

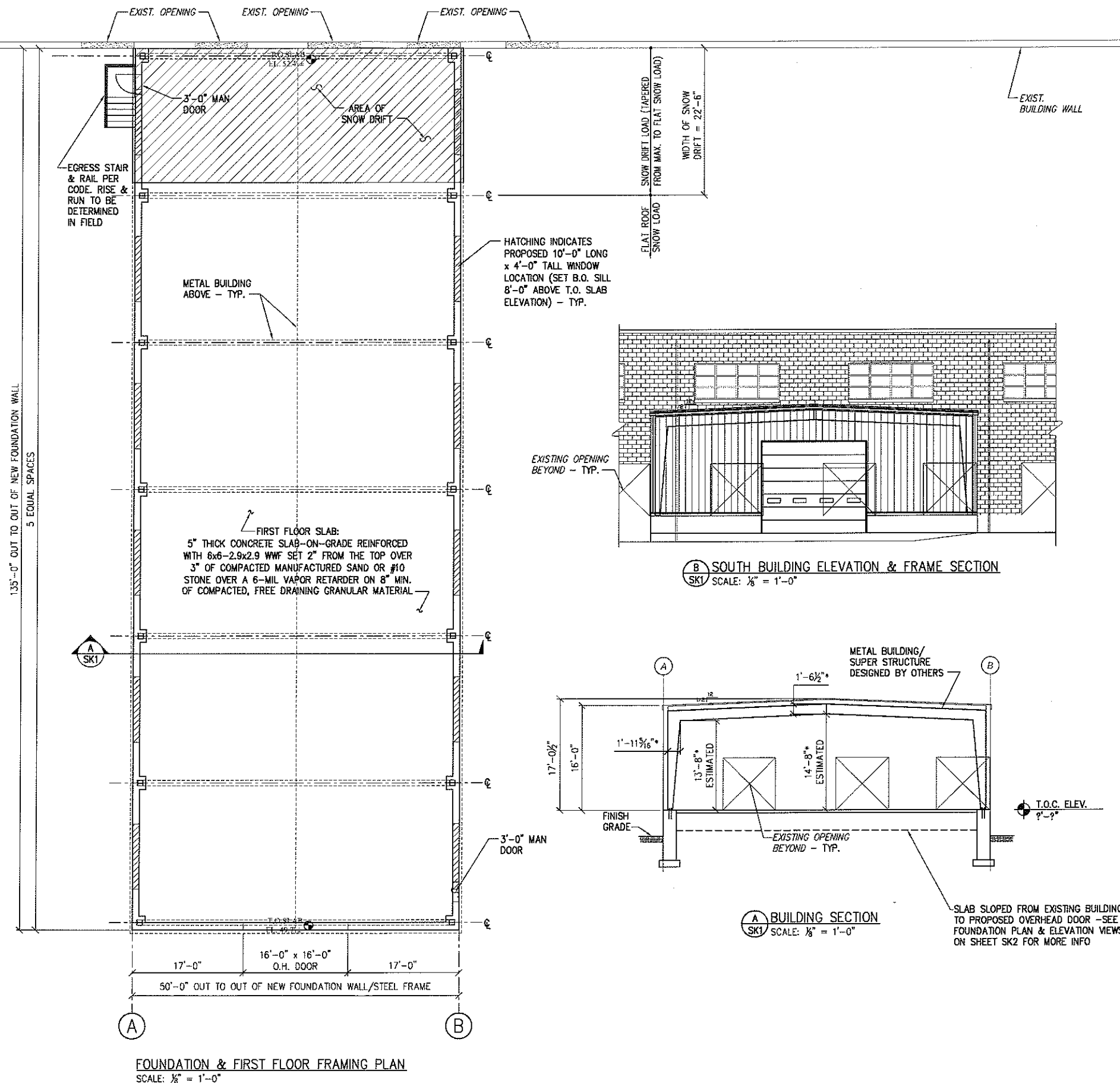
STRUCTURAL DESIGN NOTES

DESIGN LOADS:
GROUND SNOW LOAD, $P_g = 40 \text{ PSF}$, $P_f = 30 \text{ PSF}$ (PER TABLE 1604.11)
SNOW DRIFT ON PROPOSED ROOF = 130 PSF MIN. AT EXISTING BUILDING

RISK CATEGORY: II (PER TABLE 1604.5)

WIND LOAD DESIGN DATA:
BASIC WIND SPEED = 128 MPH (PER TABLE 1604.5)
IMPORTANCE FACTOR, $I = 1.0$ (ASCE 7 TABLE 8-1)
EXPOSURE CATEGORY: B (ASCE 7 SECTION 26.7)

SEISMIC DESIGN DATA:
SEISMIC IMPORTANCE FACTOR, $I = 1.0$ (ASCE 7 TABLE 11.5-1)
MAPPED SPECTRAL RESPONSE ACCELERATION - $S_1 = 0.072g$ & $S_2 = 0.239g$ (PER TABLE 1604.11)
SITE CLASSIFICATION = D (STABLE SOIL)
SPECTRAL RESPONSE COEFFICIENTS - $S_{DS} = 0.255g$ & $S_{D1} = 0.115g$ (ASCE 7 SECTION 11.4.3)



