  
 TITLE SHEET  
 SHEET NUMBER  
 T-1

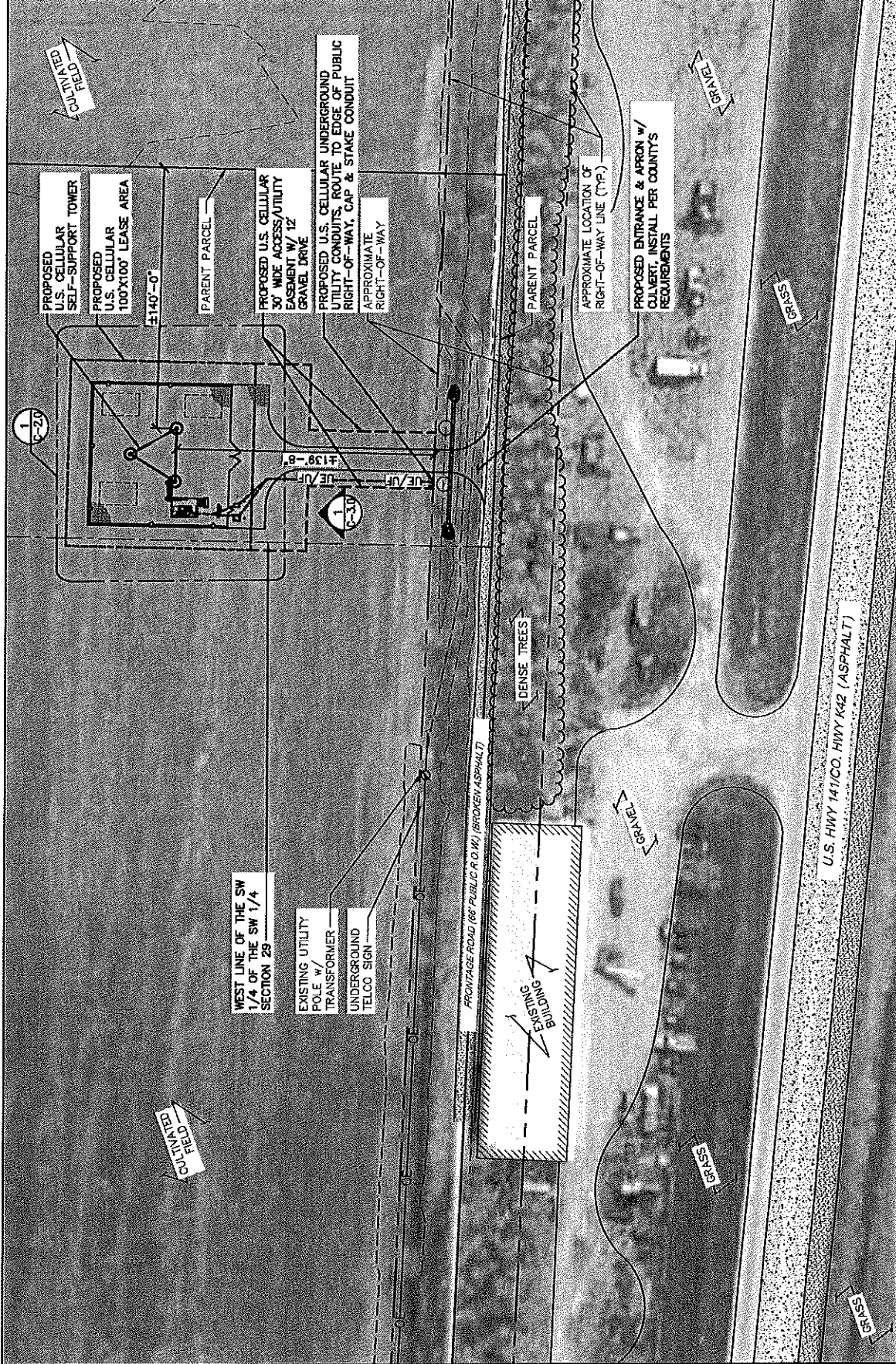
U.S. Cellular  
 12020 REDGOMONT DRIVE  
 URBANDALE, IA 50333



