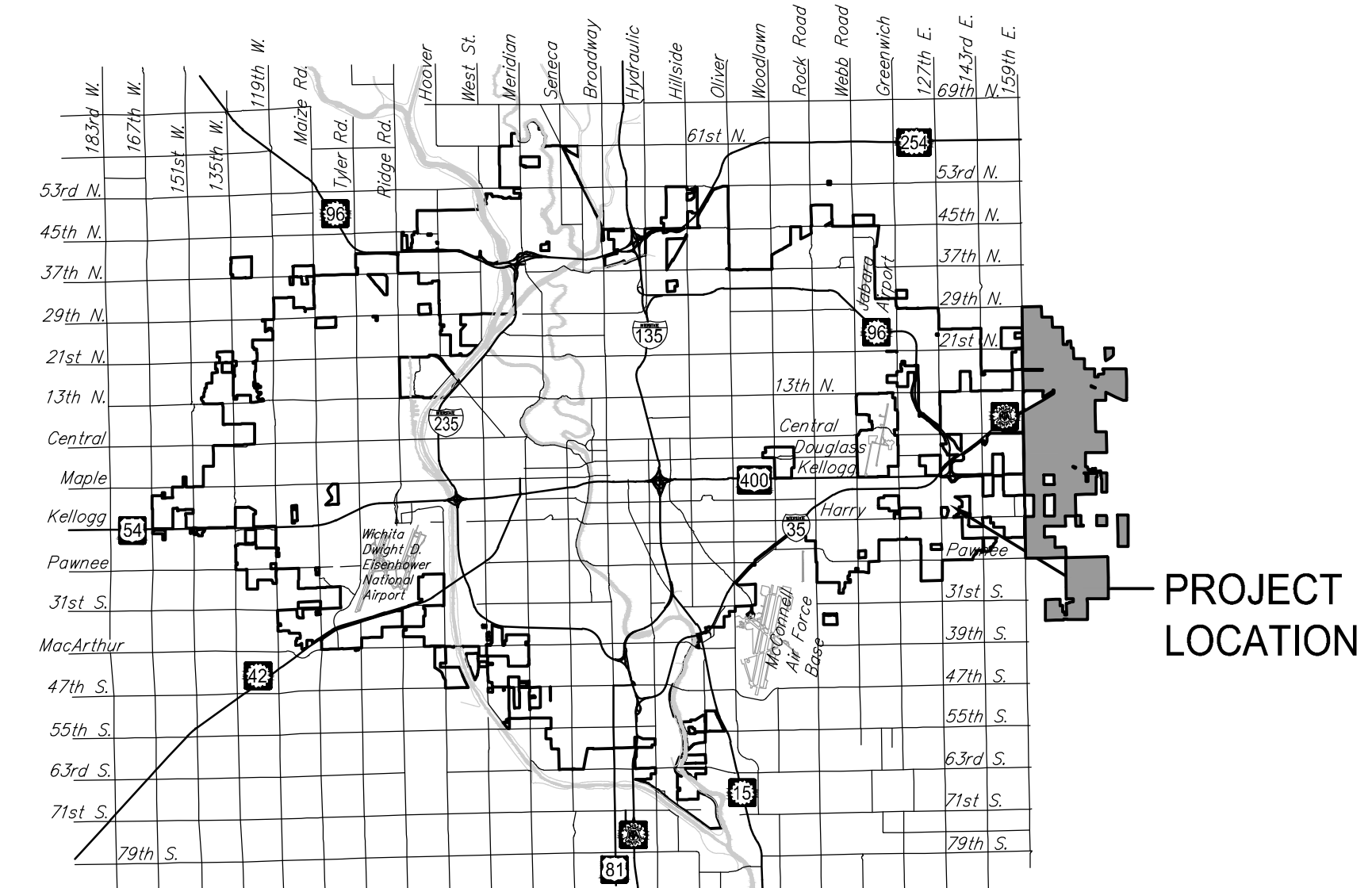


Lateral 12, Main 18, Four Mile Creek
SANITARY SEWER EXTENSION
 to serve
Bellechase 3rd Addition
CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
 Project Number 468-85162
 O.C.A. NO. 744430

Nowak Construction - Contractor
Brand - City of Wichita, Field Project Engineer
S. May - City of Wichita, Inspector
Stub & Risers
 Completion Date: 11/8/2017
 pdf: apr 10/5/2017

