

# Lateral 542, Southwest Interceptor SANITARY SEWER EXTENSION

to serve

## Siena Lakes Phase 1

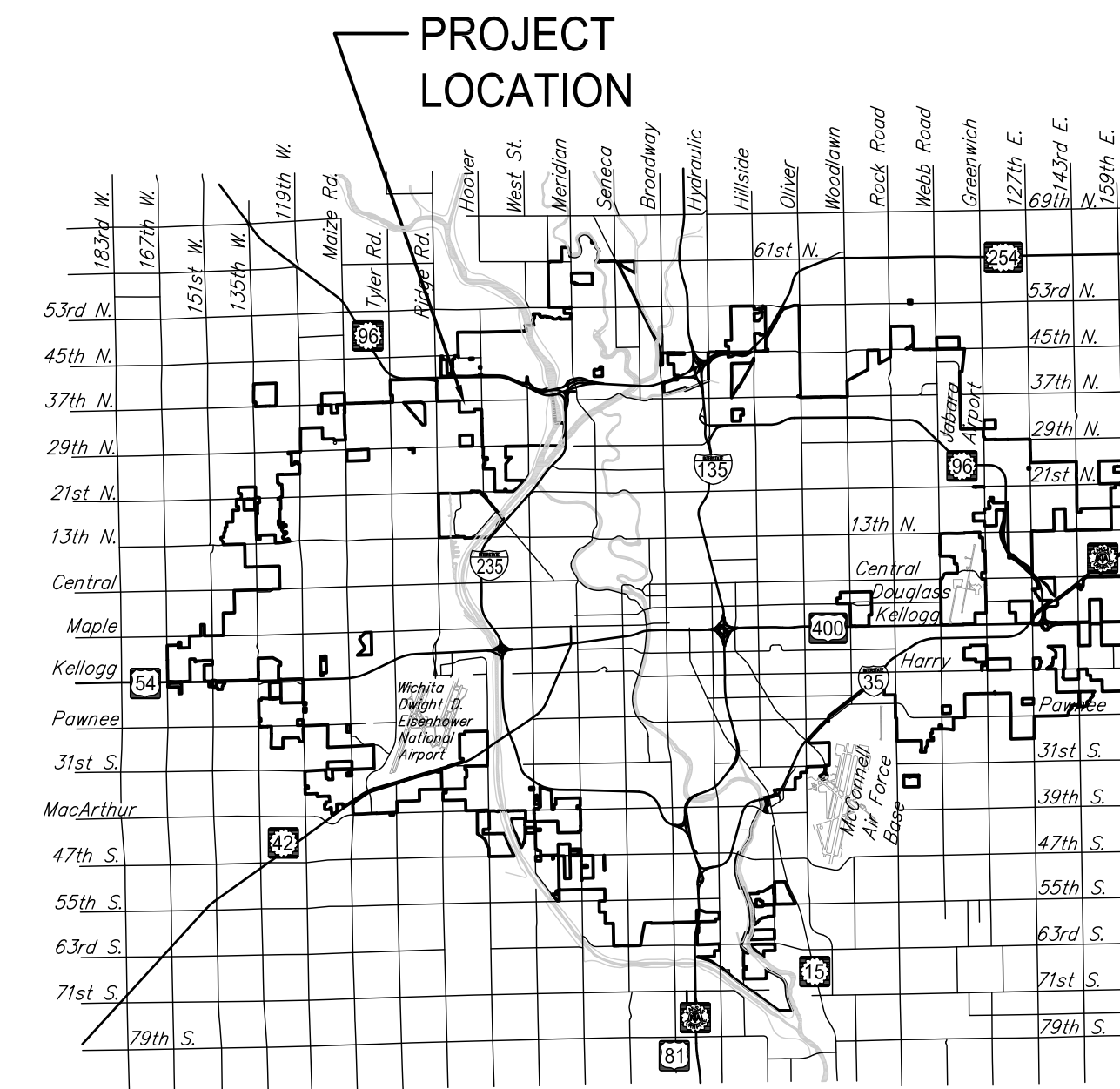
CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer

Project Number 468-84969

O.C.A. NO. 744372

Duling Construction - Contractor  
G. Baalman - City of Wichita, Field Project Engineer  
T. Dvorak - City of Wichita, Inspector  
As-built  
Stubs & Risers  
Release Date: 11/23/2015  
pdf: APRosas 12/31/2015



Vicinity Map

### Sheet Index

1. TITLE SHEET
- 2-5. PLAN & PROFILES
6. PRECAST SS MANHOLE DETAILS
7. MH FRAME & COVER DETAILS
8. CLEANOUT RISER DETAILS
9. TRACER WIRE SS
- 10-11. BUBBLE MAPS
- 12-16. EROSION CONTROL DETAILS
17. PLAT

### GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
2. 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 260-7204  
Kansas Gas Service 1-888-482-4950  
Westar 363-8600  
AT&T 1-800-286-8313  
City of Wichita Water Department 262-6000  
City of Wichita Sewer Maintenance 262-6000
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coon at [traffic@wichita.gov](mailto: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 responsibly.
10. All elevations shown are NAVD 88.
11. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
12. 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.
13. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
14. 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.

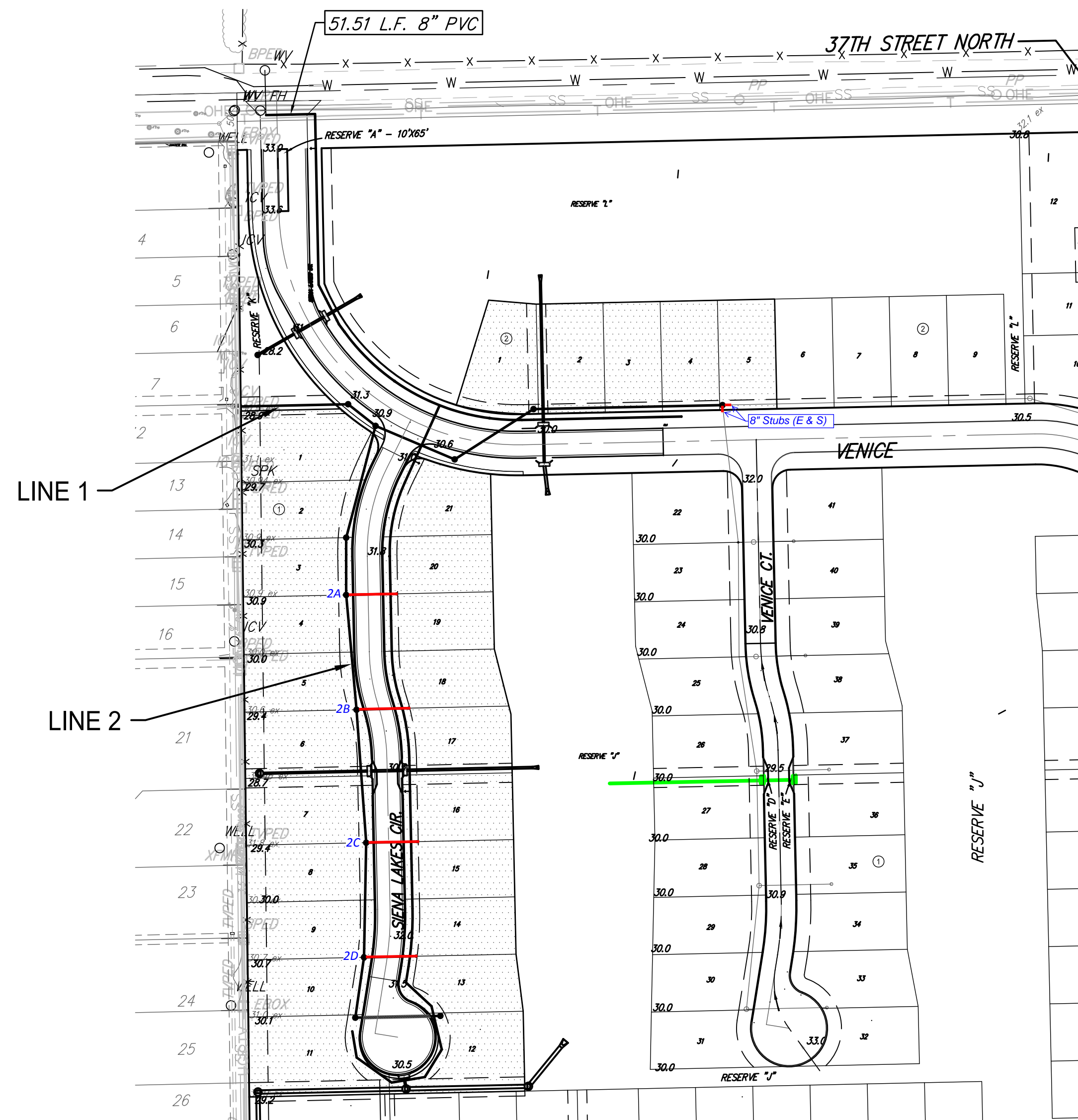
### Benchmarks

BENCHMARK #1: CHISELED SQUARE AT THE END OF THE TOP OF CURB AT THE SOUTHEAST CORNER OF RIDGE PORT AND 37TH ST. N., ELEVATION = 1333.05 (NAVD88)

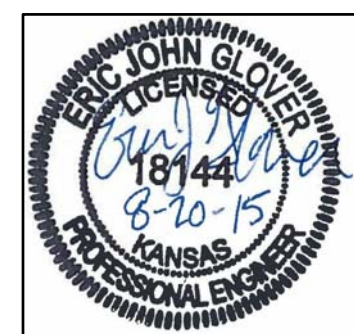
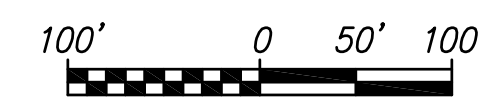
BENCHMARK #2: RAILROAD SPIKE IN THE NORTH FACE OF THE 6TH POWER POLE WEST OF HOOVER, 2066' W. & 18' S. OF 37TH ST. N. AND HOOVER, ELEVATION = 1332.89 (NAVD88)

BENCHMARK #3: RAILROAD SPIKE IN THE NORTH FACE OF THE 4TH POWER POLE WEST OF HOOVER, ON THE WEST SIDE OF THE DRIVE ENTRANCE TO HOUSE #6007, 1494' W. & 20' S. OF 37TH ST. N. AND HOOVER, ELEVATION = 1334.74 (NAVD88)

BENCHMARK #4: CHISELED SQUARE ON THE SOUTH SIDE OF CURB INLET ON THE EAST SIDE OF LAKEWAY ST., 8.5' NORTH OF THE NORTH FACE OF HOUSE #3514 LAKEWAY ST. ELEVATION = 1329.58 (NAVD88)

