

# GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) 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 262-4270
- Kansas Gas Service 1-888-482-4950
- Westar Energy 383-8650
- Aquila Energy 1-800-303-0357
- AT&T 268-2245
- City of Wichita Water Dept. 268-4563
- City of Wichita Sewer Maint. 268-4024
- City of Wichita Storm Sewer Maint. 268-4090
- City of Wichita Traffic Maint. 268-4034
- Conoco Phillips Pipeline Co. 1-877-267-2290
- Southern Star Pipeline Co. 529-6600
- Kinder-Morgan Pipeline Co. 1-888-844-5658

2. Utility service lines, poles, valve boxes, meters, and etcetera 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.

3. 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 would 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 would require additional archaeological investigations unless buried in a previously approved borrow location.

4. 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.

5. 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.

6. 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.

7. All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on-site engineer shall complete weekly reports on the status of erosion control measures. The contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on-site engineer until project is accepted by City of Wichita. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Maintain Existing BMP's."

8. All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the engineer.

9. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the Engineer. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of work.

10. All areas disturbed during construction shall be seeded as follows (Temporary Seeding):

Seed: Rye grass (PLS)--5 lbs./1000 Sq. Ft.

All costs associated with seeding shall be included in bid item "Seeding". All seeding operations shall conform to City of Wichita Standard Specifications.

11. Trees and shrubs in the work area which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with the Developer or Baughman Company approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage. If trimming is necessary, a chainsaw shall be used. Breaking limbs with equipment will not be allowed. An on-site pre-construction meeting will occur prior to any construction to discuss tree removal, tree protection, and tree trimming.

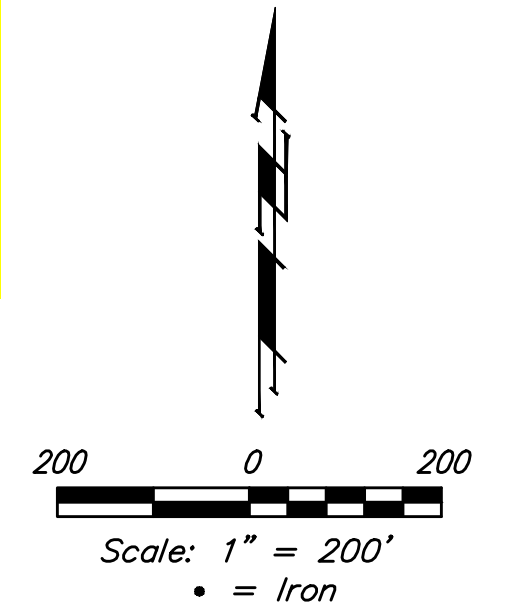
12. The Developer for this project is Jay Russell  
P.O. Box 75337  
Wichita, KS 67272  
(316) 722-2417  
jwrussell1105@cloud.com

# Lateral 563, Southwest Interceptor PHASE II - SANITARY SEWER IMPROVEMENTS to serve

# SANDCREST & SANDCREST 3RD ADDITION CITY OF WICHITA, KANSAS

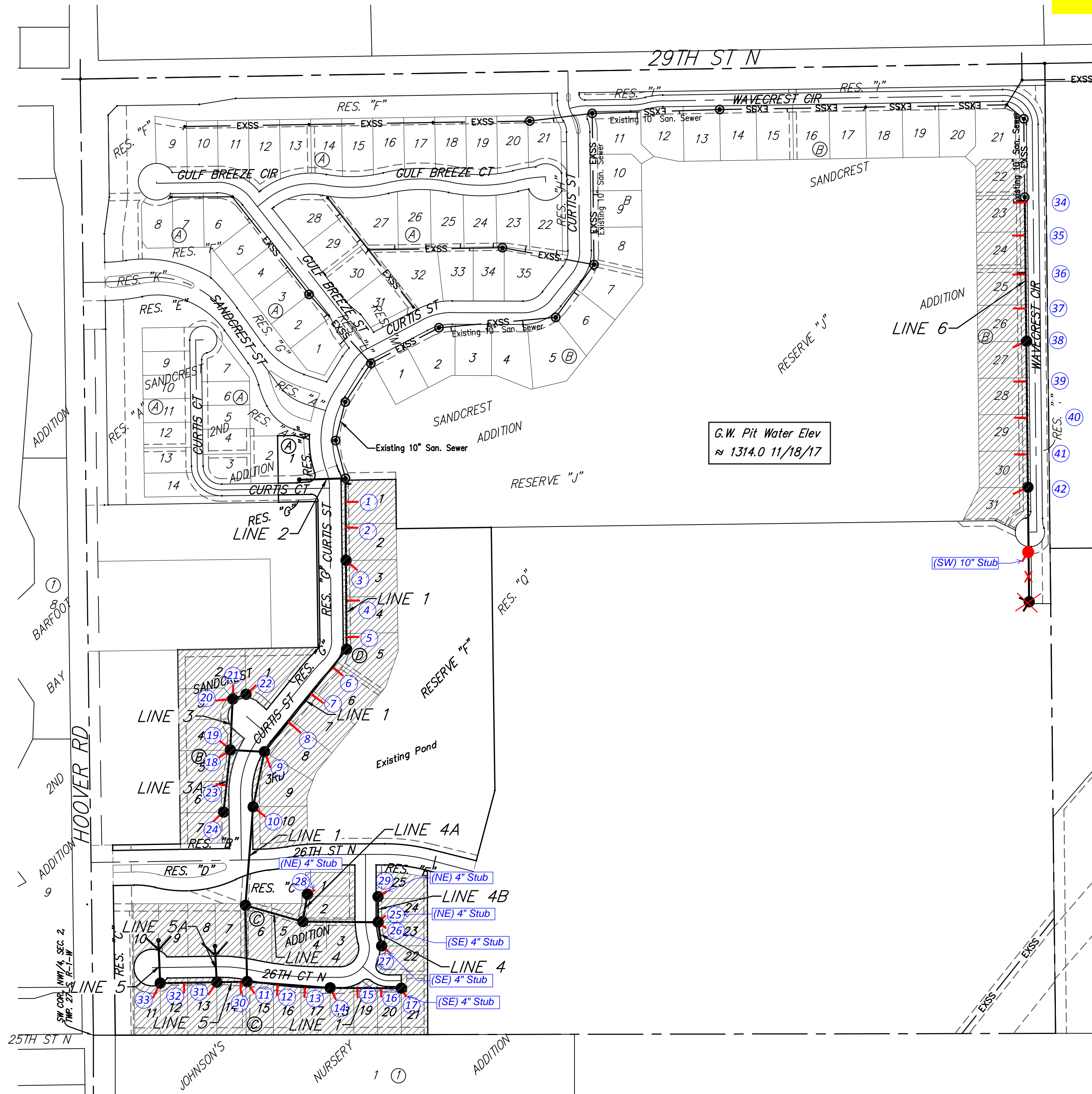
Gary Janzen, P.E. City Engineer  
Project Number: 468 - 85273  
OCA Number: 744460

Note: Preliminary release for tap purposes only.  
Kansas Paving - Contractor  
J. Brand - City of Wichita, Field Project Engineer  
D. VanSickle/Baughman - Inspector  
As-built  
Stubs & Risers  
Release Date: 10/25/2018  
Completion Date: 5/21/2020  
pdf: 10/25/2018



## SHEET INDEX

Title Sheet	1
Line 1 & Line 2	2-4
Line 3 & Line 3A	5
Line 4, Line 4A, & Line 4B	6
Line 5 & Line 5A	7
Line 6	8-9
Erosion Control Plan	10
Erosion Control BMP Details	11-15
Standard Manhole Detail	16
Ring & Cover Detail	17
Vertical Riser Detail	18
Cleanout Detail	19
Coordinate Sheet	20
Copy of Plat	21

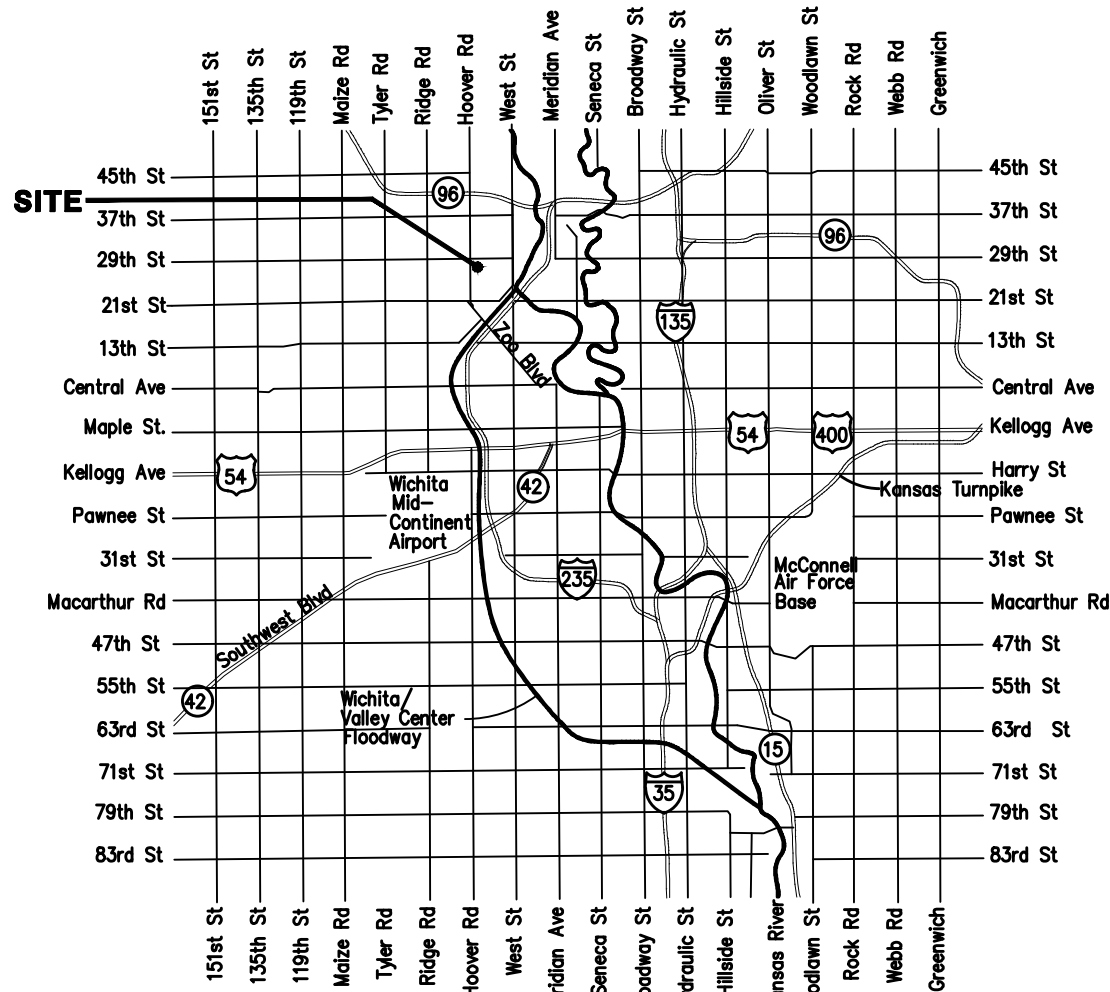


## BENCHMARKS

City of Wichita Benchmark Disk  
34.9' S. & 31.2' W. of the SW Cor.,  
NW1/4, Sec. 2, Twp. 27-S, R-1-W.  
Elev. = 1327.57 NAVD88

"□" cut in top of curb 1.5'  
north of the northeast corner of  
Lot 20, Block B, Sandcrest Addn.  
Elev. = 1327.21 NAVD88

"□" cut in top of east curb  
inlet at the southeast corner of  
the southern intersection of Curtis  
& Sandcrest.  
Elev. = 1322.05 NAVD88



Vicinity Map



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

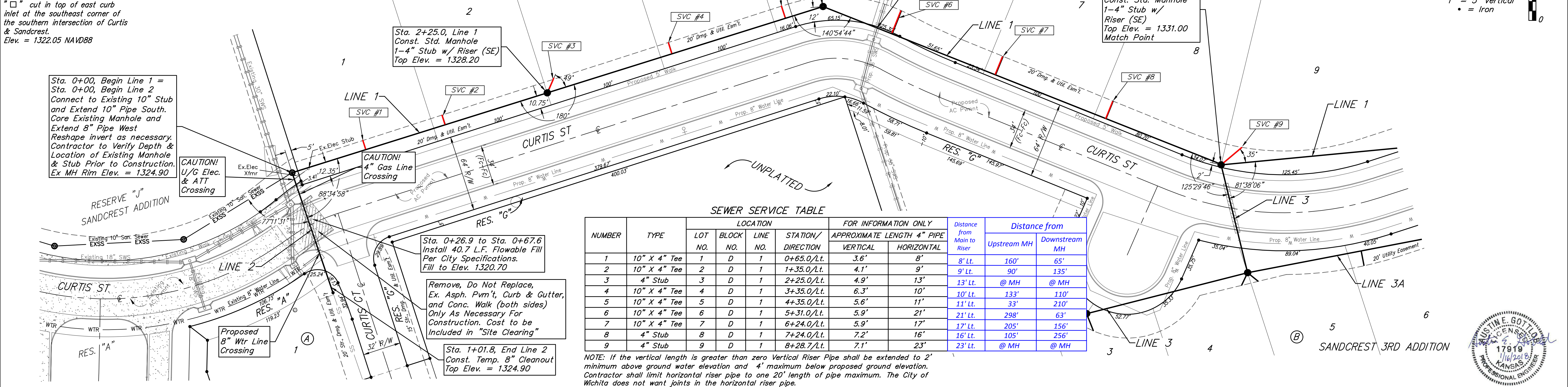
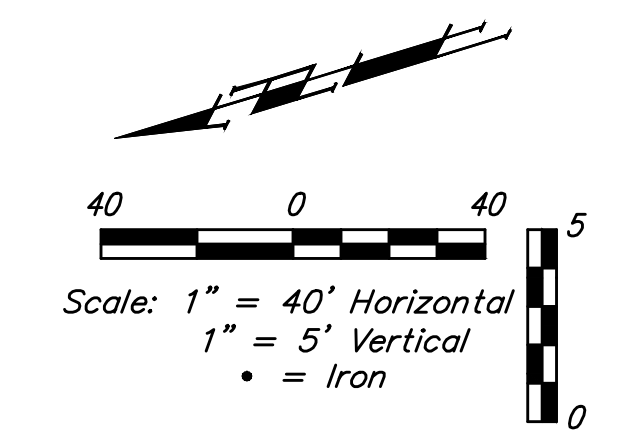
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 Elev. = 1322.05 NAVD88

