

AS BUILT PLANS

Contractor: Dondlinger Const. Co.
 Inspector: Don Eddingfield, Baughman Co.
 pdf's by: KEK, 5/17/13

STORM SEWER IMPROVEMENTS TO SERVE

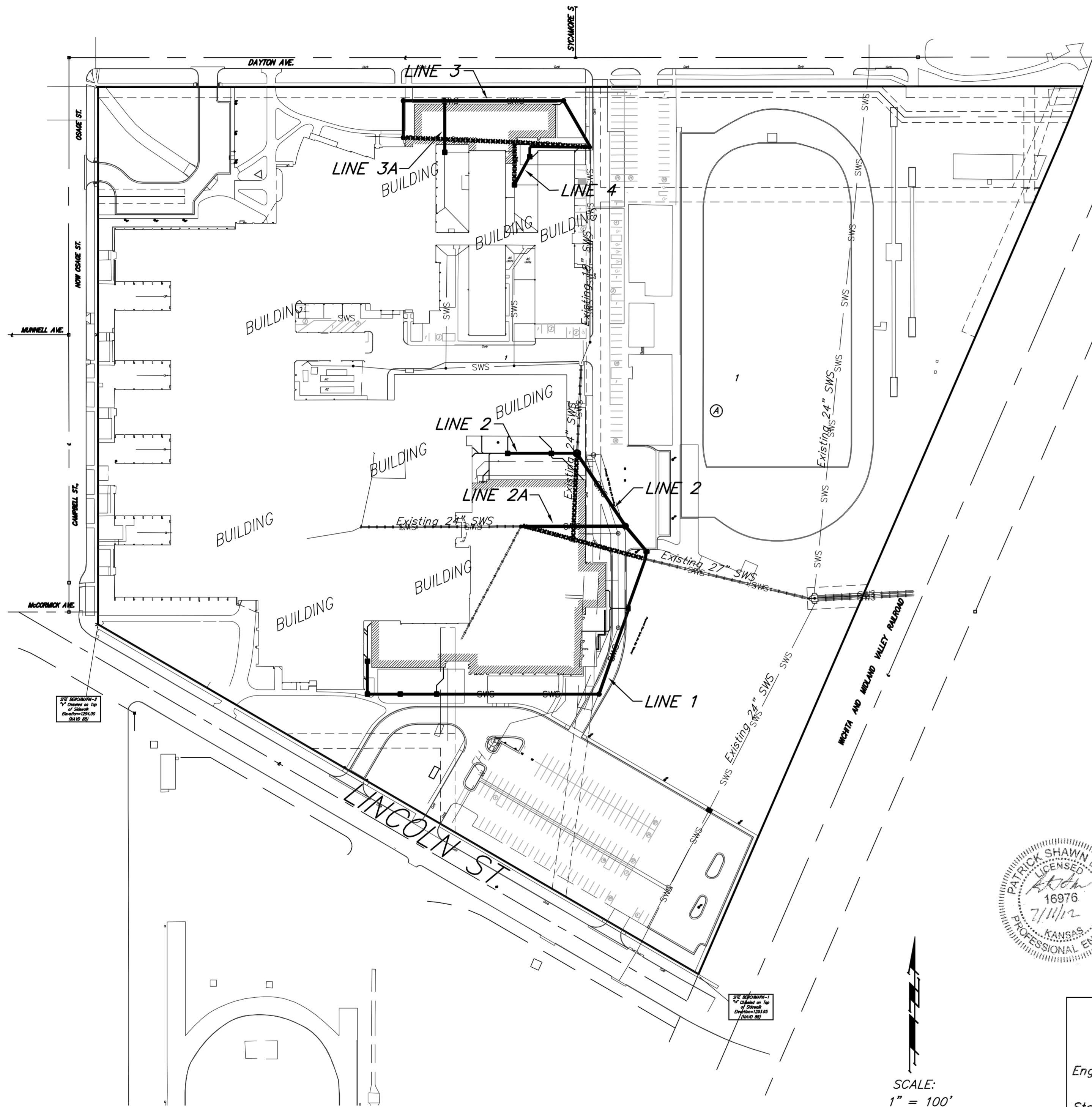
West High School Addition

Private Project: 0068 PPD (607861)

CITY OF WICHITA, KANSAS

Gary Janzen, P.E. Interim City Engineer

June 2012



Benchmarks

Benchmark #1 - "□" Chiseled
 on Top of Sidewalk
 ELEV. = 1293.95 (NAVD 88)

Benchmark #2 - "∨" Chiseled
 on Top of Sidewalk
 ELEV. = 1294.00 (NAVD 88)

Legal Description

Lot 1, Block A West High School Addition, in
 Wichita, Sedgewick County, KS.

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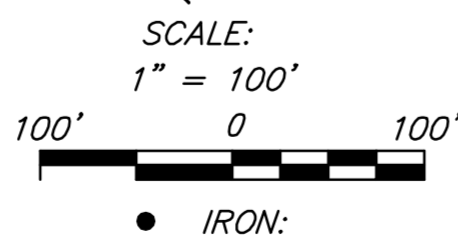
APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

Engineering *Julianne Kallman* 7-11-12

Storm Drainage *[Signature]* 07/11/12

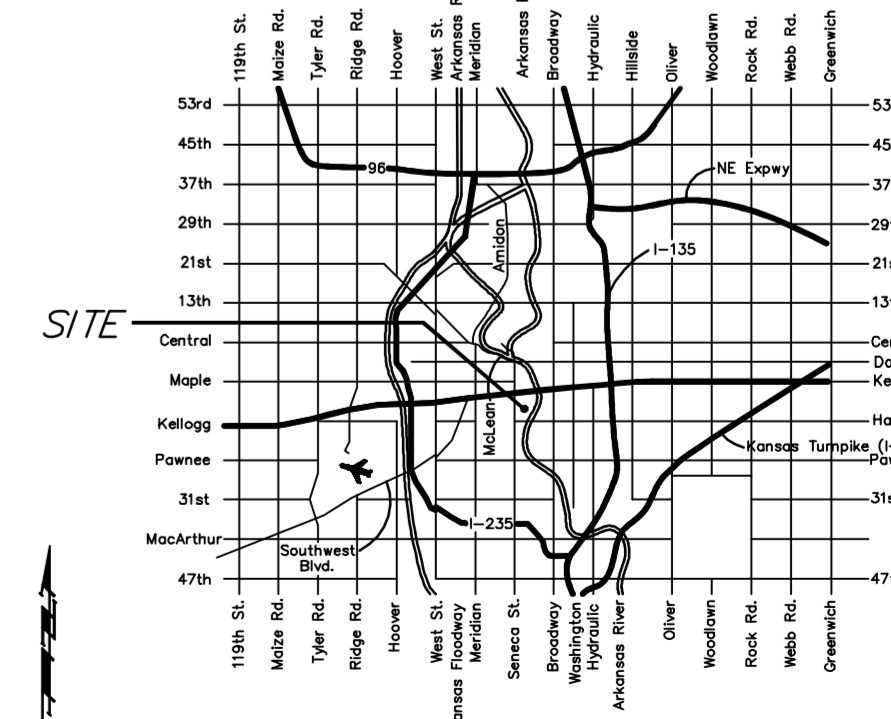
NOTE TO CONTRACTORS

Installation, inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said Inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).



General Notes

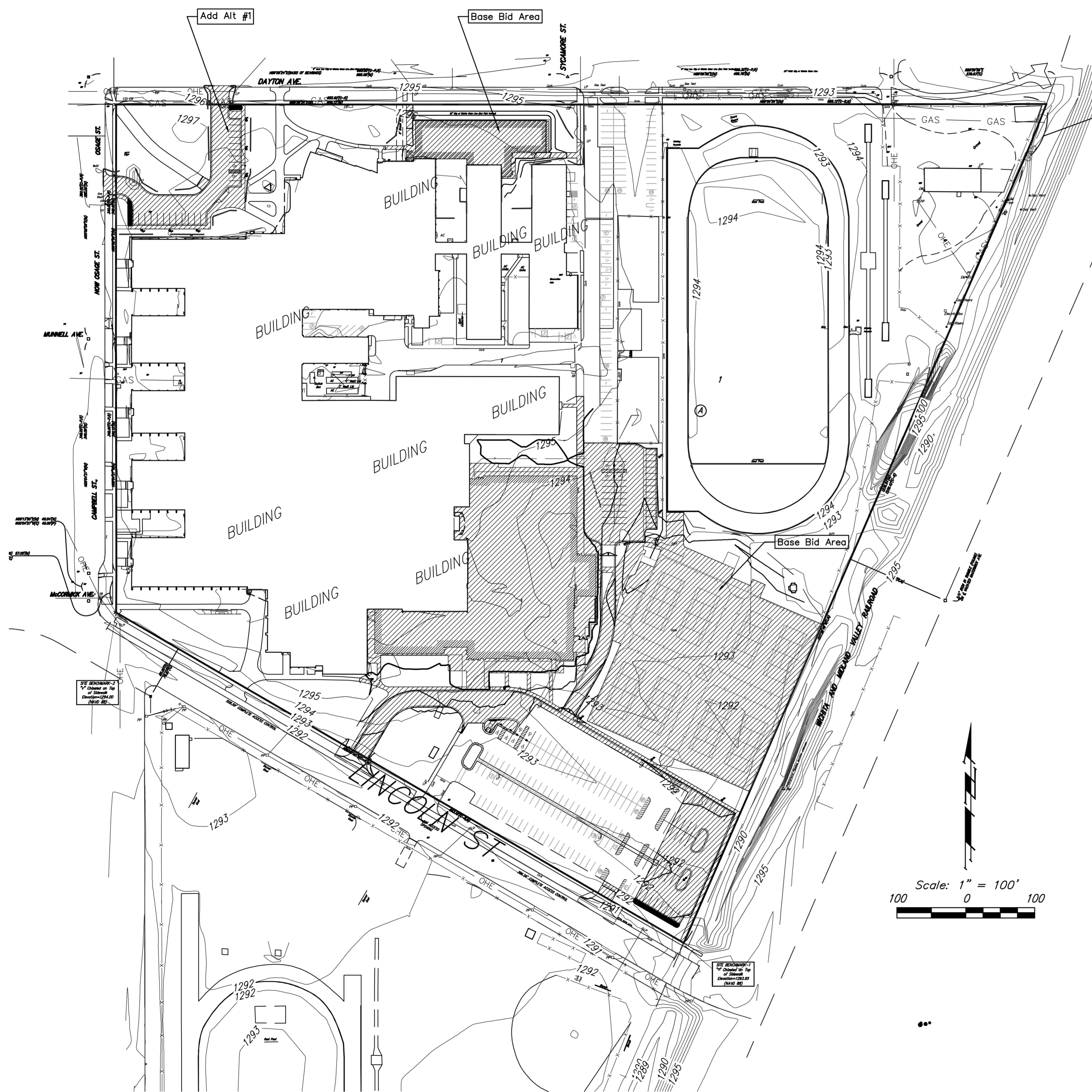
- Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) hours prior to any excavation, as follows:
 Kansas One-Call 687-2470
 The Contractor must notify the following in case of an emergency:
 Cox Communications 262-4270
 Kansas Gas Service Company 1-888-482-4950
 Westar Energy (Electric) 383-8650
 Black Hills Energy (Gas) 1-800-303-0357
 Southwestern Bell Telephone Co. 1-800-286-8313
 262-6000
 City of Wichita Water Dept. (Water) 262-6000
 City of Wichita Sewer Maint. (SS) 268-4090
 City of Wichita Storm Sewer Maint. 268-4034
 City of Wichita Traffic Maint. 262-6000
- All disturbed areas within the project site and that overlap the area to be disturbed shall have temporary and permanent erosion control measures installed by the general contractor. See site plan reference copy of the Erosion Control Plan and Landscape Plan and coordinate with General Contractor to ensure temp. erosion control measures are install within 7 days of construction.
- All disturbed R/W areas not intended for pavement or sidewalk construction shall be seeded with Kansas Premium Fescue Blend at a rate of 8 lb./1000 Sq. Ft., fertilized with a 16-20-6 ratio at a rate of 4 lb./1000 Sq. Ft., and mulched with Prairie Hay at a rate of 92 lb./1000 Sq. Ft. Mulch shall be "patted" with forks or punched into soil to reduce loss due to wind.
- Utility service lines, poles, valve boxes, meters, et cetera 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 and shall be field verified. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Contractor shall furnish the inspector with a copy of the manufacturer's certification for all pipe used on this project after completion of pipe installation. The engineer will not certify the project to the city until pipe certification has been received.
- Properties within the project limits may have underground sprinkler systems which conflict with new construction. Contractor will be required to remove such improvements should they not be removed by their owner at the time of construction. The Contractor will be required to salvage all sprinkler heads and/or valves and give such material to their owner. Portions of underground sprinkler systems not in conflict with new construction shall be protected from damage and shall remain in place. All work in connection with underground sprinkler systems shall be considered as subsidiary to the contract pay items of work.
- Cuts made to paved surfaces on public property will be repaired by the City's contractor and charged against the owner/applicant. Unit repair prices are available from the City at 268-4418. A surcharge may be applicable; call 268-4418 for details. Repair costs to be paid prior to release of sewer service if sewer service is affected. Contractor shall obtain permit prior to construction.
- Barriers and detour signage shall be in accordance with the Manual On Uniform Traffic Control Devices.
- Contractor shall not start work on the project until the project inspector is assigned to the project and is present on the site. Contractor shall not start on the project until all necessary bonds and permits have been obtained. Bonds may include but are not limited to Statutory, Performance & Maintenance Any work done without inspection will be required to be uncovered for inspection.
- 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 that, in the opinion of the Engineer, 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.
- All storm water sewer lines and appurtenances shall be installed in accordance with the most recent edition of City of Wichita, Kansas Standard Specifications for the Construction of City Projects unless otherwise noted.
- All storm water sewer lines shall be reinforced concrete pipe unless otherwise noted in the plans.
- See Landscape and Grading Plans for Groundwater Infiltration Pond Plans.