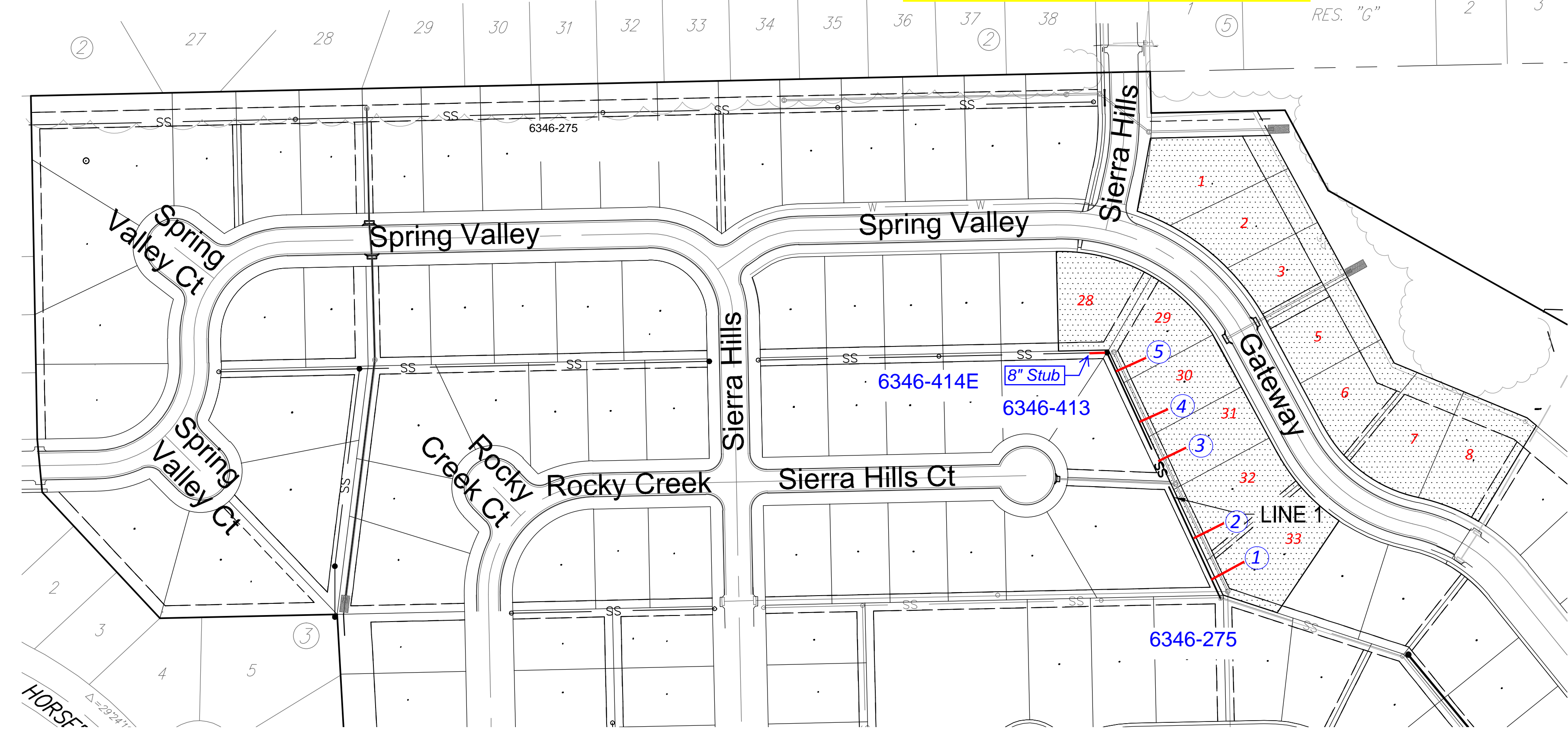


Vicinity Map

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
 Kansas One-Call 687-2470
 The Contractor must notify the following in case of an emergency:
 Cox Communications 316-260-7195
 Kansas Gas Service 1-888-482-4950
 Black Hills Energy 316-941-1628
 Westar 316-261-6554
 AT&T 1-800-288-8313
 City of Wichita Water Department 262-6000
 City of Wichita Sewer Maintenance 262-6000
- Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
- If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Caon at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.
- All elevations shown are NAVD 88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
- The Contractor shall protect from damage and support existing utilities through constructions as approved by the utility owner and the Engineer at the contractors expense.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
- All stubs and plugged pipes shall be located with green plastic tape in the same manner as risers.