**SANDCREST 3RD ADDITION**

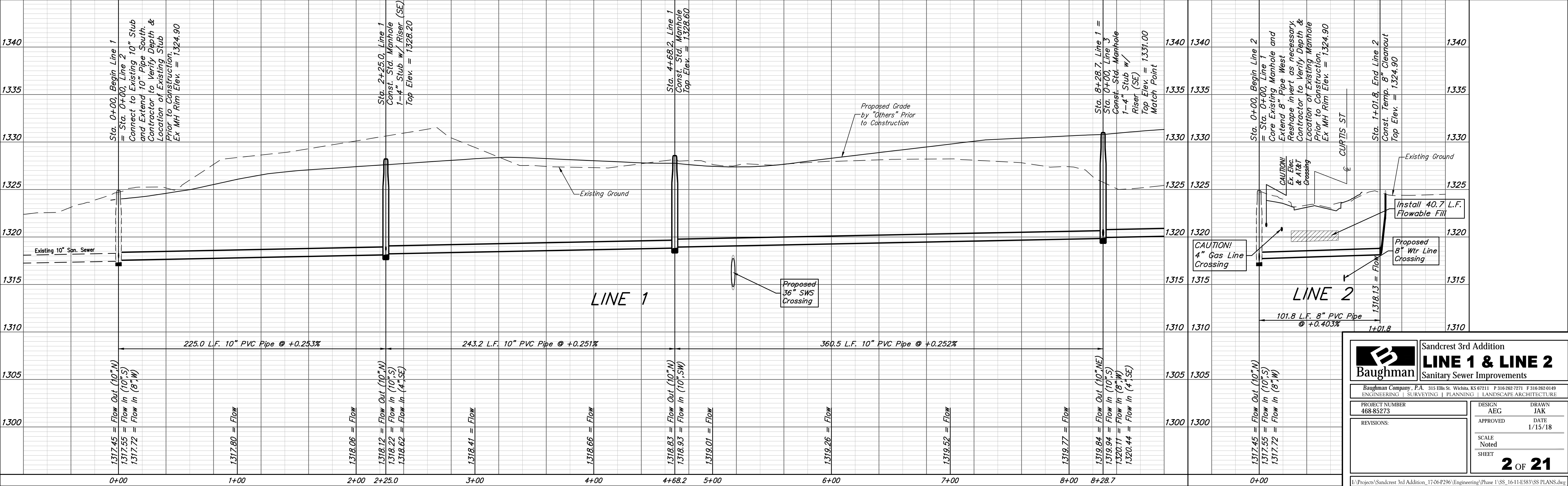
The Contractor shall be required to backfill  
 trench with sand from Sta. 0+00 to  
 Sta. 8+28.7, Line 1 & Sta. 0+67.6 to  
 Sta. 1+01.8, Line 2. To be bid as "L.F. Fill,  
 Sand, Flushed & Vibrated"



**SEWER SERVICE TABLE**

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY		Distance from Main to Riser	Distance from	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	HORIZONTAL		Upstream MH	Downstream MH
1	10" X 4" Tee	1	D	1	0+65.0/Lt.	3.6'	8'	8' Lt.	160'	65'
2	10" X 4" Tee	2	D	1	1+35.0/Lt.	4.1'	9'	9' Lt.	90'	135'
3	4" Stub	3	D	1	2+25.0/Lt.	4.9'	13'	13' Lt.	@ MH	@ MH
4	10" X 4" Tee	4	D	1	3+35.0/Lt.	6.3'	10'	10' Lt.	133'	110'
5	10" X 4" Tee	5	D	1	4+35.0/Lt.	5.6'	11'	11' Lt.	33'	210'
6	10" X 4" Tee	6	D	1	5+31.0/Lt.	5.9'	21'	21' Lt.	298'	63'
7	10" X 4" Tee	7	D	1	6+24.0/Lt.	5.9'	17'	17' Lt.	205'	156'
8	4" Stub	8	D	1	7+24.0/Lt.	7.2'	16'	16' Lt.	105'	256'
9	4" Stub	9	D	1	8+28.7/Lt.	7.1'	23'	23' Lt.	@ MH	@ MH

NOTE: If the vertical length is greater than zero Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation. Contractor shall limit horizontal riser pipe to one 20' length of pipe maximum. The City of Wichita does not want joints in the horizontal riser pipe.



**Sandcrest 3rd Addition**

**LINE 1 & LINE 2**

Sanitary Sewer Improvements

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

PROJECT NUMBER: 468-85273  
 REVISIONS:

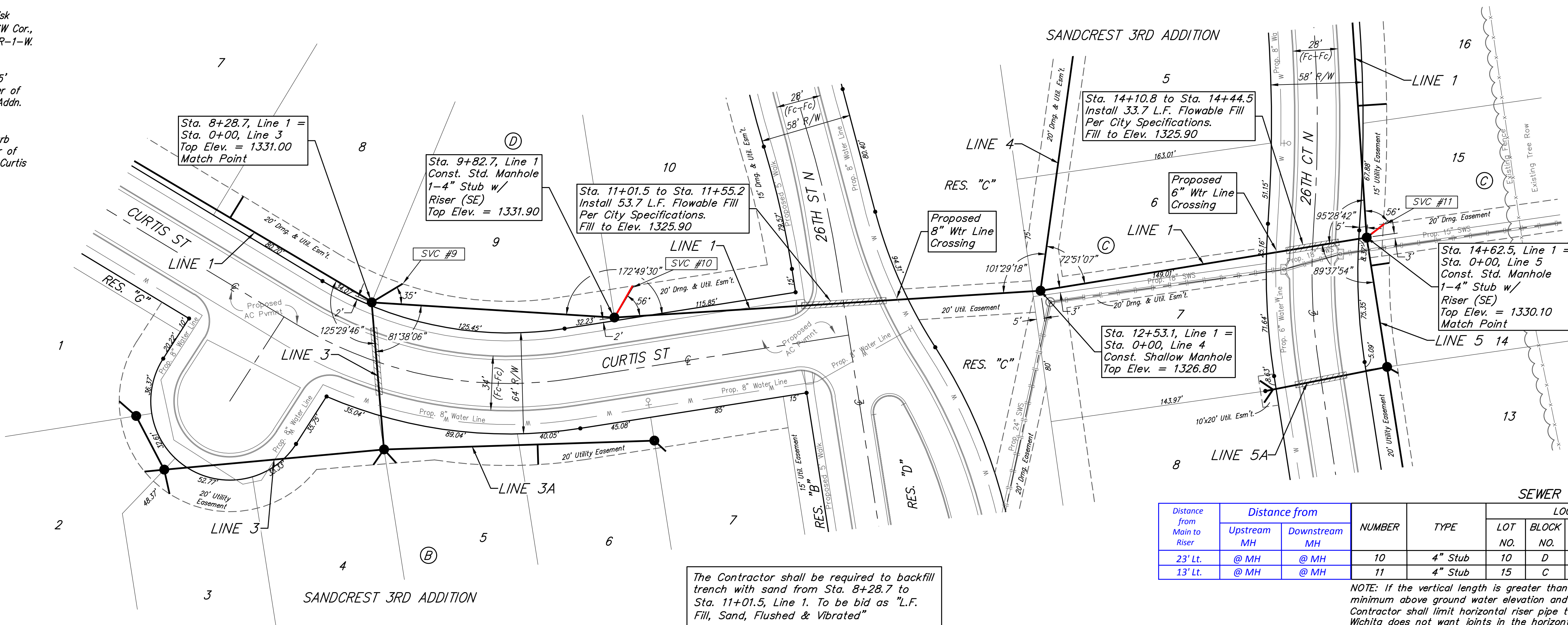
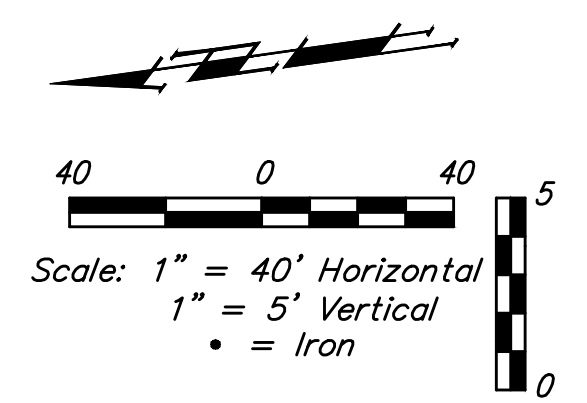
DESIGN: AEG  
 DRAWN: JAK  
 APPROVED: DATE: 1/15/18  
 SCALE: Noted  
 SHEET: 2 OF 21

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 & Sandcrest.  
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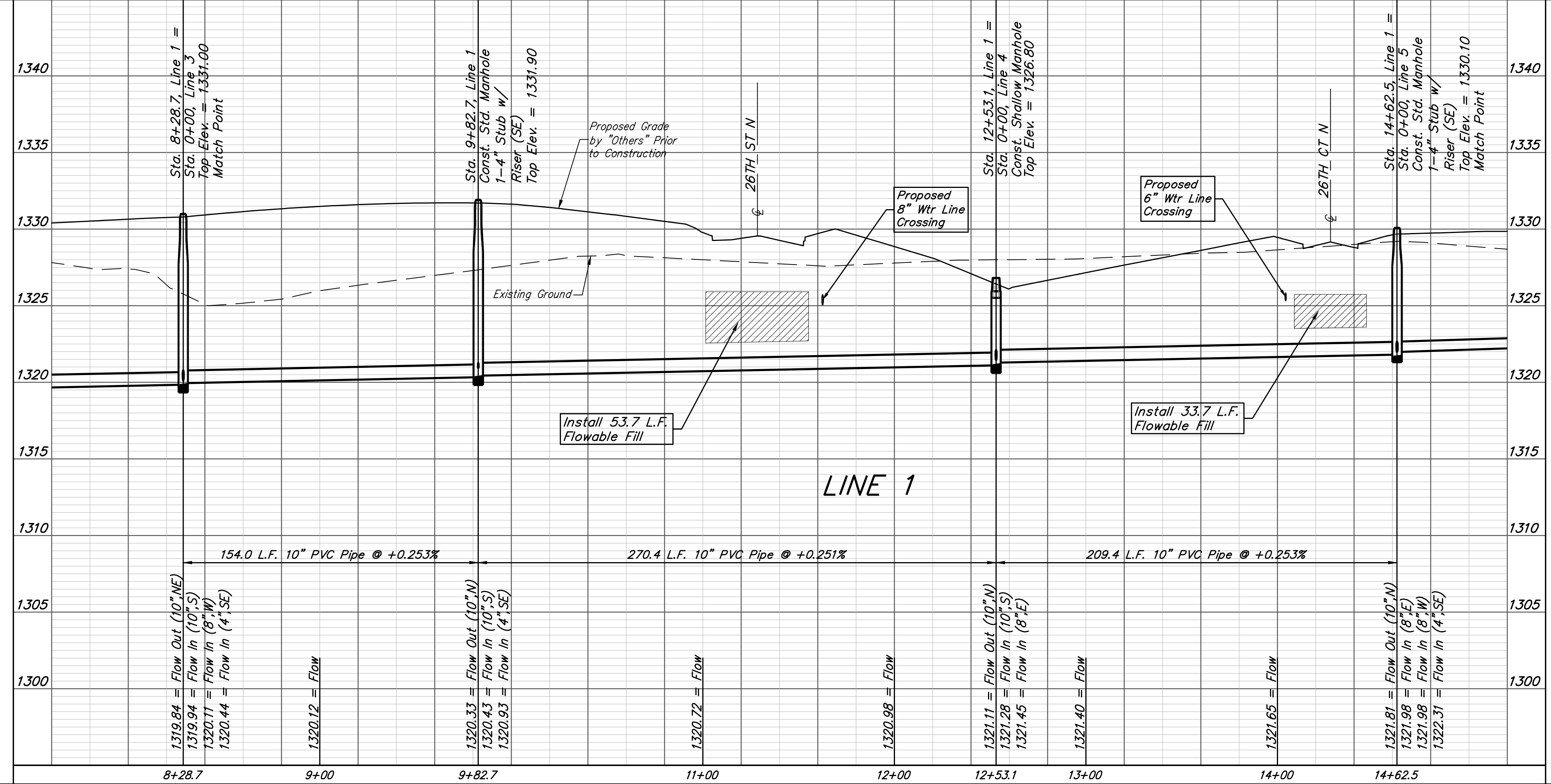


**SEWER SERVICE TABLE**

Distance from Main to Riser	Distance from		NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
	Upstream MH	Downstream MH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
23' Lt.	@ MH	@ MH	10	4" Stub	10	D	1	9+82.7/Lt.	7.4'	23'
13' Lt.	@ MH	@ MH	11	4" Stub	15	C	1	14+62.5/Rt.	3.9'	13'

NOTE: If the vertical length is greater than zero Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation. Contractor shall limit horizontal riser pipe to one 20' length of pipe maximum. The City of Wichita does not want joints in the horizontal riser pipe.

The Contractor shall be required to backfill trench with sand from Sta. 8+28.7 to Sta. 11+01.5, Line 1. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"

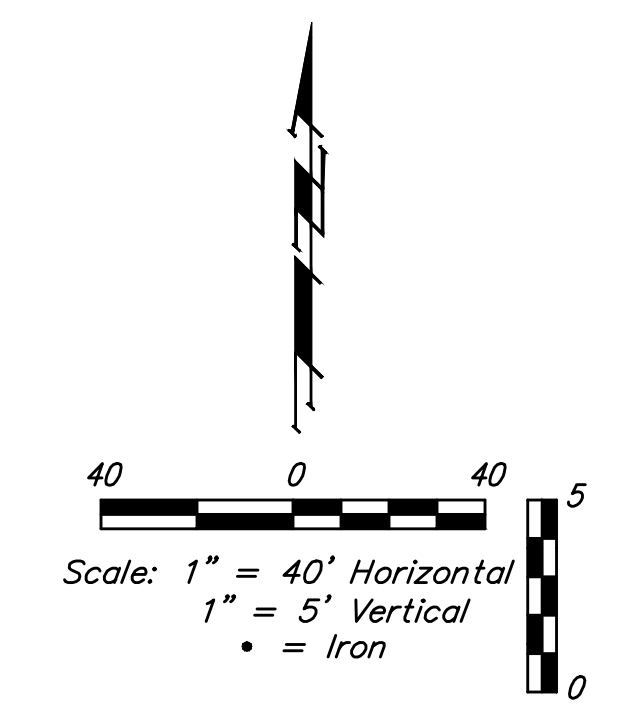
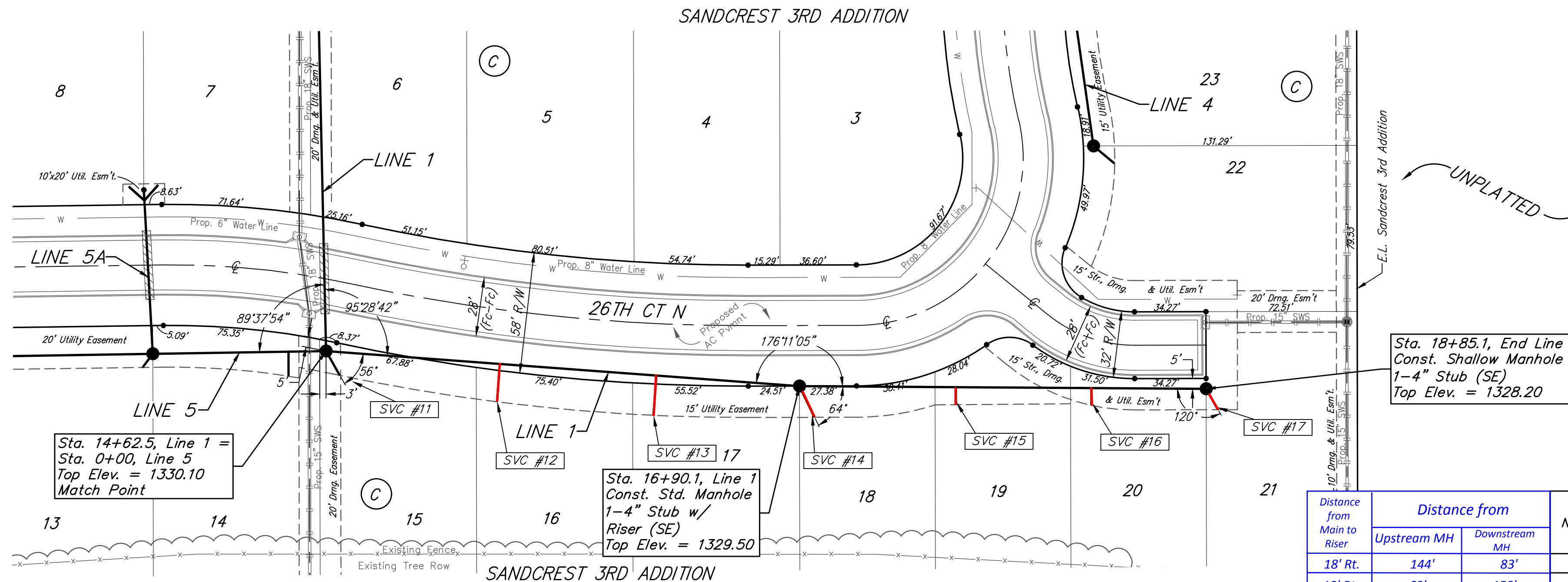