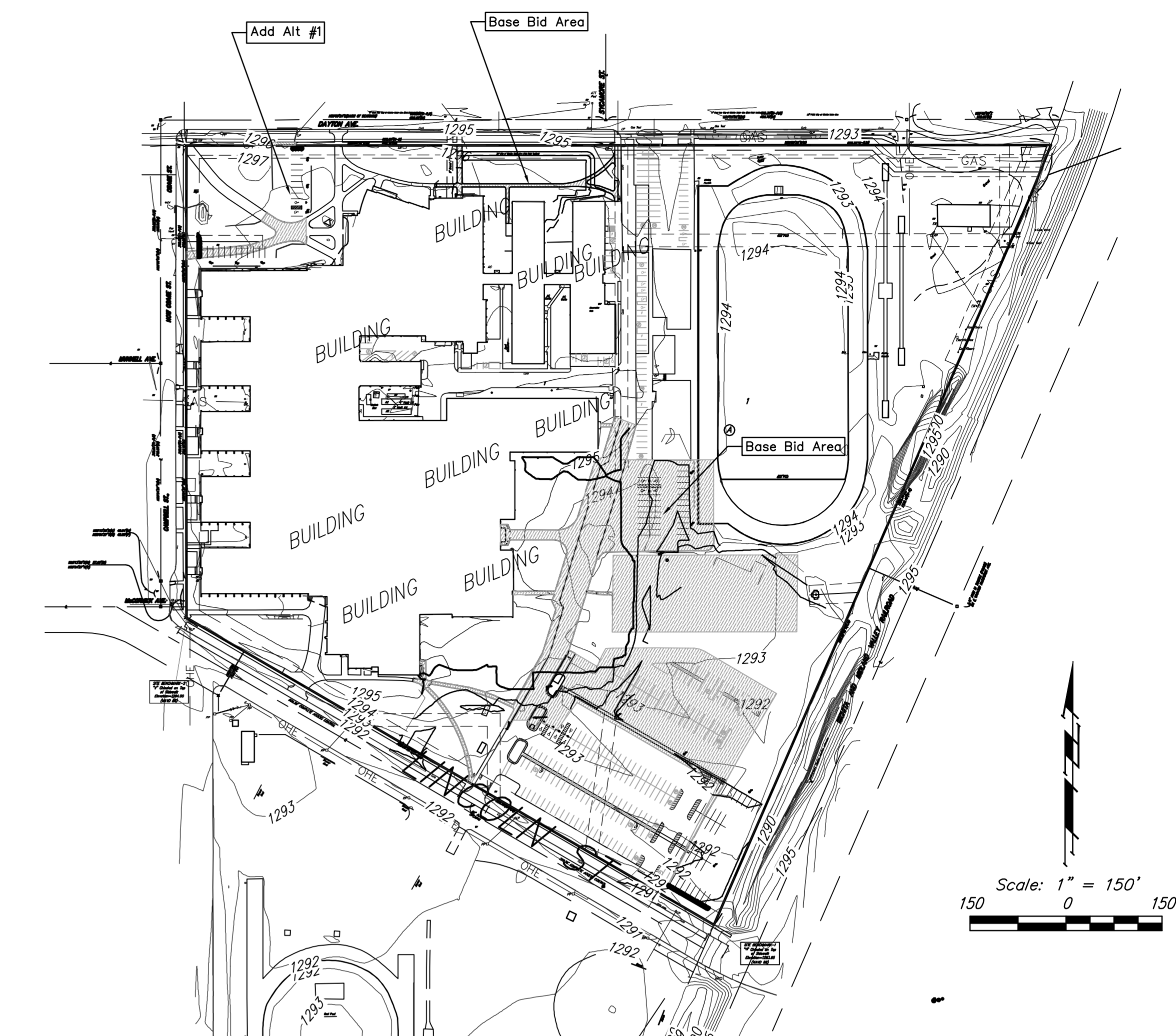
VICINITY MAP



Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-01
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE



ADDED IMPERVIOUS AREA



IMPERVIOUS AREA REMOVED

SITE INFORMATION

Total Disturbed Area (including Tennis Courts by others):	±283,615 sq. ft. (6.51 acres)
Base Construction Bid:	±1,126,676 sq. ft. (25.86 acres)
Total Area of Site:	±1,132,230 sq. ft. (3.04 acres)
Impervious Area removed:	±206,615 sq. ft. (4.74 acres)
New Impervious Area Added:	399 Stalls (17 ADA)
Existing parking stall count:	300 Stalls (18 ADA)
Proposed parking stall count:	Ex. to Remain: 220 Stalls (8 ADA)
	New Stalls Added: 80 Stalls (10 ADA)
	Net Loss: -99 Stalls (+1 ADA)
Add Alternate #1, Parking Lot:	
Total Disturbed Area:	± 20,068 sq. ft. (0.46 acres)
Impervious Area removed:	± 3,910 sq. ft. (0.09 acres)
New Impervious Area Added:	± 16,353 sq. ft. (0.38 acres)
Parking stall count:	23 (2 ADA)

ERU LEGEND

- = Project Limits
- = Impervious Area

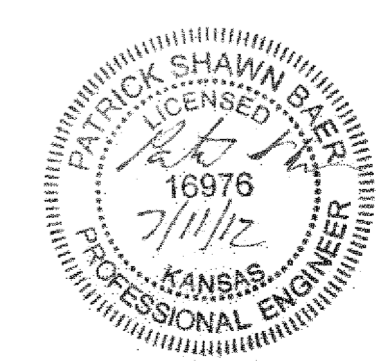
BENCHMARK

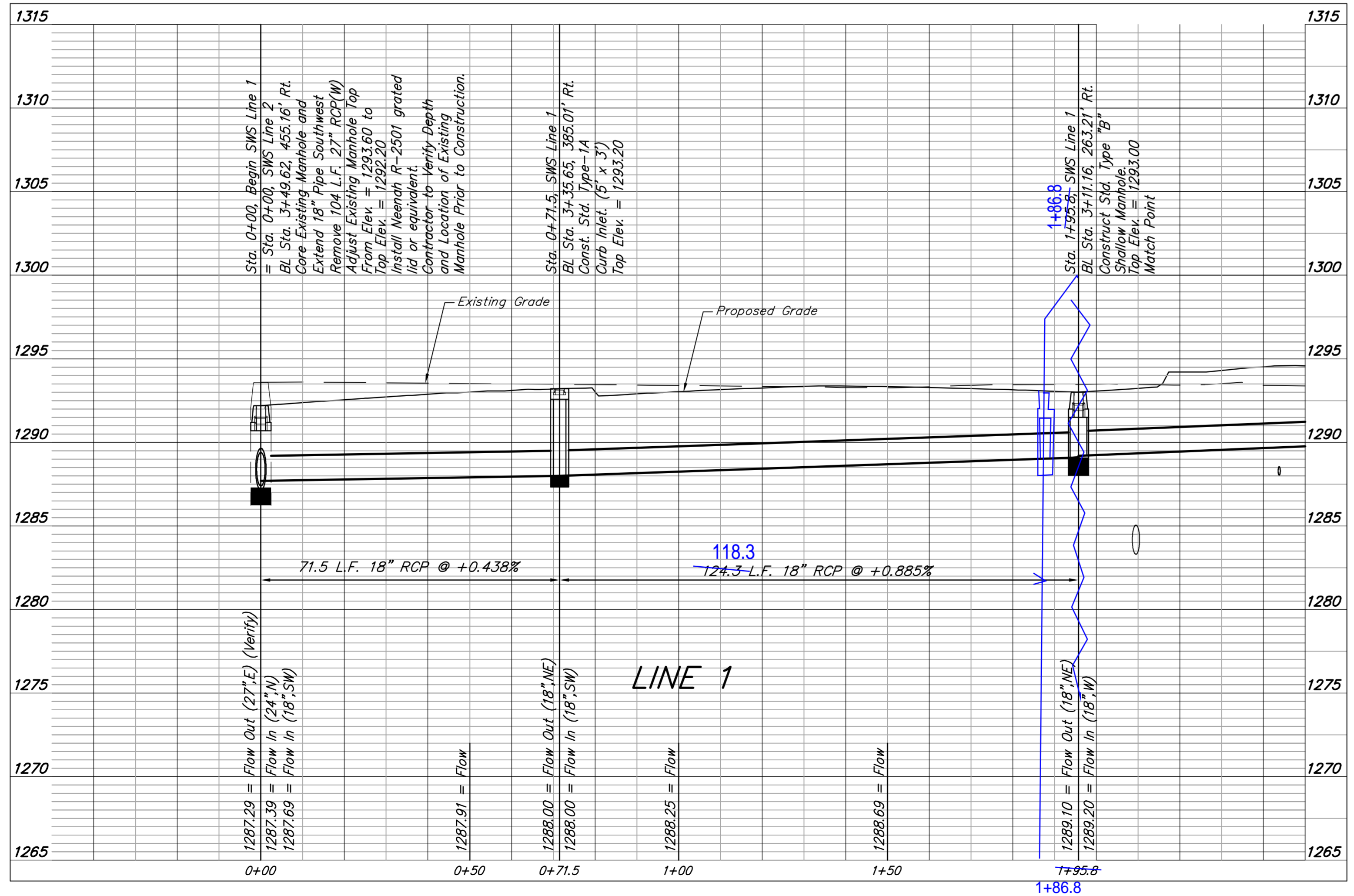
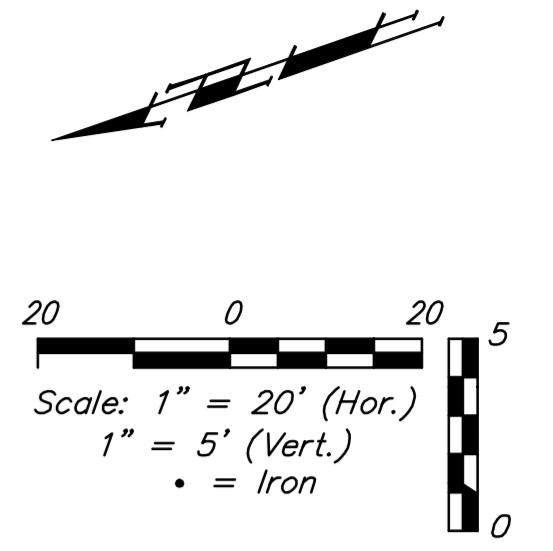
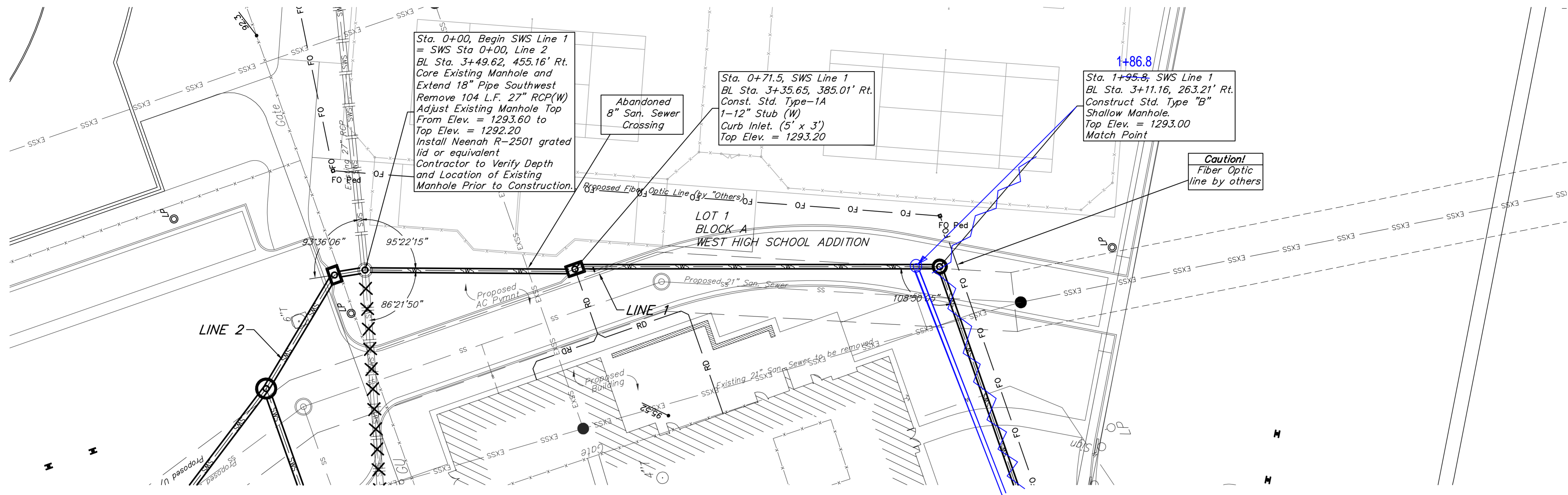
Benchmark #1 - "□" Chiseled on Top of Sidewalk
Elevation=1293.95 (NAVD 88)
Benchmark #2 - "V" Chiseled on Top of Sidewalk
Elevation=1294.00 (NAVD 88)

LEGAL DESCRIPTION

Part of Lot 1, Block A of West High School Addition, in Wichita, Sedgwick County, KS.