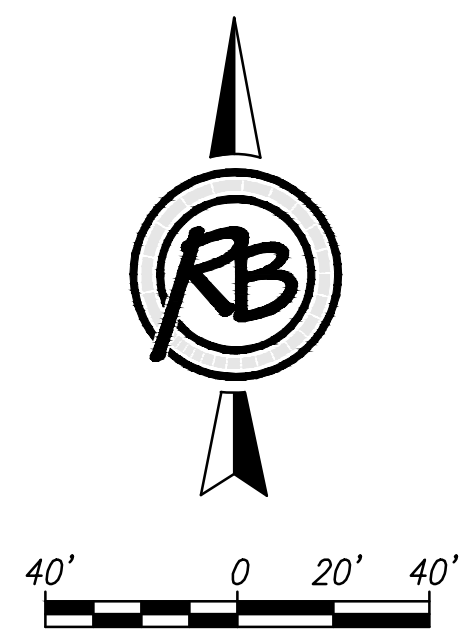
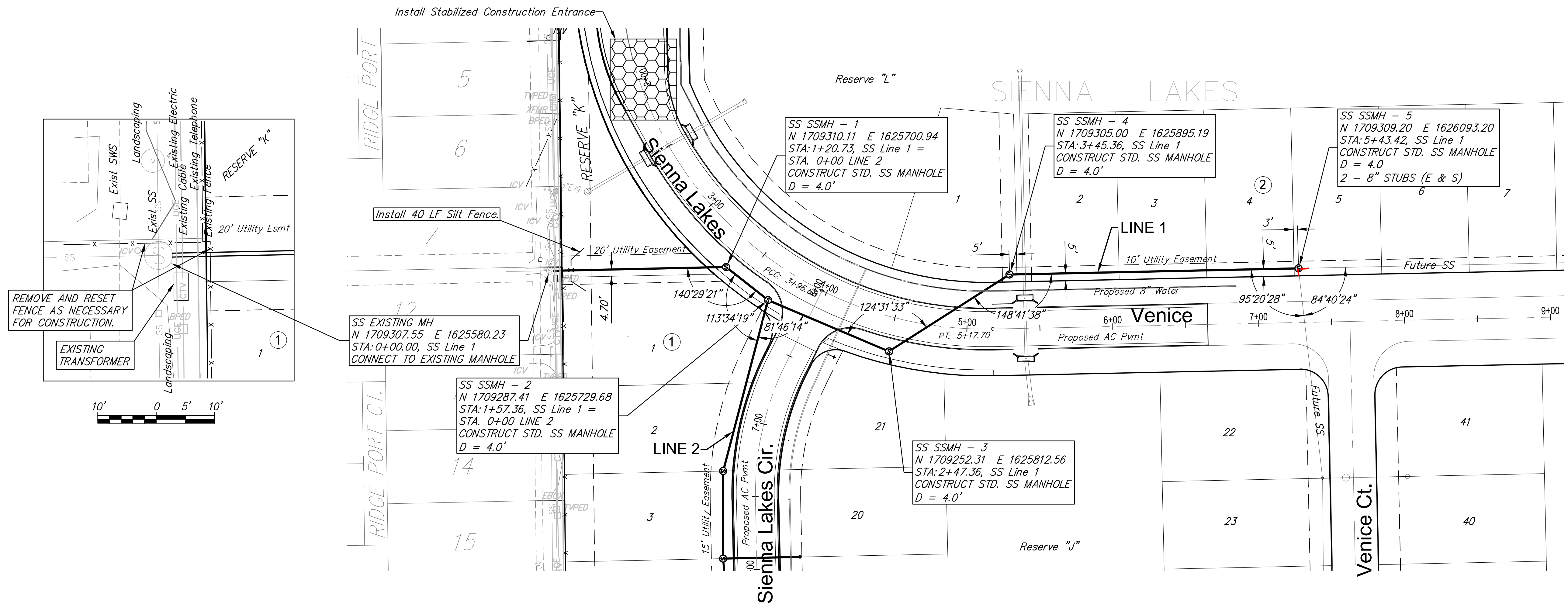


IMPROVEMENT DISTRICT

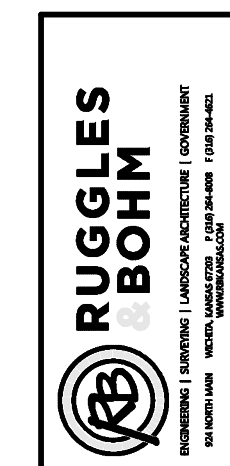


ENGINEERING | SURVEYING | LANDSCAPE ARCHITECTURE | GOVERNMENT  
924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621  
WWW.RBKANSAS.COM

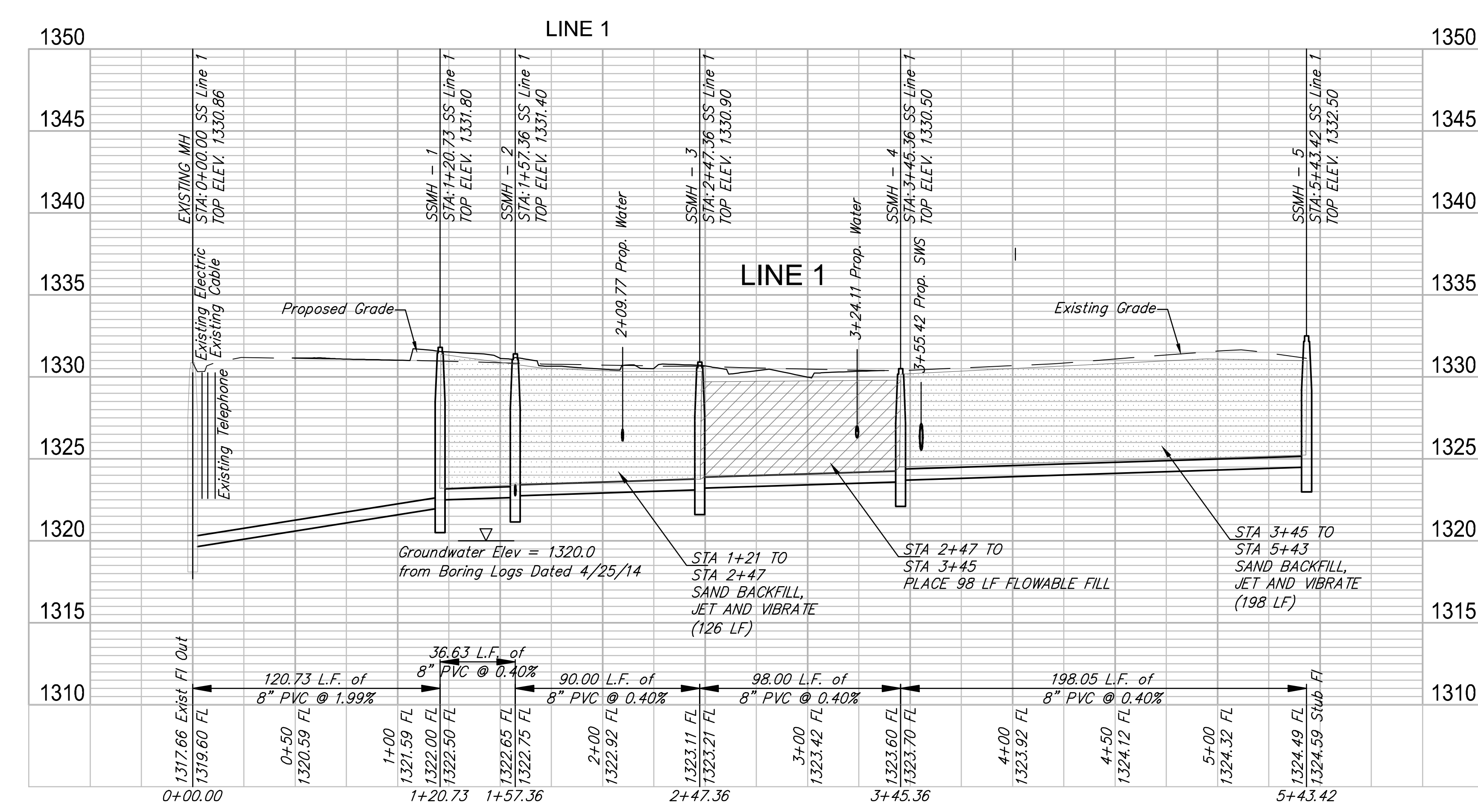
F:\Projects\Projects 4300-4399\4350E - (Sienna Lakes Ph. 1 - Engineering Randy Ketzner)\Phase 1 - Jay Russell\Sienna Lakes Eng Base.dwg



Revised 8/25/2015



Revised 8/25/2015



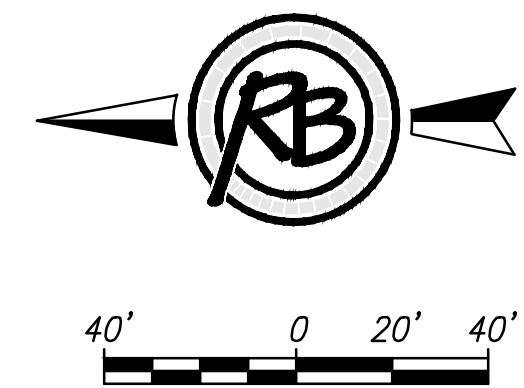
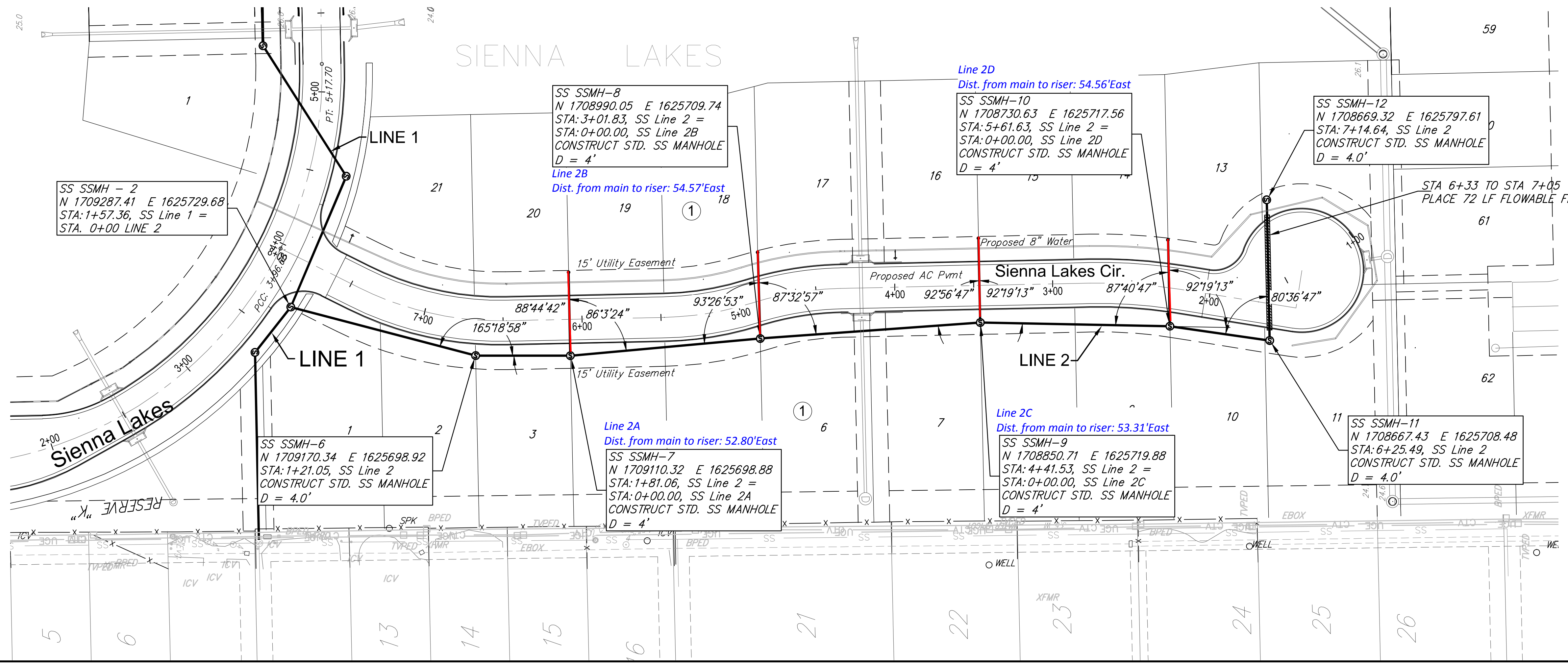
**Sienna Lakes Phase 1**  
**SS Line 1**  
 Wichita, Kansas