<b>Baughman</b>		Sandcrest 3rd Addition <b>LINE 1</b> Sanitary Sewer Improvements	
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING   SURVEYING   PLANNING   LANDSCAPE ARCHITECTURE			
PROJECT NUMBER 468-85273	DESIGN AEG	DRAWN JAK	APPROVED DATE 1/15/18
REVISIONS:	SCALE Noted SHEET		
<b>3 OF 21</b>			

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 Elev. = 1322.05 NAVD88



Sta. 14+62.5, Line 1 =  
 Sta. 0+00, Line 5  
 Top Elev. = 1330.10  
 Match Point

Sta. 16+90.1, Line 1  
 Const. Std. Manhole  
 1-4" Stub w/  
 Riser (SE)  
 Top Elev. = 1329.50

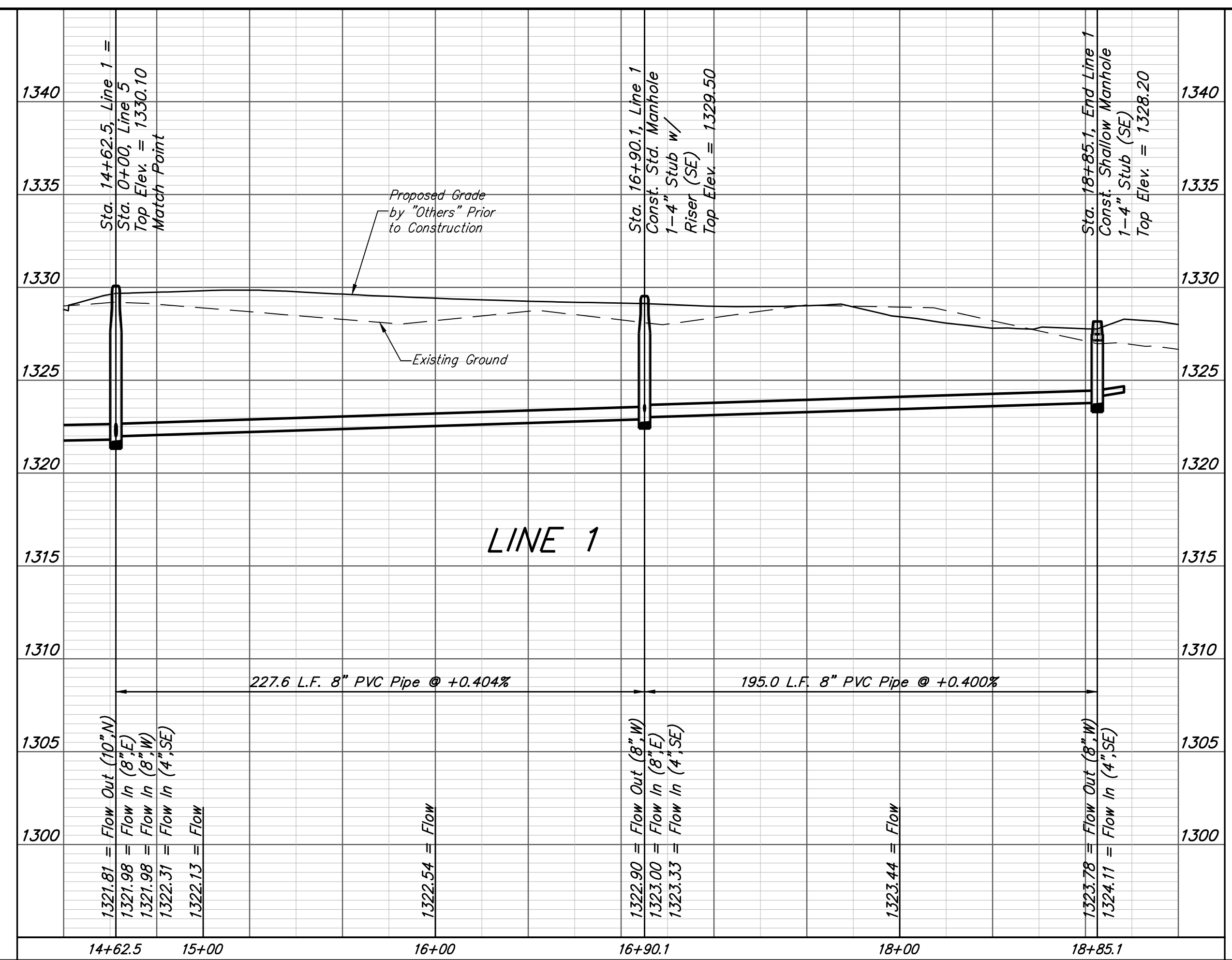
Sta. 18+85.1, End Line 1  
 Const. Shallow Manhole  
 1-4" Stub (SE)  
 Top Elev. = 1328.20

**SEWER SERVICE TABLE**

Distance from Main to Riser	Distance from		NUMBER	TYPE	LOT NO.	BLOCK NO.	LOCATION		FOR INFORMATION ONLY	
	Upstream MH	Downstream MH					STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL	HORIZONTAL
18' Rt.	144'	83'	12	8" X 4" Tee	16	C	1	15+46.0/Rt.	4.1'	18'
19' Rt.	69'	158'	13	8" X 4" Tee	17	C	1	16+21.0/Rt.	3.4'	19'
17' Rt.	@ MH	@ MH	14	4" Stub	18	C	1	16+90.1/Rt.	2.3'	17'
8' Rt.	12'	75'	15	8" X 4" Tee	19	C	1	17+65.0/Rt.	2.1'	8'
8' Rt.	55'	140'	16	8" X 4" Tee	20	C	1	18+30.0/Rt.	1'	8'
11' Rt.	@ MH	@ MH	17	4" Stub	21	C	1	18+85.1/Rt.	-	11'

The Contractor shall be required to backfill trench with sand from Sta. 14+62.5 to Sta. 18+85.1, Line 1. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"

NOTE: If the vertical length is greater than zero Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation. Contractor shall limit horizontal riser pipe to one 20' length of pipe maximum. The City of Wichita does not want joints in the horizontal riser pipe.



**Baughman** Sandcrest 3rd Addition  
**LINE 1**  
 Sanitary Sewer Improvements

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

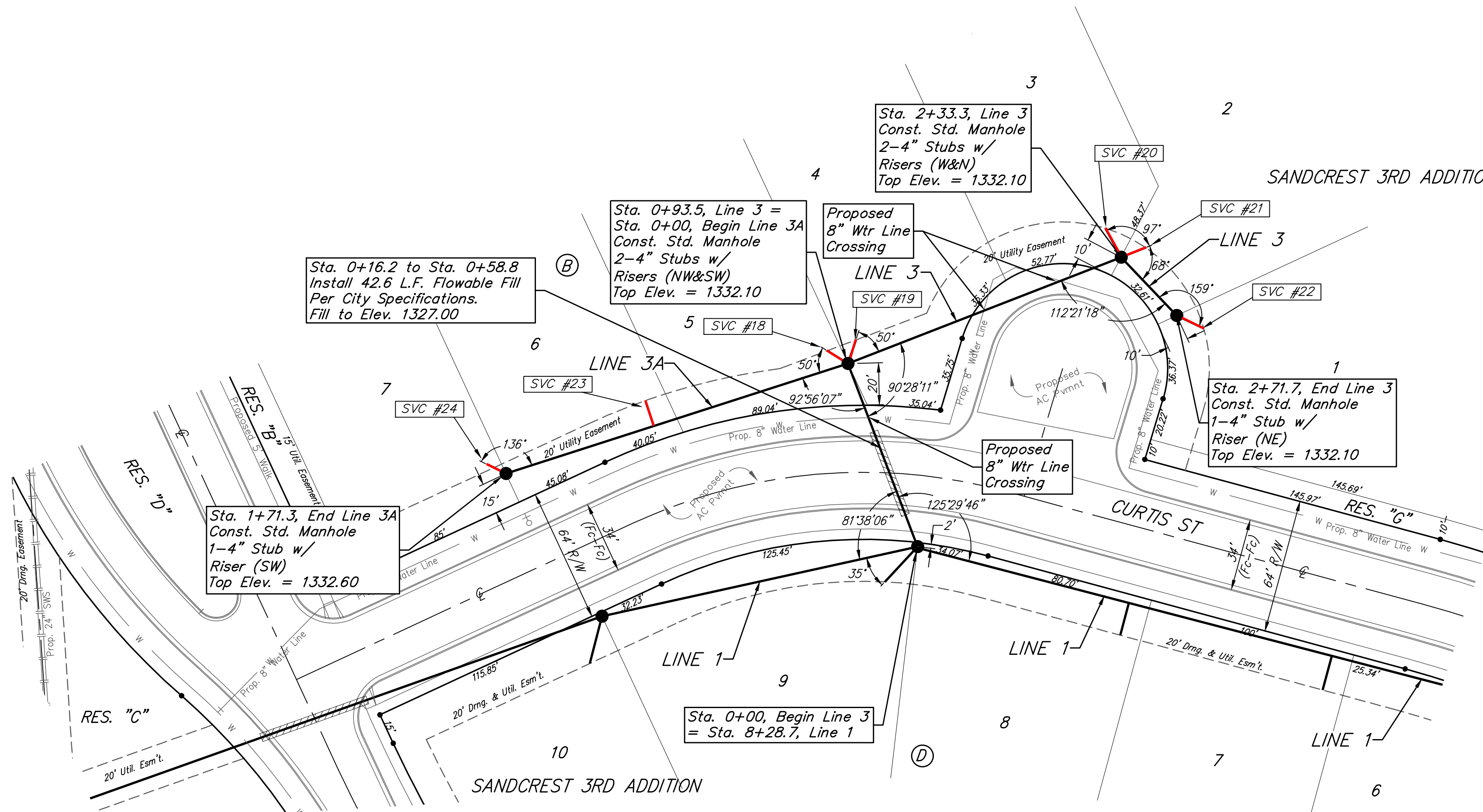
PROJECT NUMBER 468-85273	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 1/15/18
	SCALE Noted	SHEET 4 OF 21

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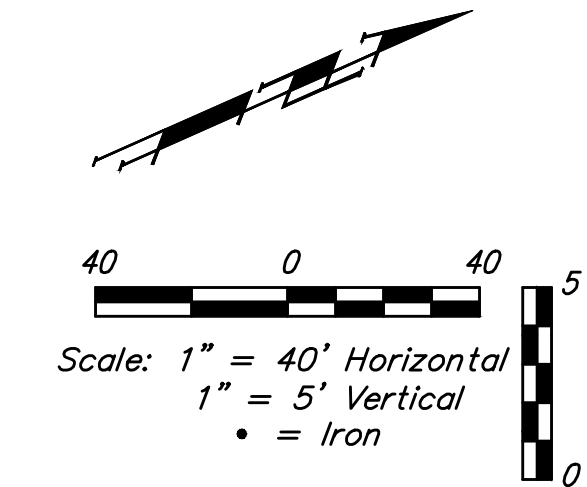
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 Elev. = 1322.05 NAVD88

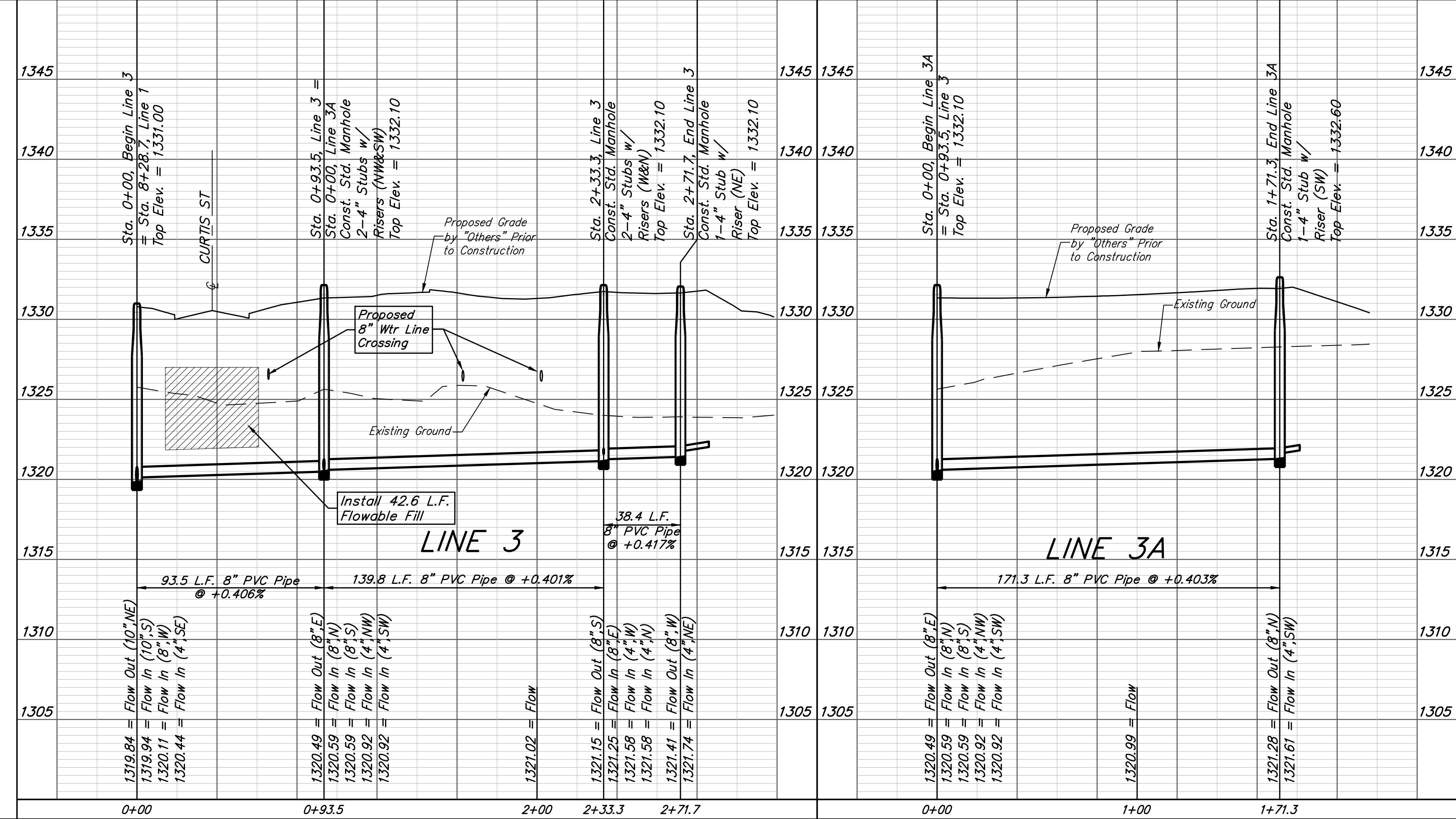


The Contractor shall be required to backfill trench with sand from Sta. 0+93.5 to Sta. 2+71.7, Line 3 & Sta. 0+00 to Sta. 1+71.3, Line 3A. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"



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	Upstream MH	Downstream MH			LOT NO.	BLOCK NO.	LINE NO.	STATION/ DIRECTION	APPROXIMATE LENGTH 4" PIPE	
									VERTICAL	HORIZONTAL
11' Lt.	@ MH	@ MH	18	4" Stub	5	B	3	0+93.5/Lt.	6.9'	11'
12' Lt.	@ MH	@ MH	19	4" Stub	4	B	3	0+93.5/Lt.	6.9'	12'
12' Lt.	@ MH	@ MH	20	4" Stub	3	B	3	2+33.3/Lt.	6.6'	12'
15' Lt.	@ MH	@ MH	21	4" Stub	2	B	3	2+33.3/Lt.	6.6'	15'
12' Lt.	@ MH	@ MH	22	4" Stub	1	B	3	2+71.7/Lt.	6.3'	12'
13' Rt.	74'	97'	23	8" x 4" Tee	6	B	3A	0+97.0/Rt.	6.3'	13'
14' Rt.	@ MH	@ MH	24	4" Stub	7	B	3A	1+71.3/Rt.	5.7'	14'

NOTE: If the vertical length is greater than zero Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation. Contractor shall limit horizontal riser pipe to one 20' length of pipe maximum. The City of Wichita does not want joints in the horizontal riser pipe.



