

# *Sprint*

**PROPOSED ROOFTOP WITH SPRINT ANTENNAS AT  
69'-0" A.G.L. AND EQUIPMENT ON STEEL PLATFORM  
(EQUIPMENT LOCATED WITHIN STEALTH SCREENING)**



6580 SPRINT PARKWAY  
OVERLAND PARK, KANSAS 66251



**ASSOCIATED  
ENGINEERING, PC**  
NORTH MAIN STREET  
HORN, NE 68022  
T: (402) 289-5040  
F: (402) 289-5045  
EPC PROJ. #1137

PROJECT NO:	KC62XC801-C
DRAWN BY:	NAK
CHECKED BY:	TM

[illegible]

1	11/28/05	REV. ZONING DRAWINGS
0	10/28/05	100% ZONING DRAWINGS
REV	DATE	DESCRIPTION



SIGNED: 11/29/05  
EXPIRES: 04/30/2007

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.

KC62XC801-C  
LAWRENCE  
PRESBYTERIAN MANOR  
1429 KASOLD DRIVE  
LAWRENCE, KS 66046

SHEET TITLE  
TITLE SHEET

SHEET NUMBER  
T-1

OWNER: CITY OF WICHITA, KANSAS  
CONTACT: RHONDA PARKS  
455 NORTH MAIN #12  
WICHITA, KS 67202  
DAY F: (785) 841-4282  
EVENING F: (785) 841-0923  
KCS2XC801-C

OWNER SITE I.D.#:

APPLICANT: SPRINT  
CONTACT: CHRISTY KUEHL  
6650 SPRINT PARKWAY  
OVERLAND PARK, KS 66251  
MOBILE: (913) 526-6651  
OFFICE: (913) 798-4619

SITE ADDRESS: 1429 KASOLD DRIVE  
LAWRENCE, KS 66046

COUNTY: RENO

LATITUDE: 38°57'30.93" N (NAD 83)

LONGITUDE: 095°16'46.98" W (NAD 83)

ZONING JURISDICTION: RESIDENTIAL

POWER COMPANY: WESTAR ENERGY  
PHONE: (800) 794-6101

TELEPHONE COMPANY: SOUTHWESTERN BELL  
PHONE: (620) 665-1935

ENGINEER: ASSOCIATED ENGINEERING, P.C.  
157 NORTH MAIN STREET  
ELKHORN, NE 68022  
PHONE: (402) 289-5040  
FAX: (402) 289-5040

SURVEYOR: ASSOCIATED ENGINEERING & SURVEYING  
1232 HIGH STREET, SUITE 3  
LINCOLN, NE 68503  
PHONE: (402) 441-5790  
FAX: (402) 441-5791

ENGINEER: ASSOCIATED ENGINEERING, P.C.  
157 NORTH MAIN STREET  
ELKHORN, NE 68022

CONTACT: TOM MEDHI

PHONE: PHONE: (402) 289-5040

RANDALL STREET

CYNTHIA STREET

JONATHAN DRIVE

WEST 14TH STREET

LAWRENCE AVENUE

APPLE LANE

WEST 15TH STREET

OXFORD ROAD

SITE LOCATION

KASOLD DRIVE

NO SCALE

INTERSTATE 70 EAST TO LAWRENCE, KS. EXIT 202 TOWARD US-59S/WEST LAWRENCE. MERGE ONTO S. McDONALD DR. TAKE THE US-59 RAMP, STAY STRAIGHT ONTO US59/IOWA ST. TURN RIGHT ONTO W 15TH ST. TURN RIGHT ONTO S. KASOLD DR. SITE IS ON THE LEFT BEFORE 14TH ST.