PROJECT NUMBER: 468-84969  
 DESIGN: EUG  
 DRAWING FILE: Sienna Lakes Eng Base [SS Line 1]

REVIEW: Aug 7, 2015  
 DATE: Aug 19, 2015

DESIGNER: EUG  
 DRAWN: DS

RB JOB: 4350E  
 SHEET: 2 OF 17

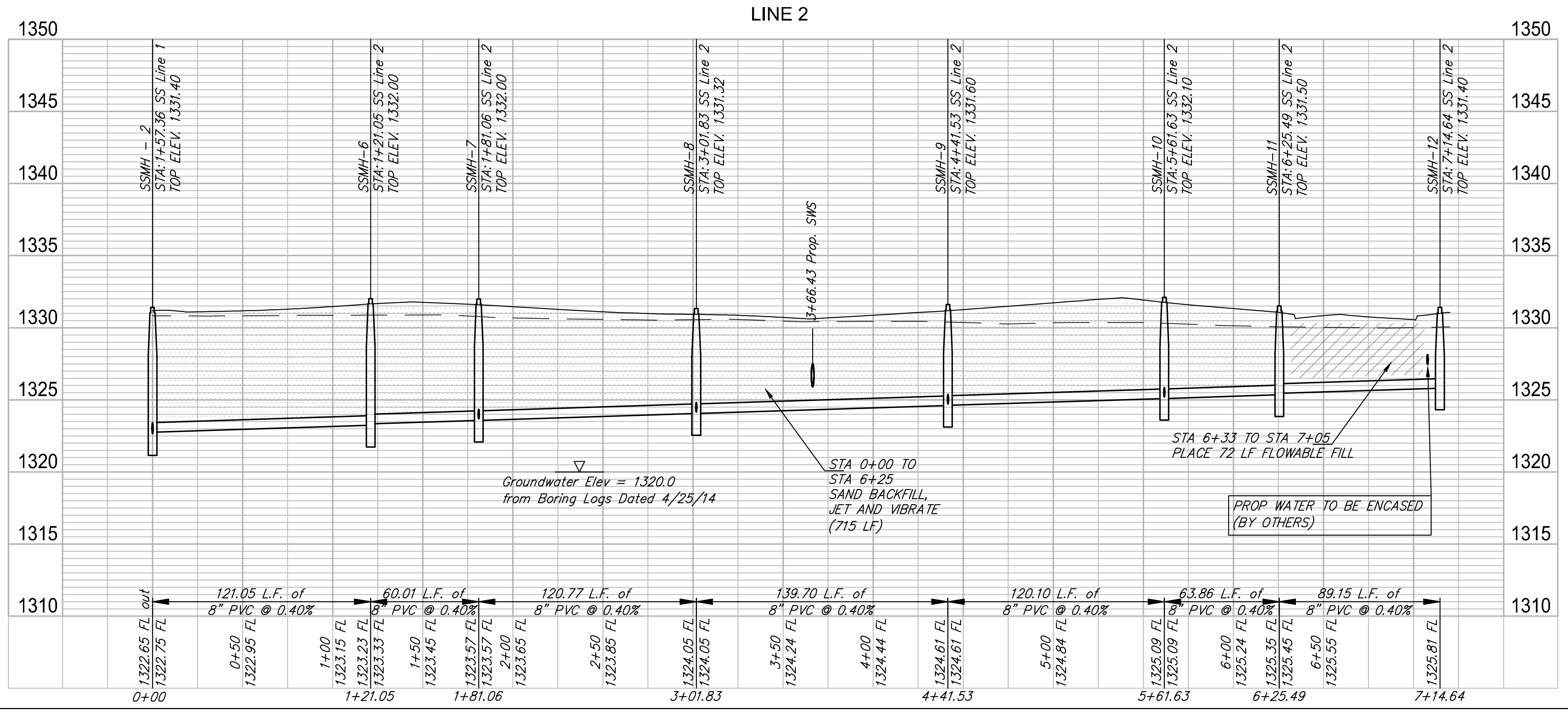


Revised 8/25/2015

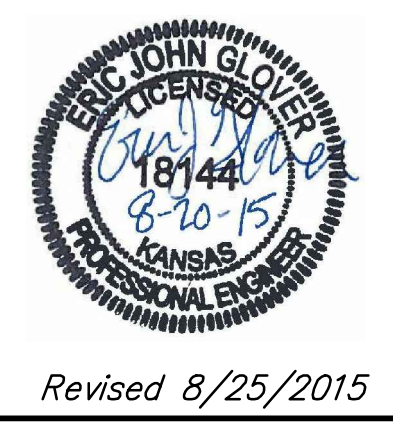
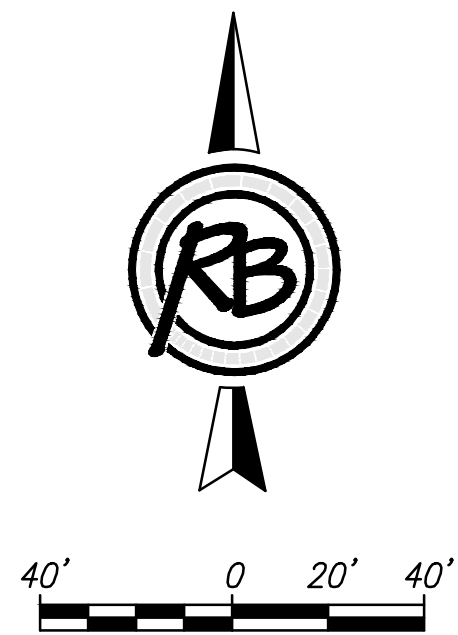
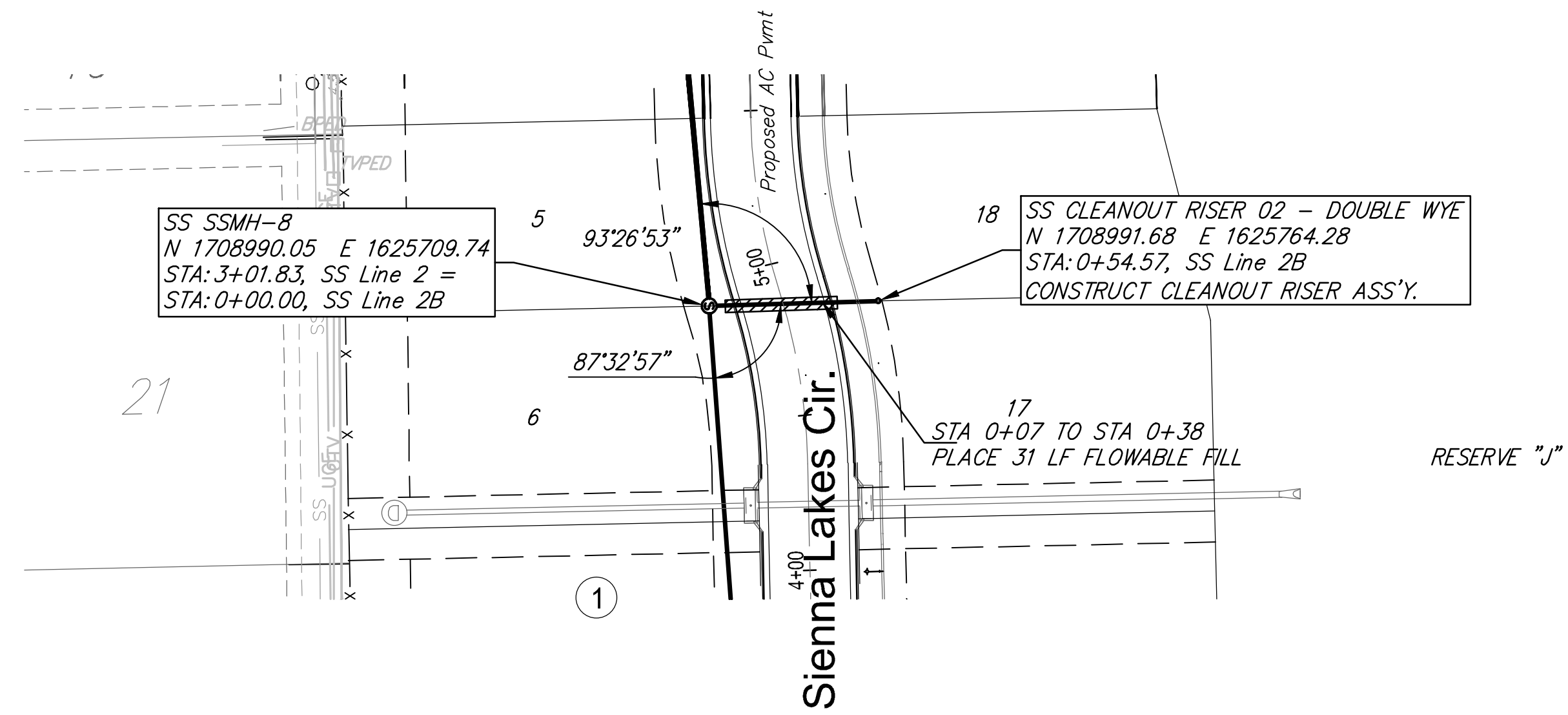
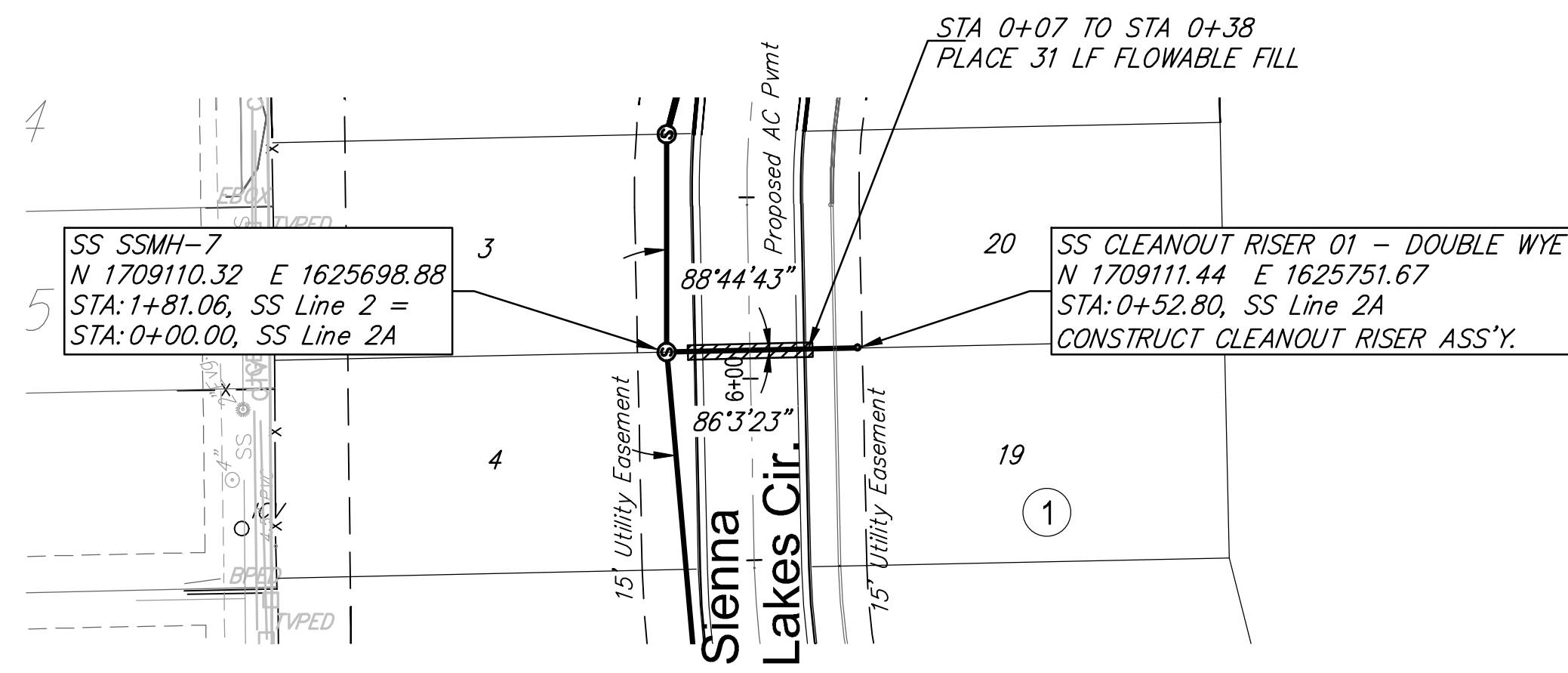