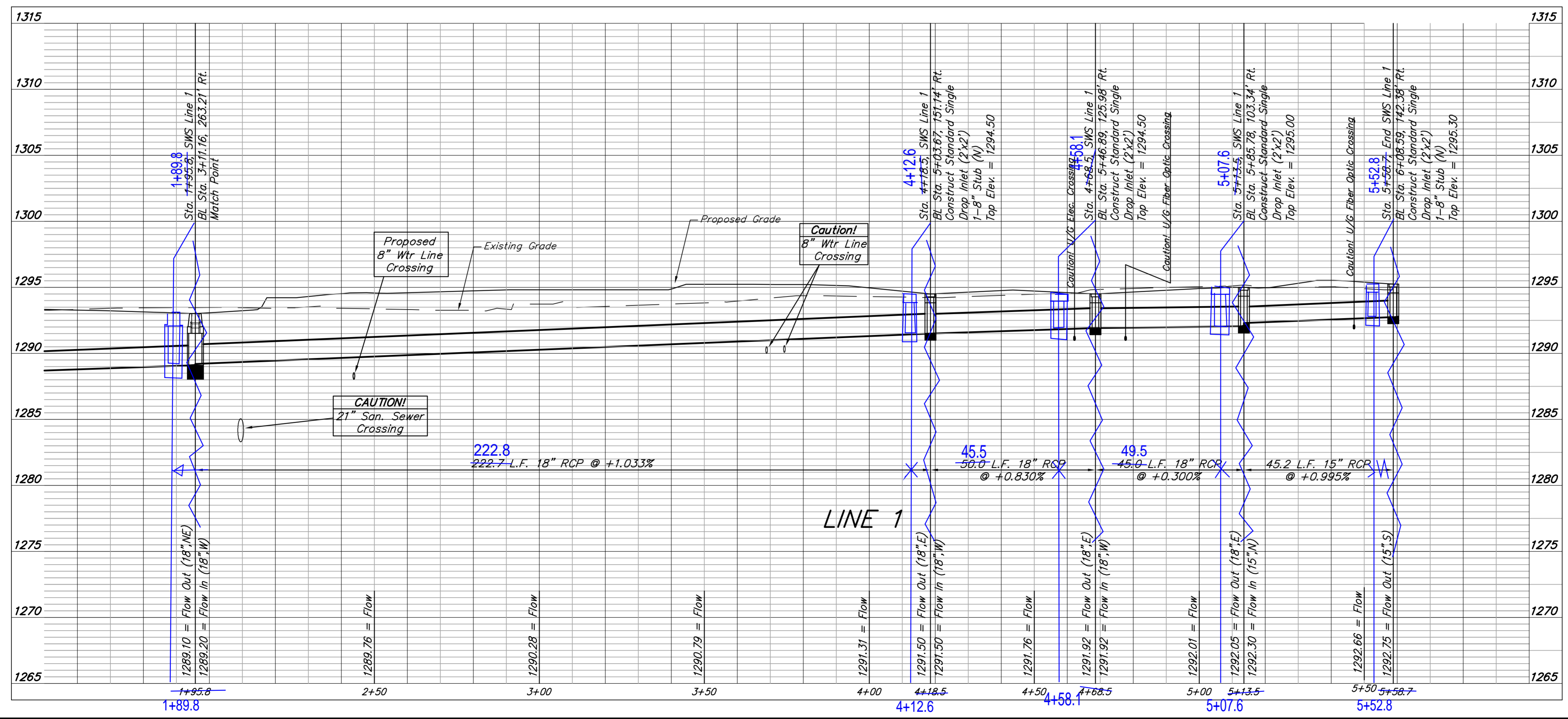
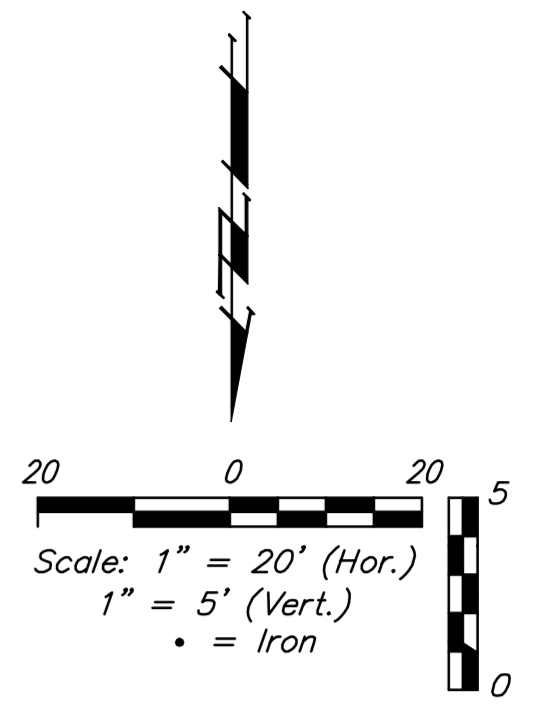
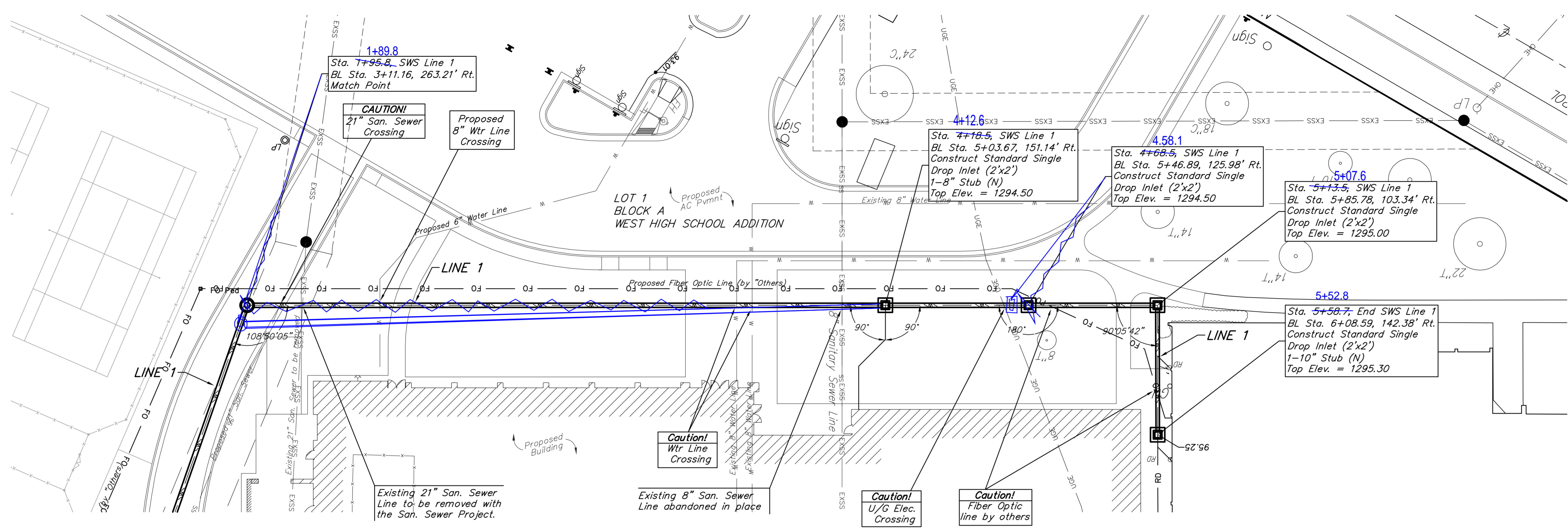
	USD 259 North High School	
	Wichita, Kansas	
<small>Baughman Company, P.A. 315 Elk St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE</small>		
PROJECT NUMBER 0068 PPD 607861	DESIGN PSB	DRAWN TNT
REVISIONS:	APPROVED PSB	DATE 4/18/2012
SCALE varies		SHEET 2 OF 15



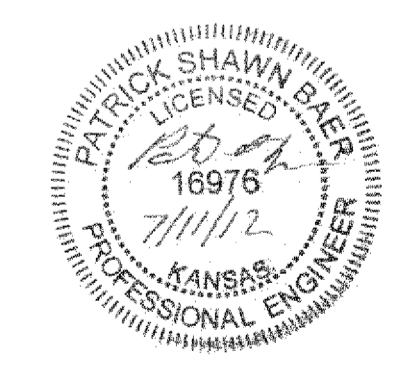
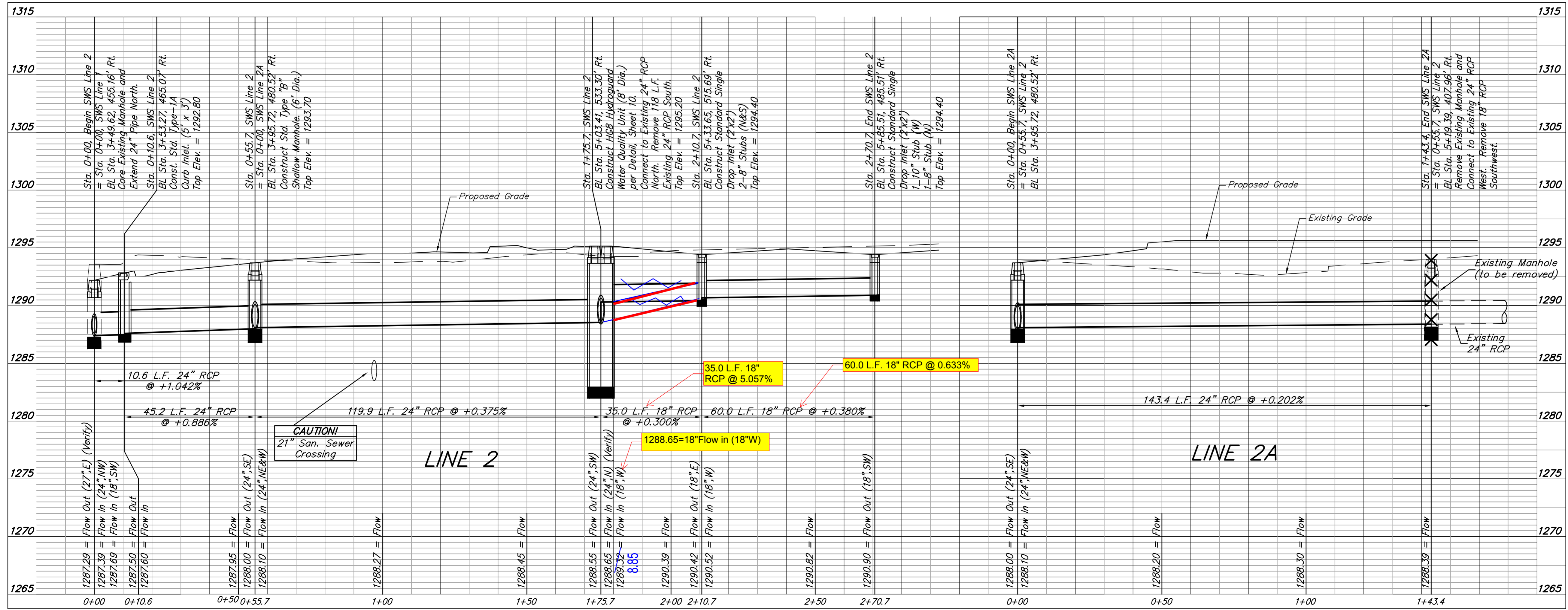
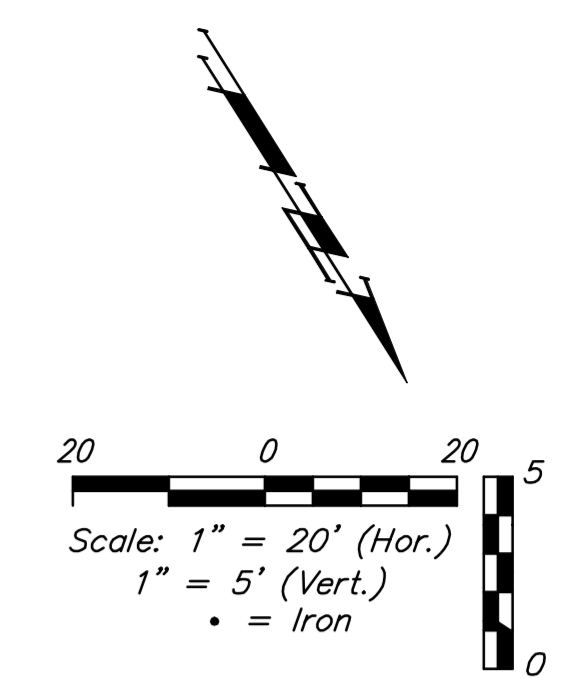
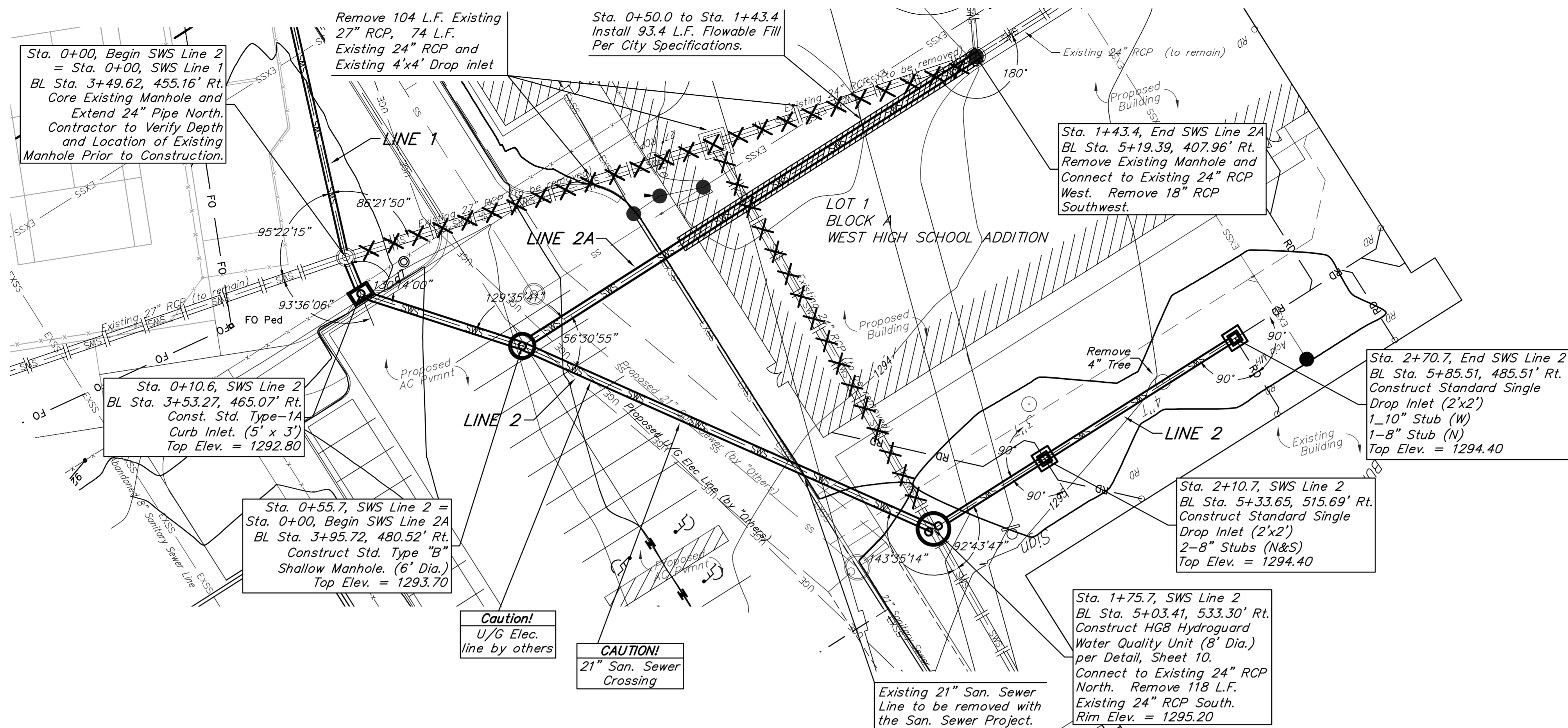