- Connecting to Existing Manholes:
 Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where connection to an existing stub that does not have an existing stub or the stub is unusable due to elevation grade or alignment, the Contractor shall bore cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.
- Contractor shall provide positive drainage away from all manhole covers.
- The Contractor shall prevent any construction debris from entering the existing sanitary sewer during construction.
- The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.
- Any over excavation from manhole and pipe removal shall be backfilled with AB-3 compacted to 90-95% ASTM D698.



Benchmarks

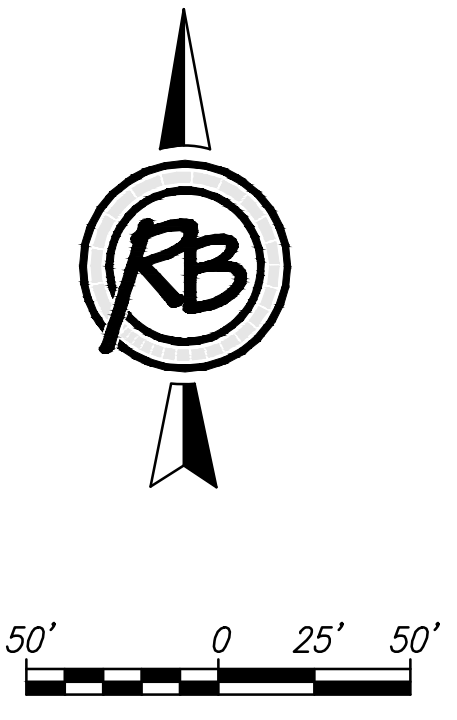
BENCHMARK:
 POINT #1660
 SQUARE CUT ON THE TOP OF CURB, AT CURB RETURN
 AT THE SOUTHEAST CORNER OF ALDEN ST. &
 BELLECHASE ST.
 ELEVATION = 1323.30 (NAVD88)

BENCHMARK:
 POINT #1659
 CHISELED SQUARE ON THE TOP OF CURB, AT CURB
 RETURN AT THE SOUTHEAST CORNER OF SPRING VALLEY
 ST. & HORSEBACK CIR.
 ELEVATION = 1331.27 (NAVD88)

IMPROVEMENT DISTRICT

SHEET INDEX

Sheet	Title
1	SS Titlesheet
2	Pre-Cast SS MH
3	MH Frame & Cover
4	Vertical Riser
5	Sanitary P-P
6	BOC
7	Silt Fc
8	Straw Bale
9	SIP
10	SDP
11	BMP Plan
12	Plat

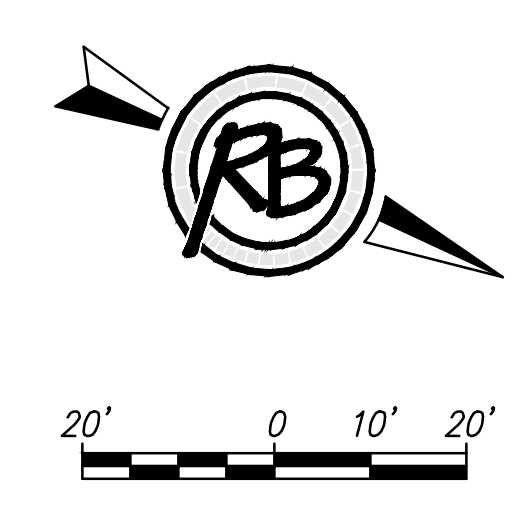
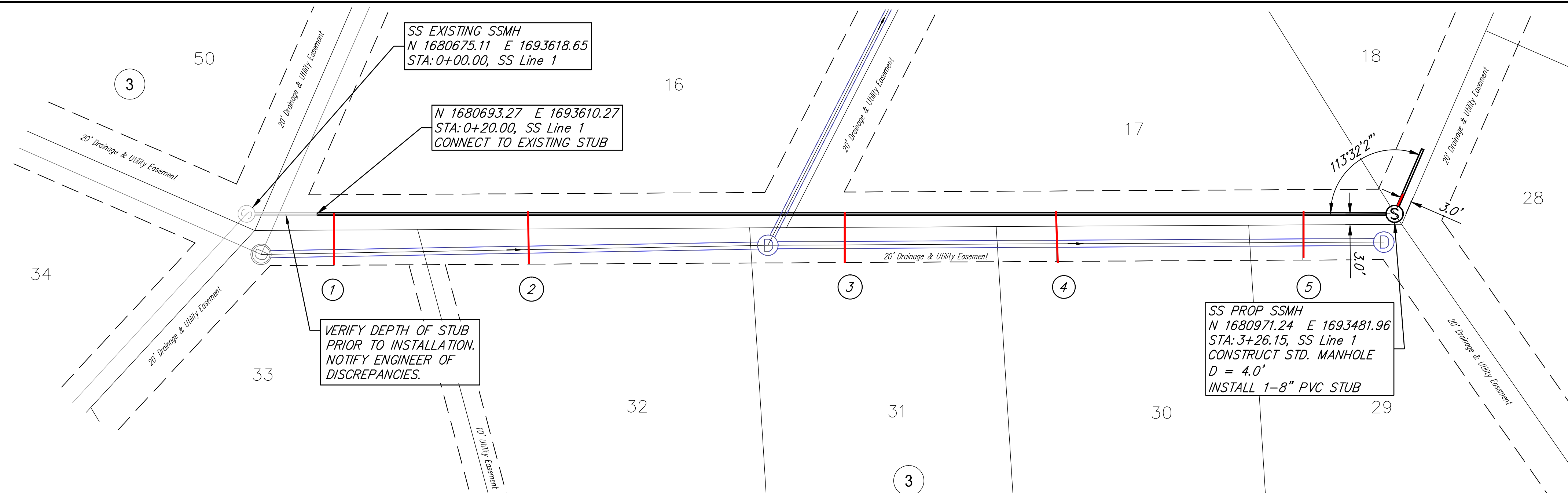


