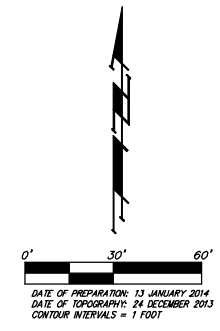
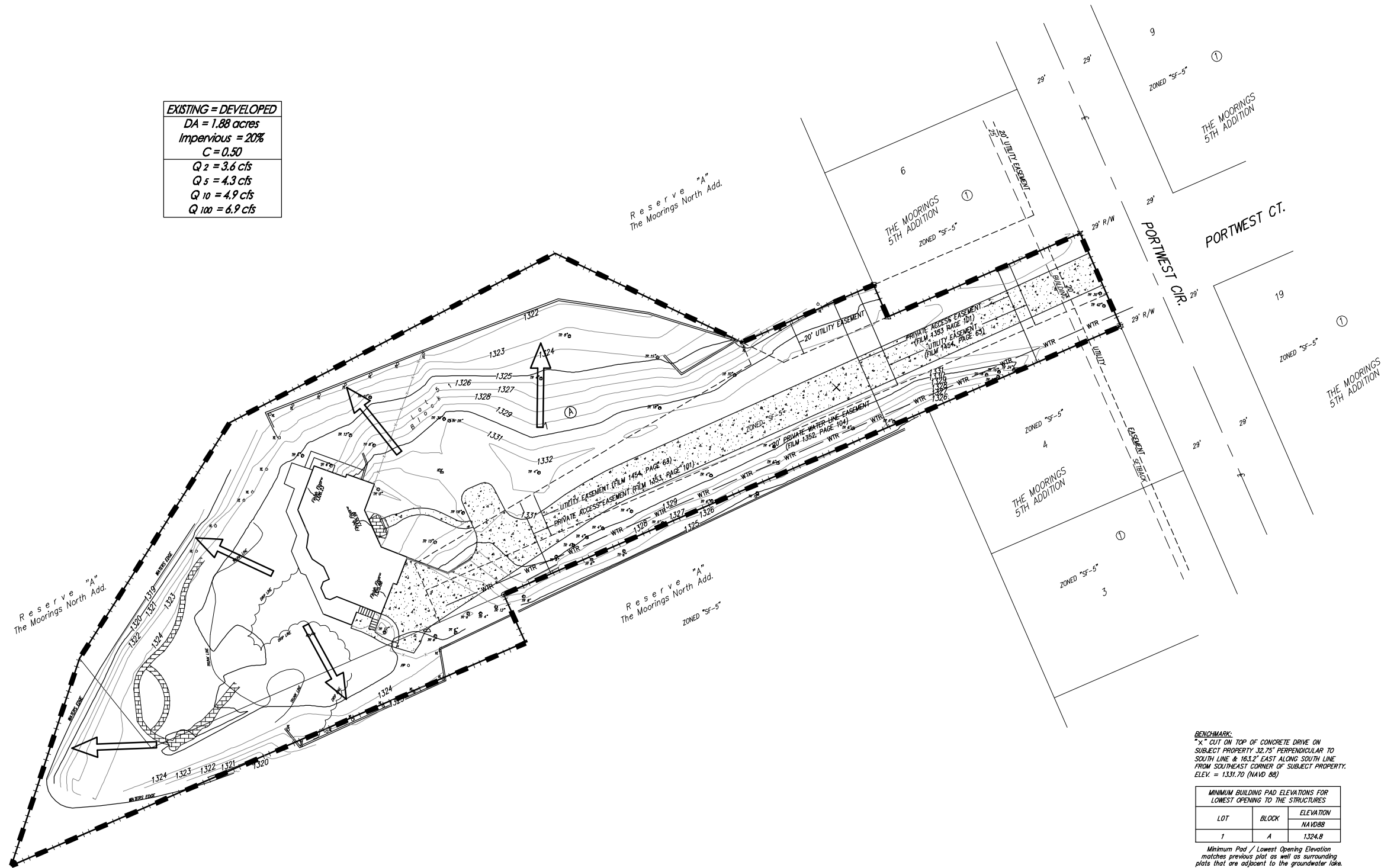