REVIEW	Aug 7, 2015
DATE	Aug 19, 2015
DESIGN	EJG
CRACK	DS
PROJECT NUMBER	468-84969
DRAWING FILE	Sienna Lakes Eng Base (SS Line 2)

**Sienna Lakes Phase 1**  
**SS Line 2**  
 Wichita, Kansas



F:\Projects\Projects 4300-4399\4350E (Sienna Lakes Ph. 1 Engineering Randy Ketzner)\Phase 1 - Jay Russell\Sienna Lakes Eng Base.dwg



Revised 8/25/2015



REVIEW  
Aug 7, 2015  
Aug 7, 2015

DESIGN  
EJG  
EJG

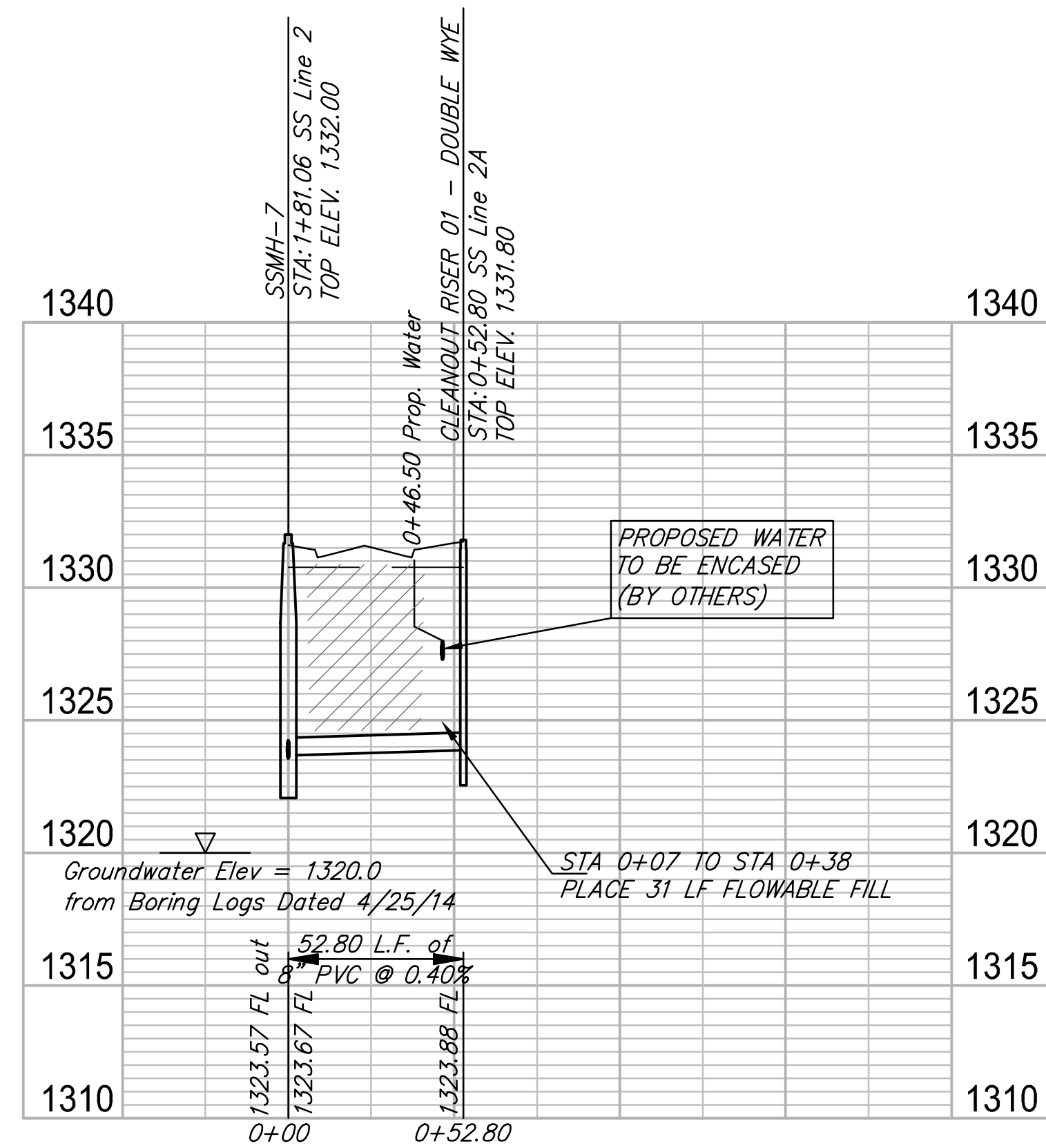
PROJECT NUMBER  
468-84969

DRAWING FILE  
Sienna Lakes Eng Base [SS Line 2A & 2B]