January 2017

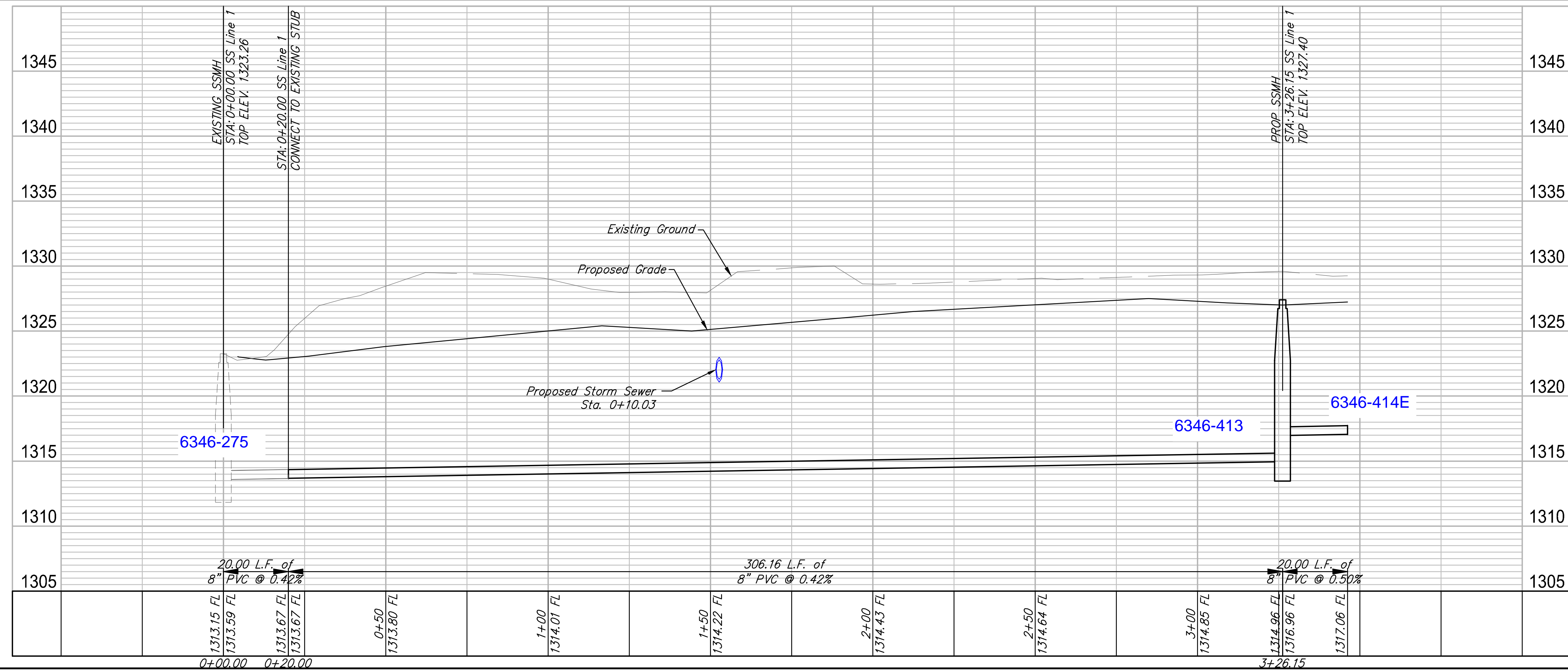


PLANS PREPARED BY
RUGGLES & BOHM
 ENGINEERING | SURVEYING | LANDSCAPE ARCHITECTURE | GOVERNMENT
 924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621
 WWW.RBKANSAS.COM