**Baughman** Sandcrest 3rd Addition  
**LINE 3 & LINE 3A**  
 Sanitary Sewer Improvements

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

PROJECT NUMBER: 468-85273  
 DESIGN: AEG  
 DRAWN: JAK  
 APPROVED: [Signature]  
 DATE: 1/15/18

REVISIONS:

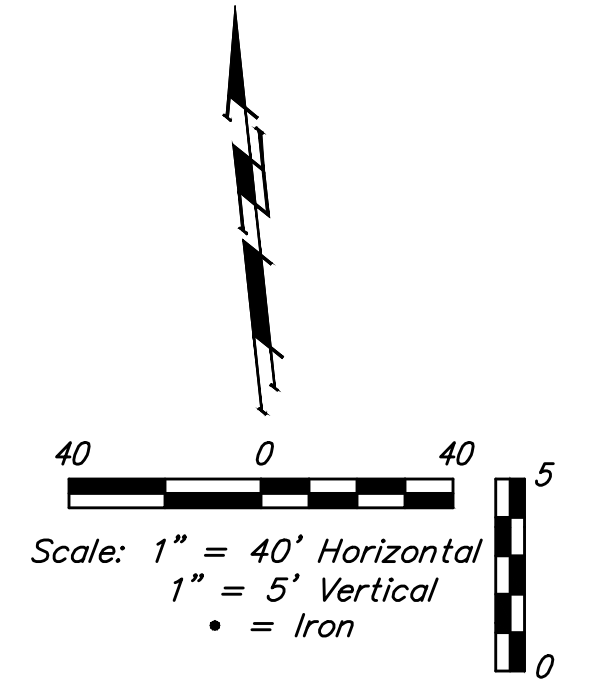
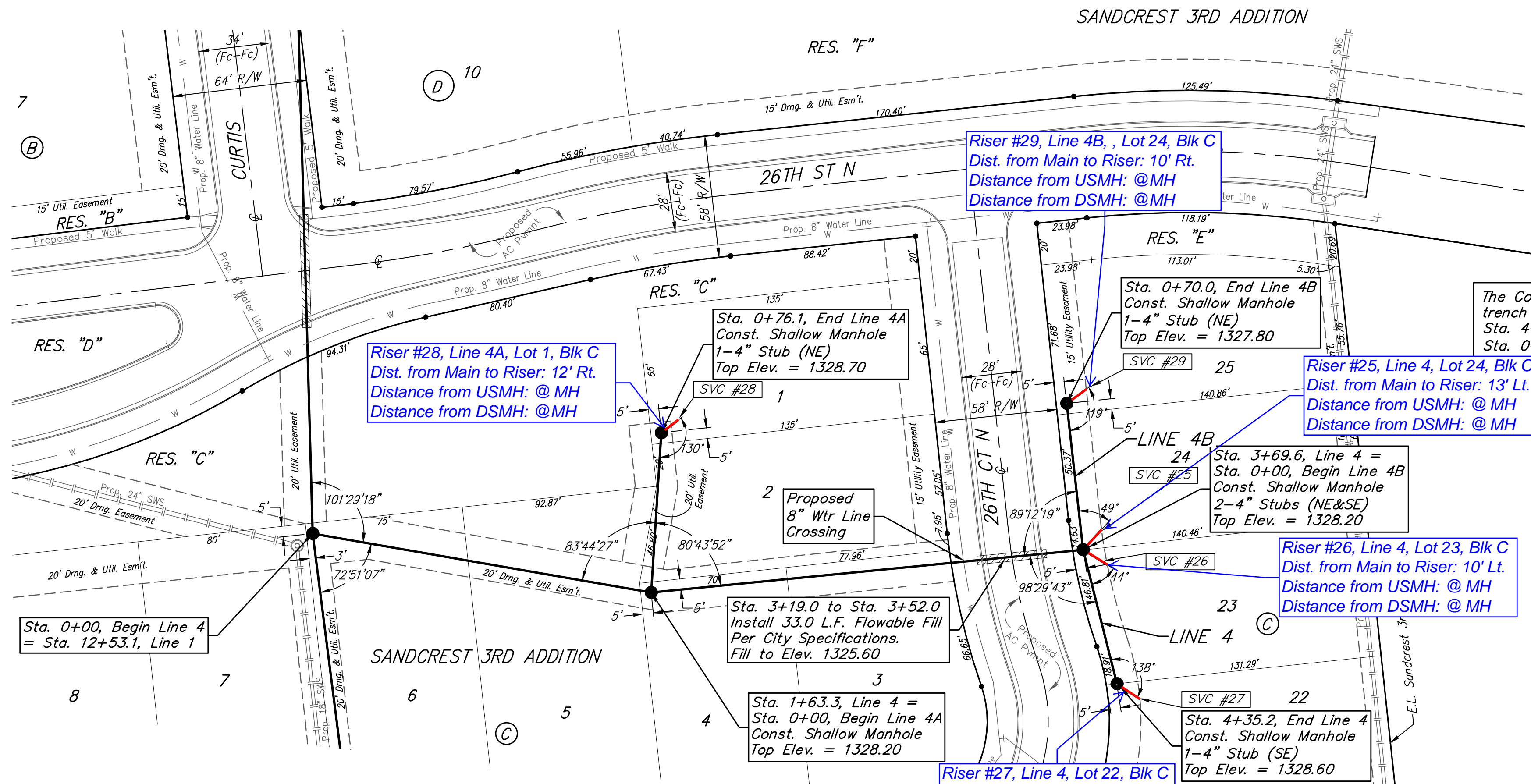
SCALE: Noted  
 SHEET: **5 OF 21**

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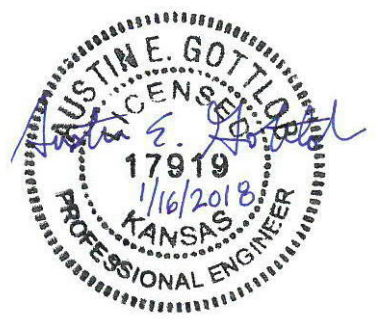
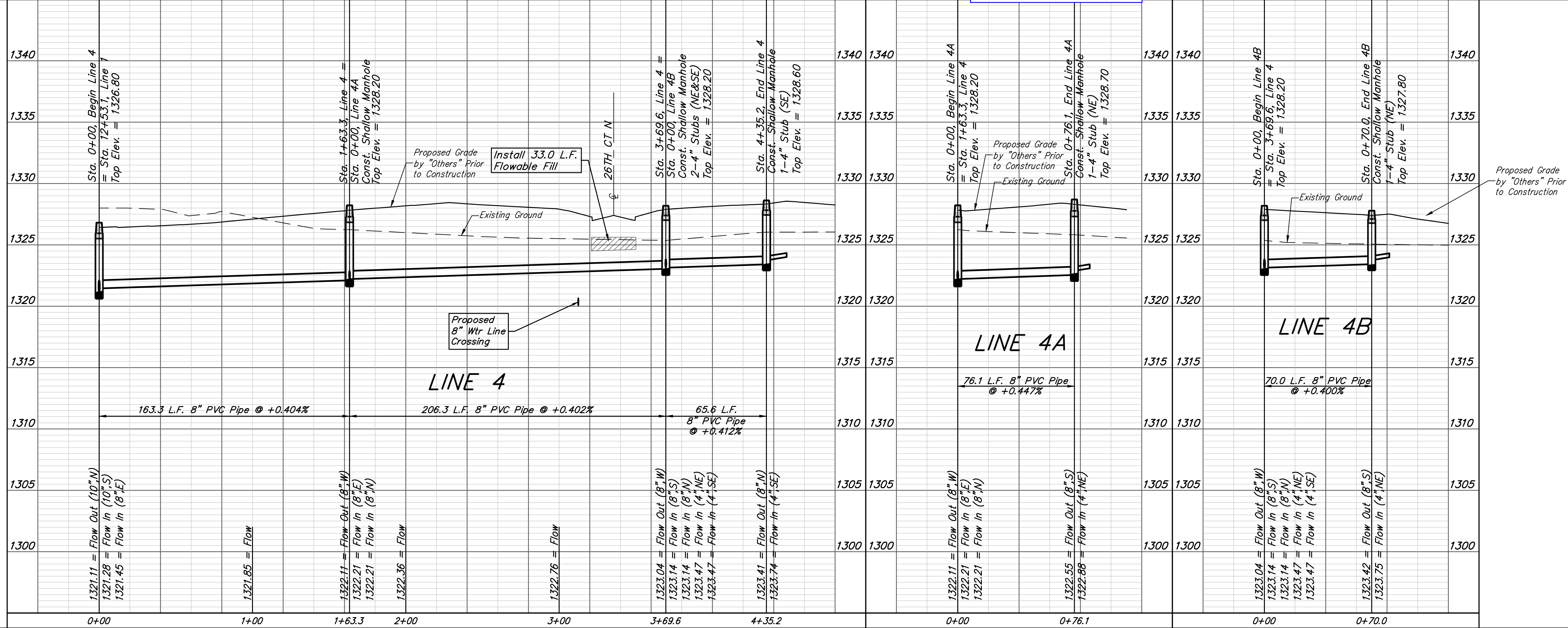


The Contractor shall be required to backfill  
 trench with sand from Sta. 3+69.6 to  
 Sta. 4+35.2, Line 4 & Sta. 0+00 to  
 Sta. 0+70.0, Line 4B. To be bid as "L.F.  
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**SEWER SERVICE TABLE**

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	
25	4" Stub	24	C	4	3+69.6/Lt.	1'	13'
26	4" Stub	23	C	4	3+69.6/Lt.	1'	10'
27	4" Stub	22	C	4	4+35.2/Lt.	1.1'	10'
28	4" Stub	1	C	4A	0+76.1/Rt.	1.4'	12'
29	4" Stub	25	C	4B	0+70.0/Rt.	-	10'

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**Baughman** Sandcrest 3rd Addition  
**LINE 4, 4A, & 4B**  
 Sanitary Sewer Improvements

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

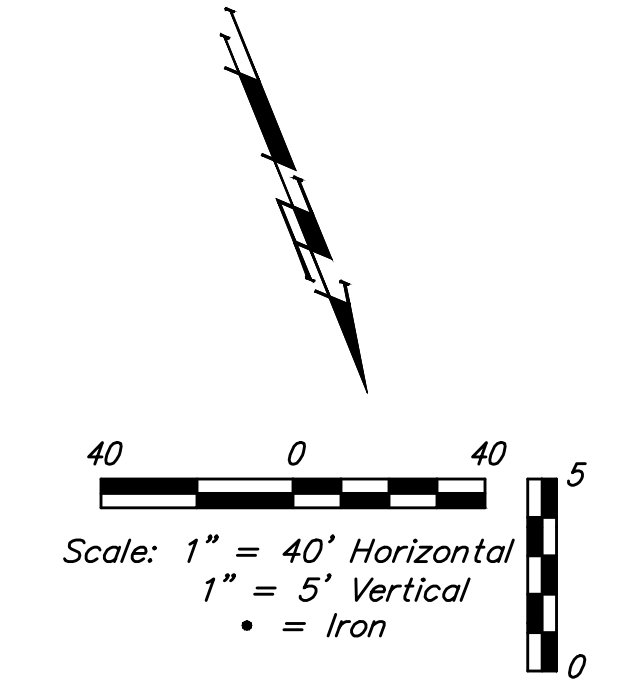
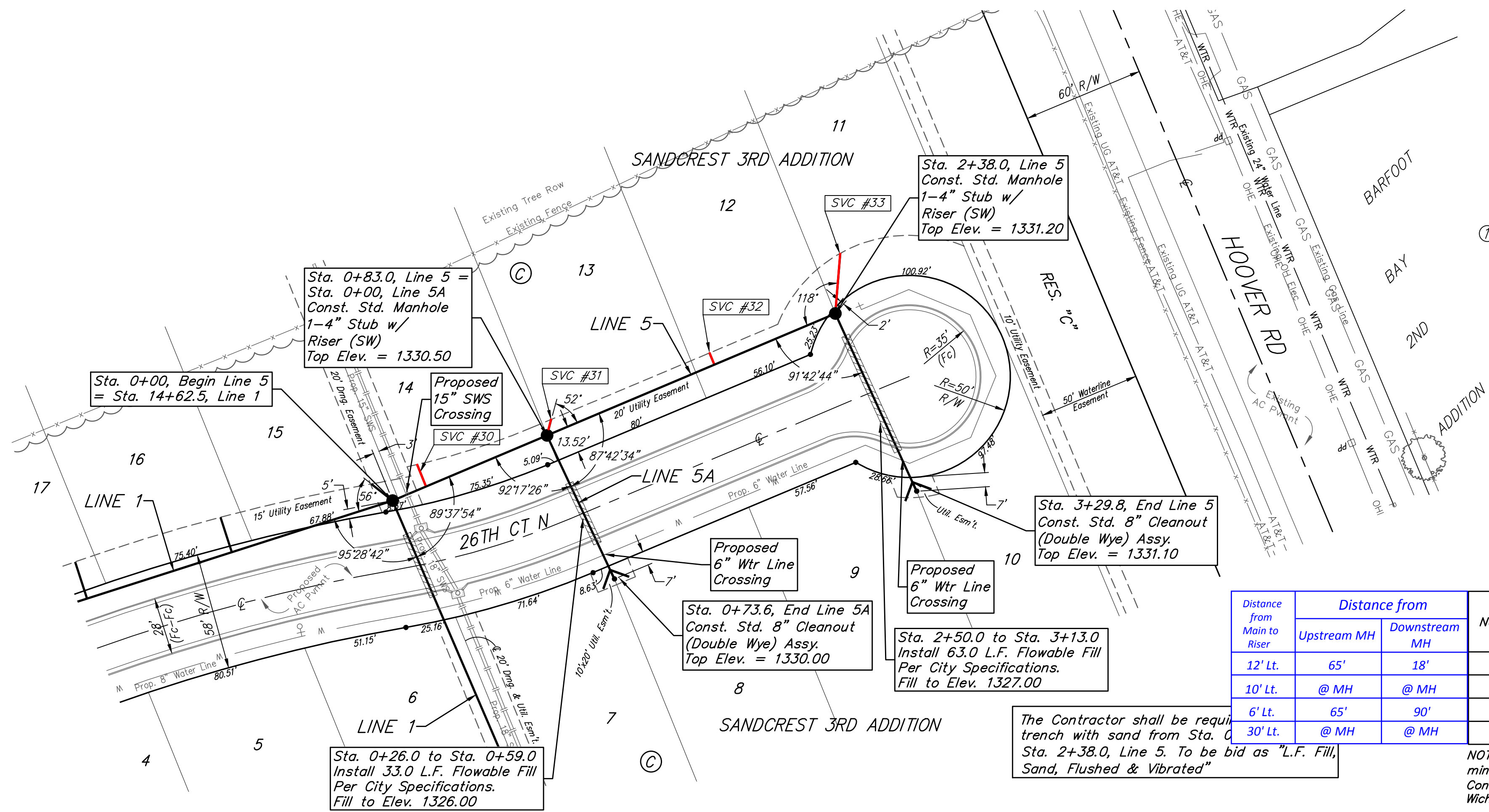
PROJECT NUMBER 468-85273	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 1/15/18
	SCALE Noted	SHEET 6 OF 21

Projects\Sandcrest 3rd Addition\_1706\F296\Engineering\Phase 1\SS 1611-E581\SS PLANS.dwg