# DRAINAGE PLAN

## GRUNDMEYER ADDITION AT THE MOORINGS WICHITA, SEDGWICK COUNTY, KANSAS

<b>EXISTING = DEVELOPED</b>	
DA = 1.88 acres	
Impervious = 20%	
C = 0.50	
Q <sub>2</sub> = 3.6 cfs	
Q <sub>5</sub> = 4.3 cfs	
Q <sub>10</sub> = 4.9 cfs	
Q <sub>100</sub> = 6.9 cfs	



**OWNER:**  
RAYMOND W GRUNDMEYER III  
4921 N PORTWEST CIR  
WICHITA, KS 67204

**LEGAL DESCRIPTION:**  
LOT 5, BLOCK 1, THE MOORINGS 5TH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS TOGETHER WITH THAT PART OF RESERVE "A", THE MOORINGS NORTH, AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS DESCRIBED AS COMMENCING AT A CORNER COMMON TO LOTS 4 AND 5 IN BLOCK 1, THE MOORINGS 5TH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS; THENCE S86°30'W ALONG THE COMMON LINE OF SAID LOT 5, 385 FEET FOR A POINT OF BEGINNING; THENCE CONTINUING S86°30'W ALONG THE COMMON LINE OF SAID LOT 5 AND SAID RESERVE "A", 220 FEET TO A COMMON CORNER OF SAID LOT 5 AND SAID RESERVE "A"; THENCE N38°45'06"W ALONG A COMMON LINE OF SAID LOT 5 AND SAID RESERVE "A", 65.62 FEET TO A COMMON CORNER OF SAID LOT 5 AND SAID RESERVE "A"; THENCE S18°12'30"W, 125 FEET; THENCE N66°30'E, 320.92 FEET; THENCE N24°24'30"W, 30 FEET TO THE POINT OF BEGINNING.

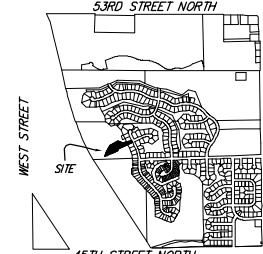
**BENCHMARK:**  
"X" CUT ON TOP OF CONCRETE DRIVE ON SUBJECT PROPERTY.  
ELEV. = 1331.70 (NAVD 88)

- CONCRETE
- BRICK
- TR O = TREE
- FP O = FLAG POLE
- CV O = IRRIGATION CONTROL VALVE - VALVE BOX
- IL O = YARD LIGHT
- # = # BAUGHMAN REBAR SET
- O = # BAUGHMAN REBAR FOUND
- = # REBAR FOUND WITH "S 1117" CAP FOUND
- △ = # REBAR FOUND (ORIGIN UNKNOWN)
- X = CHISELED "X" FOUND (ORIGIN UNKNOWN)
- = # REBAR WITH "LS850" CAP FOUND
- II = # REBAR WITH "SRE" CAP FOUND
- OHE = Overhead Electric Line
- SWS = Stormwater Sewer Line
- WTR = Water Line
- = Fence Line

**BENCHMARK:**  
"X" CUT ON TOP OF CONCRETE DRIVE ON SUBJECT PROPERTY 32.75' PERPENDICULAR TO SOUTH LINE & 163.2' EAST ALONG SOUTH LINE FROM SOUTHEAST CORNER OF SUBJECT PROPERTY. ELEV. = 1331.70 (NAVD 88)

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION NAVD88
1	A	1324.8

Minimum Pad / Lowest Opening Elevation matches previous plot as well as surrounding plots that are adjacent to the groundwater lake.



VICINITY MAP  
SEC. 24, T26S, R1W

**NOTES:** This property is located in Zone X as of this date per FEMA FIRM Panel 195 of 700, for Wichita, Sedgwick County, Kansas; effective February 2, 2007.

The site is already developed as a residential lot consisting of a single family structure, utilities, drives, and landscaping. If this site were to re-develop and disturb more than 1 acre, water quality would need to be addressed in accordance with City of Wichita Ordinance 16.32.

Detention is provided in the surrounding lake as designed and built in previous plats.

### DRAINAGE PLAN GRUNDMEYER ADDITION AT THE MOORINGS

14 JANUARY 2014

**Baughman Company, P.A.**  
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

E:\PROJECTS\GRUNDMEYER ADD\_13-11-P005\GRUNDMEYER\_OSF.DWG-NWL