F:\Projects\Projects 4700-4799\4775E (Bellechase 3rd Add Ph. 3)\Sanitary\4775E - SS 4.dwg



SEWER SEVICE TABLE								Distance from Main to Riser	Distance from	
NUMBER	TYPE	SERVING			STATION/DIRECTION	FOR INFORMATION ONLY			Upstream MH	Downstream MH
		LOT NO.	BLOCK NO.	LINE NO.		APPROX. LENGTH 4" PIPE	VERTICAL			
1	8"x4" Tee	33	3	1	0+25 Right	6.0	15.0	15' Rt	299'	25'
2	8"x4" Tee	32	3	1	0+80 Right	6.0	15.0	15' Rt	246'	80'
3	8"x4" Tee	31	3	1	1+70 Right	6.0	15.0	15' Rt	156'	170'
4	8"x4" Tee	30	3	1	2+30 Right	6.0	15.0	15' Rt	96'	230'
5	8"x4" Tee	29	3	1	3+00 Right	6.0	15.0	15' Rt	26'	300'



RUGGLES BOHM

PROJECT NUMBER: 468-85162
DRAWING FILE: 4775E - SS 4

DESIGN: EUG
DRAWN: EUG/CDJ

REVIEW: Jan 2017
DATE: Feb 2017

**Bellechase 3rd Addition
Sanitary Sewer 1**
Wichita, Kansas

RB 033
4775E
SHEET
5
OF
12

State of Kansas) SS
Sedgwick County)

We, Ruggles & Bohm, P.A., Land Surveyors in aforesaid county and state, do hereby certify that, under the supervision of the undersigned, we have surveyed and platted "BELLECHASE THIRD ADDITION", an Addition to Wichita, Sedgwick County, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as follows:

A replat of part of Bellechase Second Addition, an Addition to Wichita, Sedgwick County, Kansas and part of the N1/2, SW1/4, Sec. 26, T27S, R2E of the 6th P.M., Sedgwick County, Kansas described as beginning beginning at the northeast corner of Bellechase, an Addition to Wichita, Sedgwick County, Kansas; thence N88°45'24"E along the north line of said N1/2, 1347.55 feet; thence S01°14'36"E, 50.00 feet; thence N88°45'24"E, parallel with said north line, 161.08 feet; thence S28°20'44"E, 109.83 feet; thence S60°42'49"E, 632.00 feet; thence S32°21'18"E, 270.00 feet to a point on the east line of said N1/2; thence S00°50'19"E along said east line, 627.26 feet to the southeast corner of said N1/2; thence S88°42'16"W along the south line of said N1/2, 816.53 feet to the northwest corner of Reserve A, as platted in said Bellechase Second Addition; thence N31°37'02"W, 229.82 feet to the southeast corner of Lot 27, Block 2, as platted in said Bellechase Second Addition; thence N07°48'23"E, 50.90 feet to the Northeast corner of said Lot 27; thence N82°11'37"W, 120.00 feet to the Northwest corner of said Lot 27; thence S07°48'23"W, 5.53 feet to a point of tangency on the east right-of-way line of Bellechase, as platted in said Bellechase Second Addition; thence N82°11'37"W, 64.00 feet to a point on the west right-of-way of Bellechase, said point being a non-tangent point of curve to the right having a radius of 93.00 feet, a central angle of 80°53'53", and a chord bearing S48°15'19"W, 120.67 feet, as platted in said Bellechase Second Addition; thence southwesterly along said curve a distance of 131.31 feet to a point of tangency of said curve, as platted in said Bellechase Second Addition; thence S88°42'16"W, 667.31 feet to the Southwest corner of Lot 1, Block 1, as platted in said Bellechase Second Addition; thence N03°08'58"W, 503.21 feet to the Northwest corner of Lot 6, Block 1, as platted in said Bellechase Second Addition; thence S88°45'24"W, 213.37 feet to the easterly most corner of Lot 3, Block 3, as platted in said Bellechase Addition; thence N43°03'34"W, 207.71 feet to the northeast corner of Lot 1, Block 3, as platted in said Bellechase Addition; thence N05°21'38"W, 64.18 feet to the southeast corner of Lot 9, Block 2, as platted in said Bellechase Addition; thence N01°02'26"W, 413.18 feet to the place of beginning.