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 Elev. = 1322.05 NAVD88

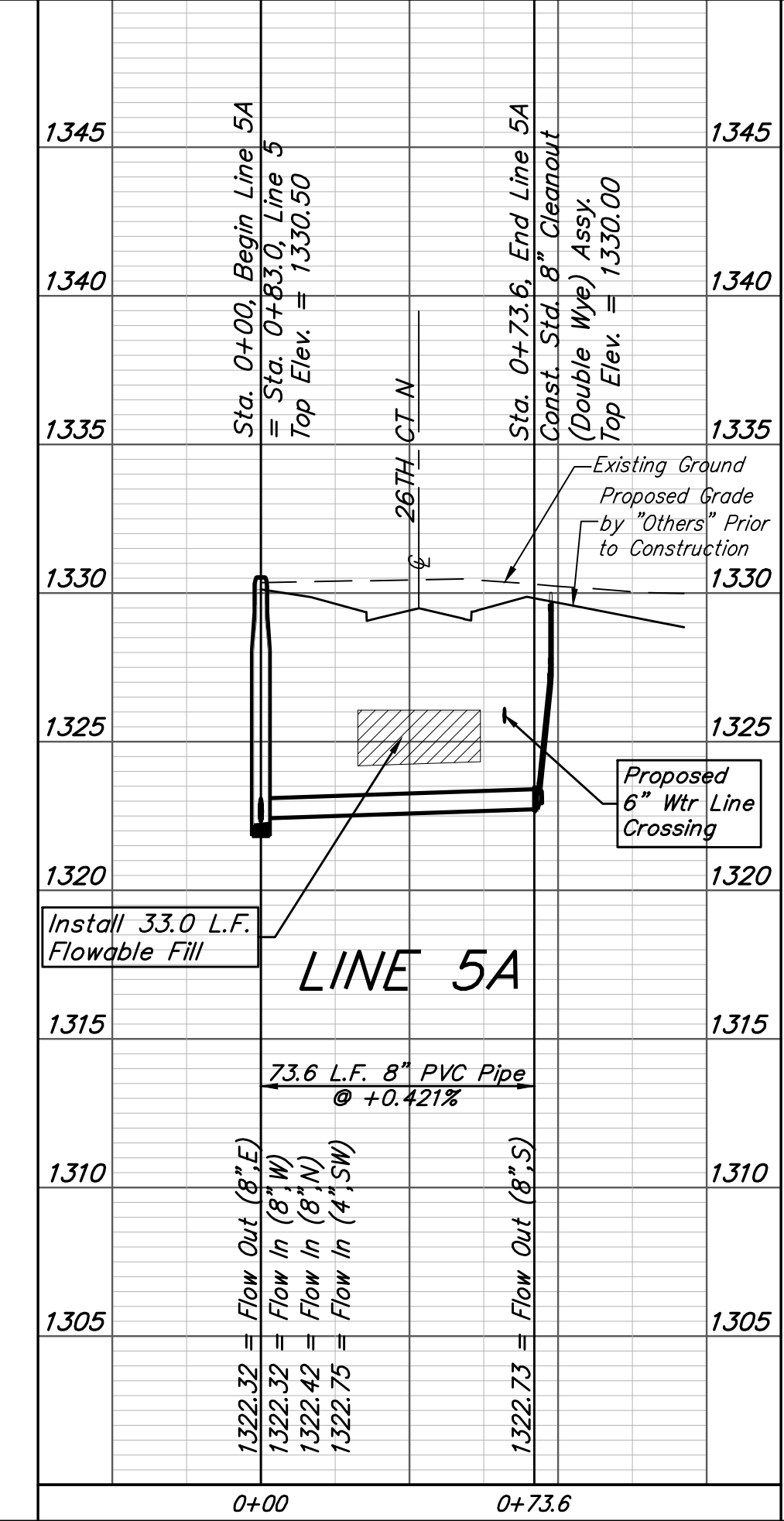
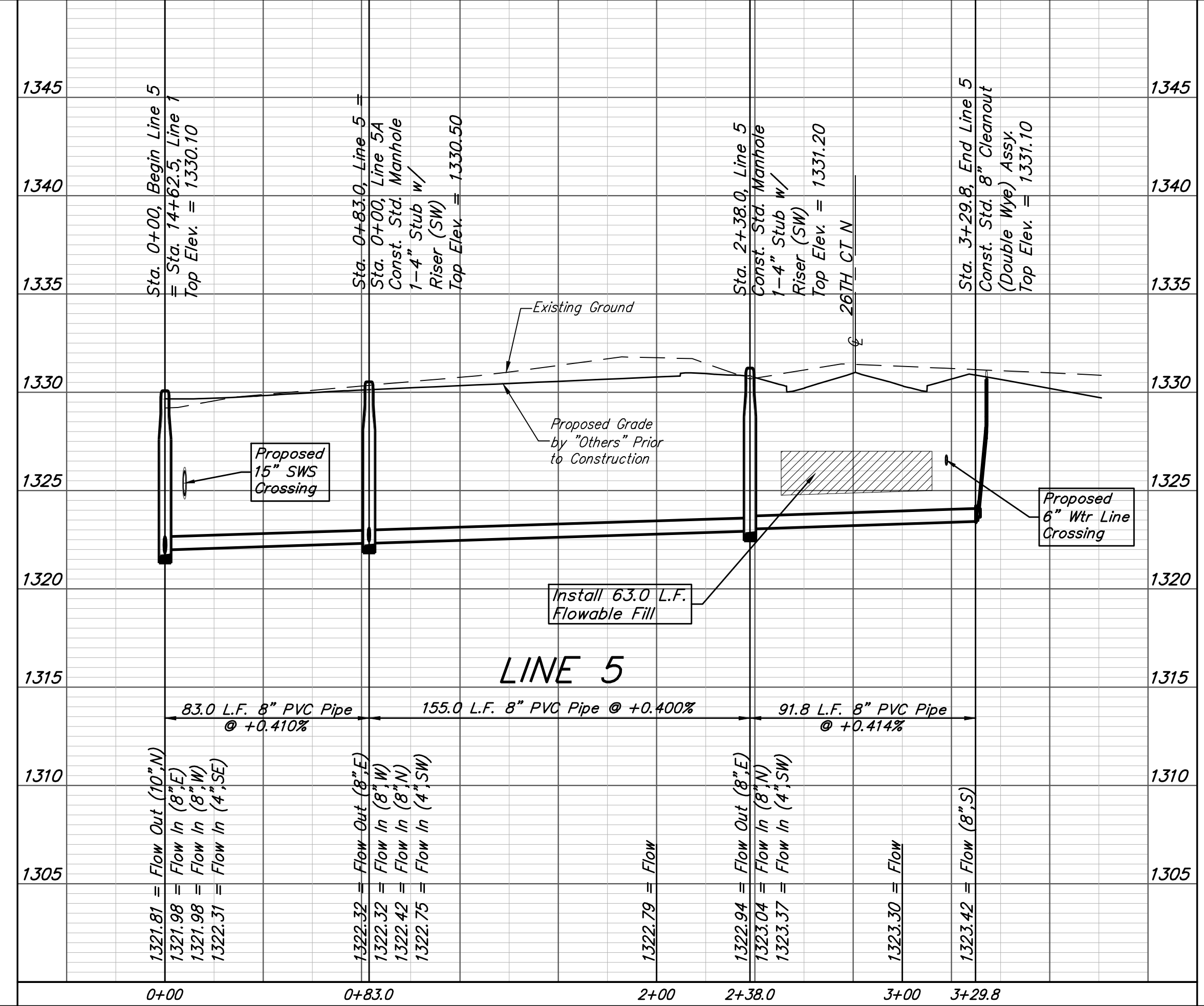


**SEWER SERVICE TABLE**

Distance from Main to Riser	Distance from		NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
	Upstream MH	Downstream MH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
12' Lt.	65'	18'	30	8" X 4" Tee	14	C	5	0+18.0/Lt.	4.1'	12'
10' Lt.	@ MH	@ MH	31	4" Stub	13	C	5	0+83.0/Lt.	3.7'	10'
6' Lt.	65'	90'	32	8" X 4" Tee	12	C	5	1+73.0/Lt.	4.3'	6'
30' Lt.	@ MH	@ MH	33	4" Stub	11	C	5	2+38.0/Lt.	4.3'	30'

The Contractor shall be required to trench with sand from Sta. 0 to Sta. 2+38.0, Line 5. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"

NOTE: If the vertical length is greater than zero Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation. Contractor shall limit horizontal riser pipe to one 20' length of pipe maximum. The City of Wichita does not want joints in the horizontal riser pipe.



**Baughman** Sandcrest 3rd Addition  
**LINE 5 & LINE 5A**  
 Sanitary Sewer Improvements

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

PROJECT NUMBER: 468-85273  
 DESIGN: AEG  
 DRAWN: JAK  
 APPROVED: [Signature]  
 DATE: 1/15/18

REVISIONS:

SCALE: Noted  
 SHEET: **7 OF 21**

**BENCHMARKS:**  
 City of Wichita Benchmark Disk  
 34.9' S. & 31.2' W. of the SW Cor.,  
 NW1/4, Sec. 2, Twp. 27-S, R-1-W.  
 Elev. = 1327.57 NAVD88

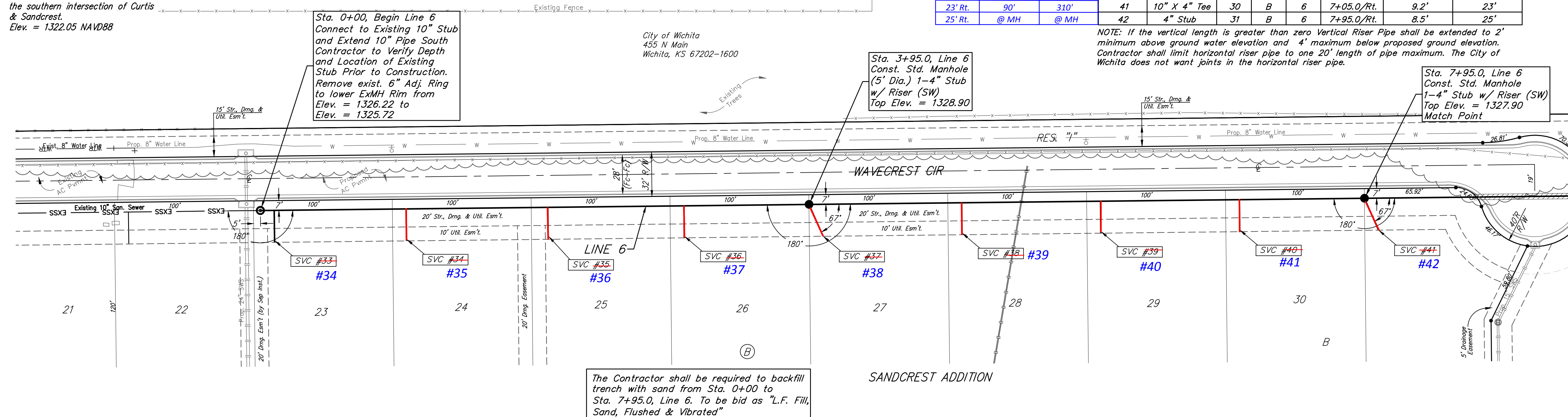
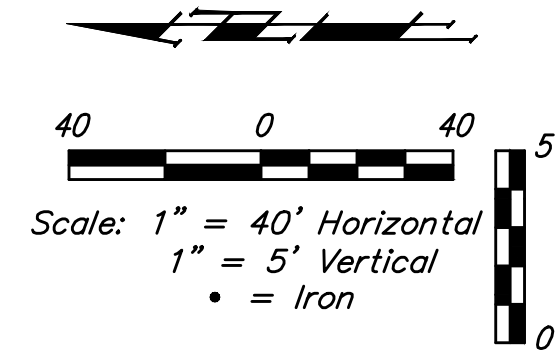
"□" cut in top of curb 1.5'  
 north of the northeast corner of  
 Lot 20, Block B, Sandcrest Addn.  
 Elev. = 1327.21 NAVD88

"□" cut in top of east curb  
 inlet at the southeast corner of  
 the southern intersection of Curtis  
 & Sandcrest.  
 Elev. = 1322.05 NAVD88

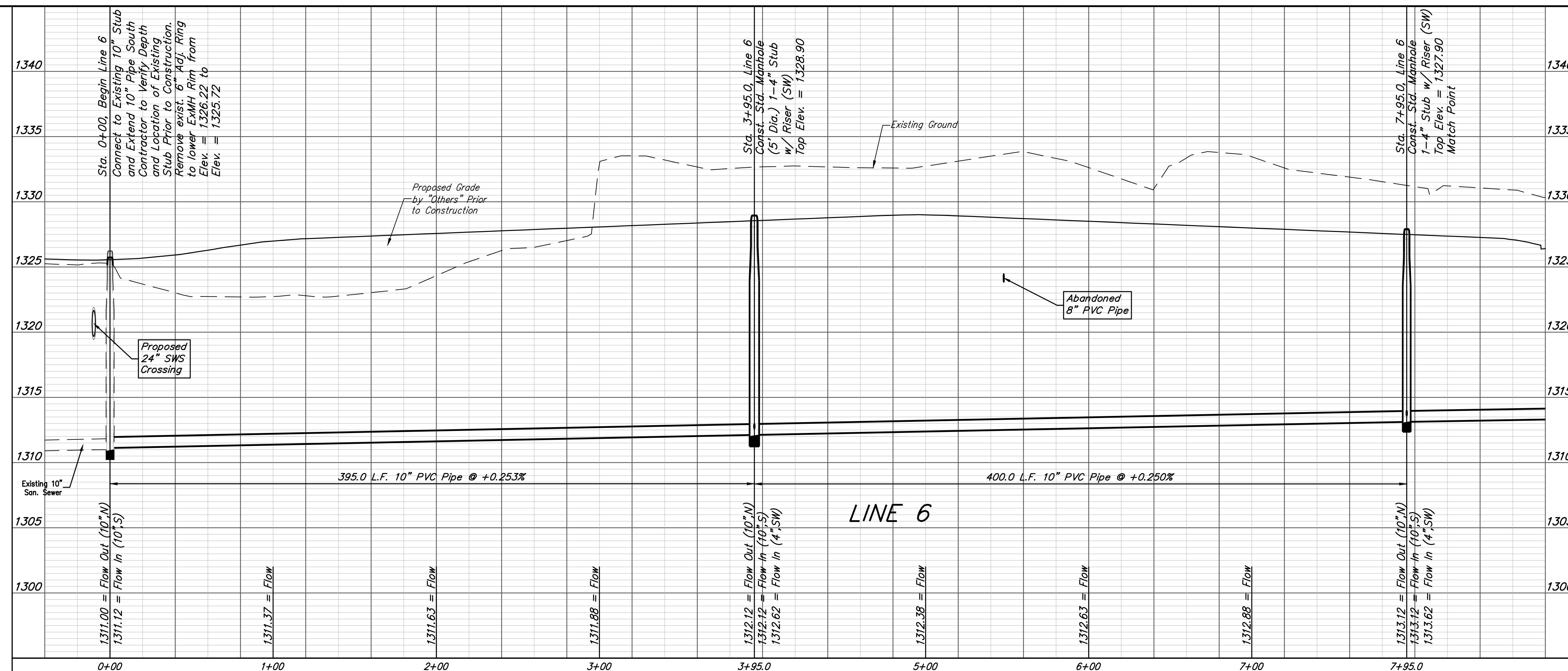
**SEWER SERVICE TABLE**

Distance from Main to Riser	Distance from		NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		
	Upstream MH	Downstream MH			LOT NO.	BLOCK NO.	LINE NO.	STATION/DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL
23' Rt.	385'	10'	34	10" X 4" Tee	23	B	6	0+10.0/Rt.	10.4'	23'
23' Rt.	290'	105'	35	10" X 4" Tee	24	B	6	1+05.0/Rt.	9.7'	23'
23' Rt.	188'	207'	36	10" X 4" Tee	25	B	6	2+07.0/Rt.	9.1'	23'
23' Rt.	90'	305'	37	10" X 4" Tee	26	B	6	3+05.0/Rt.	9.3'	23'
25' Rt.	@ MH	@ MH	38	4" Stub	27	B	6	3+95.0/Rt.	9.6'	25'
23' Rt.	290'	110'	39	10" X 4" Tee	28	B	6	5+05.0/Rt.	9.8'	23'
23' Rt.	190'	210'	40	10" X 4" Tee	29	B	6	6+05.0/Rt.	10'	23'
23' Rt.	90'	310'	41	10" X 4" Tee	30	B	6	7+05.0/Rt.	9.2'	23'
25' Rt.	@ MH	@ MH	42	4" Stub	31	B	6	7+95.0/Rt.	8.5'	25'

NOTE: If the vertical length is greater than zero Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation. Contractor shall limit horizontal riser pipe to one 20' length of pipe maximum. The City of Wichita does not want joints in the horizontal riser pipe.