SPRINT REPRESENTATIVE: \_\_\_\_\_  
SPRINT RF ENGINEER: \_\_\_\_\_  
SITE OWNER: \_\_\_\_\_

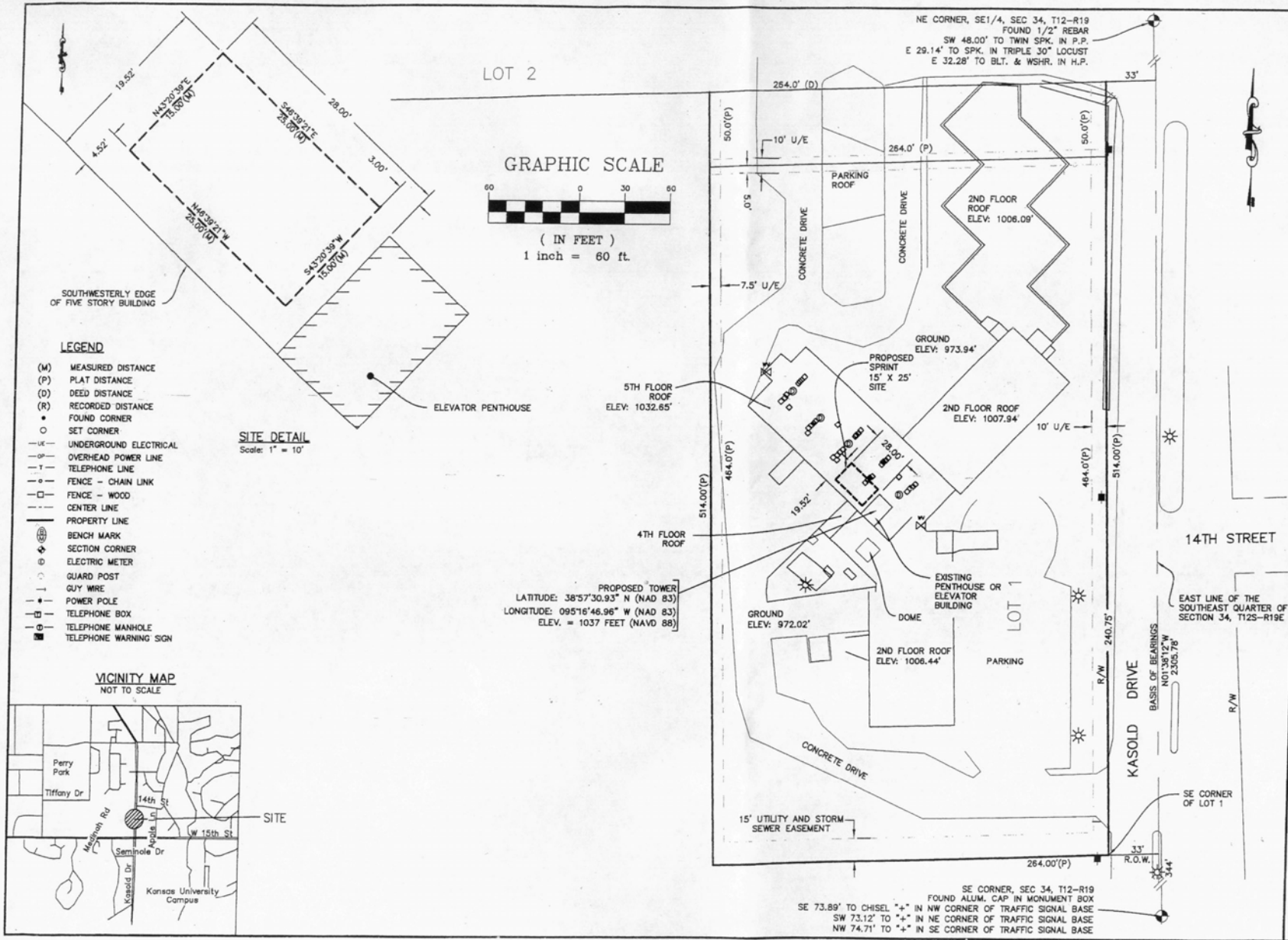
[illegible]

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



UNDERGROUND  
SERVICE ALERT  
ONE CALL KANSAS  
(316) 687-2470

THREE WORKING DAYS BEFORE YOU DIG



**Sprint**  
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OVERLAND PARK, KANSAS 66251

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ELKHORN, NE 68022  
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FAX: (402) 289-5045  
AEPD PROJ. #1137