All public easements and dedications are hereby vacated by virtue of K.S.A. 12-512b amended.

Ruggles & Bohm, P.A.

Land Surveyor
James D. Hestermann

Know all men by these presents that we, the undersigned, have caused the land described in the surveyor's certificate to be platted into Lots, Blocks, Reserves and Streets, to be known as "BELLECHASE THIRD ADDITION", an Addition to Wichita, Sedgwick County, Kansas. The utility easements are hereby granted for the construction and maintenance of all public utilities. The drainage easements are hereby granted to the public as indicated for drainage purposes. The streets are hereby dedicated to and for the use of the public. Reserves "A" and "B" are hereby reserved for irrigation, gazebos, playground structures, picnic areas/ tables with canopies, walks, lighting, landscaping, lakes, drainage, drainage structures, and utilities confined to easements. Reserve "C" is hereby reserved for signage, irrigation, walks, lighting, landscaping, parking, a swimming pool and swimming pool related improvements. The Reserves are to be owned and maintained by the Homeowners Association for the addition. A drainage plan has been developed for this plat and all drainage easements, rights-of-way, or reserves shall remain at established grades, or as modified with the approval of the City Engineer, and unobstructed to allow for the conveyance of stormwater.

JBC INVESTMENT, INC.

President
Stephen G. Miller

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me, this _____ day of _____, 201____, by Stephen G. Miller, President, on behalf of Bellechase Development L.L.C.

Notary Public

My appointment expires _____.

We the undersigned, holders of a mortgage on a portion of the above described property, do hereby consent to this plat of "BELLECHASE THIRD ADDITION", an Addition to Wichita, Sedgwick County, Kansas.

Garden Plain State Bank

President
Patrick F. Walden

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me this _____ day of _____, 201____, by Patrick F. Walden, President of Garden Plain State Bank, on behalf of the Bank.

Notary Public

My appointment expires _____.

This plat of "BELLECHASE THIRD ADDITION", an Addition to Wichita, Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this _____ day of _____, 201____.

Wichita-Sedgwick County Metropolitan Area Planning Commission

Chair
David Dennis
Secretary
John L. Schlegel

This plat approved and all dedications shown hereon accepted by the Council of the City of Wichita, Kansas, this _____ day of _____, 201____.

At the Direction of the City Council
Mayor
Carl Brewer
City Clerk
Karen Sublett

Reviewed in accordance with K.S.A. 58-2005 on this _____ day of _____, 201____.

Deputy County Surveyor
Sedgwick County Kansas
Tricia L. Robello, LS #1246

Entered on transfer record this _____ day of _____, 201____.