The Contractor shall be required to backfill trench with sand from Sta. 0+00 to Sta. 7+95.0, Line 6. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"



**Baughman** Sandcrest 3rd Addition  
**LINE 6**  
 Sanitary Sewer Improvements

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

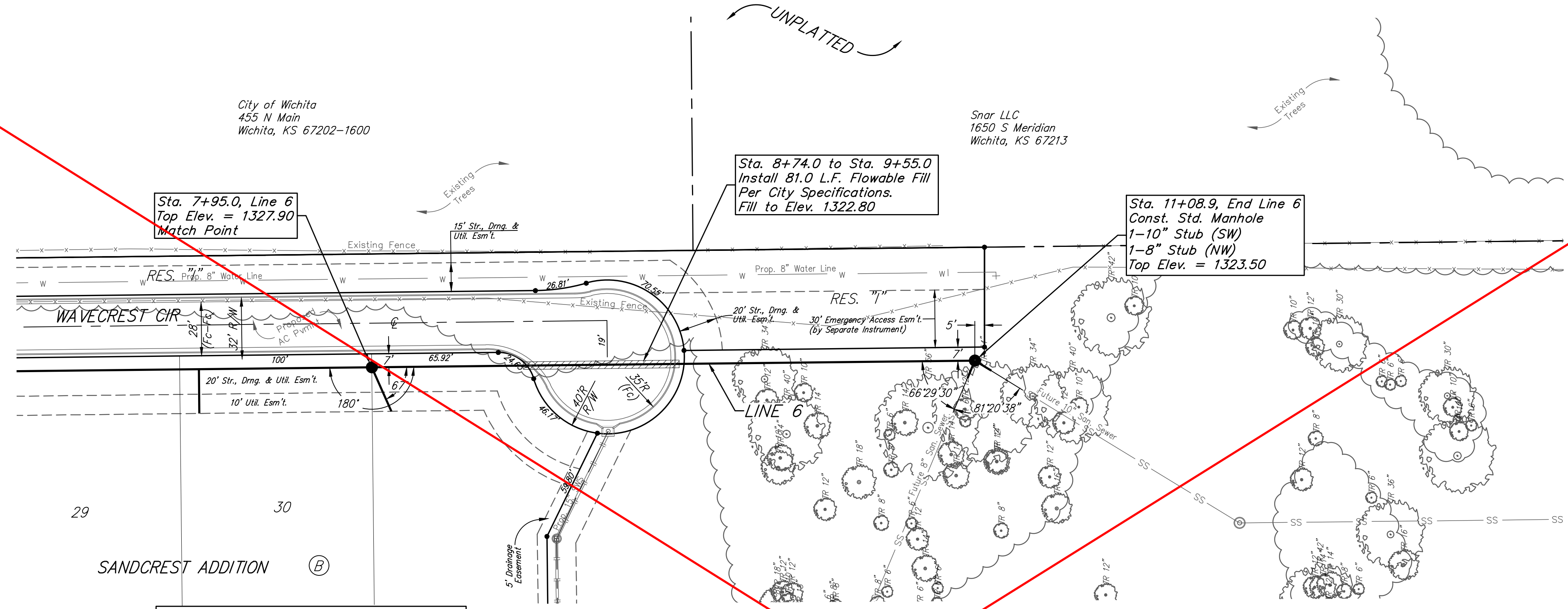
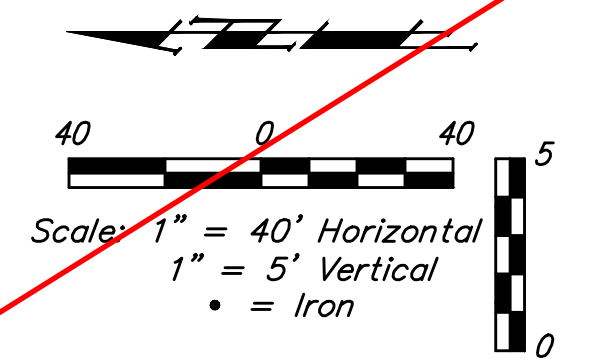
PROJECT NUMBER: 468-85273 DESIGN: AEG DRAWN: JAK  
 APPROVED: DATE: 1/15/18  
 REVISIONS: SCALE: Noted SHEET: 8 OF 21

1:\Projects\Sandcrest 3rd Addition\_1706\F296\Engineering\Phase 1\SS 1611-E581\SS PLANS.dwg

**BENCHMARKS:**  
 City of Wichita Benchmark Disk  
 34.9' S. & 31.2' W. of the SW Cor.,  
 NW1/4, Sec. 2, Twp. 27-S, R-1-W.  
 Elev. = 1327.57 NAVD88

"□" cut in top of curb 1.5'  
 north of the northeast corner of  
 Lot 20, Block B, Sandcrest Addn.  
 Elev. = 1327.21 NAVD88

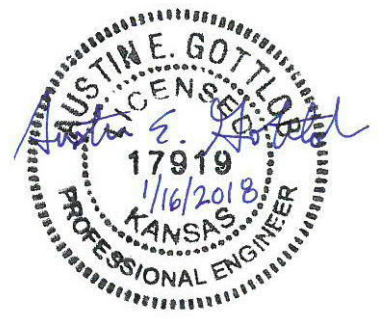
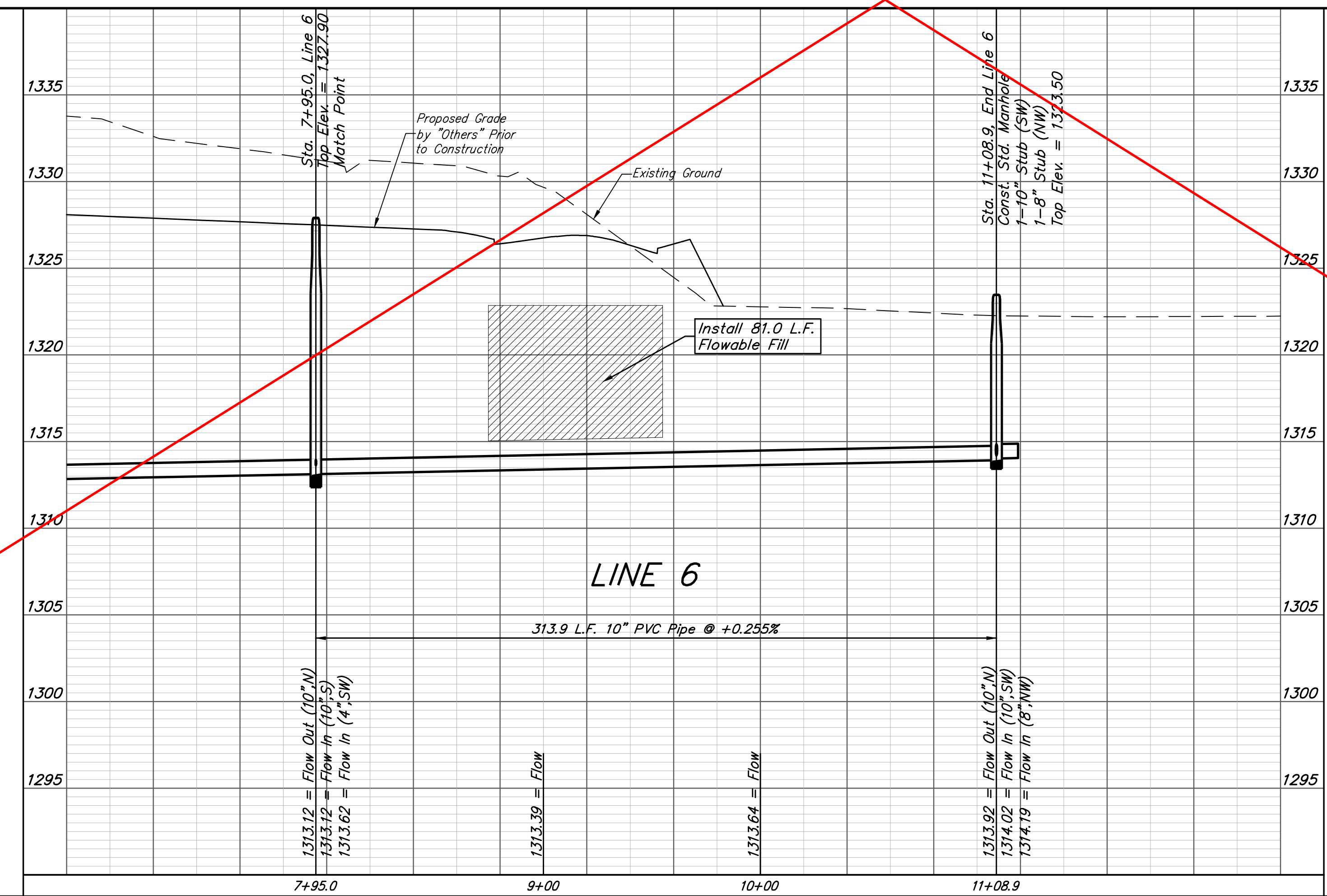
"□" cut in top of east curb  
 inlet at the southeast corner of  
 the southern intersection of Curtis  
 & Sandcrest.  
 Elev. = 1322.05 NAVD88



SEE REVISED SHEET

The Contractor shall be required to backfill trench with sand from Sta. 7+95.0 to Sta. 8+74.0, Line 6. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"

Remove existing trees only as **ABSOLUTELY** necessary for construction and with the approval of the Engineer. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. Cost to be included in bid item "Site Clearing"

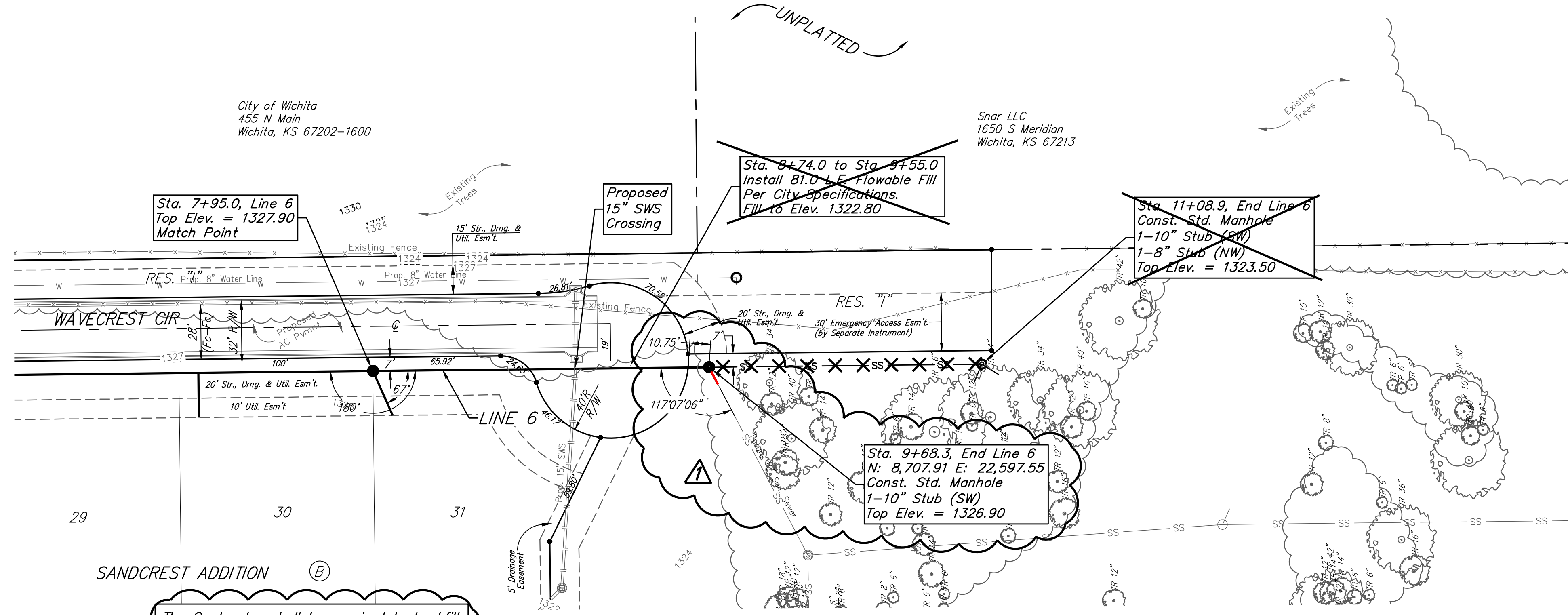
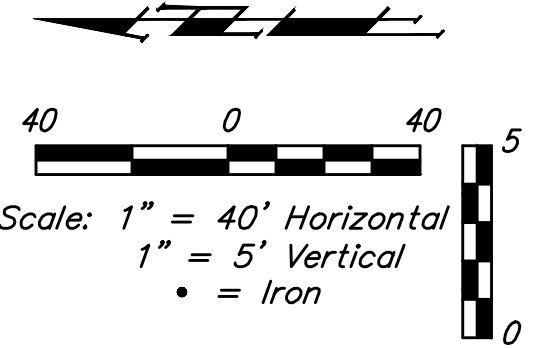


		Sandcrest 3rd Addition	
		<b>LINE 6</b>	
		Sanitary Sewer Improvements	
<small>Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149          ENGINEERING   SURVEYING   PLANNING   LANDSCAPE ARCHITECTURE</small>			
PROJECT NUMBER 468-85273	DESIGN AEG	DRAWN JAK	
REVISIONS:	APPROVED	DATE 1/15/18	
	SCALE Noted	SHEET	
			<b>9 OF 21</b>

**BENCHMARKS:**  
 City of Wichita Benchmark Disk  
 34.9' S. & 31.2' W. of the SW Cor.,  
 NW1/4, Sec. 2, Twp. 27-S, R-1-W.  
 Elev. = 1327.57 NAVD88