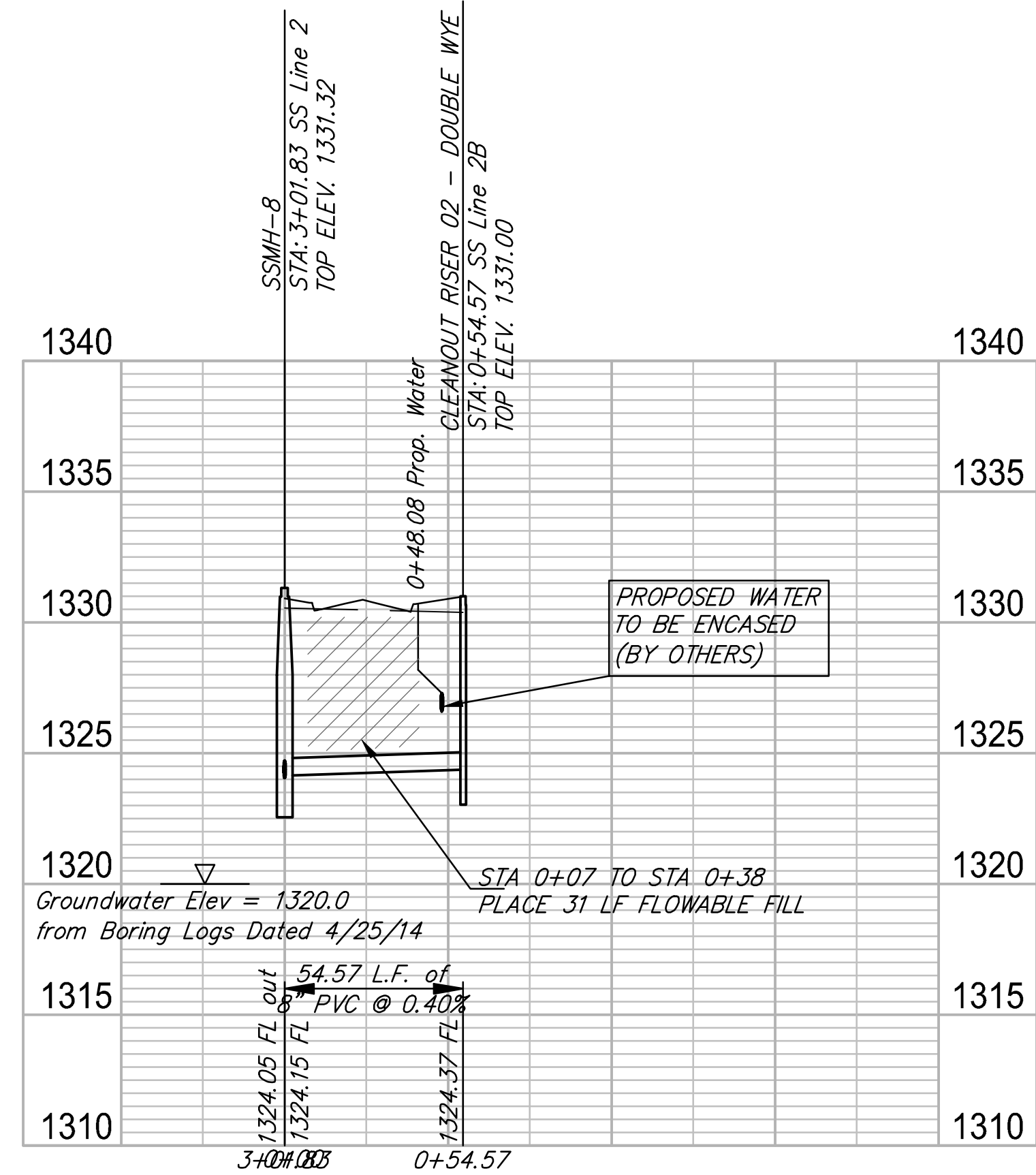
DATE  
Aug 19, 2015

CROWN  
JPS

LINE 2A

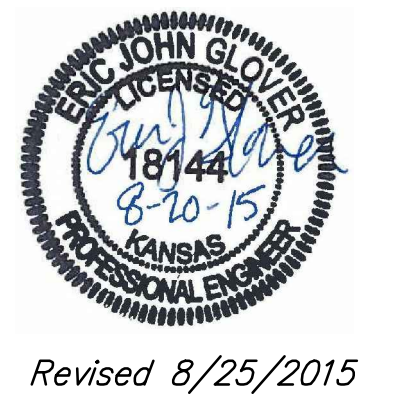
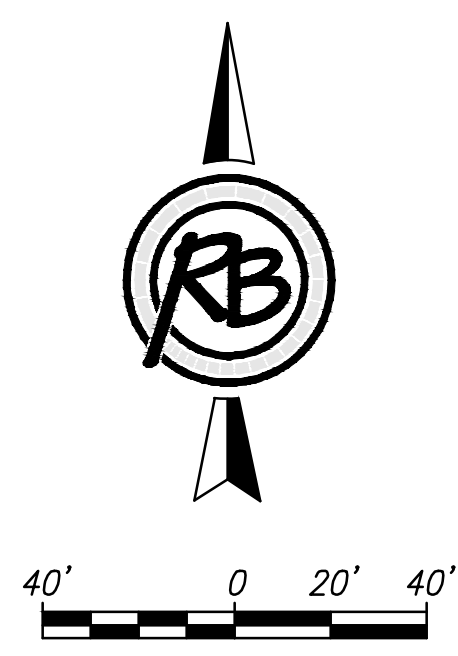
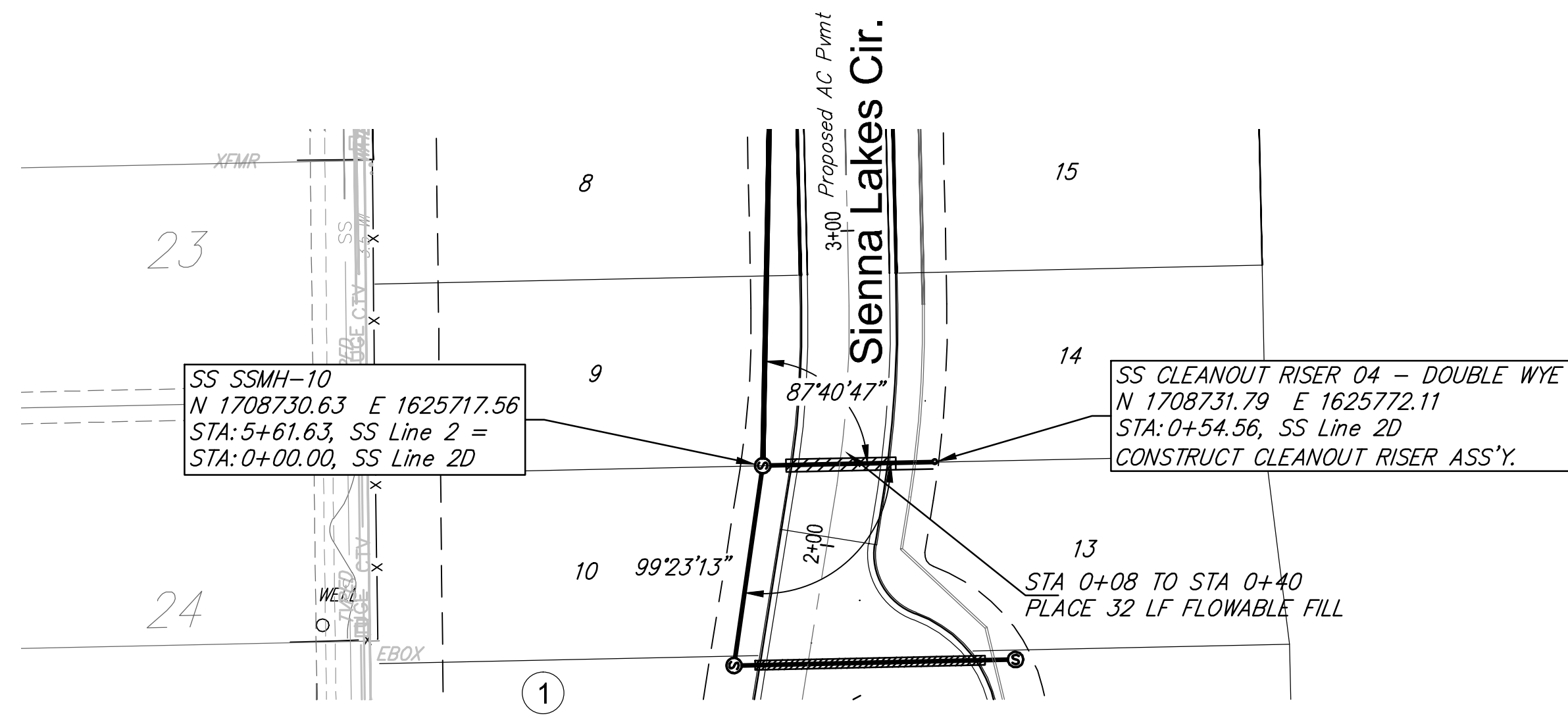
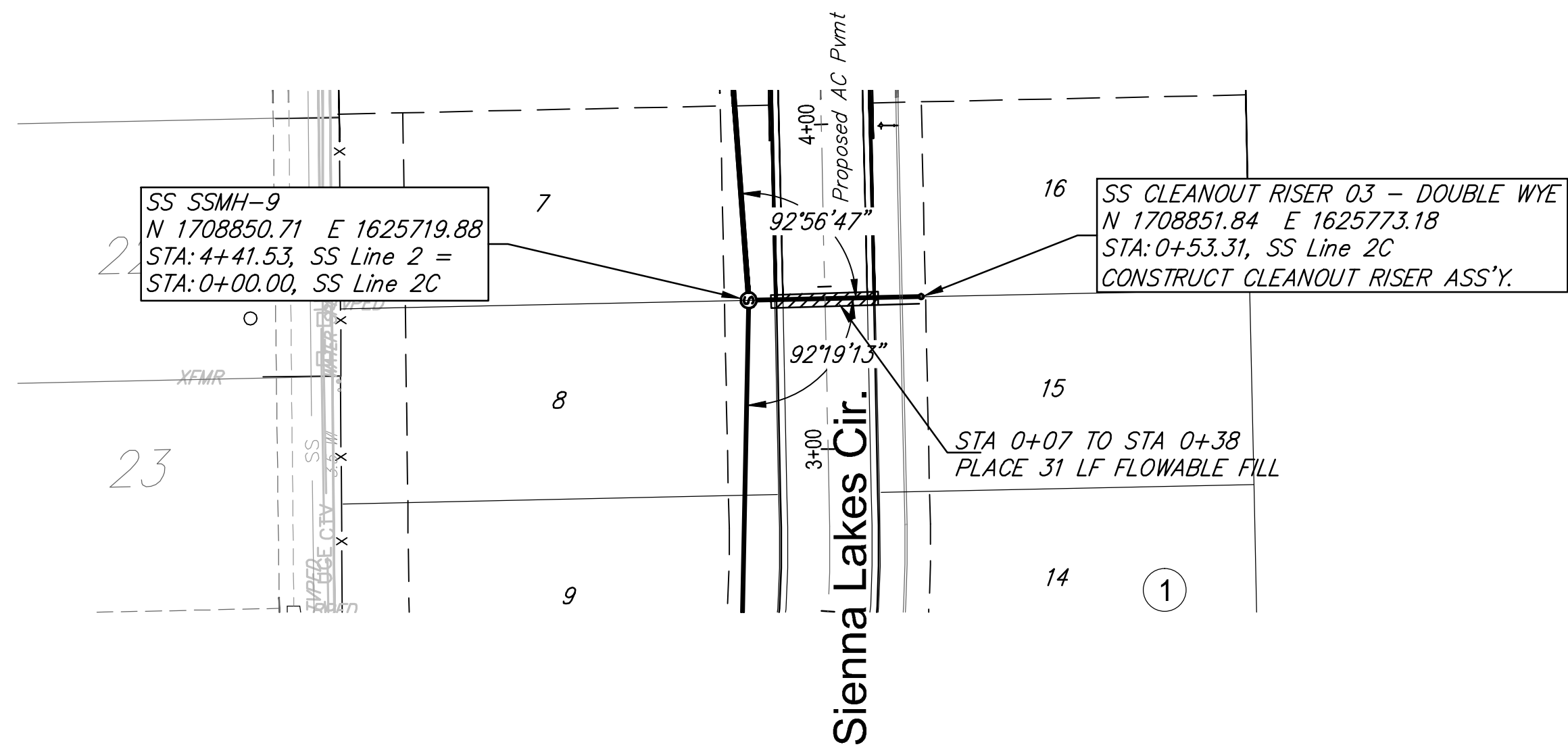


LINE 2B



Sienna Lakes Phase 1  
SS Line 2A & 2B  
Wichita, Kansas

F:\Projects\Projects 4300-4399\4350E - (Sienna Lakes Ph. 1 - Engineering Randy Ketzner)\Phase 1 - Jay Russell\Sienna Lakes Eng Base.dwg