County Clerk
Kelly B. Arnold

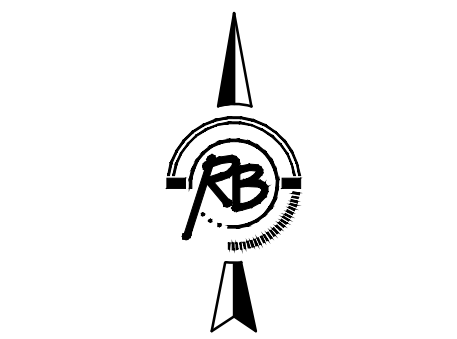
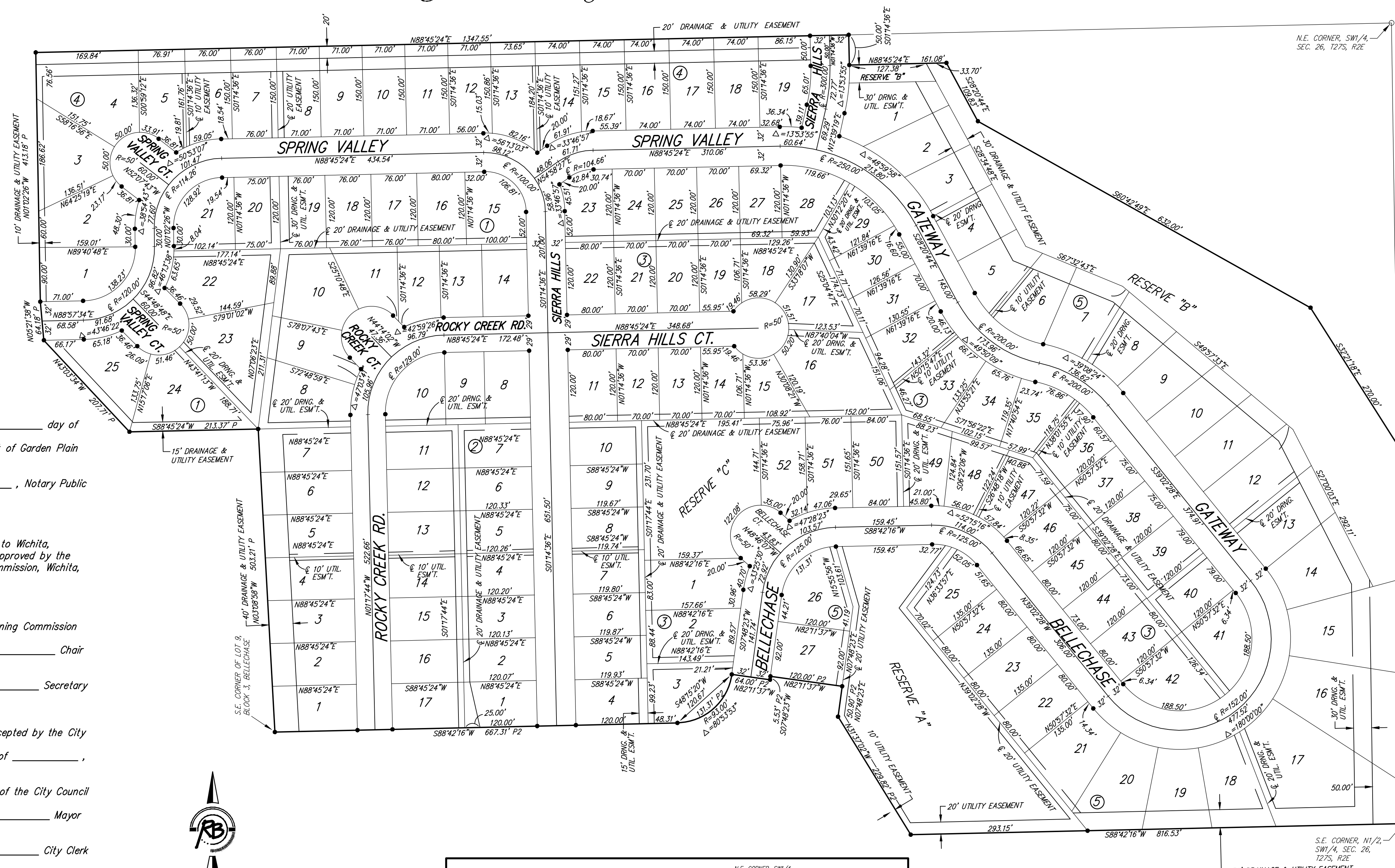
State of Kansas) SS
Sedgwick County)

This is to certify that this plat has been filed for record in the office of the Register of Deeds, this _____ day of _____, 201____, at _____ o'clock _____ M, and is duly recorded.