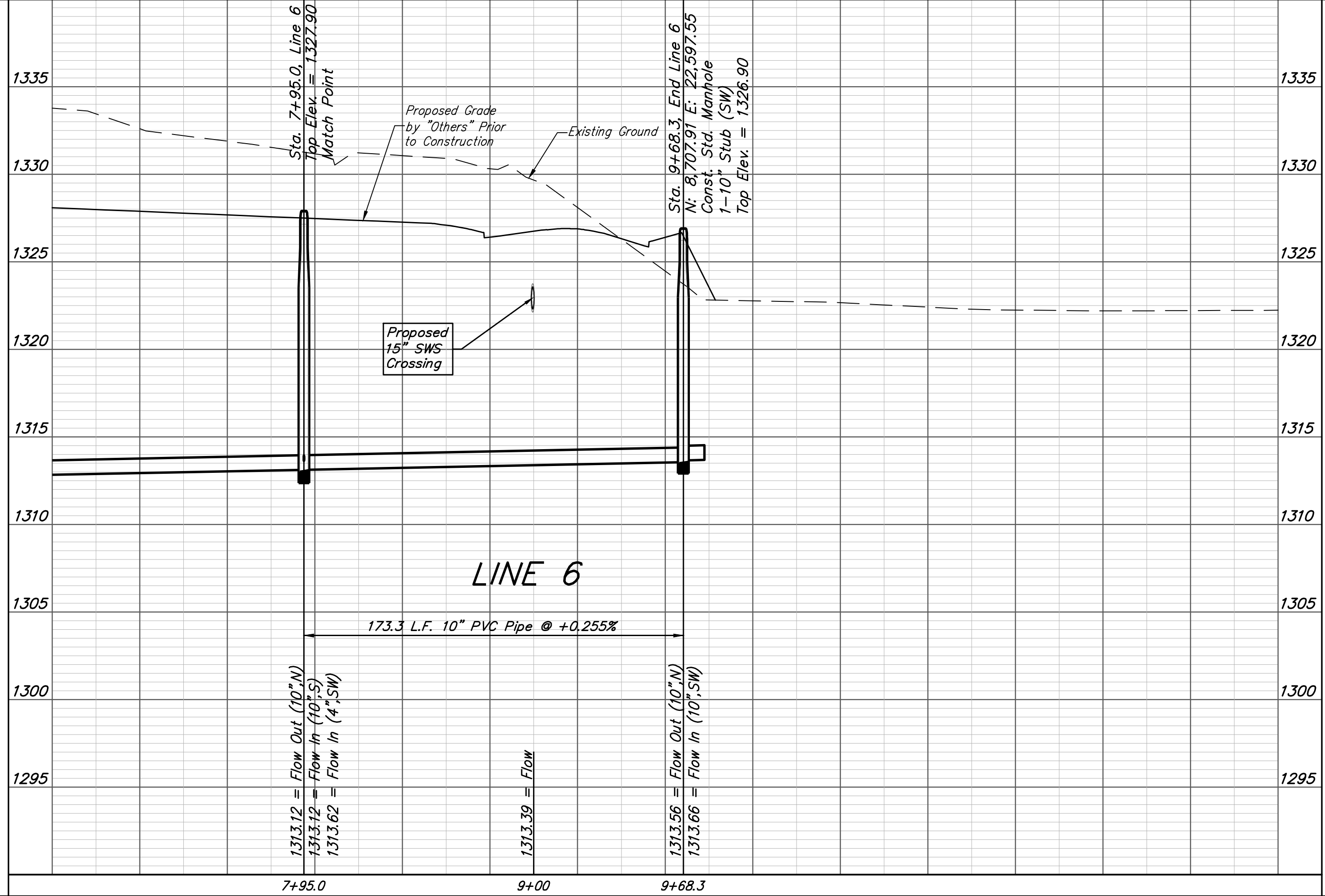
"□" cut in top of curb 1.5'  
 north of the northeast corner of  
 Lot 20, Block B, Sandcrest Addn.  
 Elev. = 1327.21 NAVD88

"□" cut in top of east curb  
 inlet at the southeast corner of  
 the southern intersection of Curtis  
 & Sandcrest.  
 Elev. = 1322.05 NAVD88



The Contractor shall be required to backfill trench with sand from Sta. 7+95.0 to Sta. 9+68.3, Line 6. To be bid as "L.F. Fill, Sand, Flushed & Vibrated"

Remove existing trees only as **ABSOLUTELY** necessary for construction and with the approval of the Engineer. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. Cost to be included in bid item "Site Clearing"

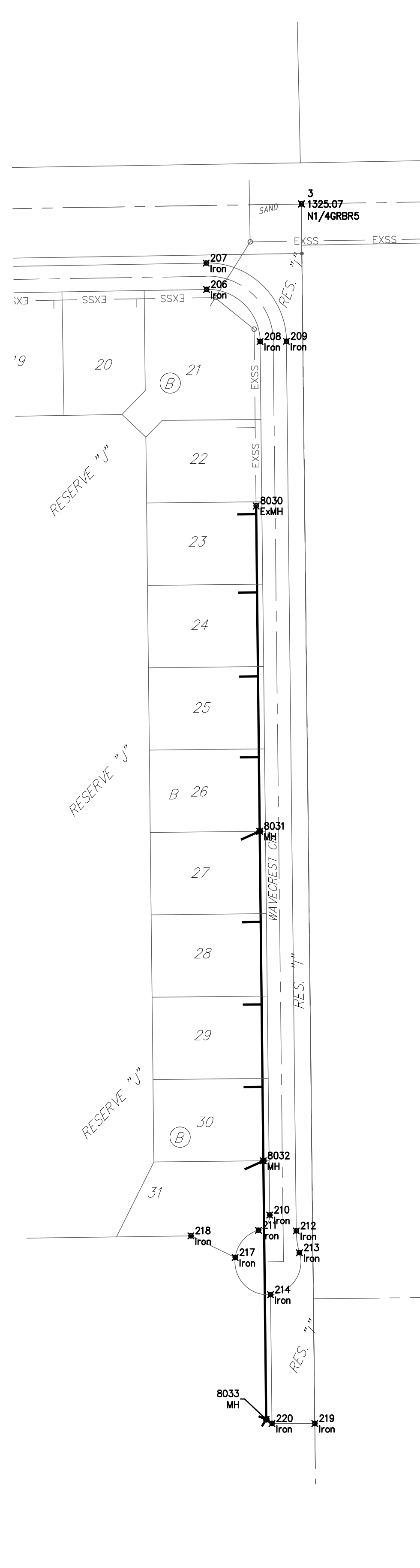
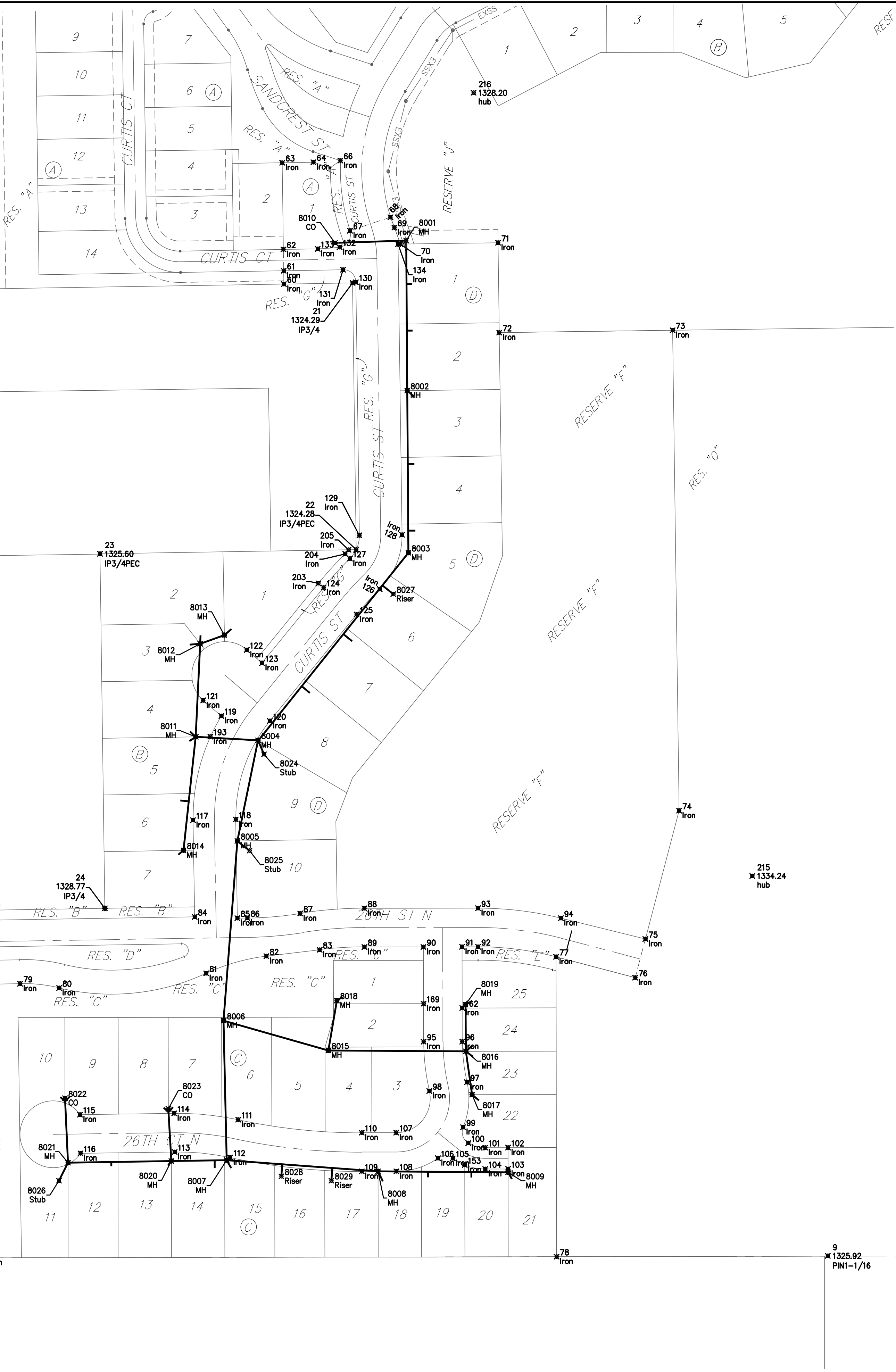


		Sandcrest 3rd Addition	
		<b>LINE 6</b>	
		Sanitary Sewer Improvements	
<small>Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149          ENGINEERING   SURVEYING   PLANNING   LANDSCAPE ARCHITECTURE</small>			
PROJECT NUMBER 468-85273	DESIGN AEG	DRAWN JAK	
REVISIONS: 3/08/18 End Manhole Location & Flowable Fill deleted	AEG/JAK	APPROVED DATE 1/15/18	
		SCALE Noted	
		SHEET	<b>9R OF 21</b>

**BENCHMARKS:**  
 City of Wichita Benchmark Disk  
 34.9' S. & 31.2' W. of the SW Cor.,  
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 inlet at the southeast corner of  
 the southern intersection of Curtis  
 & Sandcrest.  
 Elev. = 1322.05 NAVD88



CoordinateTable			
Point	Northing	Easting	Desc
1	7,380.00	20035.75	WI/4GRBRS
2	10,000.00	20000.00	NWSC4RBR
3	10,042.82	22641.78	N1/4GRBRS
4	7,385.08	22671.19	CENTER1/2IP
9	7,383.01	21358.40	PIN1-1/16
10	7,677.34	22667.92	R/B4
20	8,832.91	20065.94	BRS
21	8,842.34	20645.79	IP3/4
22	8,442.34	20651.35	IP3/4PEC
23	8,436.06	20267.01	IP3/4PEC
24	7,904.30	20274.31	IP3/4
30	8,832.60	20045.92	IP3/4
56	7,380.12	20095.75	Iron
57	7,790.27	20090.16	Iron
58	7,886.26	20088.85	Iron
59	7,901.26	20088.64	Iron
60	8,840.66	20542.87	Iron
61	8,860.66	20542.60	Iron
62	8,892.66	20542.16	Iron
63	9,022.65	20540.39	Iron
64	9,023.41	20587.11	Iron
66	9,025.95	20627.56	Iron
67	8,920.80	20641.88	Iron
68	8,940.97	20702.62	Iron
69	8,925.41	20708.43	Iron
70	8,900.70	20717.40	Iron
71	8,902.74	20863.97	Iron
72	8,767.95	20865.85	Iron
73	8,771.45	21125.64	Iron
74	8,050.76	21135.48	Iron
75	7,858.26	21084.84	Iron
76	7,800.33	21069.61	Iron
77	7,831.54	20950.94	Iron
78	7,381.83	20951.81	Iron
79	7,791.21	20147.25	Iron
80	7,784.77	20205.85	Iron
81	7,806.78	20426.22	Iron
82	7,832.48	20516.55	Iron
83	7,842.11	20596.37	Iron
84	7,891.49	20408.97	Iron
85	7,889.54	20473.01	Iron
86	7,889.78	20488.01	Iron
87	7,896.61	20567.22	Iron
88	7,904.22	20663.53	Iron
89	7,846.22	20663.64	Iron
90	7,846.39	20752.06	Iron
91	7,846.50	20810.06	Iron
92	7,846.54	20834.04	Iron
93	7,904.54	20833.93	Iron
94	7,889.54	20958.21	Iron
95	7,704.34	20752.33	Iron
96	7,704.45	20810.33	Iron
97	7,643.54	20817.38	Iron
98	7,630.39	20760.89	Iron
99	7,576.06	20811.48	Iron
100	7,552.20	20819.35	Iron
101	7,545.35	20844.72	Iron
102	7,545.42	20878.99	Iron
103	7,513.42	20879.05	Iron
104	7,513.35	20844.78	Iron
105	7,529.33	20795.98	Iron
106	7,529.59	20773.81	Iron
107	7,567.83	20711.32	Iron
108	7,509.83	20711.44	Iron
109	7,509.73	20659.55	Iron
110	7,567.73	20659.43	Iron
111	7,587.23	20474.42	Iron
112	7,530.53	20462.21	Iron
113	7,538.80	20379.09	Iron
114	7,596.79	20378.30	Iron
115	7,594.86	20237.12	Iron
116	7,536.87	20237.91	Iron
117	8,036.55	20406.60	Iron
118	8,037.60	20470.60	Iron
119	8,192.88	20448.98	Iron

CoordinateTable			
Point	Northing	Easting	Desc
120	8,185.27	20521.76	Iron
121	8,216.22	20421.89	Iron
122	8,291.99	20487.16	Iron
123	8,272.26	20510.05	Iron
124	8,385.46	20602.22	Iron
125	8,345.05	20651.85	Iron
126	8,383.22	20686.60	Iron
127	8,428.85	20641.72	Iron
128	8,464.63	20720.05	Iron
129	8,463.74	20656.05	Iron
130	8,843.37	20650.78	Iron
131	8,862.11	20631.47	Iron
132	8,895.99	20626.41	Iron
133	8,893.49	20593.58	Iron
134	8,900.65	20713.99	Iron
153	7,519.27	20814.04	Iron
162	7,754.82	20810.23	Iron
169	7,761.39	20752.22	Iron
193	8,161.91	20432.63	Iron
203	8,391.77	20594.46	Iron
204	8,435.98	20634.71	Iron
205	8,442.15	20639.78	Iron
206	9,938.94	22526.59	Iron
207	9,970.93	22526.07	Iron
208	8,875.65	22591.62	Iron
209	9,876.01	22623.62	Iron
210	8,815.36	22603.36	Iron
211	8,796.92	22589.71	Iron
212	8,796.01	22635.57	Iron
213	8,769.56	22639.44	Iron
214	8,718.69	22604.43	Iron
215	7,952.88	21245.12	hub
216	9,127.58	20827.18	hub
217	8,763.76	22561.33	Iron
218	8,790.03	22507.60	Iron
219	8,562.27	22658.16	Iron
220	8,562.27	22606.16	Iron
401	7,345.09	20004.51	BM COWDISC

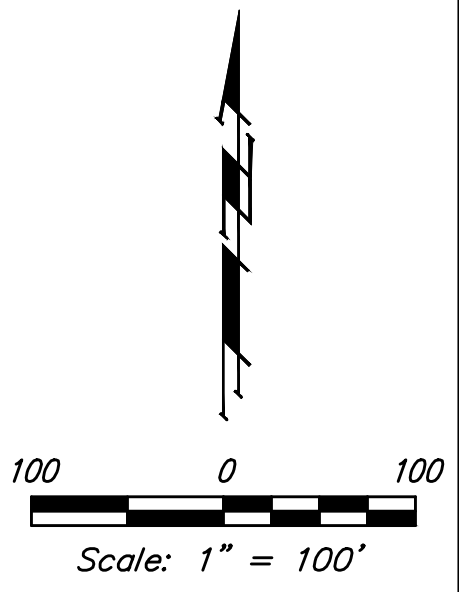
CoordinateTable			
Point	Northing	Easting	Desc
8001	8,905.82	20726.27	MH
8002	8,680.82	20727.79	MH
8003	8,437.68	20729.43	MH
8004	8,156.33	20504.02	MH
8005	8,005.41	20473.12	MH
8006	7,735.81	20452.40	MH
8007	7,526.50	20457.02	MH
8008	7,509.78	20684.06	MH
8009	7,508.42	20879.06	MH
8010	8,902.46	20619.60	CO
8011	8,161.56	20410.67	MH
8012	8,301.18	20417.34	MH
8013	8,314.09	20453.54	MH
8014	7,991.23	20392.34	MH
8015	7,691.11	20609.49	MH
8016	7,689.83	20815.76	MH
8017	7,624.85	20825.06	MH
8018	7,766.14	20622.21	MH
8019	7,759.83	20815.22	MH
8020	7,525.20	20374.03	MH
8021	7,522.78	20219.03	MH
8022	7,619.46	20214.63	CO
8023	7,603.69	20369.66	CO
8024	8,135.28	20513.00	Stub
8025	7,990.91	20491.36	Stub
8026	7,495.86	20205.53	Stub
8027	8,375.58	20706.90	Riser
8028	7,502.21	20539.07	Riser
8029	7,495.73	20614.08	Riser
8030	9,676.15	22586.83	ExMH
8031	9,281.18	22591.20	MH
8032	8,881.20	22595.63	MH
8033	8,567.27	22599.10	MH



