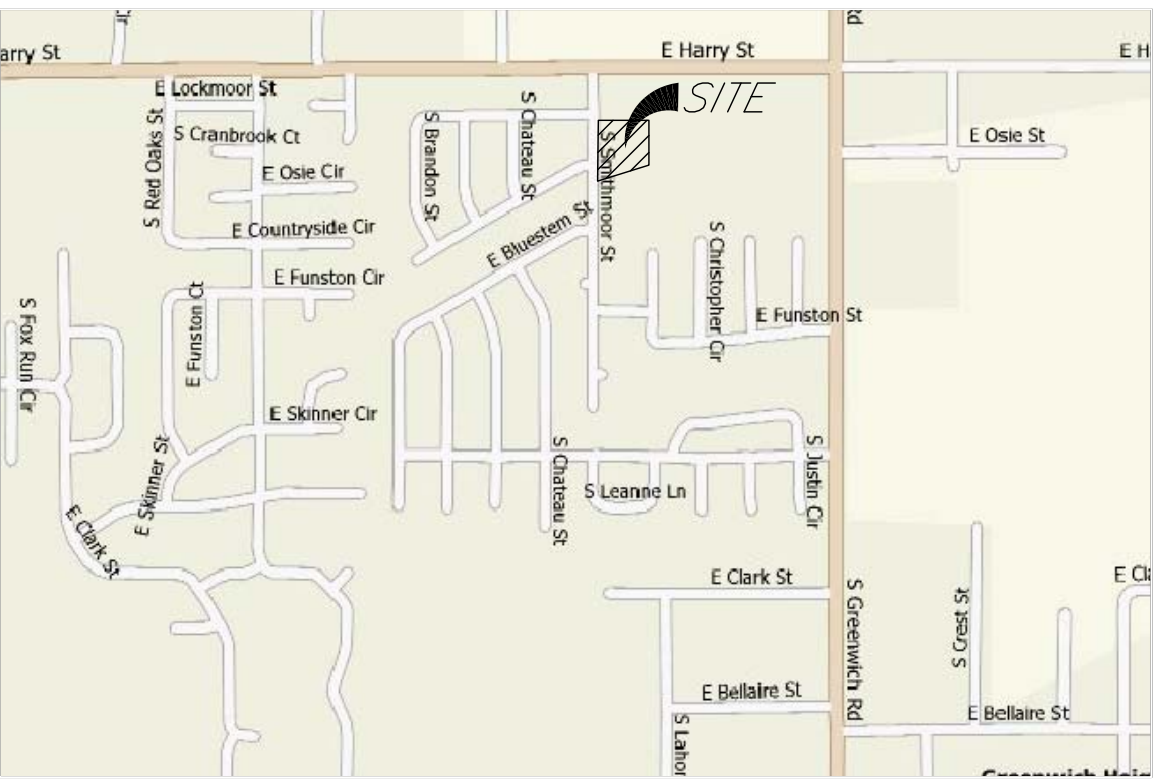


LOT GRADING PLAN
SMITHMOOR 11th ADDITION

CITY OF WICHITA, SEDGWICK COUNTY, KANSAS



LOCATION MAP

- LEGEND**
- Manhole
 - Sign
 - Telephone Pedestal
 - Cable TV Pedestal
 - Electric Box
 - Tree
 - Power Pole
 - Guy Wire
 - Fire Hydrant
 - Waterline
 - Underground Electric
 - Overhead Electric
 - Gas Line
 - Underground Cable TV
 - 5/8" Rebar (found) AMPA
 - Thimble
 - 5/8" Rebar (found)
 - 5/8" Rebar (set) B.WARD

Benchmark:

COW Benchmark NE Corner of Intersection. SW corner of Conc. base for Traff. sign. light pole.

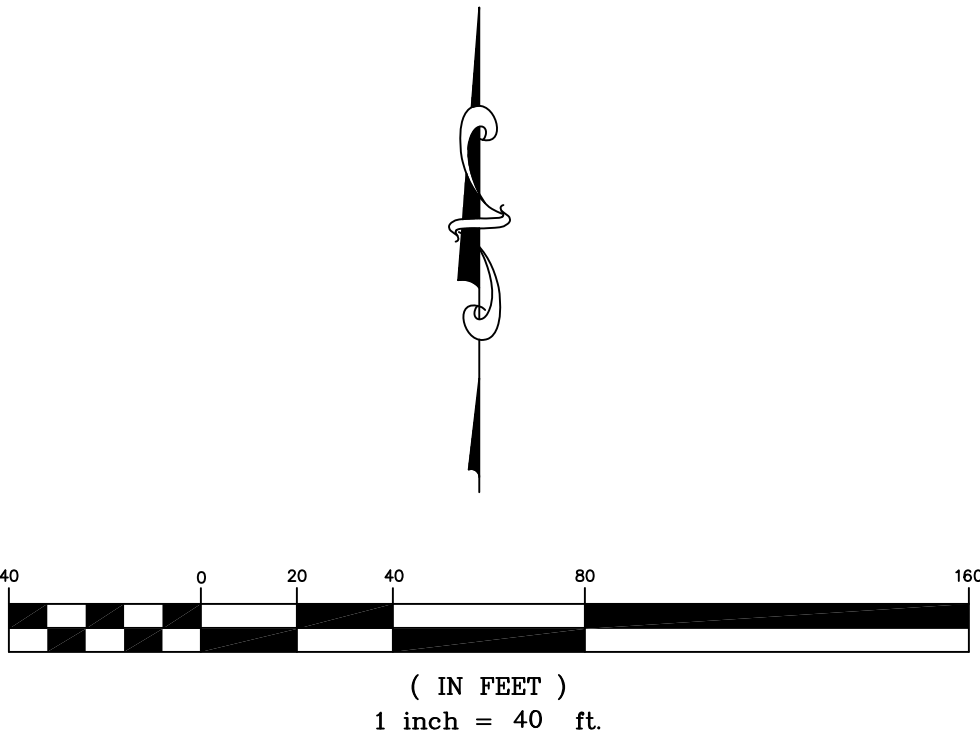
Elevation 1343.86 NAVD88

Engineer's Note:

Site drainage calculations developed using the Rational Method for peak runoff. "C" & "I" values established from the City of Wichita Design Criteria and Documentation.

Existing Site Drainage								
Block #	Acres	Tc	C5	I5	C100	I100	Q5	Q100
Proposed Plat	2.0	15 min	0.33	4.56	0.63	7.37	3.01cfs	9.28cfs

Proposed Site Drainage								
Block #	Acres	Tc	C5	I5	C100	I100	Q5	Q100
Proposed Plat	2.0	15 min	0.61	4.56	0.79	7.37	5.56cfs	11.64cfs



2- 6" PVC Pipes w/
Deeter Curb Castings
on Smithmoor and
2'x2' Conc. Pad on
East Side of Pipes.
6" FL (in) = 47.4 (W)
6" FL (out) = 47.0 (E)

SMITHMOOR 11th ADDITION
Site Grading Plan
Wichita, Kansas

kemiller

engineering

516 S. Market,
Wichita, KS 67202

PROJECT NUMBER
472-84756

KEM NO.
08066

DESIGN
KM

FILE
grading

DRAWN
NS

DATE
10/2008

REVISED

SHEET
6

OF
13