	USD 259 West High School	
	Line 1 Wichita, Kansas	
<small>Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE</small>		
<small>PROJECT NUMBER 00XX PPD 607853</small>	<small>DESIGN PSB</small>	<small>DRAWN JAK</small>
<small>REVISIONS:</small>	<small>APPROVED DATE 4/18/2012</small>	<small>SCALE varies</small>
		<small>SHEET</small> 3 OF 15

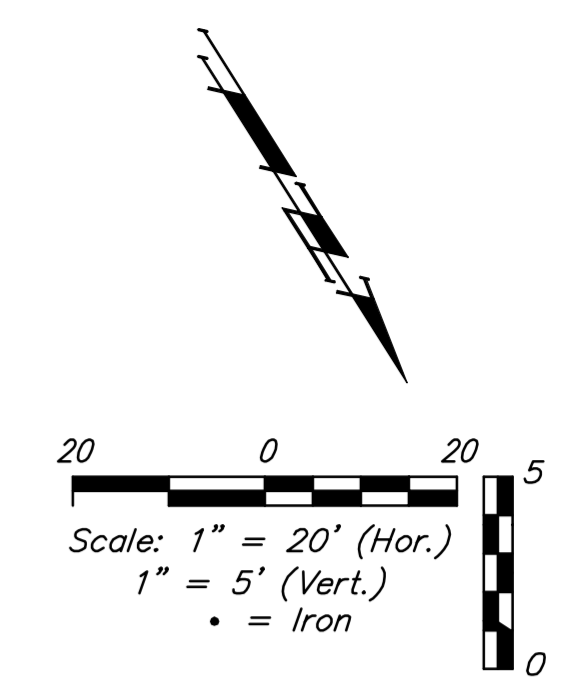
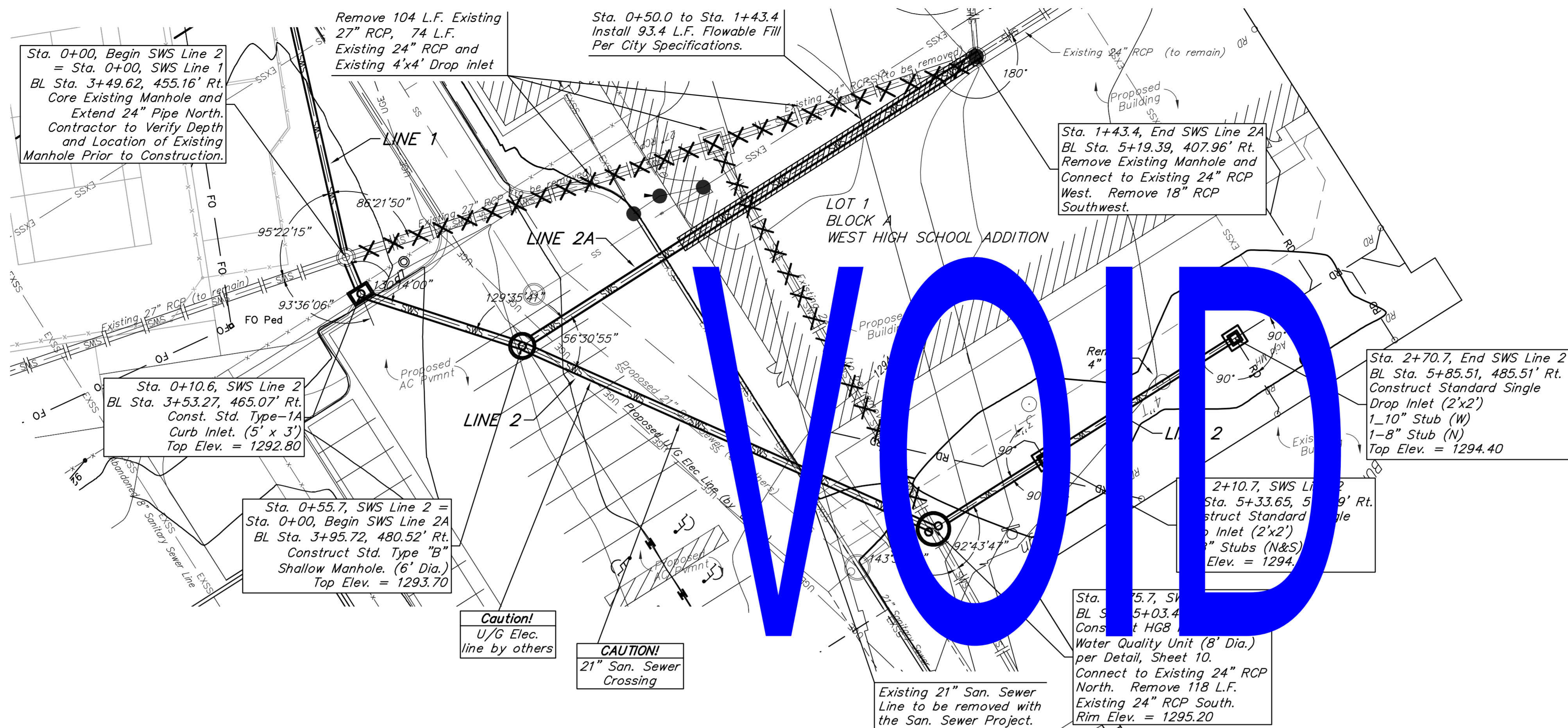




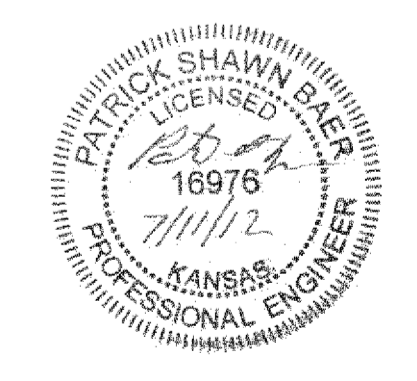
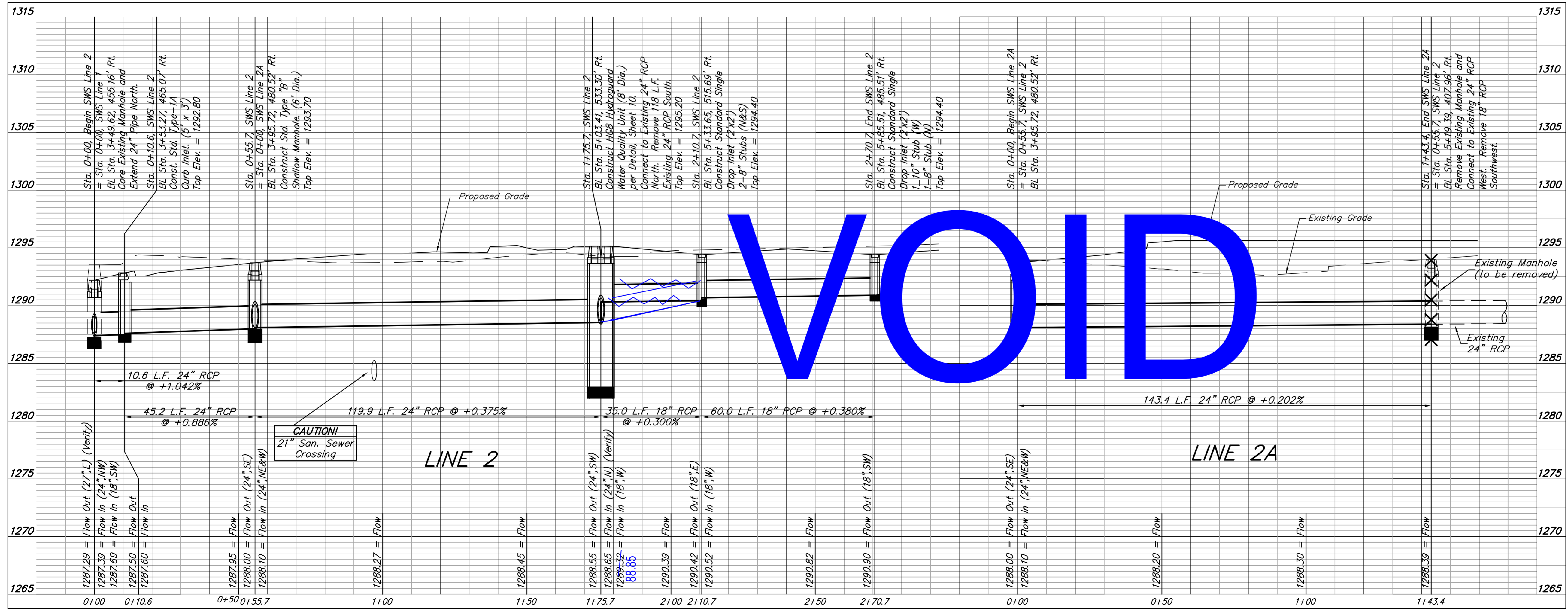
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	Line 1 Wichita, Kansas	
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<small>REVISIONS:</small>	<small>APPROVED Noted</small>	<small>DATE 4/18/2012</small>
<small>SCALE Noted</small>		<small>SHEET 4 OF 15</small>