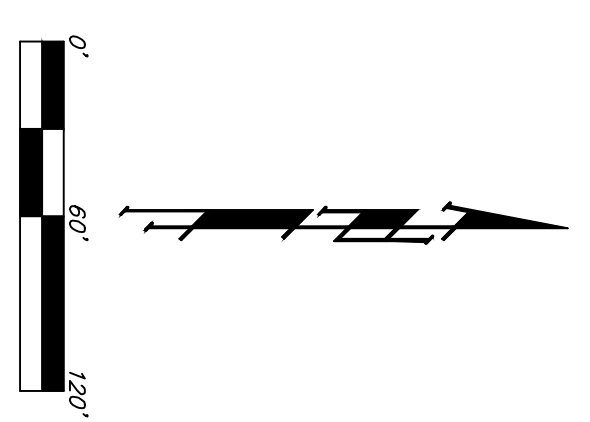
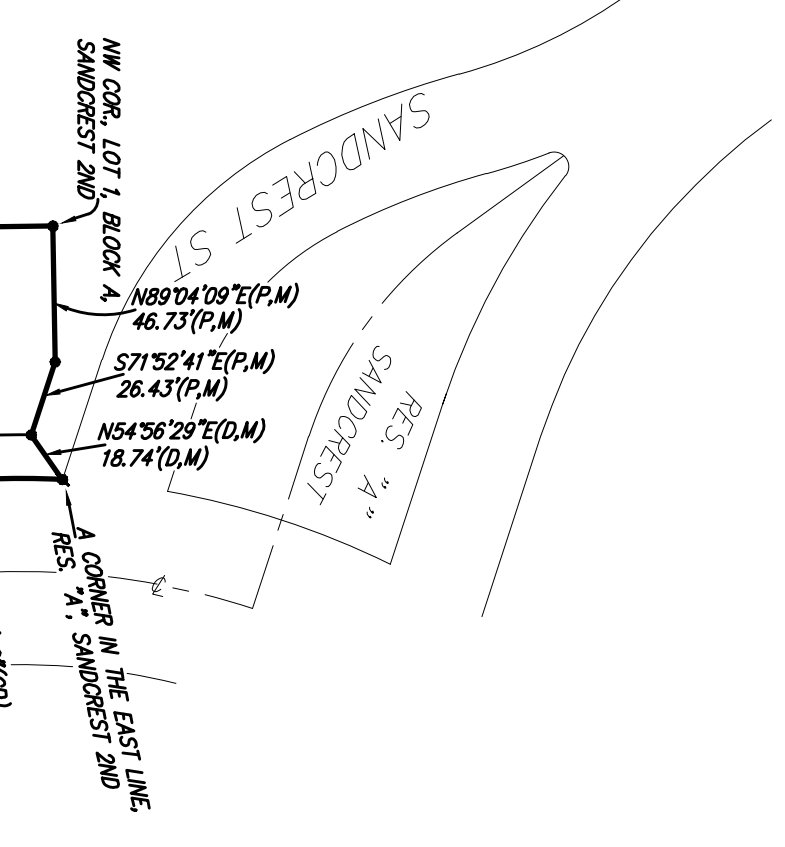
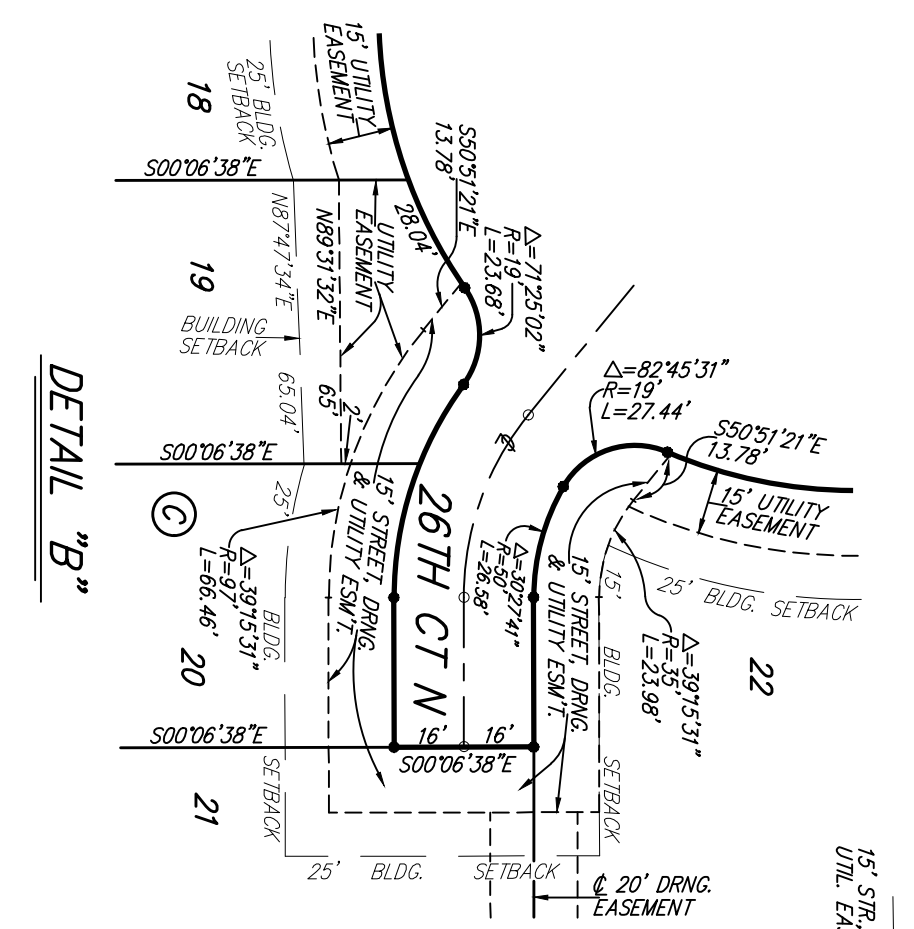
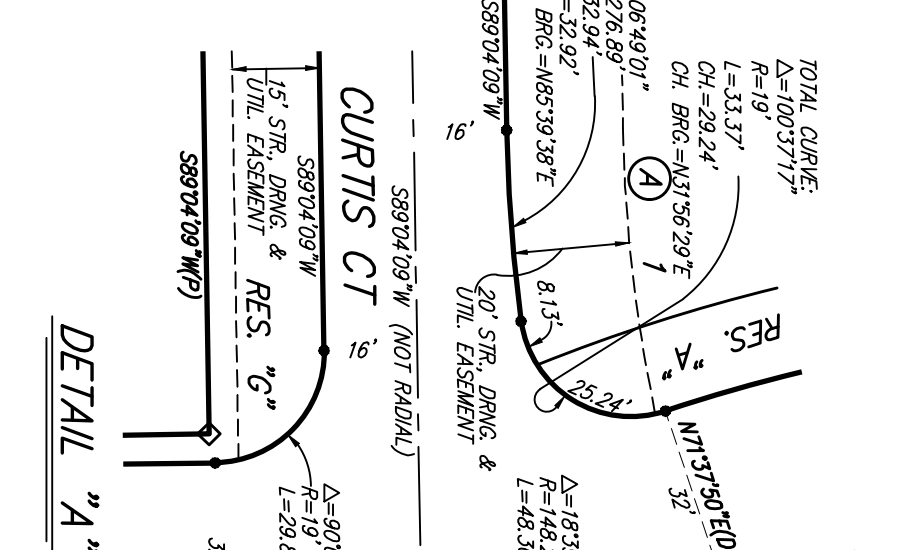
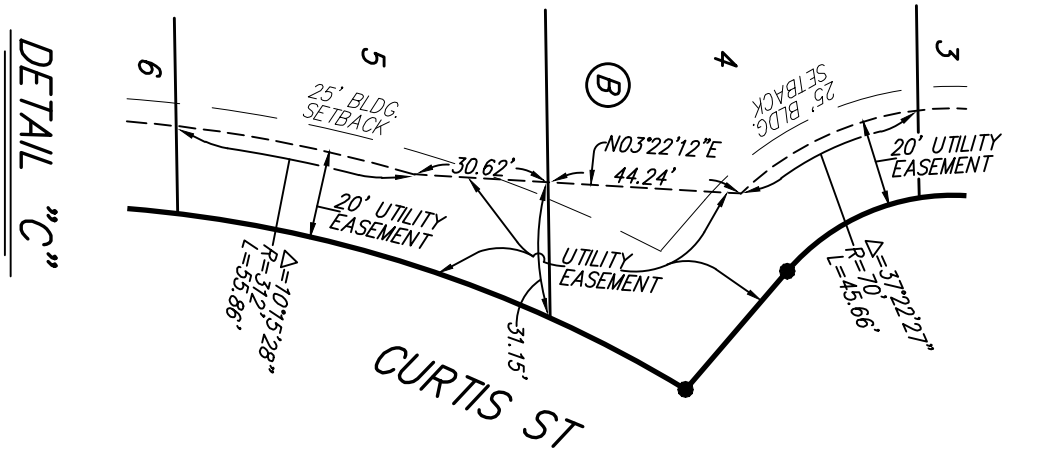
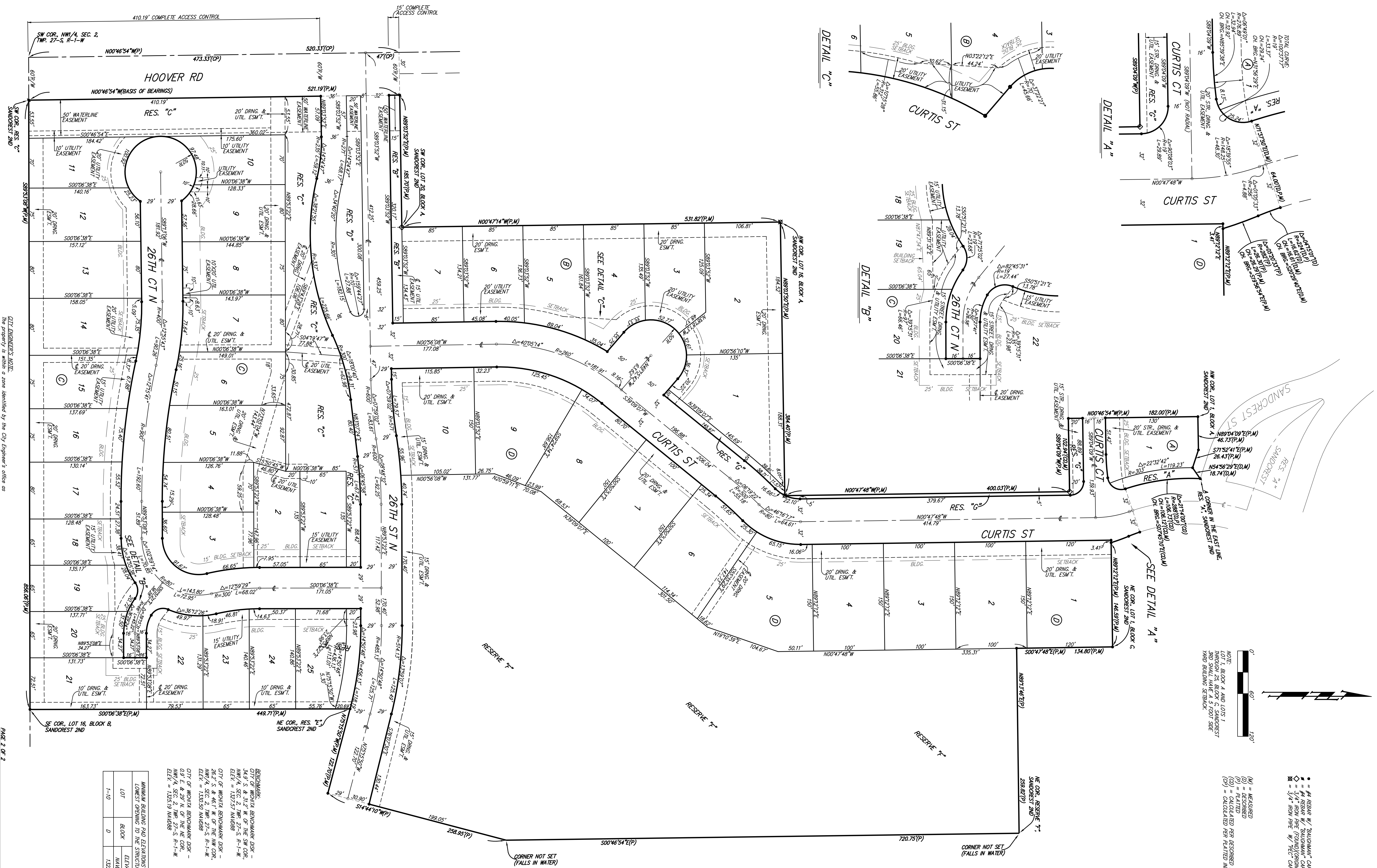
**Baughman** Sandcrest 3rd Addition  
**COORDINATES**  
 Sanitary Sewer Improvements

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

PROJECT NUMBER 468-85273	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 1/15/18
	SCALE Noted	SHEET <b>20 OF 21</b>



# SANDCREST 3RD AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



- • = #4 REBAR W/ BAUCHMAN CAR (SET)
- = #4 REBAR W/ BAUCHMAN CAR (FOUND)
- ◊ = 3/4" RIB RING (FOUND) (CONC UNKNOWN)
- ◊ = 3/4" RIB RING W/ REC CAR (FOUND)
- (M) = MEASURED
- (D) = DESIGNED
- (R) = RAIATED
- (C) = CALCULATED PER DESIGNED INFO
- (S) = CALCULATED PER PLATTED INFO

MINIMUM BUILDING PAID ELEVATIONS FOR LOWEST ORIGIN TO THE STRUCTURES	LOT	BLOCK	ELEVATION
1-10	D	1220.0	

**BENCHMARK:**  
 CITY OF WICHITA BENCHMARK DISK -  
 NW/4, SEC. 2, TWP. 27-S, R-1-W  
 ELEV = 1327.57 MVD088  
 CITY OF WICHITA BENCHMARK DISK -  
 SW/4, SEC. 2, TWP. 27-S, R-1-W  
 ELEV = 1300.50 MVD088  
 CITY OF WICHITA BENCHMARK DISK -  
 0.9'E. & 29' N. OF THE NE COR.  
 NW/4, SEC. 2, TWP. 27-S, R-1-W  
 ELEV = 1325.19 MVD088

**CITY ENGINEER'S NOTE:**  
 The property is within a zone identified by the City Engineer's office as ground surface elevation. Building with specially engineered foundations or with the lowest floor opening above ground level is recommended and owners seeking building permits on this property will be similarly advised in the vicinity of this property is available in the City Engineer's office.

**NOTE:**  
 A drainage plan has been developed for the plot and all drainage easements, rights-of-way, or reserves shall remain of established depth and shall be maintained to allow for the drainage of stormwater.

**PAGE 2 OF 2**

**Bauchman Company P.A.**  
 313 BIRDS, WICHITA, KS 67201 P: 313.262.7271 F: 313.262.0118  
MEMBER OF THE BENCHMARK GROUP

**1208 PINE SANDCREST 3RD WICHITA, KS**