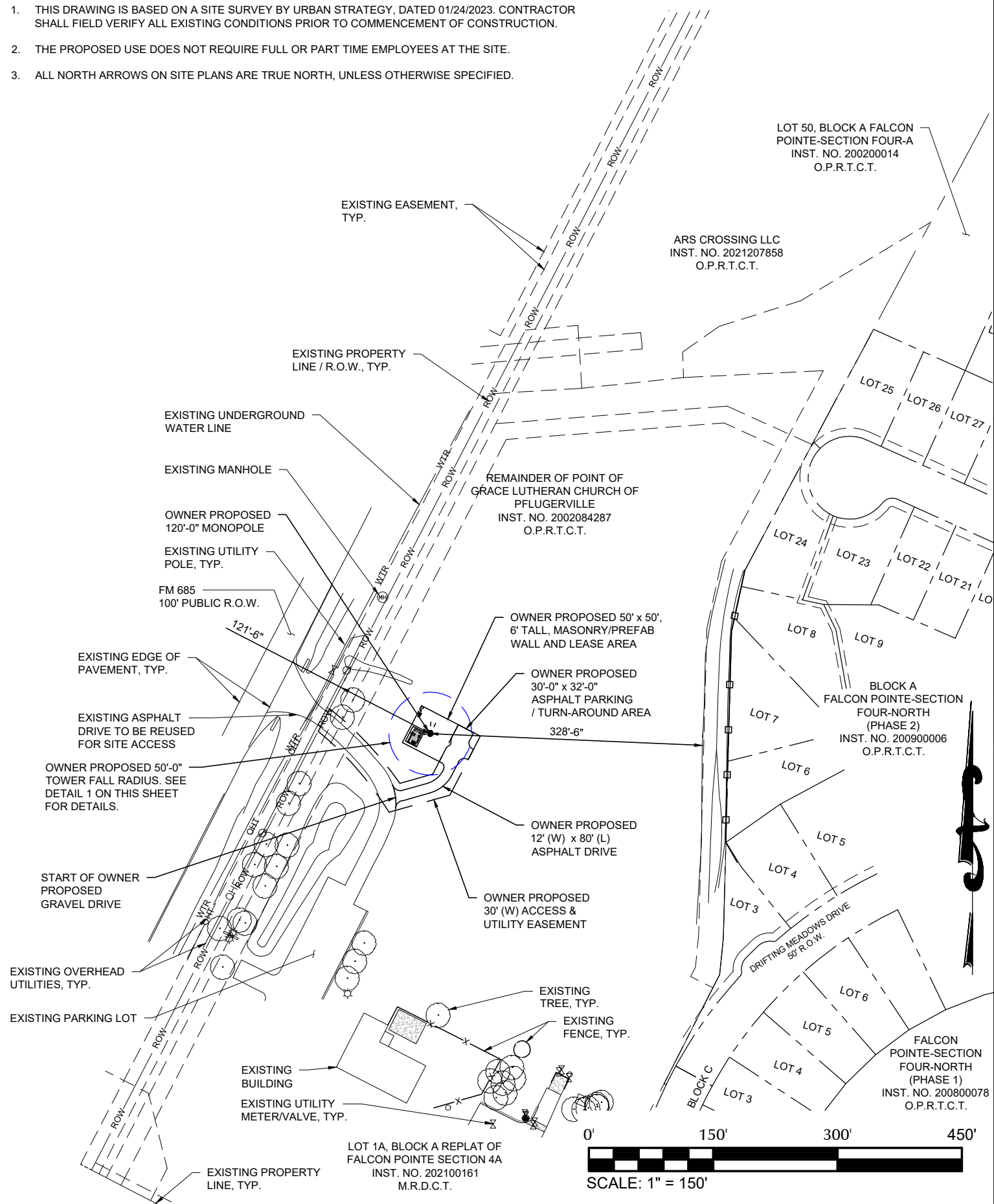


NOTES:

1. THIS DRAWING IS BASED ON A SITE SURVEY BY URBAN STRATEGY, DATED 01/24/2023. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.



January 6, 2023

Mr. Christopher Molloy
 Construction Coordinator
 Vertical Bridge REIT, LLC
 750 Park of Commerce Drive, Suite 200
 Boca Raton, FL 33487

RE: Proposed 120' Monopole for US-TX-5747 Pflugerville, TX

Dear Mr. Molloy,

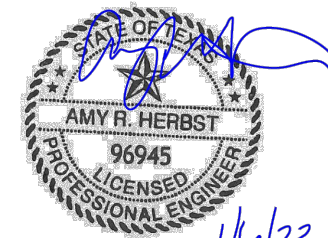
Upon receipt of order, we propose to design and supply the above-referenced monopole for a Basic Wind Speed 108 mph without ice and 30 mph with 1" ice, Risk II, Exposure Category C, and Topographic Category 1, in accordance with the Telecommunications Industry Association Standard ANSI/TIA-222-H, "Structural Standard for Antenna-Supporting Structures and Antennas and Small Wind Turbine Support Structures". The monopole will be designed to support (3) carriers.

When designed according to this standard, the wind pressures and steel strength capacities include several safety factors. Therefore, it is highly unlikely that the monopole will fail structurally in a wind event where the design wind speed is exceeded within the range of the built-in safety factors.

Should the wind speed increase beyond the capacity of the built-in safety factors, to the point of failure of one or more structural elements, the most likely location of the failure would be within the monopole shaft, above the base plate. Assuming that the wind pressure profile is similar to that used to design the monopole, the monopole will buckle at the location of the highest combined stress ratio within the monopole shaft. This is likely to result in the portion of the monopole above leaning over and remaining in a permanently deformed condition. *Please note that this letter only applies to the above-referenced monopole designed and manufactured by Sabre Industries.* This would effectively result in a fall radius less than or equal to 50'.

Sincerely,

Amy R. Herbst, P.E.
 Senior Design Engineer



Sabre Industries, Inc. • 7101 Southbridge Drive • Sioux City, IA 51111
 P: 712-258-6690 F: 712-279-0814 W: www.SabreIndustries.com

BASED ON AMY HERBST MANUFACTURERS FALL ZONE LETTER (SEE ABOVE), TO THE BEST OF OUR KNOWLEDGE THE ENGINEERED FALL ZONE SHOWN ON THE SITE PLAN IS ACCURATE.

MANUFACTURERS FALL ZONE LETTER ①
 NTS



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.

DRAWN BY	KAS
CHECKED BY	CAE

REVISIONS			
#	DATE	BY	DESCRIPTION
0	06/20/23	KAS	FINAL ISSUE



SITE NAME	PFLUGERVILLE
FA NUMBER	TBD



SITE NAME	PFLUGERVILLE
SITE NUMBER	US-TX-5747

SITE ADDRESS	19507 FARM TO MARKET 685 PFLUGERVILLE, TX 78660
--------------	--

SITE TYPE	RAWLAND
-----------	---------

SHEET TITLE	OVERALL SITE LAYOUT PLAN & FALL ZONE LETTER
-------------	---

SHEET NUMBER	REVISION
C-101	0