PROJECT NO: KC62XC801-C  
DRAWN BY: NAK  
CHECKED BY: TM

REV	DATE	DESCRIPTION
1	11/28/08	REV. FOR ZONING
2	12/24/08	FINAL SURVEY

SIGNED: 11/29/08  
EXPIRES: 04/30/2007

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KC62XC801-C  
LAWRENCE  
PRESBYTERIAN MANOR  
1429 KASOLD DRIVE  
LAWRENCE, KS 66046

SHEET TITLE  
SITE LAYOUT

SHEET NUMBER  
SL-1 OF 2

DESCRIPTION PARENT PARCEL

LOT 1 IN LAWRENCE PRESBYTERIAN MANOR SUBDIVISION NO. 2, AN ADDITION TO THE CITY OF LAWRENCE, DOUGLAS COUNTY, KANSAS AND THE SOUTH 50.0 FEET OF THE EAST 264.0 FEET OF LOT 2, IN LAWRENCE PRESBYTERIAN MANOR SUBDIVISION NO. 2, AN ADDITION TO THE CITY OF LAWRENCE, DOUGLAS COUNTY, KANSAS.

DESCRIPTION SITE

THE PART OF LOT 1 IN LAWRENCE PRESBYTERIAN MANOR SUBDIVISION NO. 2, AN ADDITION TO THE CITY OF LAWRENCE, DOUGLAS COUNTY, KANSAS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE NORTHWESTERLY 25.00 FEET OF THE SOUTHWESTERLY 28.00 FEET AND THE NORTHEASTERLY 15.00 FEET OF THE SOUTHWESTERLY 19.52 FEET OF THE FIVE STORY BUILDING (USING THE NORTHWESTERLY-MOST EDGE OF THE PENHOUSE OR ELEVATOR BUILDING AND SOUTHWESTERLY EDGE OF SAID FIVE STORY BUILDING AS REFERENCE), CONTAINING 375 SQUARE FEET, MORE OR LESS.

NOTES

1. SITE BENCH MARK: NORTH-NORTHWEST CORNER OF EXISTING PENHOUSE OR ELEVATOR BUILDING ON 5TH FLOOR ROOF.  
EL: 1032.59 FEET-NAVD 88
2. DATUM BENCH MARK: CHISELED SQUARE IN POLE IN NW QUAD OF INTERSECTION OF 15TH & KASOLD DRIVE, BM NO. N17AR3.  
EL: 980.36 FEET-NAVD 88
3. BASIS OF BEARINGS: BEING N01°38'12"W BETWEEN AN ALUMINUM CAT IN A MONUMENT BOX AT THE SE CORNER OF SECTION 34 AND A 1/2 INCH REBAR FOUND AT THE NE CORNER OF THE SE 1/4 OF SECTION 34, T12S-R19E, DOUGLAS COUNTY, KANSAS.
4. ALL BEARINGS SHOWN ARE GRID BEARINGS BASED ON 1983 KANSAS STATE PLANE COORDINATE SYSTEM.
5. ALL HORIZONTAL DATUM IS IN NAD 83 AND ALL VERTICAL DATUM IS IN NAVD 88.
6. SUBJECT PROPERTY APPARENTLY FALLS WITHIN THE CONFINES OF A ZONE "X" AS DETERMINED BY THE FEMA FLOOD RATE MAP 2004SC0038C, LAWRENCE, KANSAS, REVISED 11/07/2001.