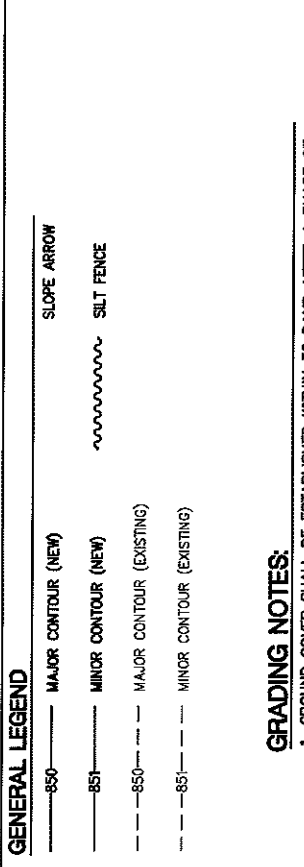
A	01/15/19	90% REMEW
B	02/11/19	BD/PERMIT

PROJ # 18-06-31-07  
 DWG BY: ST  
 CHKD BY: JAP  
 NEW SITE BUILD - SELF SUPPORT TOWER  
 NORTH SIDE OF FRONTAGE ROAD HWY 142  
 SLOAN, IA 51085 - WOODBURY COUNTY

SHEET TITLE  
 PARTIAL  
 SITE PLAN  
 SHEET NUMBER  
**C-10**

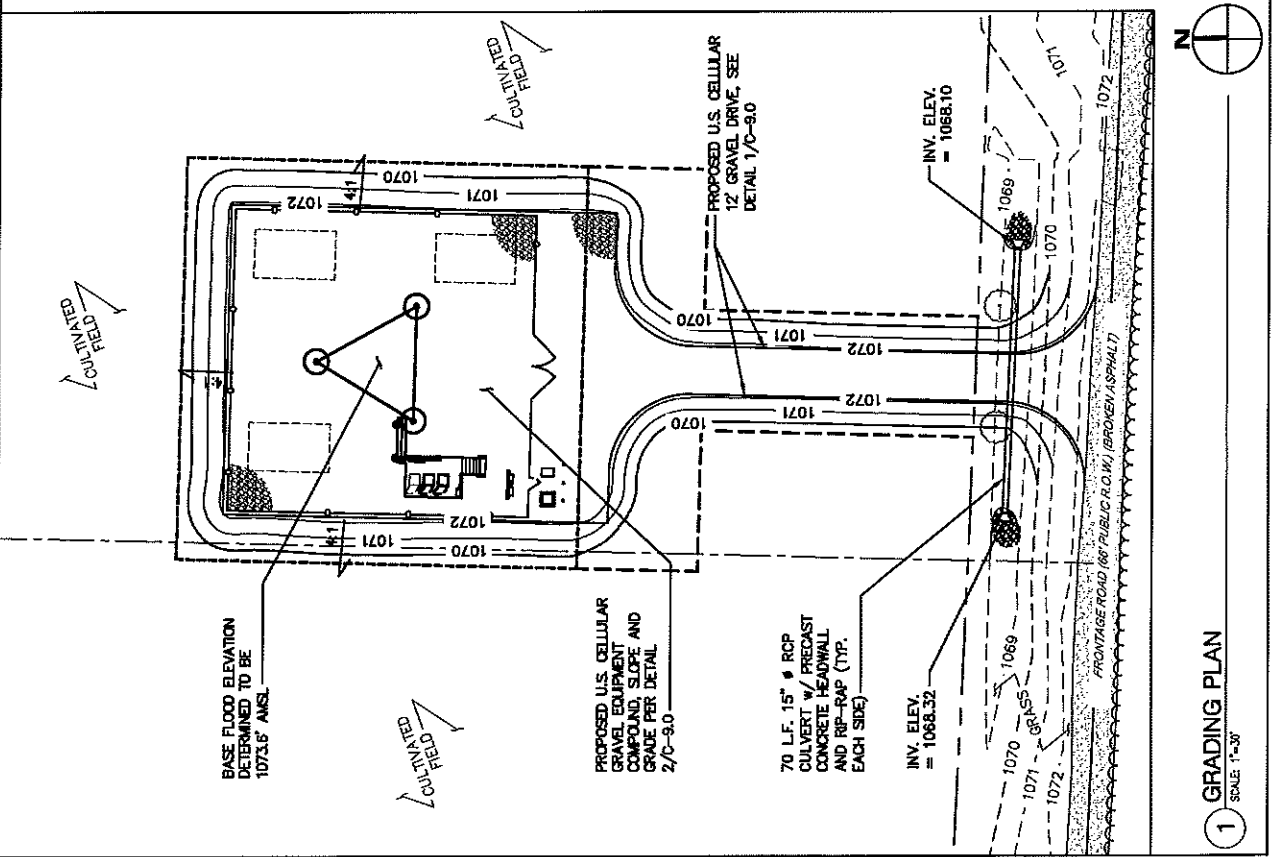
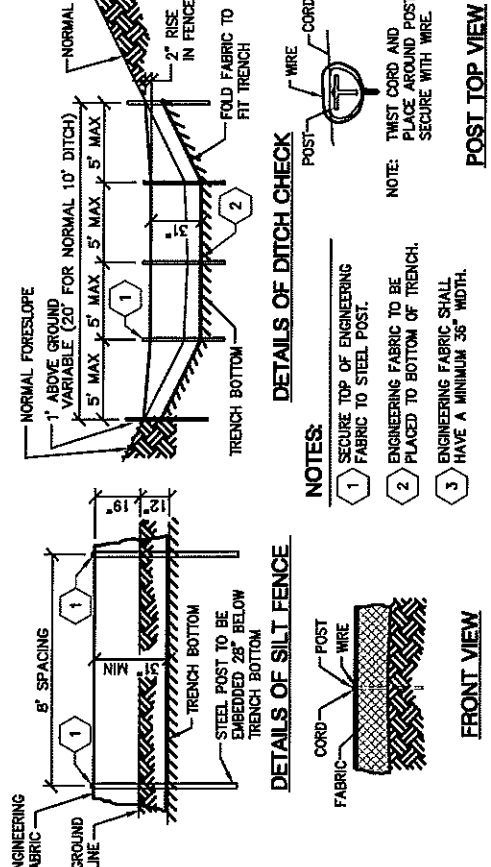
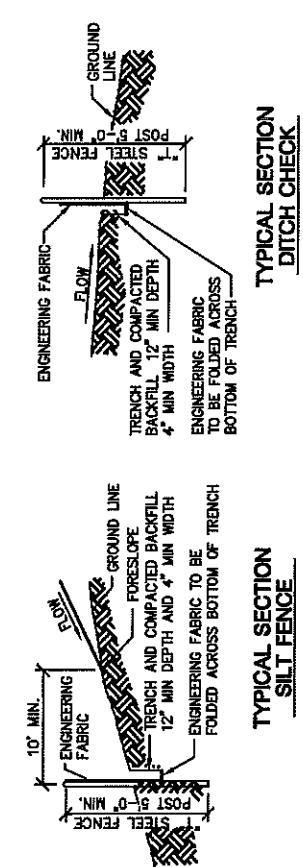


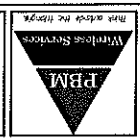
**1** PARTIAL SITE PLAN  
 SCALE: 1"=50'



### GRADING NOTES:

- GROUND COVER SHALL BE ESTABLISHED WITHIN 30 DAYS AFTER A PHASE OF GRADING WORK IS COMPLETED OR BY APRIL 1 OF THE NEXT YEAR IF COMPLETION IS AFTER OCTOBER 1 IN ORDER TO PREVENT EROSION OF FINISHED GRADING. SUCH GROUND COVER MUST BE MAINTAINED IN SUCH A MANNER AS TO ASSURE THE LONG-TERM STABILITY OF THE GRADING.