FOUNDATION & FIRST FLOOR FRAMING PLAN
SCALE: $\frac{1}{8}" = 1'-0"$

A BUILDING SECTION
SK1 SCALE: $\frac{1}{8}" = 1'-0"$

B SOUTH BUILDING ELEVATION & FRAME SECTION
SK1 SCALE: $\frac{1}{8}" = 1'-0"$

NO.	DATE	REVISIONS

PREPARED FOR:
RIBCRAFT USA
100 HOODS LANE
MARBLEHEAD, MA 01945

REBCRAFT USA
METAL BUILDING
100 HOODS LANE
MARBLEHEAD, MA
MCBRIE, LLC PROJECT #20-121

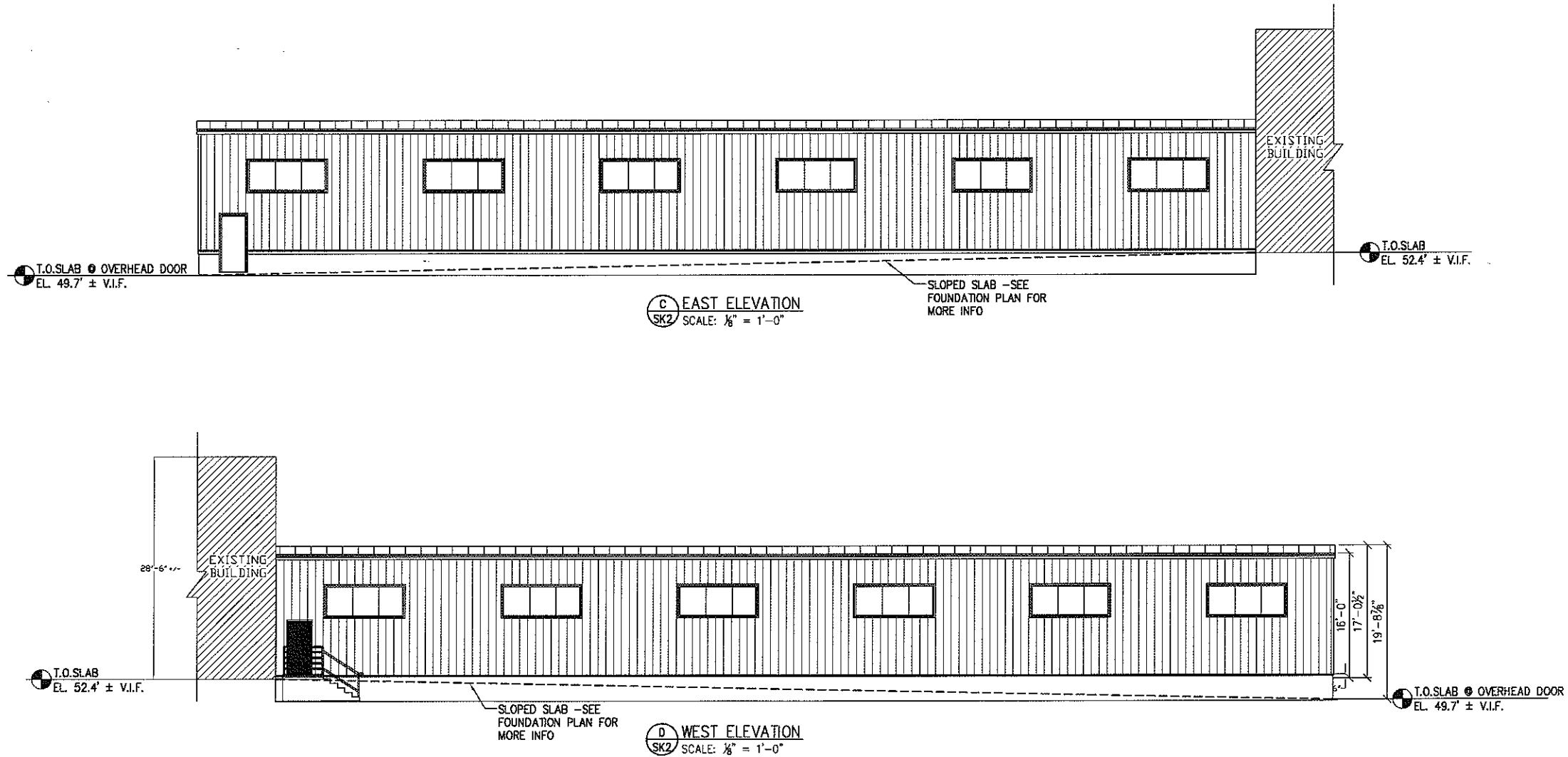
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DATE: 09/24/2020

McBrie, LLC
Structural Design & Sales
797 TURNPIKE ST.
2ND FLOOR
NORTH ANDOVER, MA 01845
TEL: 978-646-0087
FAX: 978-646-0087
WWW.MCBRIE.COM



FLOOR PLAN AND
BUILDING SECTION

SK1



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ELEVATIONS

SK2