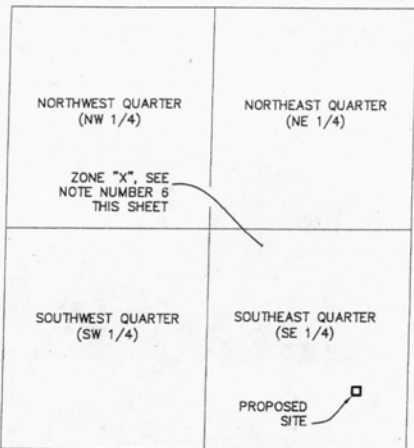
DEFINITION OF ZONE "X" AS PER FEMA:  
ZONES "B", "C", AND "X" ARE THE FLOOD INSURANCE RATE ZONES THAT CORRESPOND TO AREAS OUTSIDE THE 1-PERCENT ANNUAL CHANCE FLOOD PLAIN, AREAS OF 1-PERCENT ANNUAL CHANCE SHEET FLOW FLOODING WHERE AVERAGE DEPTHS ARE LESS THAN 1 FOOT, AREAS OF 1-PERCENT ANNUAL CHANCE STREAM FLOODING WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1 SQUARE MILE, OR AREAS PROTECTED FROM THE 1-PERCENT ANNUAL CHANCE FLOOD BY LEVEES. NO BASE FLOOD ELEVATIONS OR DEPTHS ARE SHOWN WITHIN THIS ZONE. INSURANCE PURCHASE IS NOT REQUIRED IN THESE ZONES.

ZONING

RESIDENTIAL

SETBACKS:  
TELECOMMUNICATION TOWER  
FRONT - N/A COLLOCATION  
SIDE - N/A COLLOCATION  
REAR - N/A COLLOCATION  
HEIGHT - NO MORE THAN 40 FEET ABOVE ROOFTOP

SECTION 34  
TOWNSHIP 12 NORTH - RANGE 19 EAST

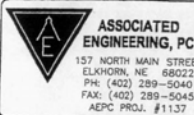


SITE AREA IN ZONE "X"  
(SEE SURVEY NOTE NUMBER 6)  
PER THE FEMA FLOOD RATE MAP:  
2004SC 0038 C,  
COUNTY OF DOUGLAS,  
EFFECTIVE 11/07/2001.

FLOOD MAP DETAIL  
NOT TO SCALE



6600 SPRINT PARKWAY  
OVERLAND PARK, KANSAS 66251



PROJECT NO: KC62XC801-C  
DRAWN BY: NAK  
CHECKED BY: TW

REV	DATE	DESCRIPTION
1	11/28/08	REV. PER 20080
2	10/24/09	FINAL SURVEY



SIGNED: 11/29/05  
EXPIRES: 04/30/2007

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LAWRENCE, KS 66046

SHEET TITLE  
SITE LAYOUT

SHEET NUMBER  
SL-2 OF 2

FIELD VERIFY ALL DIMENSIONS THAT PERTAIN TO EXISTING STRUCTURES AND UTILITIES PRIOR TO CONSTRUCTION. NOTIFY SPRINT REPRESENTATIVE OR ENGINEER IF ANY DISCREPANCIES OCCUR.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.

THE CONTRACTOR SHALL CALL THE UTILITY CO. PRIOR TO THE START OF CONSTRUCTION TO LOCATE ALL UTILITIES.

ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES  
WHICH 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 THE ENGINEER. 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 CREWS. THIS WILL INCLUDE BUT NOT BE LIMITED TO A FALL  
PROTECTION B) CONFINED SPACE C) TRENCHING AND EXCAVATION

ALL SITE WORK SHALL BE AS INDICATED BY THE DRAWING AND STIPULATED  
IN THE SPECIFICATION PROJECT SUMMARY

NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE PCS EQUIPMENT AND TOWER AREAS.

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 AND UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.

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

L. AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY BUILDING OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED, AND COVERED WITH MULCH AS SPECIFIED IN THE SPECIFICATION LANDSCAPE WORK.