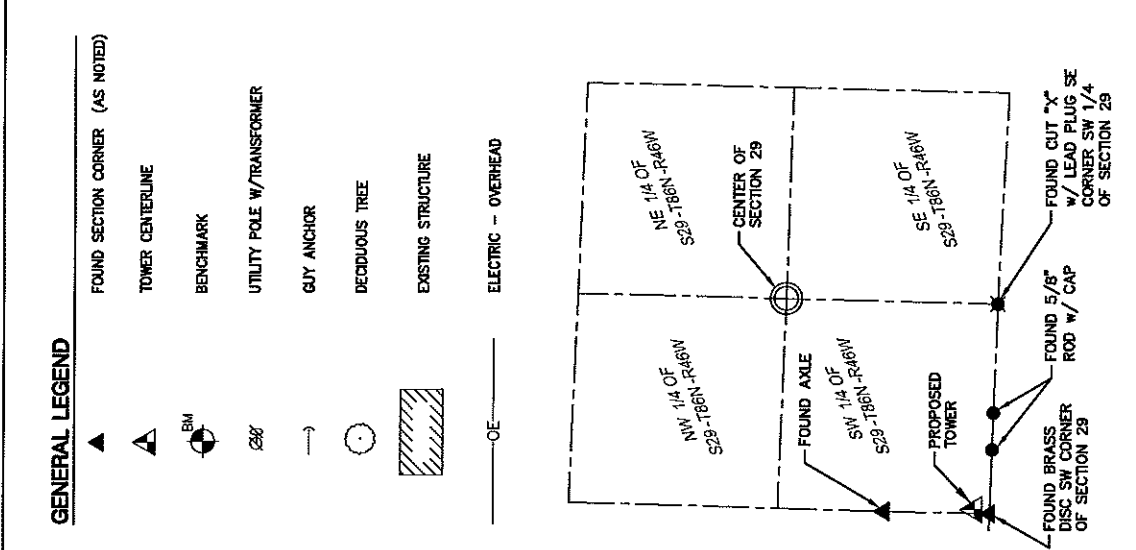




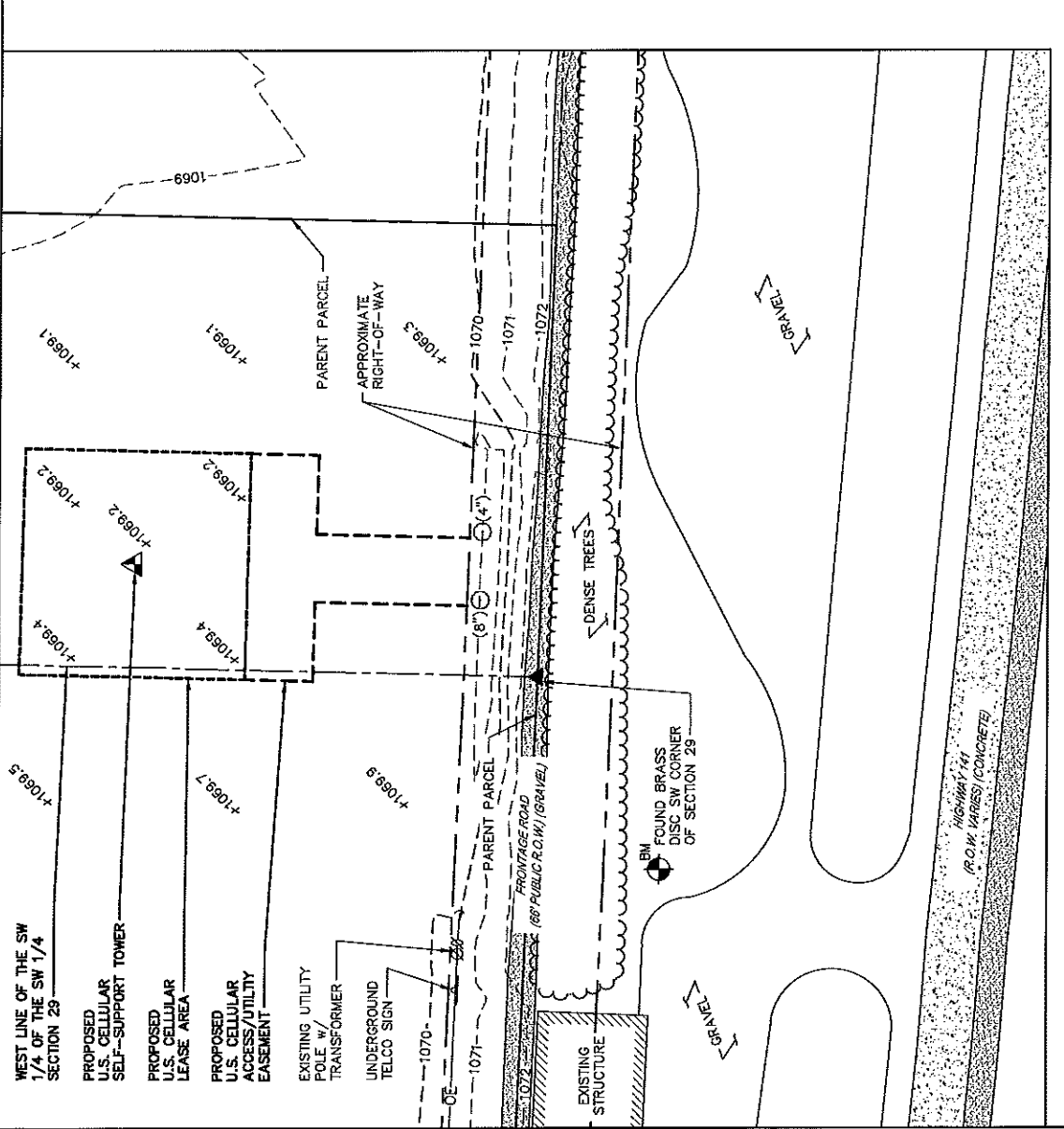
A	01/07/19	INTERNAL REVIEW
B	01/15/19	90% REVIEW
C	02/11/19	BID/PERMIT