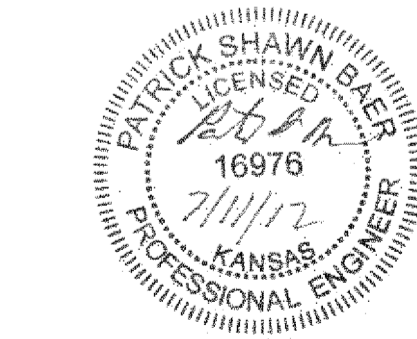
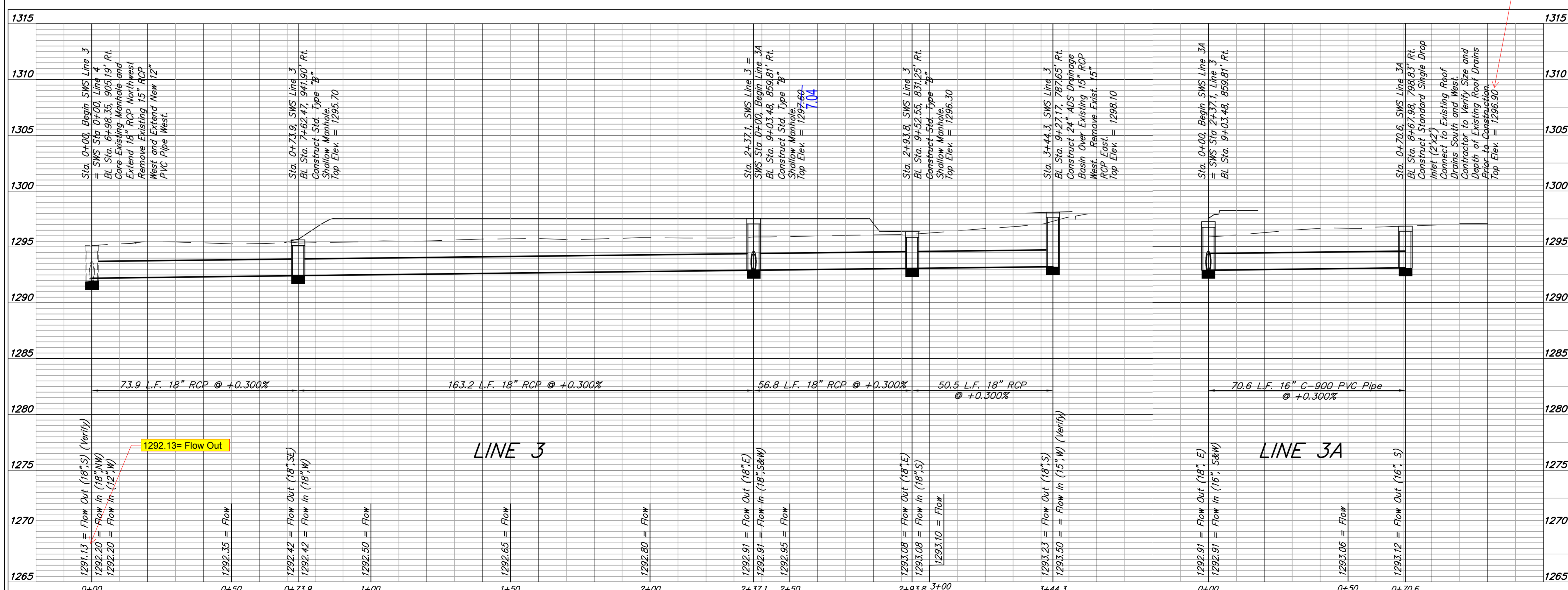
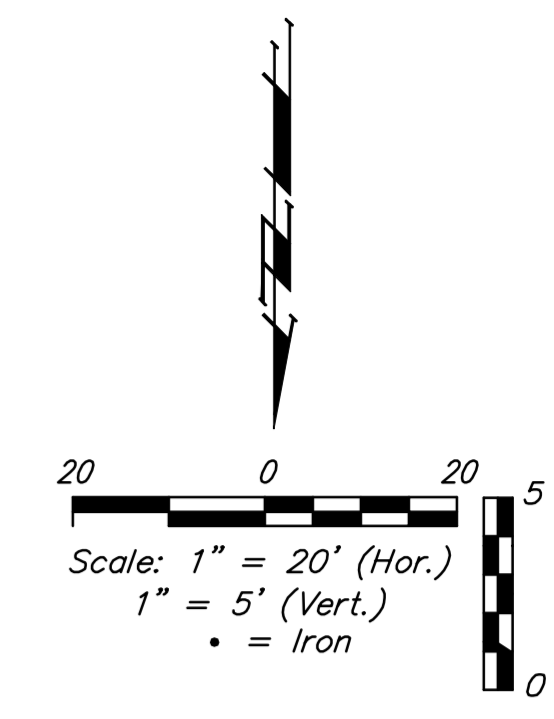
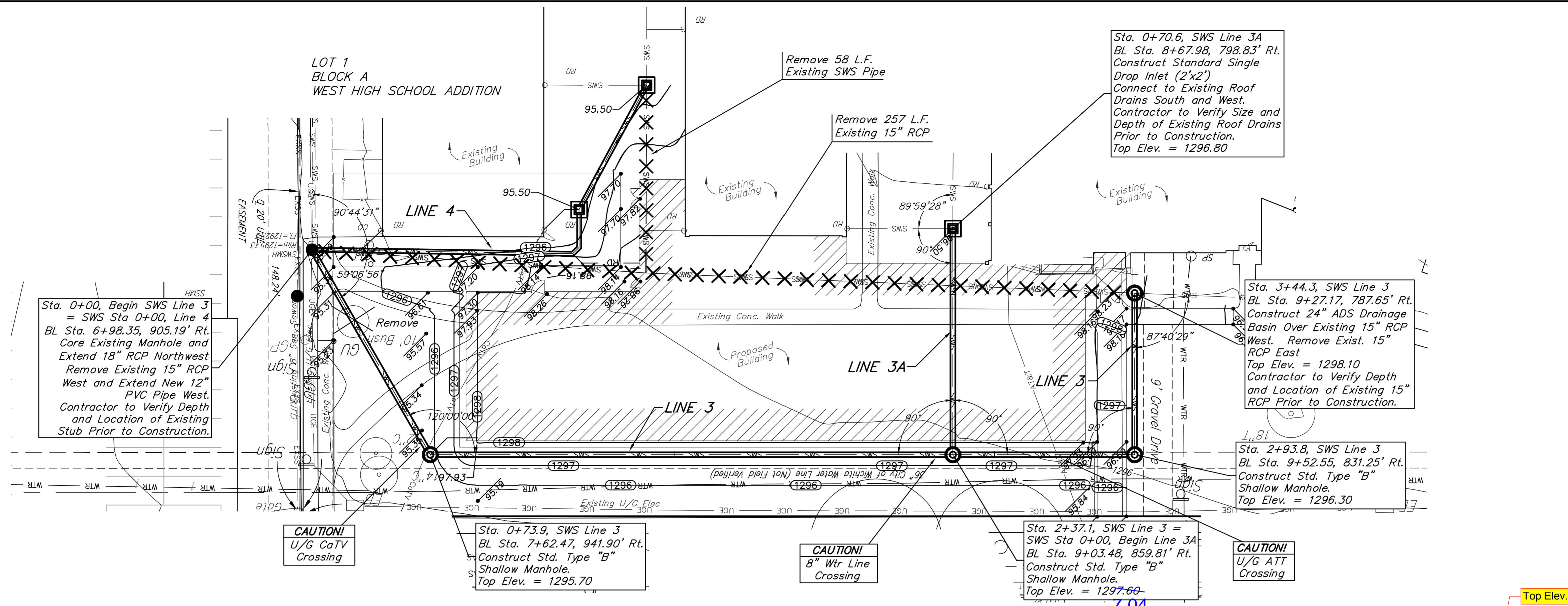
		USD 259 West High School Line 2 & Line 2A Wichita, Kansas	
		Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE	
PROJECT NUMBER 00XX PPD 6507853	DESIGN PSB	DRAWN JAK	DATE 4/18/2012
REVISIONS:	APPROVED	SCALE varies	SHEET 5 OF 15



VOID



	USD 259 West High School Line 2 & Line 2A Wichita, Kansas	
	Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.6148 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE	
PROJECT NUMBER 00XX PPD 6507853	DESIGN PSB	DRAWN JAK
REVISIONS:	APPROVED DATE 4/18/2012	SCALE varies
		SHEET 5 OF 15



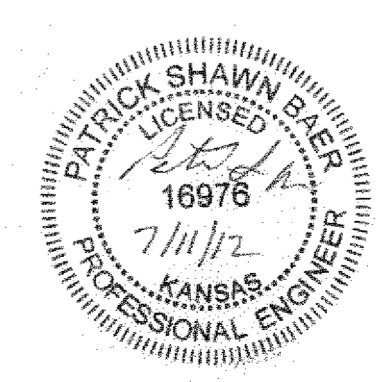
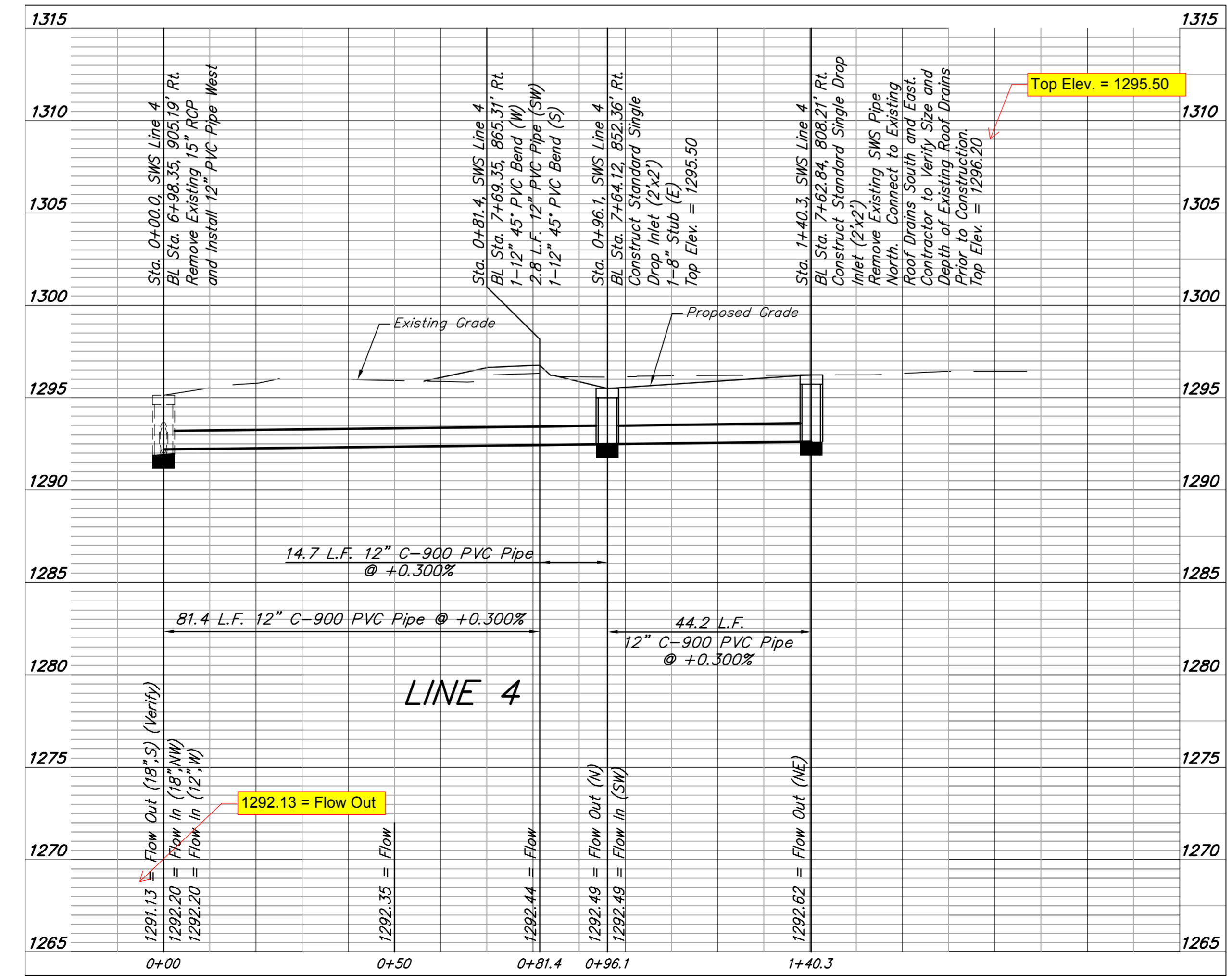
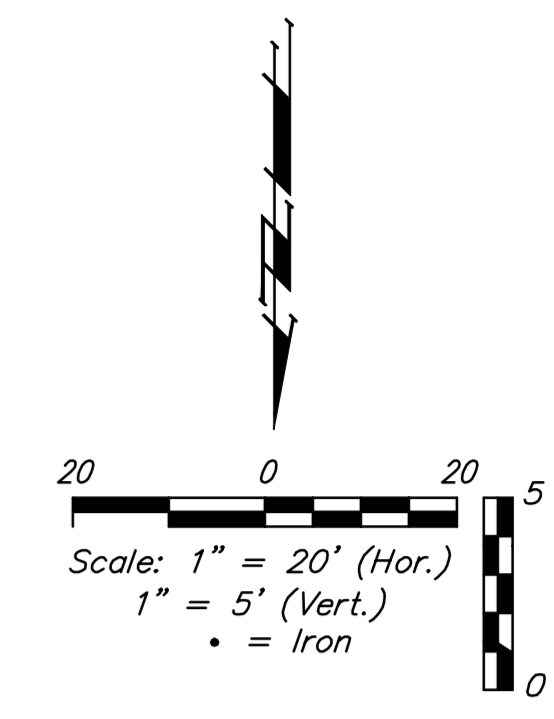
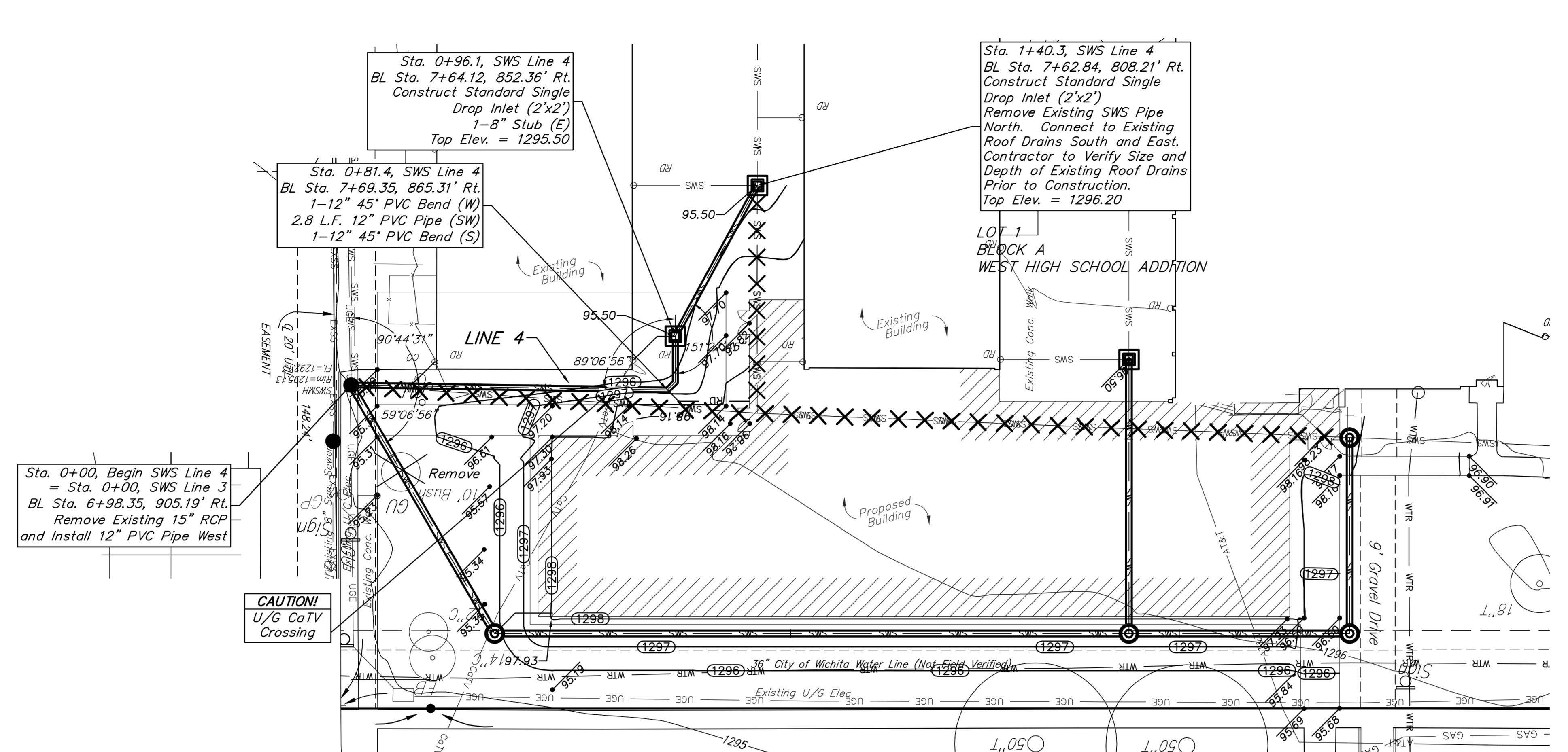
Baughman | USD 259 West High School
Line 3 & Line 3A
Wichita, Kansas