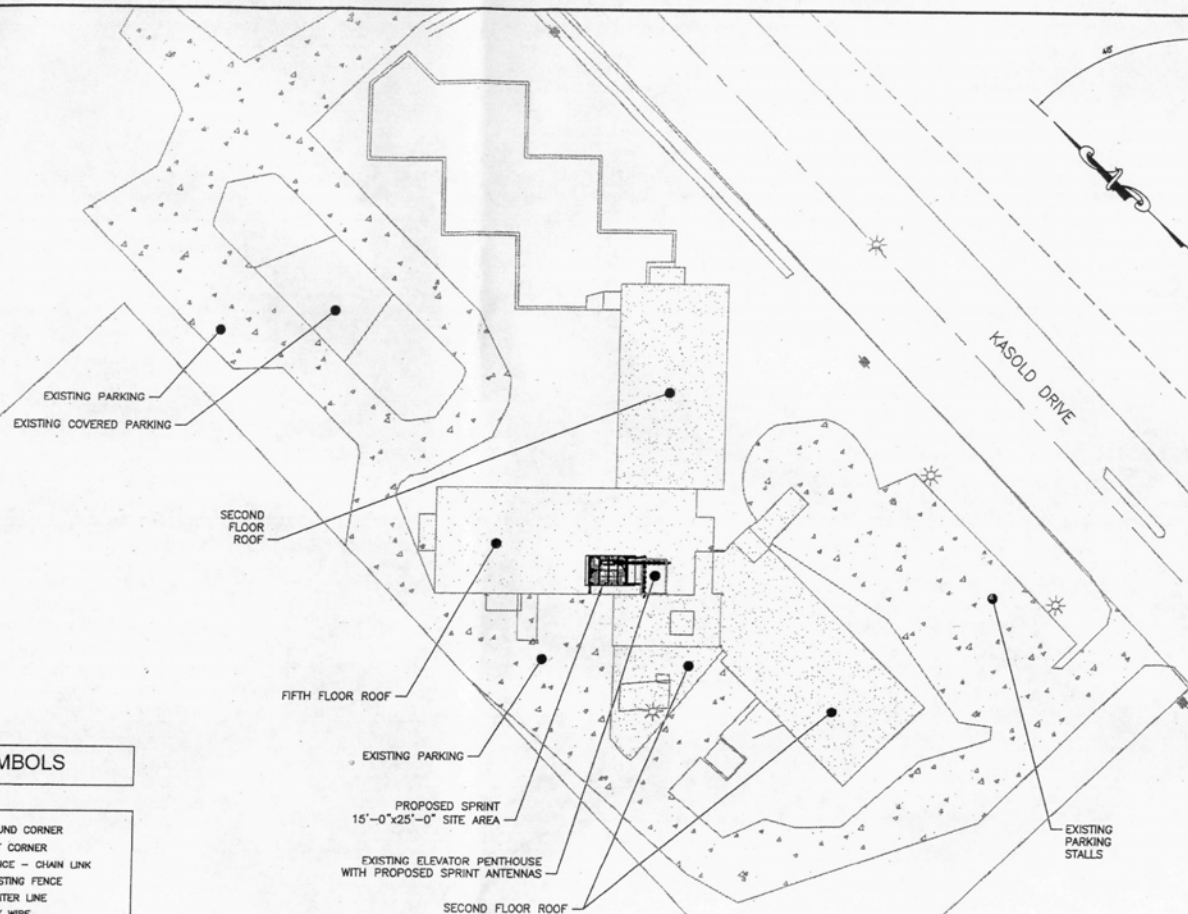
TRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING  
NSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING  
NSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES  
R EROSION AND SEDIMENT CONTROL.