PROJ #	18-06-31-07
DWG BY:	ST
CHKD BY:	JAP

809321 - SLOAN - CANDIDATE C  
 NORTH SIDE OF FRONTAGE ROAD HWY-141  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 NEW SITE BUILD - SELF SUPPORT TOWER



**SECTION 29 - T86N - R46W**  
 SCALE: 1" = 100'



**SITE PLAN**  
 SCALE: 1" = 50'

U.S. Cellular  
1203 RIDGEMONT DRIVE  
URBANDALE, IA 50333



A	01/07/19	INTERNAL REVIEW
B	01/15/19	90% REVIEW
C	02/11/19	BID/PERMIT

809321 - SLOAN - CANDIDATE C  
NORTH SIDE OF FRONTAGE ROAD HWY-141  
SLOAN, IA 51055 - WOODBURY COUNTY  
NEW SITE BUILD - SELF SUPPORT TOWER

PROJ # 18-06-31-07  
DWG BY: ST  
CHKD BY: JAP

SHEET TITLE  
LEASE AREA & EASEMENTS  
SUR-3

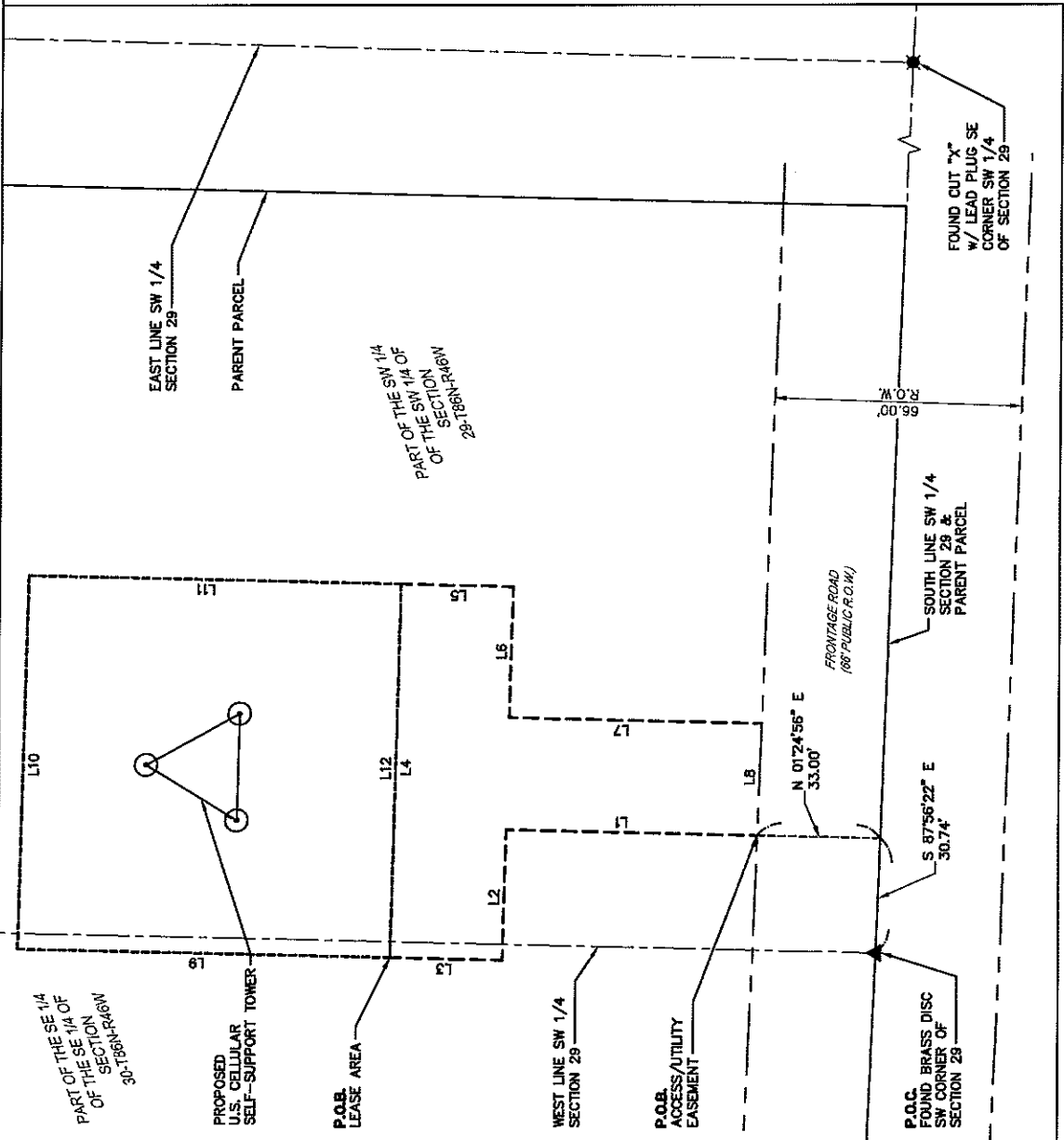
- BOUNDARY LEGEND**
- ▲ FOUND SECTION CORNER (AS NOTED)
  - ✱ FOUND OUT "X" (AS NOTED)
  - XX'XX MEASURED DISTANCE
  - P.O.C. POINT OF COMMENCEMENT
  - P.O.B. POINT OF BEGINNING

**PROPOSED ACCESS/UTILITY EASEMENT LINE TABLE**

LINE	DIRECTION	LENGTH
L1	N 01°24'56" E	67.59'
L2	N 88°35'04" W	35.00'
L3	N 01°24'56" E	30.00'
L4	S 88°35'04" E	100.00'
L5	S 01°24'56" W	30.00'
L6	N 88°35'04" W	35.00'
L7	S 01°24'56" W	67.92'
L8	N 87°56'23" W	30.00'

**PROPOSED LEASE AREA LINE TABLE**

LINE	DIRECTION	LENGTH
L9	N 01°24'56" E	100.00'
L10	S 88°35'04" E	100.00'
L11	S 01°24'56" W	100.00'
L12	N 88°35'04" W	100.00'



LEASE AREA & EASEMENTS  
SCALE: 1" = 30'