Revised 8/25/2015

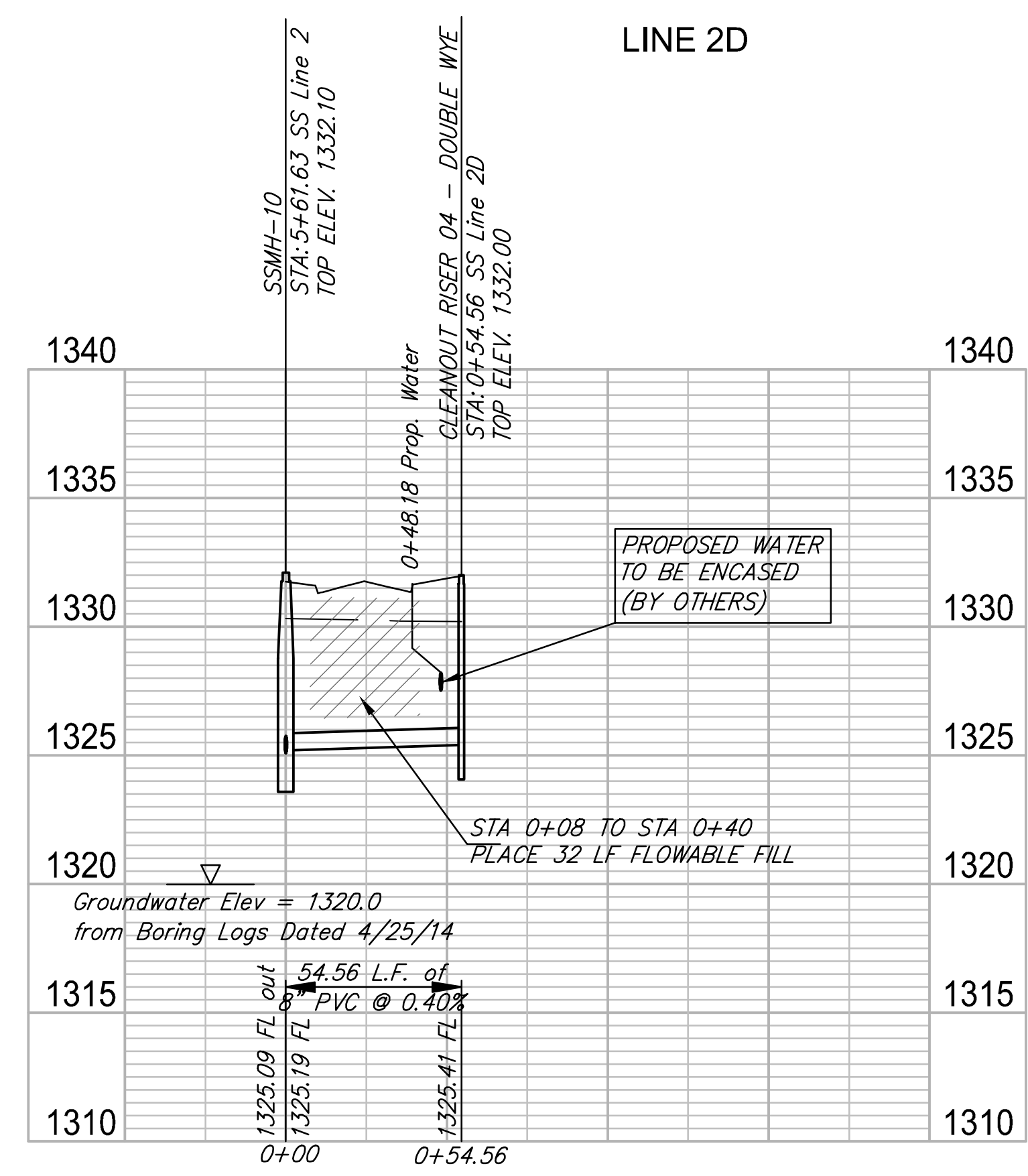
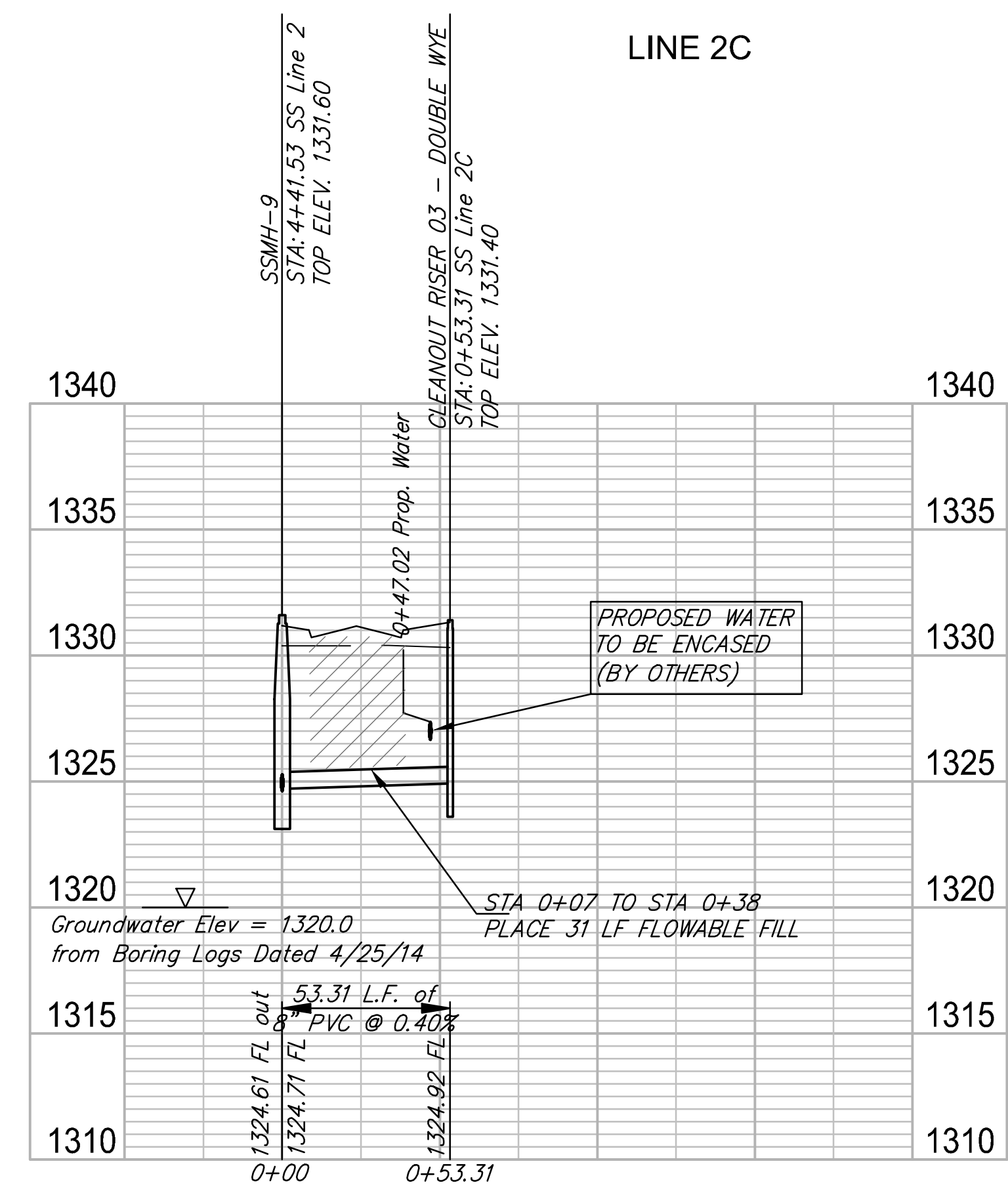


**RUGGLES & BOHM**  
ENGINEERS / ARCHITECTS / LANDSCAPE ARCHITECTS / CONTRACTORS  
1800 W. WASHINGTON ST., SUITE 1000  
WICHITA, KANSAS 67202-1000  
PH: 316.261.1111 FAX: 316.261.1112

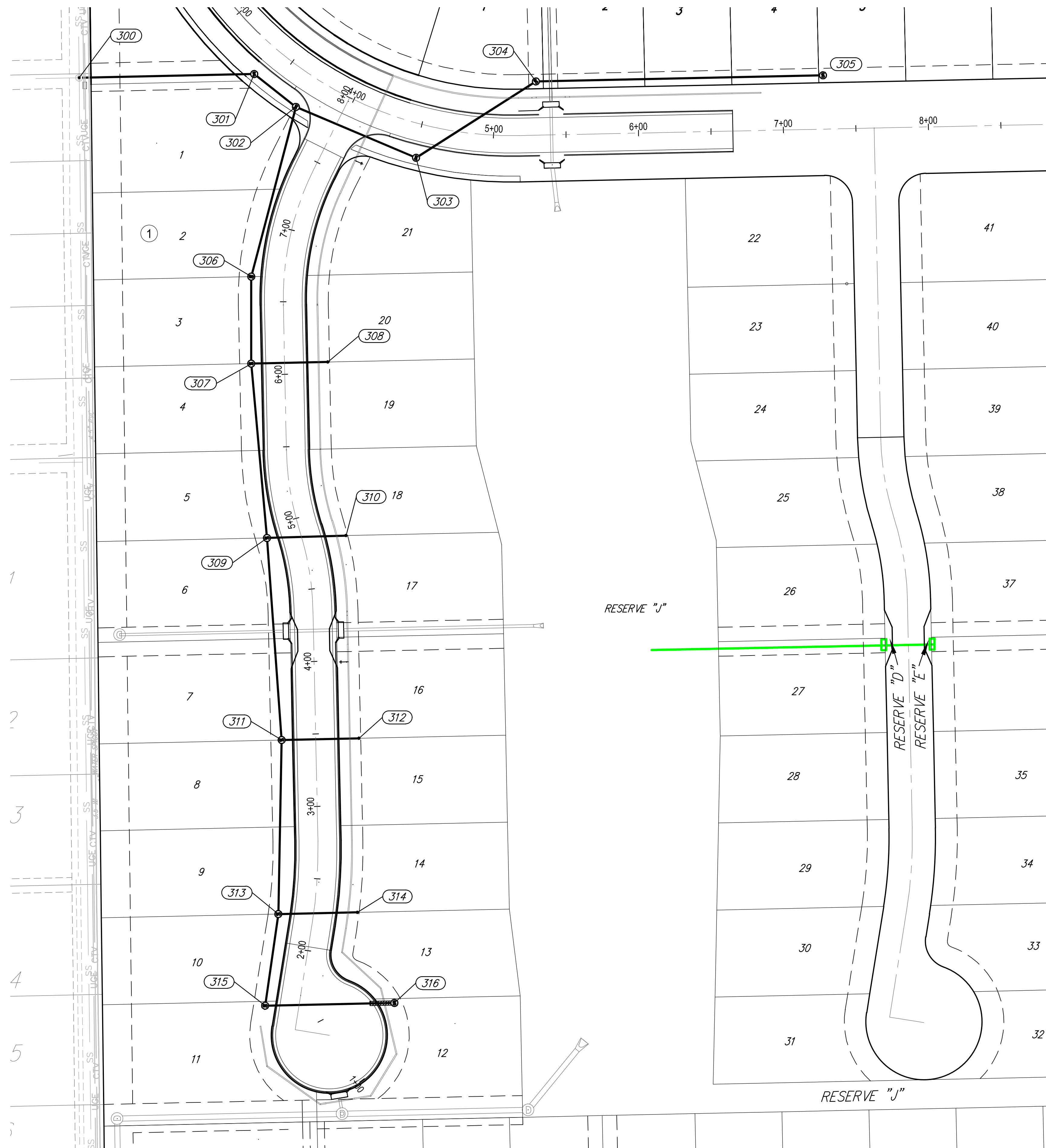
REVIEW: Aug 7, 2015  
DATE: Aug 19, 2015  
DESIGN: E.J.G.  
DRAWING FILE: Sienna Lakes Eng Base (SS Line 2C & 2D) 42.pptx

**Sienna Lakes Phase 1  
SS Line 2C & 2D  
Wichita, Kansas**

4350E  
SHEET 5 OF 17



F:\Projects\Projects 4300-4399\4350E (Sienna Lakes Ph 1 Engineering Randy Keltner)\Phase 1 - Jay Russel\Sienna Lakes Eng Base.dwg