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## SYMBOLS

(E)	EXISTING	LG	LONG
(M)	MEASURED DISTANCE	MAX	MAXIMUM
(P)	PLAT DISTANCE	MECH	MECHANICAL
(D)	DEED DISTANCE	MFR	MANUFACTURE
(R)	RECORDED DISTANCE	MGB	MINIMUM GROUND BARI
ADJ	ADJUSTABLE	MIN	MINIMUM
APPROX	APPROXIMATE	MTL	METAL
CJ	CONSTRUCTION JOINT	NIC	NOT IN CONTRACT
CAB	CABINET	NO	NUMBER
CLG	CEILING	NTS	NOT TO SCALE
CONC	CONCRETE	OC	ON CENTER
CONT	CONTINUOUS	OPP	OPPOSITE
DIA	DIAMETER	SF	SQUARE FOOT
DWG	DRAWING	SH	SHEET
EA	EACH	SM	SIMILAR
EOB	EQUIPMENT GROUND BAR	SS	STAINLESS STEEL
EL	ELEVATION	STL	STEEL
ELEC	ELECTRICAL	TOC	TOP OF CONCRETE
EQ	EQUIPMENT	TM	TOP OF MASONRY
EQIP	EQUIPMENT	TPY	TYPICAL
FF	FINISHED FLOOR	VF	VERIFY IN FIELD
GC	GENERAL CONTRACTOR	UN	UNLESS OTHERWISE NOTED
GALV	GALVANIZED	WFW	WELDED WIRE FABRIC
GRND	GROUND	W/	WITH

● FOUND CORNER  
 ○ SET CORNER  
 —○— FENCE — CHAIN LINK  
 —X— EXISTING FENCE  
 --- CENTER LINE  
 → GUY WIRE  
 ✨ OR ✨ LIGHT POLE  
 □ POWER BOX  
 # POWER POLE  
 —PH— POWER OVERHEAD  
 ☎ TELEPHONE BOX  
 [FO] TREE, FIBER OPTICS BOX  
 ○ TREE — DECIDUOUS  
 —UE— UTILITY ELECTRIC  
 —UT— UTILITY TELCO  
 ——— PROPERTY LINE  
 --- SITE AREA  
 --- CONTOUR LINES  
 -1200-



**SITE PLAN**  
SCALE: 1"=30'-0"

EQUIPMENT PLATFORM AND ANTENNAS ARE DESIGNED TO MEET UBC 1997, ANSI/EIA/TIA-222-F STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES. THE DESIGN WIND SPEED IS GREATER OF 80 MPH OR 70 MPH PLUS 1/2" ICE.

ALL STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.

ALL STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. (LATEST EDITION)

ALL CAST IN PLACE CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH ACI 318 AND ACI 301.

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (HANDICAPPED ACCESS NOT REQUIRED).

FACILITY WILL NOT BE LIGHTED WITH THE EXCEPTION OF EMERGENCY CONDITIONS.

FACILITY HAS NO PLUMBING

FACILITY WILL BE INDEPENDENTLY POWERED WITH SEPARATE METER.

TOWER PLATFORM AND ANTENNA INSTALLATION SHALL BE CONDUCTED BY FIELD CREWS EXPERIENCED IN THE ASSEMBLY AND ERECTION OF RADIO ANTENNAS, TRANSMISSION LINES, AND SUPPORT STRUCTURES.



6580 SPRINT PARKWAY  
OVERLAND PARK, KANSAS 6625



**ASSOCIATED  
ENGINEERING, PC**  
57 NORTH MAIN STREET  
ELKHORN, NE 68022  
PH: (402) 289-5040  
FAX: (402) 289-5045  
AEPC PROJ. #1137

PROJECT NO: KC62XC801-C

DRAWN BY: NAK

CHECKED BY: TM

[illegible]