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.6148
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

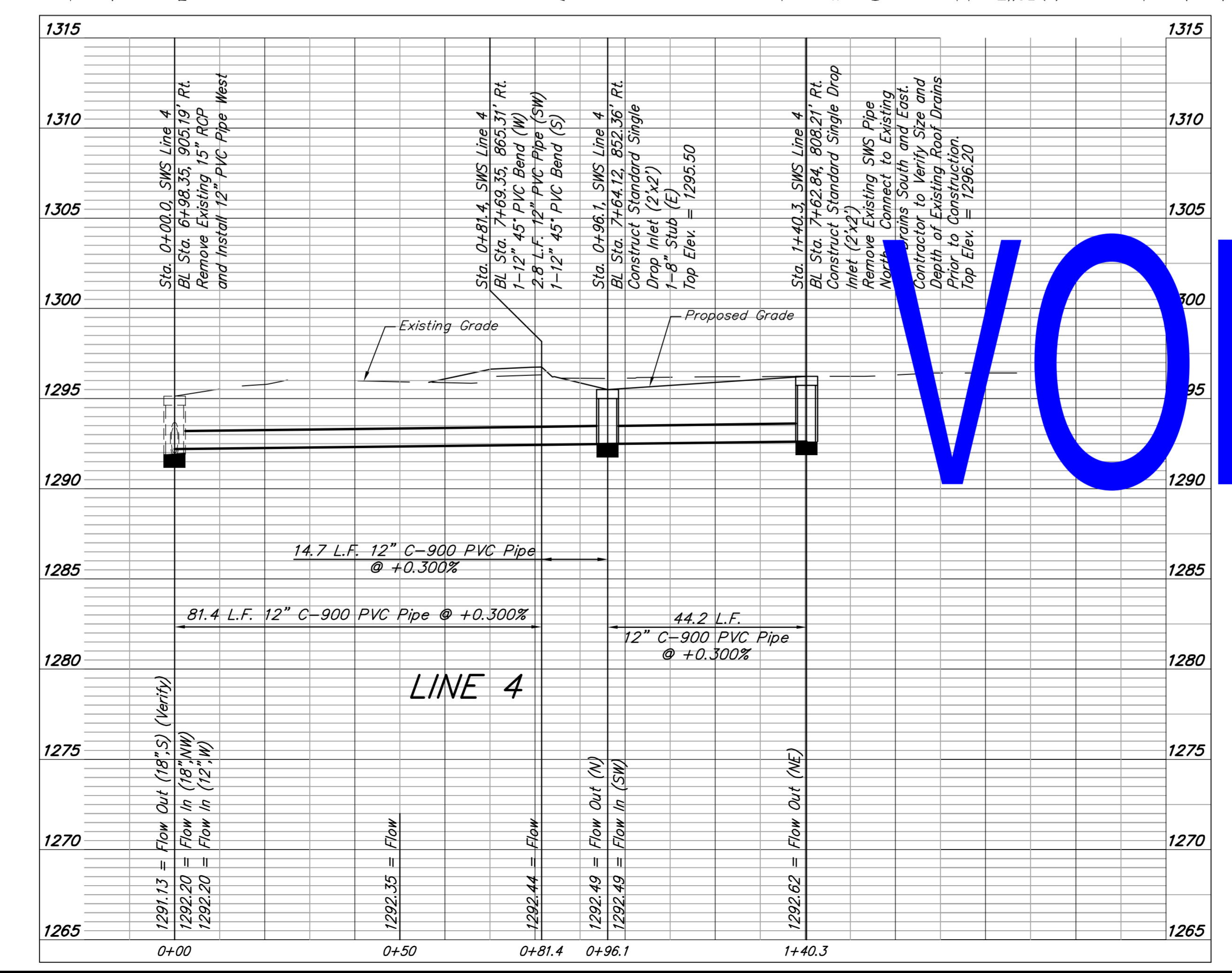
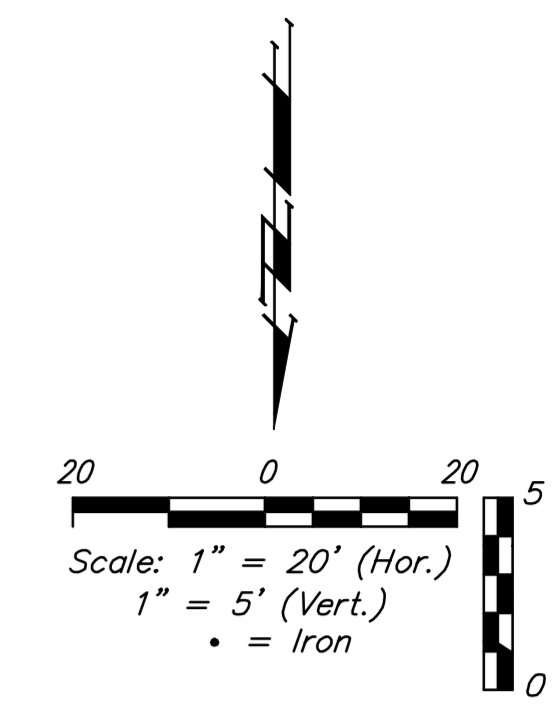
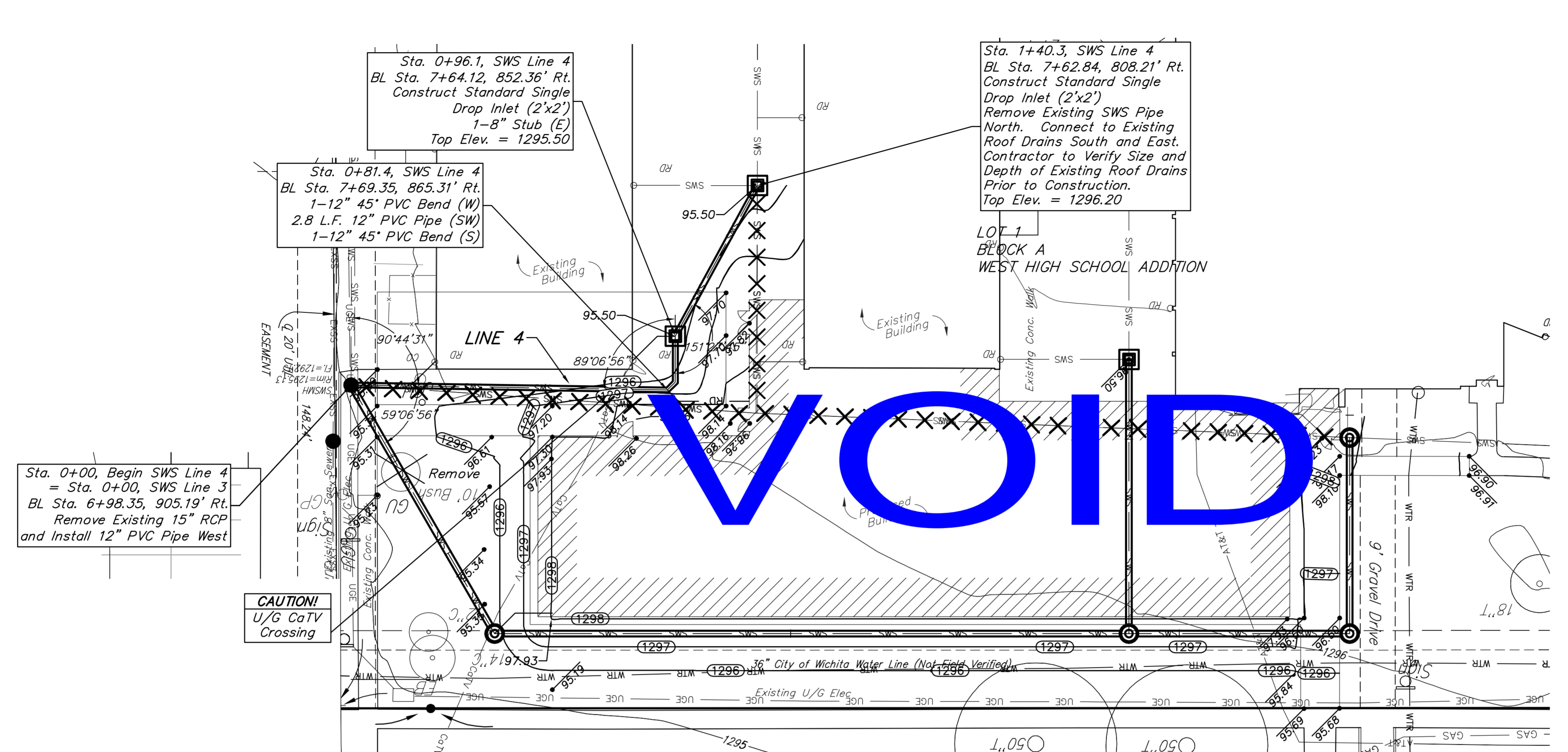
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APPROVED: [Signature]
DATE: 4/18/2012

REVISIONS:

SCALE: varies
SHEET: **6** OF **15**

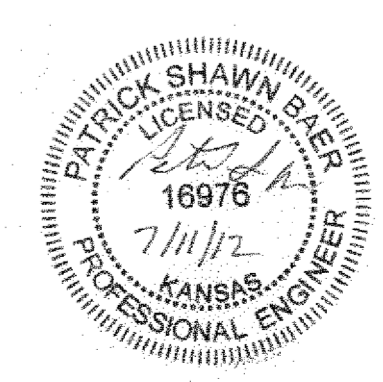


Baughman		USD 259 West High School	
		Line 4	
		Wichita, Kansas	
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE			
PROJECT NUMBER 00XX PPD 607853	DESIGN PSB	DRAWN JAK	
REVISIONS:	APPROVED	DATE 4/18/2012	
	SCALE varies		
	SHEET	7 OF 15	