Register of Deeds
Bill Meek
Deputy
Tonya Buckingham

BELLECHASE THIRD ADDITION

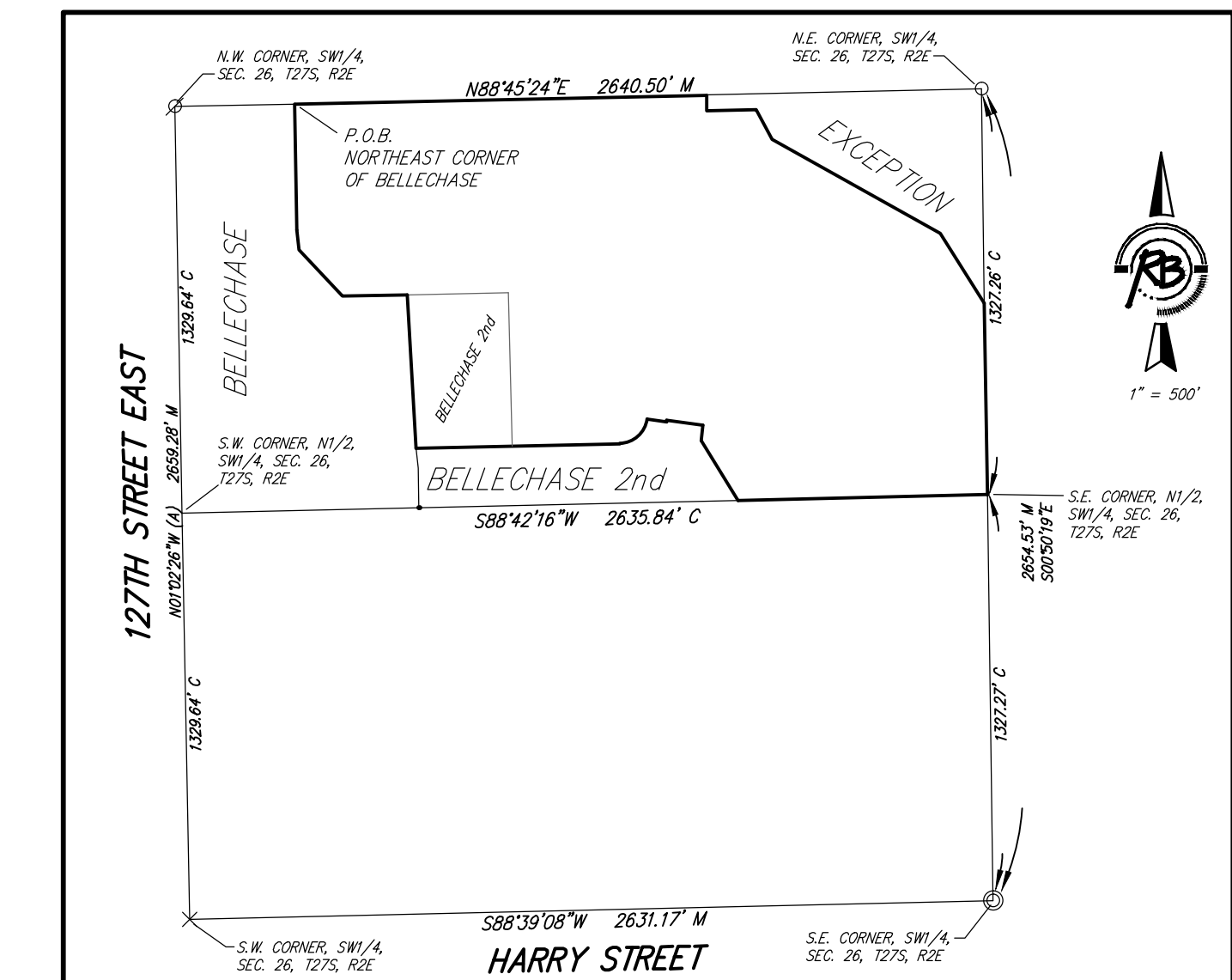
an Addition to Wichita, Sedgwick County, Kansas



- SURVEY MARKER LEGEND**
- - 1/2" IRON PIPE (FOUND - ORIGIN UNKNOWN)
 - ⊙ - 3/4" IRON PIPE (FOUND - ORIGIN UNKNOWN)
 - ⊗ - 1/2" REBAR (FOUND - ORIGIN UNKNOWN)
 - ⊕ - CHISELED CROSS (FOUND - ORIGIN UNKNOWN)
 - ⊗ - 5/8" REBAR W/RUGGLES & BOHM CAP (FOUND)
 - ⊗ - 5/8" REBAR W/RUGGLES & BOHM CAP (SET)

BENCHMARK: CHISELED SQUARE ON THE TOP OF CURB AT THE SOUTHEAST CORNER OF SPRING VALLEY AND HORSEBACK
ELEVATION = 1331.27 (NAVD88)

BENCHMARK: CHISELED SQUARE ON THE TOP OF CURB AT THE SOUTHEAST CORNER OF ALDEN AND BELLECHASE
ELEVATION = 1323.30 (NAVD88)



BLOCK	LOT NO.	ELEVATION (NAVD88)
5	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	1319.0
	12, 13, 14, 15, 16, 17, 18, 19, 20	1317.0
	21, 22, 23, 24, 25, 26, 27	1318.3

Ruggles & Bohm, P.A.
Engineering, Surveying, Land Planning
924 North Main (316) 264-8008
Wichita, Kansas 67203 (316) 264-4621 fax
www.rbkansas.com E-mail: info@rbkansas.com

DWG FILE: SURVEY BASE
PROJECT NO. 40159
NOVEMBER 28, 2012