1	11/28/05	REV. ZONING DRAWINGS
0	10/28/05	100% ZONING DRAWINGS
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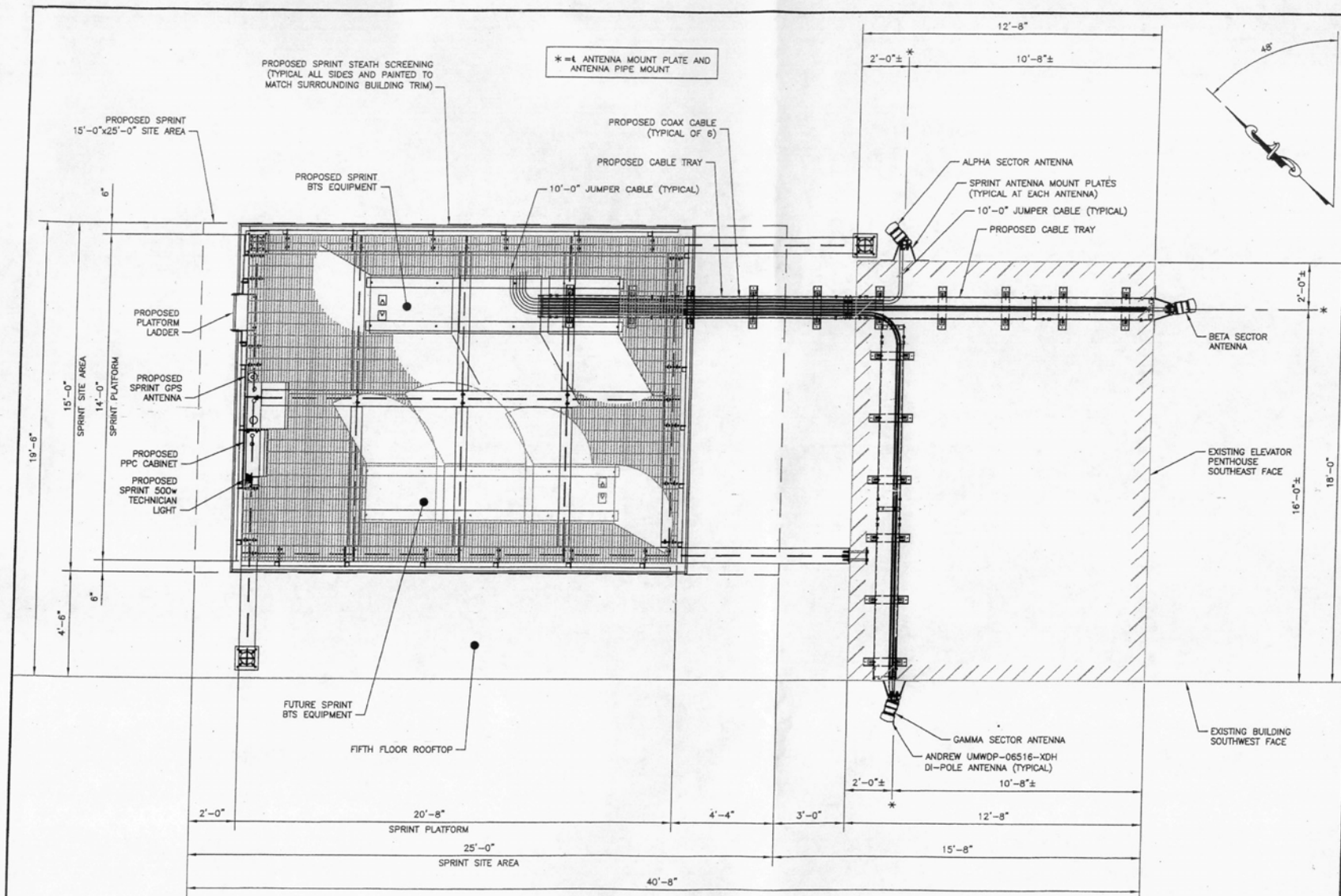
SHEET TITLE