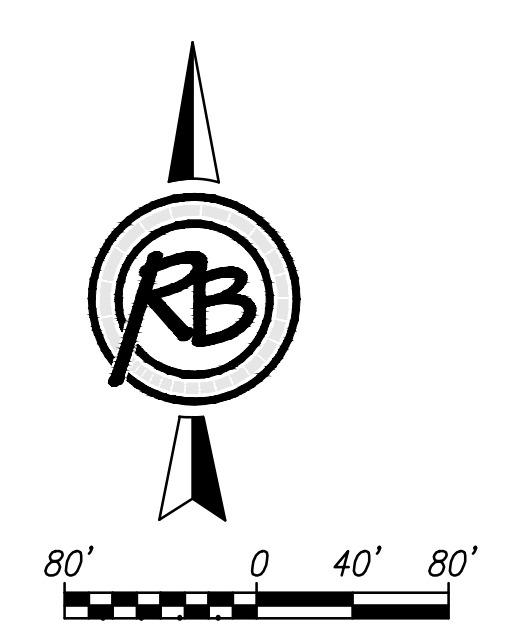
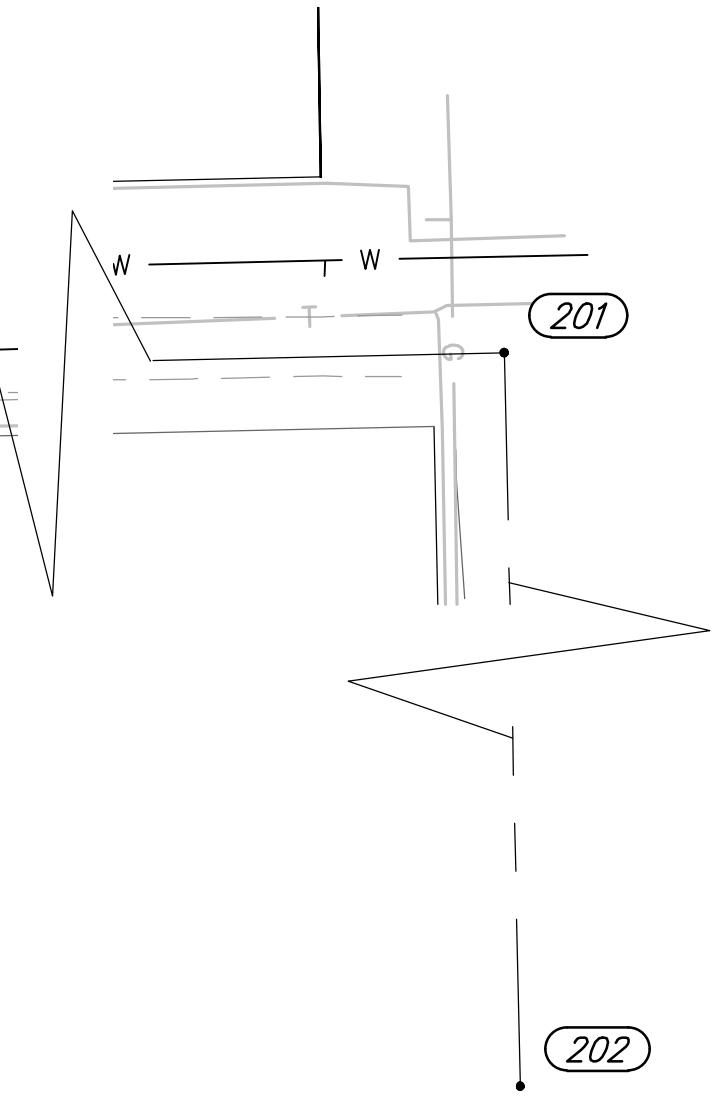


**Point Table**

Point #	Northing	Easting	Description
300	1709307.55	1625580.23	
301	1709310.11	1625700.94	
302	1709287.41	1625729.68	
303	1709252.31	1625812.56	
304	1709305.00	1625895.19	
305	1709309.20	1626093.20	
306	1709170.34	1625698.92	
307	1709110.32	1625698.88	
308	1709111.44	1625751.67	
309	1708990.05	1625709.74	
310	1708991.68	1625764.28	
311	1708850.71	1625719.88	
312	1708851.84	1625773.18	
313	1708730.63	1625717.56	
314	1708731.79	1625772.11	
315	1708667.43	1625708.48	
316	1708669.32	1625797.61	

**Siena Lakes Phase 1  
SS Bubble Map**

	<p><b>RUGGLES &amp; BOHM</b></p> <p>ENGINEERING   SURVEYING   LANDSCAPE ARCHITECTURE   GOVERNMENT</p> <p>924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621 WWW.RUGGLESANDBOHM.COM</p>		<p>DATE Aug 19, 2015</p>
	<p>PROJECT NUMBER: 468-84969</p>		<p>DESIGN ...</p>
	<p>RB JOB NO.: 4350E</p>		<p>DRAWN ...</p>
	<p>DRAWING FILE: Siena Lakes Eng Base [SS Bubble Map]</p>		<p>REVIEW ...</p>
		<p>DIWG. SCALE: ...</p>	<p>DATE <b>Aug 7, 2015</b></p>
		<p>SHEET <b>10</b></p>	<p>DATE <b>Aug 7, 2015</b></p>
		<p>OF <b>17</b></p>	



Point Table			
Point #	Northing	Easting	Description
200	1709579.95	1622952.76	SECTION CORNER
201	1709691.35	1628176.12	SECTION CORNER
202	1707052.69	1628233.57	SECTION CORNER
203	1709636.36	1625584.31	QUARTER CORNER
204	1709576.36	1625585.05	ADDITION CORNER
205	1708320.04	1625600.59	ADDITION CORNER
206	1708345.70	1626902.97	ADDITION CORNER
207	1709246.50	1626887.42	ADDITION CORNER
208	1709242.07	1626678.76	ADDITION CORNER
209	1709599.44	1626672.59	ADDITION CORNER
210	1709576.57	1625595.05	BLOCK CORNER
211	1709578.23	1625673.03	BLOCK CORNER
212	1709511.59	1625596.43	PC
213	1709436.40	1625676.04	PI
214	1709281.60	1625723.97	PCC
215	1709257.21	1625730.56	PT
216	1709251.49	1625727.71	PC
217	1709150.46	1625705.03	PT
218	1709050.48	1625707.15	PC
219	1708990.20	1625717.07	PCC
220	1708938.85	1625725.52	PT
221	1708790.88	1625728.66	PC
222	1708726.98	1625725.16	PT
223	1708653.35	1625713.36	PC
224	1709242.92	1625759.20	PT
225	1709237.20	1625756.34	PC
226	1709151.14	1625737.02	PT
227	1709051.16	1625739.14	PC
228	1708999.81	1625747.59	PCC
229	1708939.53	1625757.51	PT

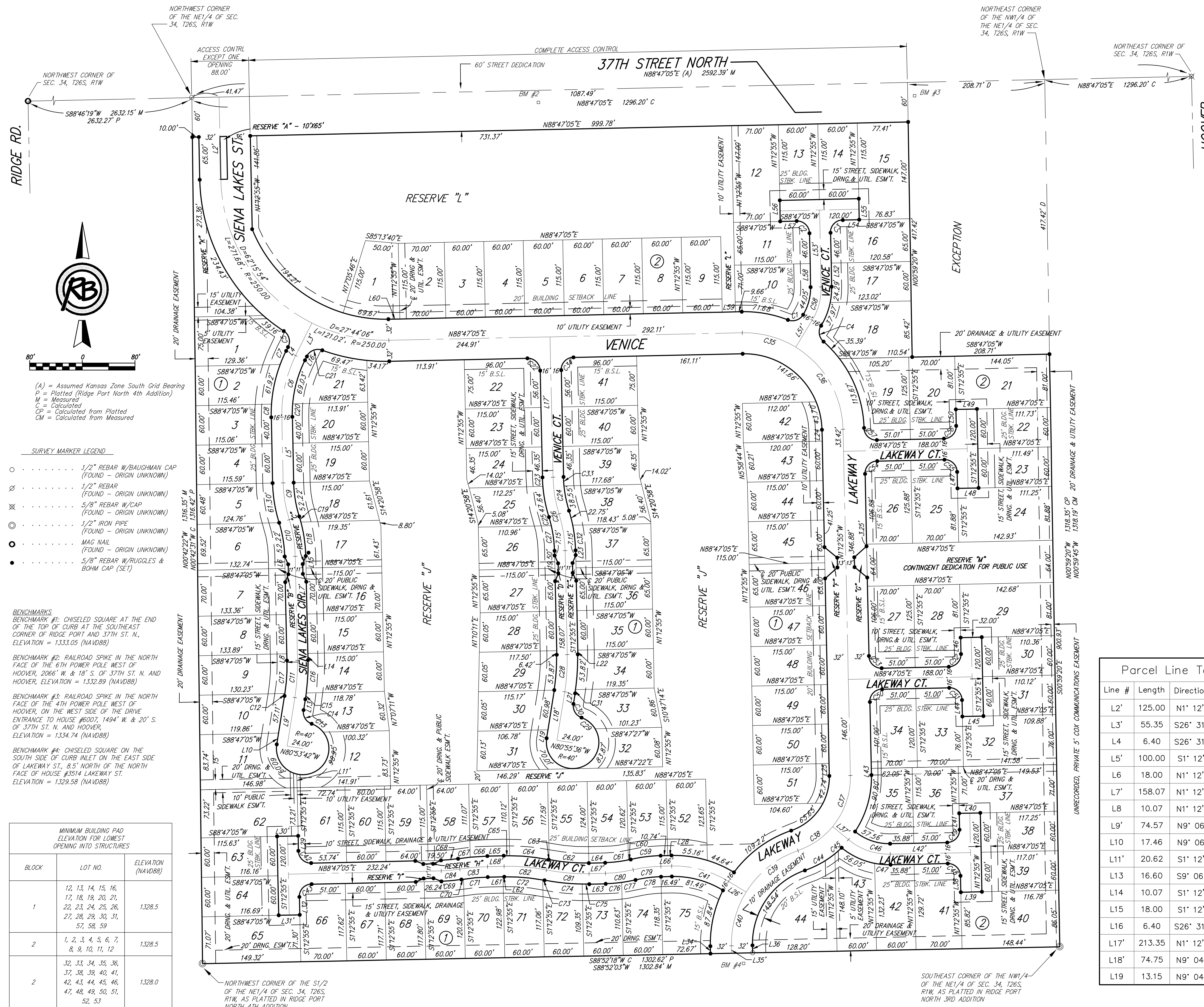
Point Table			
Point #	Northing	Easting	Description
230	1708791.56	1625760.65	PC
231	1708721.92	1625756.76	PT
232	1708705.52	1625754.13	PC
233	1708684.65	1625766.44	PCC
234	1709252.31	1625782.65	PC
235	1709299.62	1625882.99	PT
236	1709235.63	1625884.35	PT
237	1709240.09	1626094.21	PC
238	1709241.57	1626164.20	PC
239	1709221.49	1626113.61	PT
240	1709222.17	1626145.61	PT
241	1709059.18	1626117.06	PC
242	1709059.86	1626149.05	PC
243	1708985.80	1626130.58	PCC
244	1708986.49	1626163.18	PCC
245	1708947.55	1626135.43	PT
246	1708948.22	1626167.42	PT
247	1708795.93	1626138.65	PC
248	1708796.61	1626170.64	PC
249	1708714.83	1626164.15	PT
250	1708693.96	1626176.47	PCC
251	1708662.64	1626123.41	PC
252	1709311.01	1626419.90	PC
253	1709247.02	1626421.26	PC
254	1708584.32	1625597.32	Block Corner
255	1708590.45	1625886.15	Block Corner

**Siena Lakes Phase 1**  
**Addition Bubble Map - SS**

	<b>RUGGLES &amp; BOHM</b>	ENGINEERING   SURVEYING   LANDSCAPE ARCHITECTURE   GOVERNMENT 924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621 WWW.RUGGLESANDBOHM.COM	DATE Aug 19, 2015
	PROJECT NUMBER 468-84969	RB JOB NO. 4350E	DRAWING SCALE ...
	DRAWING FILE Siena Lakes Eng Base [Addition Bubble Map - SS]		REVIEW Aug 7, 2015
			SHEET 11 OF 17