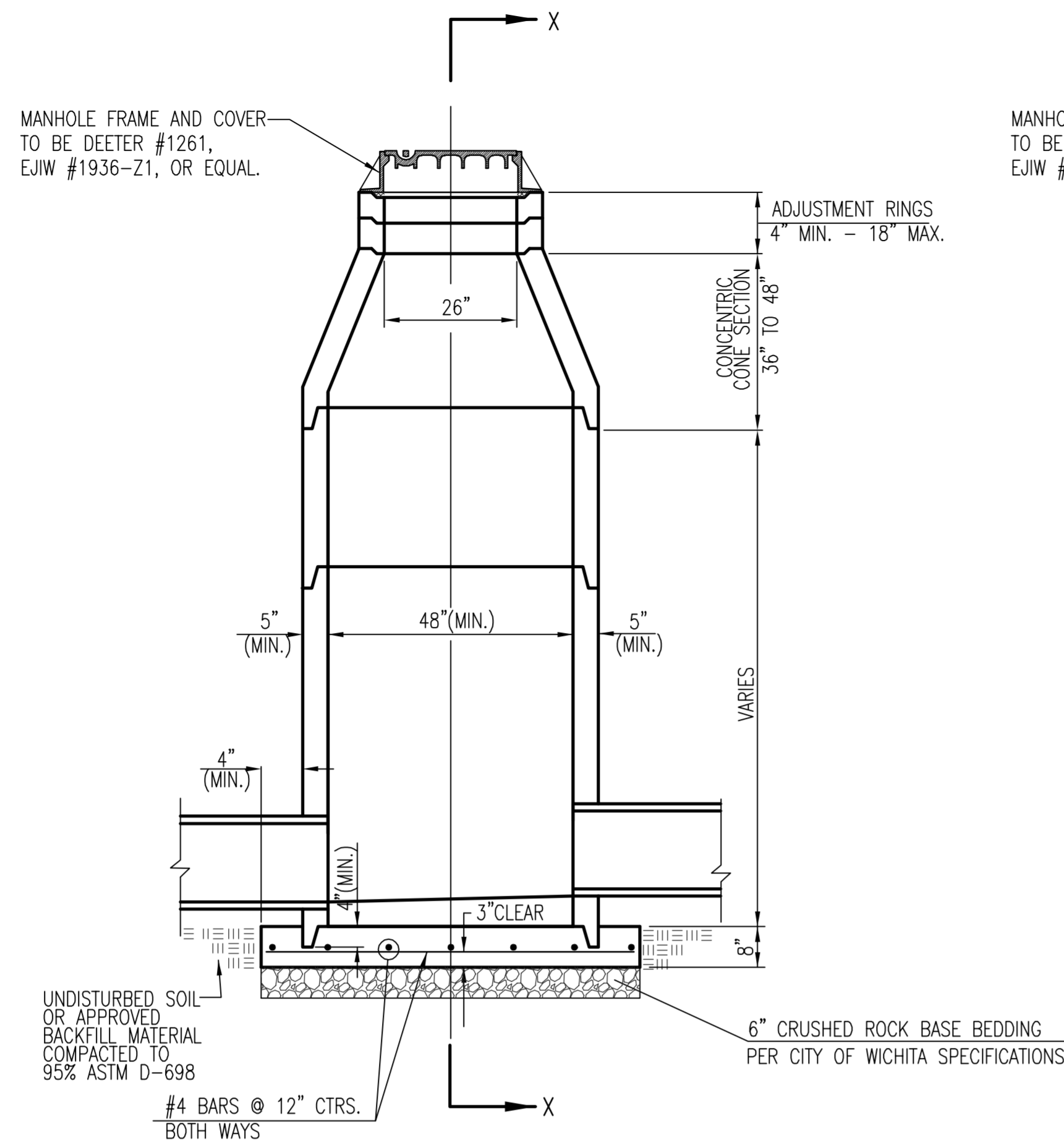


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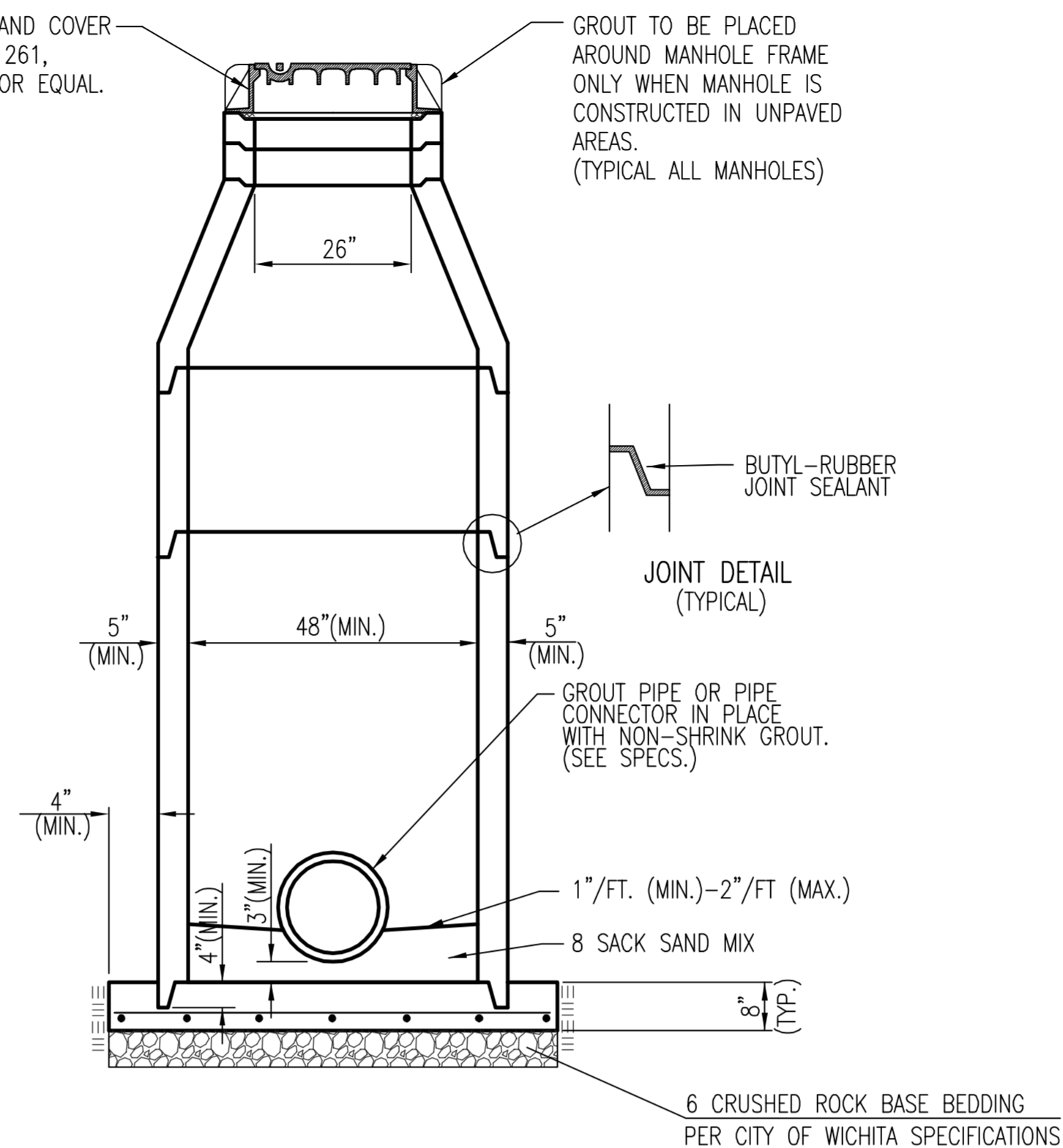
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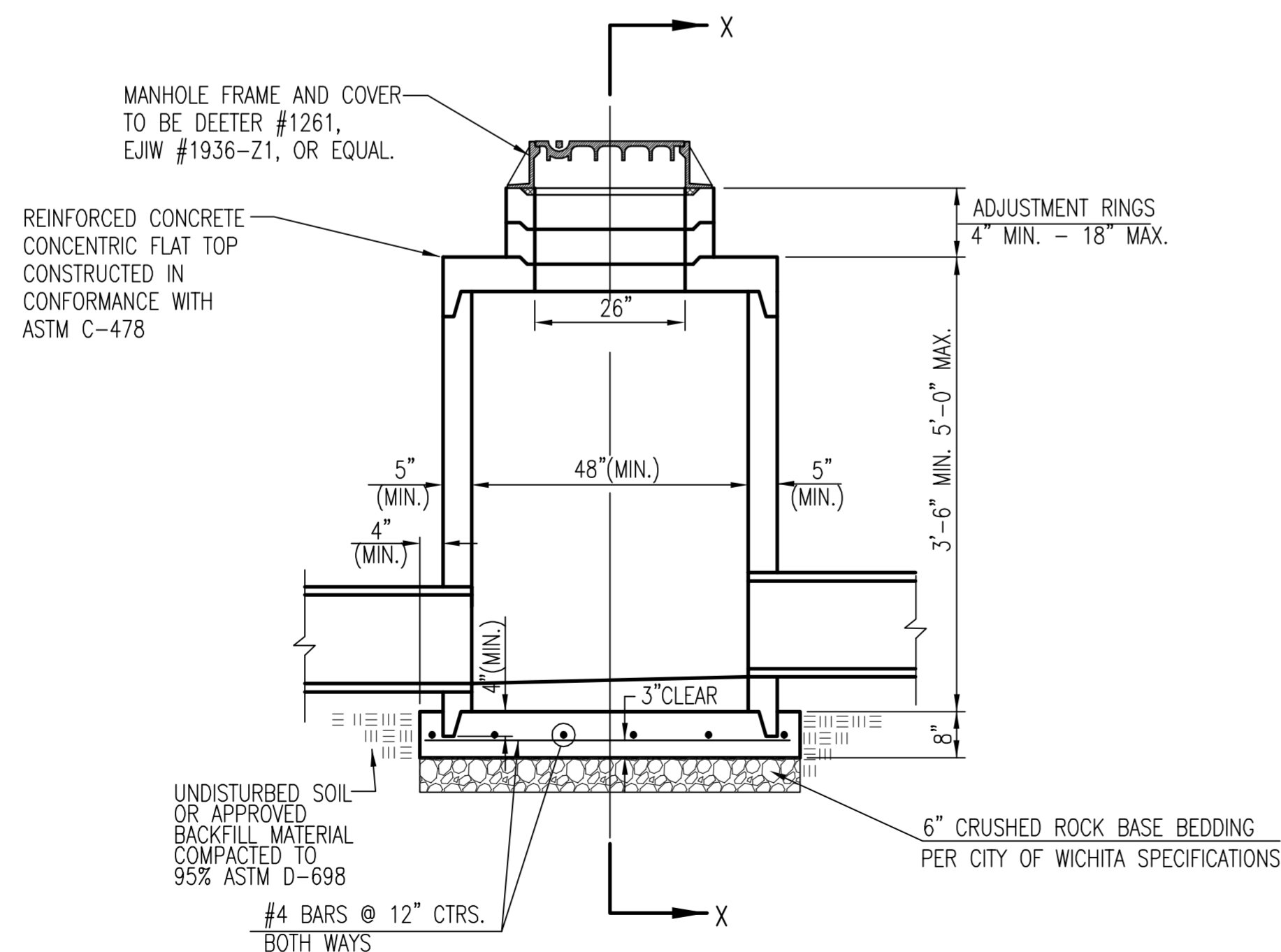
B Baughman		USD 259 West High School	
		Line 4 Wichita, Kansas	
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE			
PROJECT NUMBER 00XX PPD 607853		DESIGN PSB	DRAWN JAK
REVISIONS:		APPROVED	DATE 4/18/2012
		SCALE varies	SHEET 7 OF 15



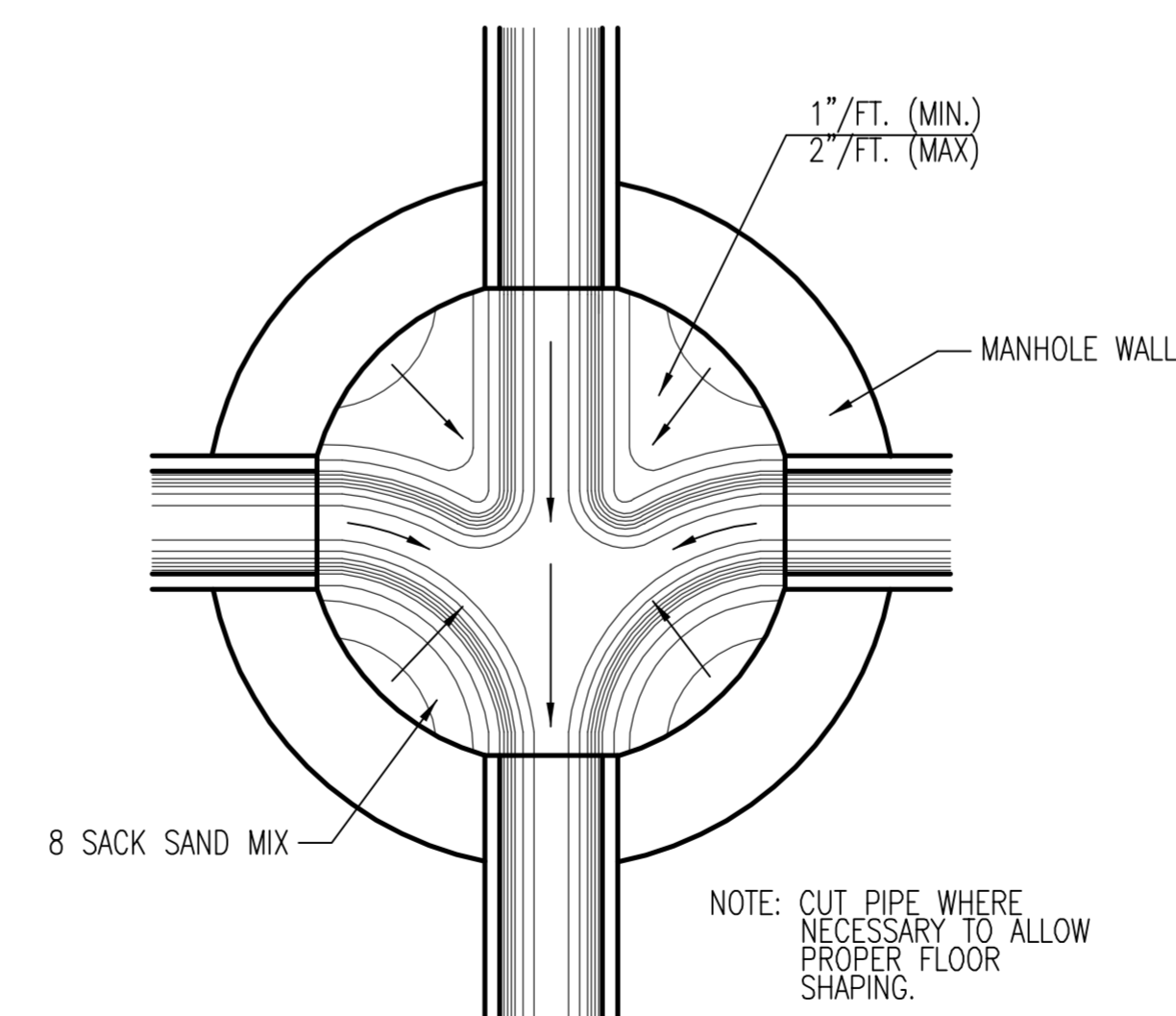
PRECAST
STANDARD MANHOLE
TYPE "A"



SECTION X-X
(TYPICAL)



PRECAST
SHALLOW MANHOLE
TYPE "B"