SITE PLAN

SHEET NUMBER

Z-1



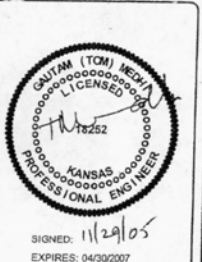


**ENLARGED SITE PLAN**  
(FIFTH FLOOR ROOFTOP)  
SCALE: 1/2"=1'-0"



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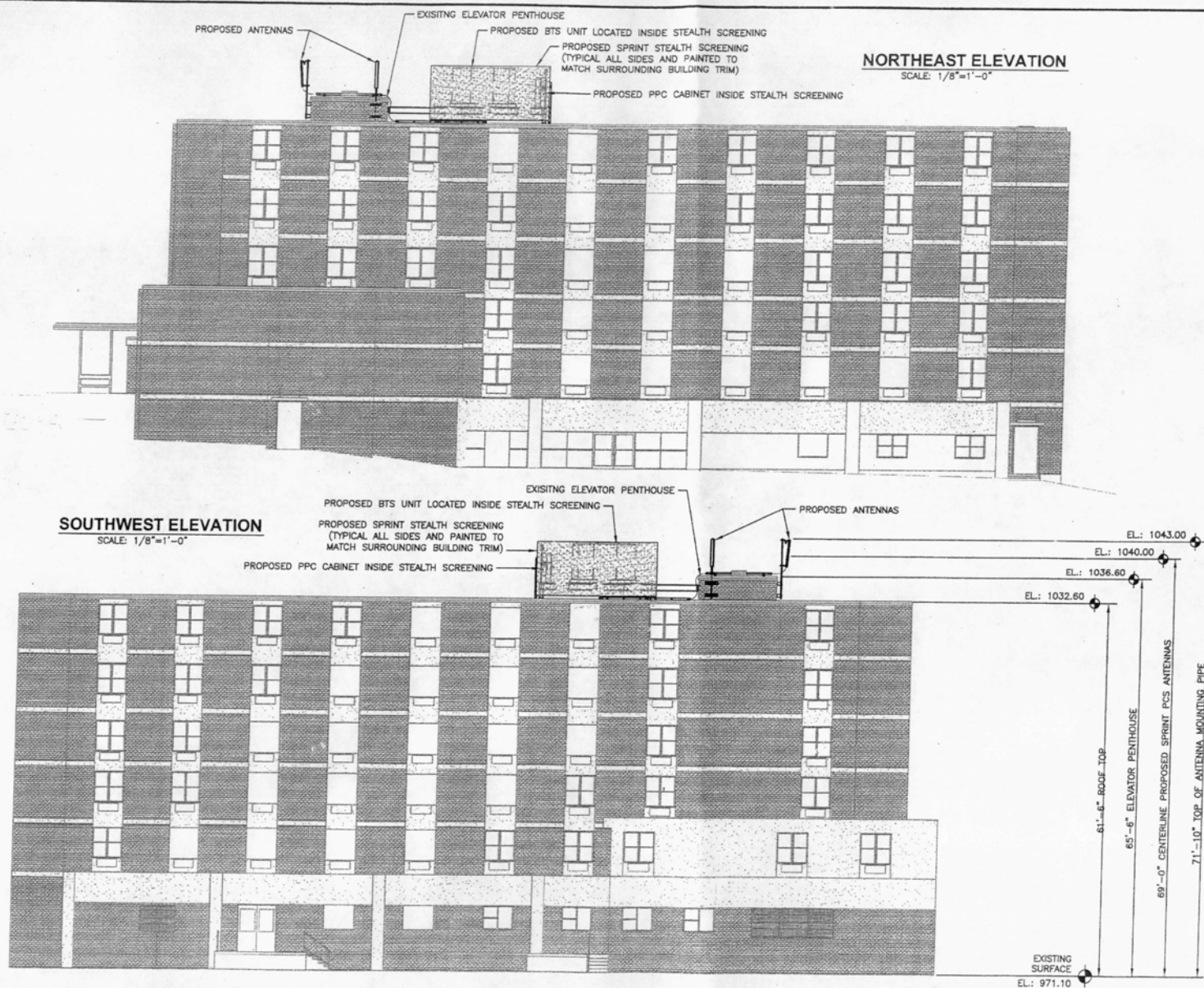


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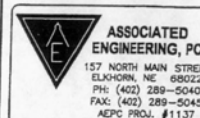
KC62XC801-C  
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SHEET TITLE  
ENLARGED SITE PLAN

SHEET NUMBER  
Z-2



5580 SPRINT PARKWAY  
OVERLAND PARK, KANSAS 66251



PROJECT NO: KC62XC801-C  
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SHEET TITLE  
ELEVATIONS

SHEET NUMBER  
Z-3