# SIENA LAKES

## an Addition to Wichita, Sedgwick County, Kansas



Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	26.52	19.00	79.97	N71° 21' 55"E	24.42
C2	29.85	19.00	90.00	N46° 12' 55"W	26.87
C3	29.85	19.00	90.00	S43° 47' 05"W	26.87
C4	26.52	19.00	79.97	S8° 36' 25"E	24.42
C5	27.63	19.00	83.32	N15° 08' 30"W	25.26
C6	96.81	200.00	27.74	S12° 39' 08"W	95.87
C7	22.61	216.00	6.00	S23° 31' 17"W	22.60
C8	20.03	216.00	5.31	S1° 26' 28"W	20.02
C9	56.76	200.00	16.26	S9° 20' 44"E	56.57
C10	56.76	200.00	16.26	N9° 20' 44"W	56.57
C11	56.92	316.00	10.32	N3° 56' 41"E	56.84
C12	3.87	300.00	0.74	N8° 44' 07"E	3.87
C13	21.96	40.00	31.45	N54° 25' 29"W	21.68
C14	26.28	19.00	79.25	S30° 31' 21"E	24.24
C15	9.68	332.00	1.67	N8° 16' 11"E	9.68
C16	50.12	332.00	8.65	N3° 06' 34"E	50.07
C17	50.16	300.00	9.58	N3° 34' 30"E	50.11
C18	52.52	216.00	13.93	N8° 10' 50"W	52.39
C19	8.78	216.00	2.33	N16° 18' 38"W	8.78
C20	20.04	184.00	6.24	S1° 54' 17"W	20.03
C21	27.63	19.00	83.32	S68° 10' 52"W	25.26
C22	29.85	19.00	90.00	N46° 12' 55"W	26.87
C23	13.66	216.00	3.62	S3° 01' 38"E	13.66
C24	56.76	200.00	16.26	S9° 20' 44"E	56.57
C25	13.59	184.00	4.23	N15° 21' 37"W	13.58
C26	56.76	200.00	16.26	N9° 20' 44"W	56.57
C27	38.63	184.00	12.03	N7° 13' 49"W	38.56
C28	56.74	316.00	10.29	N3° 55' 44"E	56.67
C29	27.11	40.00	38.83	N50° 45' 55"W	26.59
C30	26.28	19.00	79.25	S30° 33' 15"E	24.24
C31	5.80	332.00	1.00	N8° 34' 22"E	5.80
C32	38.55	216.00	10.23	N6° 19' 43"W	38.50
C33	13.66	184.00	4.25	S3° 20' 34"E	13.66
C34	29.85	19.00	90.00	S43° 47' 05"W	26.87
C35	85.33	150.00	32.59	N74° 55' 05"W	84.19
C36	150.29	150.00	57.41	N29° 55' 05"W	144.08
C37	84.04	118.00	40.81	N19° 11' 15"E	82.27
C38	64.68	118.00	31.41	N55° 17' 38"E	63.88
C39	103.22	150.00	39.43	S51° 16' 59"W	101.20
C40	85.60	150.00	32.70	S15° 13' 13"W	84.44
C41	90.65	158.42	32.78	N74° 49' 23"W	89.41
C42	29.85	19.00	90.00	S46° 12' 55"E	26.87

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C43	29.85	19.00	90.00	S43° 47' 05"W	26.87
C44	52.54	150.00	20.07	N60° 57' 50"E	52.27
C45	13.66	150.00	5.22	N48° 19' 19"E	13.65
C46	68.96	96.82	40.81	S70° 48' 45"E	67.51
C47	24.30	112.82	12.34	S85° 02' 38"E	24.26
C48	29.85	19.00	90.00	N46° 12' 55"W	26.87
C49	29.85	19.00	90.00	N43° 47' 05"E	26.87
C50	29.85	19.00	90.00	S43° 47' 05"W	26.87
C51	29.85	19.00	90.00	N46° 12' 55"W	26.87
C52	29.85	19.00	90.00	N43° 47' 05"E	26.87
C53	29.85	19.00	90.00	S46° 12' 55"E	26.87
C54	29.85	19.00	90.00	S43° 47' 05"W	26.87
C55	29.85	19.00	90.00	N46° 12' 55"W	26.87
C56	29.85	19.00	90.00	N43° 47' 05"E	26.87
C57	29.70	19.00	89.55	S46° 26' 28"E	26.76
C58	53.15	93.43	32.59	N15° 04' 55"E	52.44
C59	45.91	216.00	12.18	S82° 41' 46"W	45.82
C60	3.78	184.00	1.18	N77° 11' 45"E	3.78
C61	35.33	184.00	11.00	N83° 17' 04"E	35.27
C62	60.46	284.00	12.20	S85° 07' 01"E	60.34
C63	1.02	284.00	0.20	S78° 54' 59"E	1.02
C64	59.54	316.00	10.80	N84° 12' 42"W	59.45
C65	8.86	316.00	1.61	S89° 35' 16"W	8.86
C66	26.06	316.00	4.73	S86° 25' 19"W	26.06
C67	18.66	316.00	3.38	S82° 22' 01"W	18.66
C68	26.04	184.00	8.11	N84° 43' 47"E	26.02
C69	30.57	216.00	8.11	N84° 43' 47"E	30.55
C70	3.32	284.00	0.67	S81° 00' 37"W	3.32
C71	36.87	284.00	7.44	S85° 03' 55"W	36.85
C72	58.53	284.00	11.81	N85° 18' 39"W	58.43
C73	2.94	284.00	0.59	N79° 06' 36"W	2.94
C74	57.66	316.00	10.45	S84° 02' 28"E	57.58
C75	10.74	316.00	1.95	N89° 45' 29"E	10.74
C76	24.43	216.00	6.48	N85° 32' 42"E	24.41
C77	21.48	216.00	5.70	N79° 27' 23"E	21.47
C78	39.11	184.00	12.18	S82° 41' 46"W	39.03
C79	42.51	200.00	12.18	S82° 41' 46"W	42.43
C80	42.51	200.00	12.18	N82° 41' 46"E	42.43
C81	64.93	300.00	12.40	S85° 00' 53"E	64.81
C82	64.93	300.00	12.40	N85° 00' 53"W	64.81
C83	42.46	300.00	8.11	S84° 43' 47"W	42.43
C84	28.31	200.00	8.11	N84° 43' 47"E	28.28

Parcel Line Table		
Line #	Length	Direction
L2'	125.00	N1° 12' 55.34"W
L3'	55.35	S26° 31' 10.95"W
L4'	6.40	S26° 31' 10.95"W
L5'	100.00	S1° 12' 55.34"E
L6'	18.00	N1° 12' 55.34"W
L7'	158.07	N1° 12' 55.34"W
L8'	10.07	N1° 12' 55.34"W
L9'	74.57	N9° 06' 18.01"E
L10'	17.46	N9° 06' 18.01"E
L11'	20.62	S1° 12' 55.34"E
L13'	16.60	S9° 06' 18.01"E
L14'	10.07	S1° 07' 42.07"E
L15'	18.00	S1° 12' 55.34"E
L16'	6.40	S26° 31' 10.95"W
L17'	213.35	N1° 12' 55.34"W
L18'	74.75	N9° 04' 23.52"E
L19'	13.15	N9° 04' 23.52"E

Parcel Line Table		
Line #	Length	Direction
L21	16.16	N9° 04' 23.52"E
L22	6.42	S1° 12' 55.34"E
L23	7.15	S1° 12' 55.34"E
L24	17.29	N1° 12' 55.34"W
L25	19.00	N1° 12' 55.34"W
L26'	31.30	N58° 25' 51.47"W
L28	5.76	N88° 47' 04.66"E
L29	22.79	S1° 12' 55.34"E
L30'	32.00	S88° 47' 04.66"W
L31'	32.00	S88° 47' 04.66"W
L32	27.21	S1° 12' 55.34"E
L34	11.33	S1° 07' 42.07"E
L35'	11.33	S1° 07' 42.07"E
L36	11.33	S1° 07' 42.07"E
L37'	31.14	S50° 24' 34.82"E
L38	25.00	N1° 12' 55.34"W
L39	32.00	N88° 47' 04.66"E

Parcel Line Table		
Line #	Length	Direction
L40	32.00	N88° 47' 04.66"E
L41	25.00	N1° 12' 55.34"W
L42'	121.88	N88° 47' 04.66"E
L43	10.00	N1° 12' 55.34"W
L44	25.00	S1° 12' 55.34"E
L45	32.00	N88° 47' 04.66"E
L46	25.00	S1° 12' 55.34"E
L47	25.00	S1° 12' 55.34"E
L48	32.00	N88° 47' 04.66"E
L49	32.00	N88° 47' 04.66"E
L50	25.00	S1° 12' 55.34"E
L51'	47.93	N31° 22' 55.06"E
L52	35.91	N1° 12' 55.34"W
L53'	116.91	N1° 12' 55.34"W
L54	25.00	S88° 47' 04.66"W
L55	32.00	N1° 12' 55.34"W
L56	32.00	N1° 12' 55.34"W

Parcel Line Table		
Line #	Length	Direction
L57	25.00	S88° 47' 04.66"W
L58	35.91	N1° 12' 55.34"W
L59	20.00	N88° 47' 04.66"E
L60	17.37	N88° 47' 04.66"E
L61	23.23	S88° 47' 04.66"W
L62	1.77	S88° 47' 04.66"W
L63	24.89	S88° 47' 04.66"W
L64	24.89	S88° 47' 04.66"W
L65	25.00	S88° 47' 04.66"W
L66'	16.49	N88° 47' 04.66"E
L67'	24.89	S88° 47' 04.66"W
L68'	25.00	S88° 47' 04.66"W

(A) = Assumed Kansas Zone South Grid Bearing  
 P = Platted (Ridge Port North 4th Addition)  
 M = Measured  
 C = Calculated  
 CM = Calculated from Platted  
 CM = Calculated from Measured

**SURVEY MARKER LEGEND**

- ..... 1/2" REBAR W/BAUGHMAN CAP (FOUND - ORIGIN UNKNOWN)
- ⊗ ..... 1/2" REBAR (FOUND - ORIGIN UNKNOWN)
- ⊗ ..... 5/8" REBAR W/CAP (FOUND - ORIGIN UNKNOWN)
- ⊗ ..... 1/2" IRON PIPE (FOUND - ORIGIN UNKNOWN)
- ..... MAG NAIL (FOUND - ORIGIN UNKNOWN)
- ..... 5/8" REBAR W/RUGGLES & BOHM CAP (SET)

**BENCHMARKS**

BENCHMARK #1: CHASELED SQUARE AT THE END OF THE TOP OF CURB AT THE SOUTHEAST CORNER OF RIDGE PORT AND 37TH ST. N. ELEVATION = 1333.05 (NAVD88)

BENCHMARK #2: RAILROAD SPIKE IN THE NORTH FACE OF THE 6TH POWER POLE WEST OF HOOVER, 206' W & 18' S. OF 37TH ST. N. AND HOOVER. ELEVATION = 1332.89 (NAVD88)

BENCHMARK #3: RAILROAD SPIKE IN THE NORTH FACE OF THE 4TH POWER POLE WEST OF HOOVER, ON THE WEST SIDE OF THE DRIVE ENTRANCE TO HOUSE #8007, 1494' W. & 20' S. OF 37TH ST. N. AND HOOVER. ELEVATION = 1334.74 (NAVD88)

BENCHMARK #4: CHASELED SQUARE ON THE SOUTH SIDE OF CURB NILET ON THE EAST SIDE OF LAKEWAY ST., 8.5' NORTH OF THE NORTH FACE OF HOUSE #3514 LAKEWAY ST. ELEVATION = 1329.58 (NAVD88)

BLOCK	LOT NO.	ELEVATION (NAVD88)		
1	12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 57, 58, 59	1328.5		
	2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	1328.5	
		2	32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53	1328.0