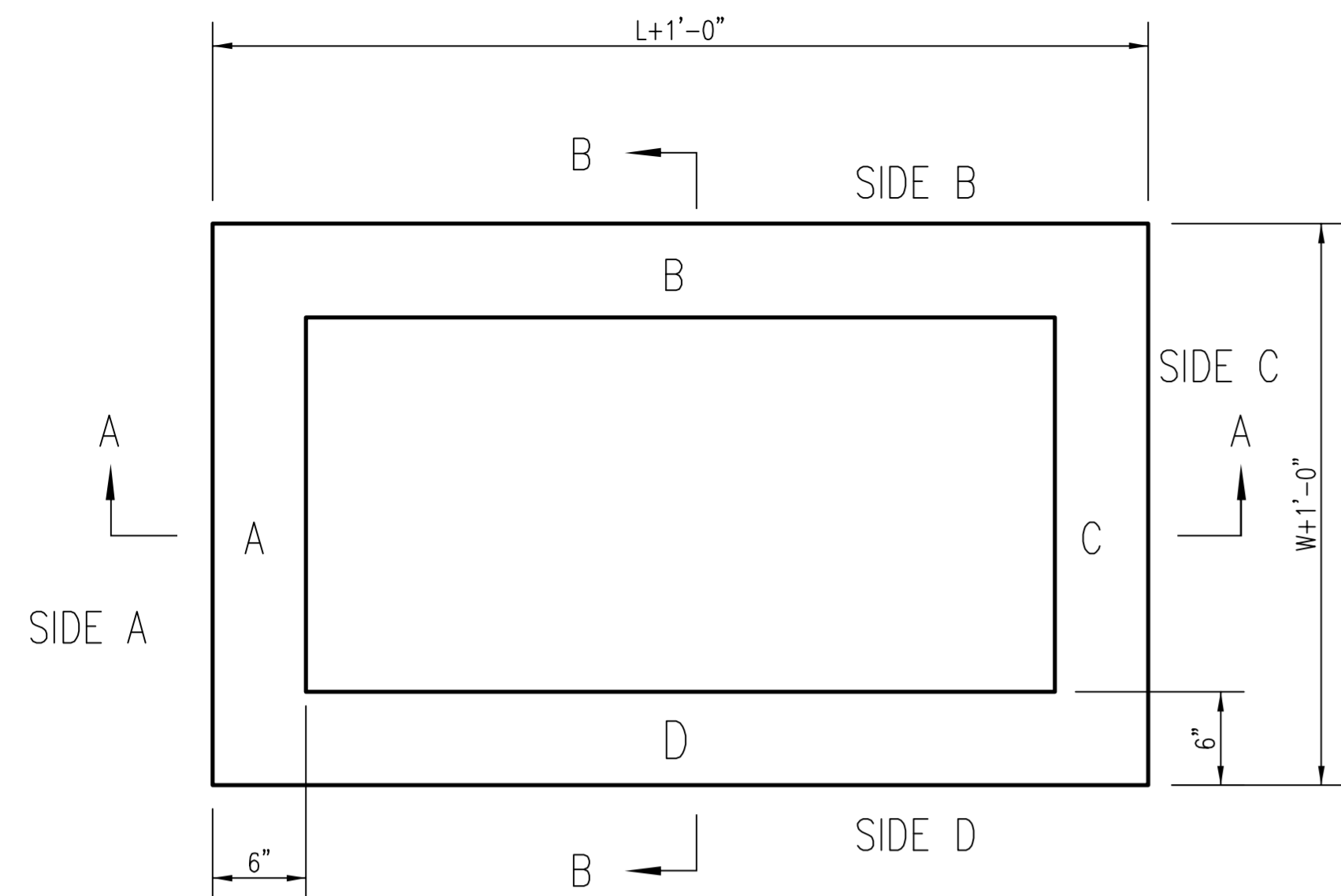
TYPICAL MANHOLE
FLOOR SHAPING

GENERAL NOTES

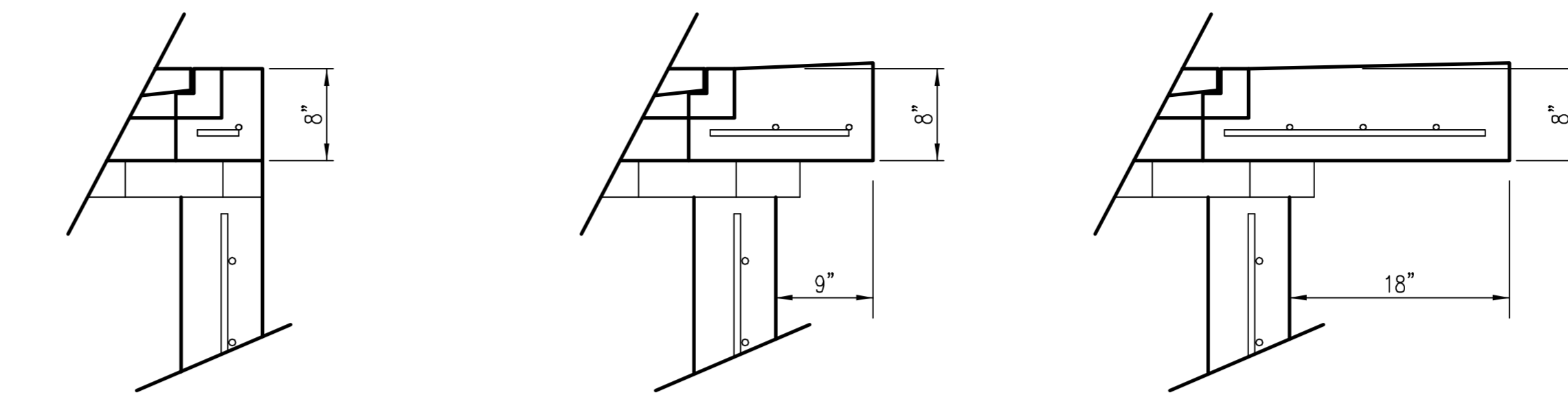
- IF, IN THE OPINION OF THE ENGINEER, THE MANHOLE SUBGRADE APPEARS UNSTABLE, THE CONTRACTOR WILL HAVE THE OPTION TO COMPACT SUBGRADE AS SHOWN OR INCREASE THE THICKNESS OF THE MANHOLE BASE AS DIRECTED BY THE ENGINEER.
- STEEL REINFORCING WILL BE REQUIRED IN ALL MANHOLE BASES.
- ALL MANHOLE CONSTRUCTION SHALL BE WATER TIGHT.
- TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISION OF ASTM C-478 AS MODIFIED BY THE SPECIFICATIONS.
- CONCRETE USED FOR MANHOLE CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
- PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO MANHOLE BASE.
- MANHOLES WITH PIPE SIZES 24" AND LARGER SHALL HAVE 5 FOOT INSIDE DIAMETER (MIN.).
- MANHOLES WITH PRECAST BASES MAY BE USED AT THE CONTRACTORS OPTION. THESE MANHOLES SHALL HAVE AN 8" MINIMUM BASE THICKNESS AND SHALL BE PLACED ON AN 8" MIN. CRUSHED ROCK BASE. PIPES SHALL BE ENCASED WITH CRUSHED ROCK TO AT LEAST 3 FEET FROM THE MANHOLE WALL.
- CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN MANHOLE WALL SHALL BE GROUTED FLUSH TO THE MANHOLE WALL WITH HYDRAULIC CEMENT AFTER THE MANHOLE IS IN PLACE. LIFTING HOLES THRU THE MANHOLE WALL WILL NOT BE ACCEPTED.
- THE ENDS OF ALL PIPES IN MANHOLES SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE MANHOLE WALL.
- MANHOLE INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE MANHOLE WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
- MANHOLE FRAME AND COVER TO BE DEETER #1261, EJIW #1936-Z1, OR APPROVED EQUAL, SEE SW-303.
- FOR FLAT GRATED INLET APPLICATION, GRATE TO BE DEETER #1933, EJIW #1205 MDI, OR APPROVED EQUAL.
- FOR BEEHIVE GRATE APPLICATION, GRATE TO BE DEETER #4495, EJIW #120545, OR APPROVED EQUAL.



PRECAST CONCRETE MANHOLE (STORM SEWER)			
CITY ENGINEER Gary Janzen, P.E. Interim City Engineer			
PROJECT NUMBER	OCA NUMBER	DATE 10/11	
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		DESIGN Staff	DRAWN Staff
			SHEET 8 of 15



TOP VIEW



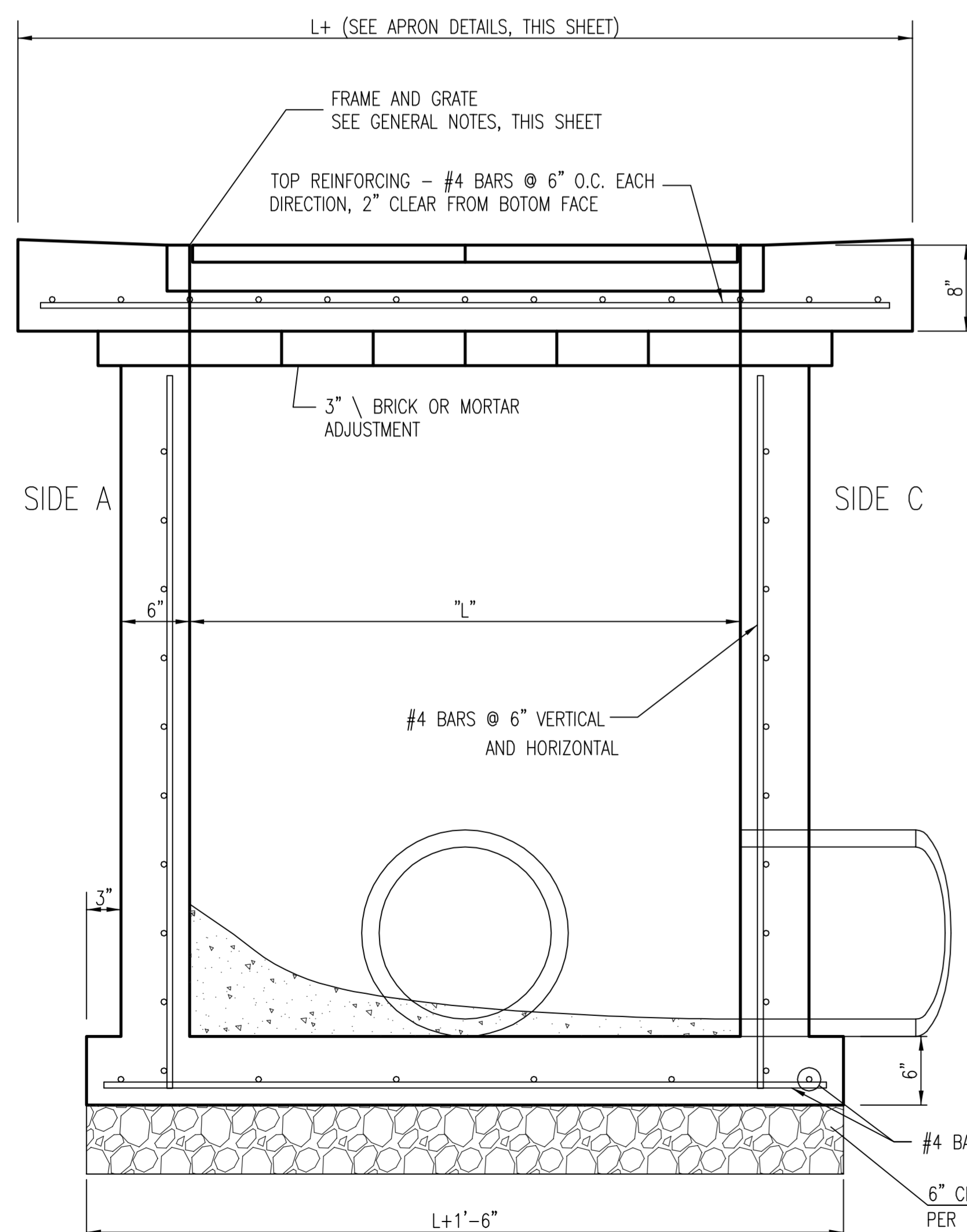
FLUSH STYLE TOP
NO APRON

9" APRON
* APRON TO EXTEND ON ALL 4 SIDES OF INLET.
DESIGNER TO DESIGNATE APRON SIZE.

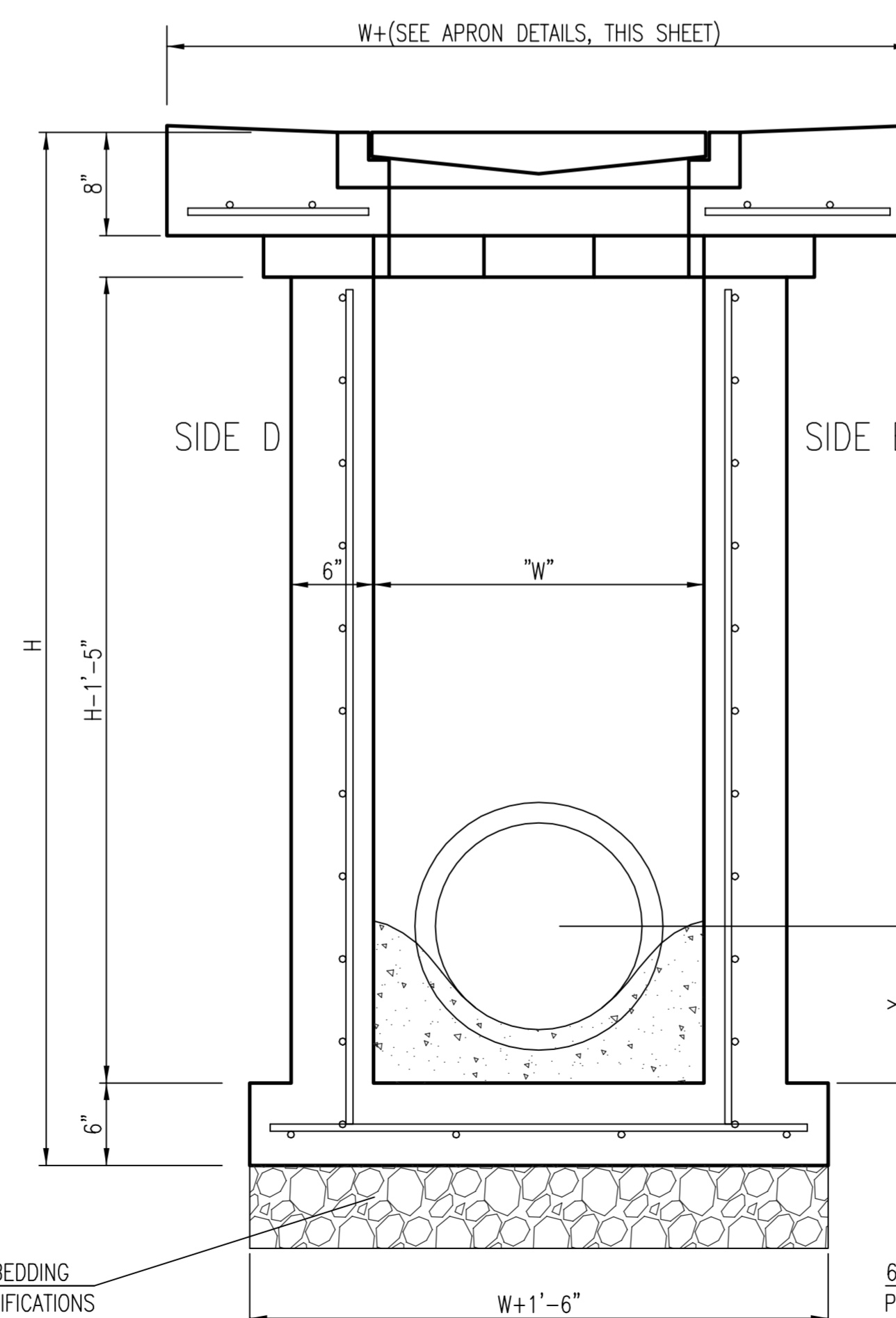
18" APRON

GENERAL NOTES

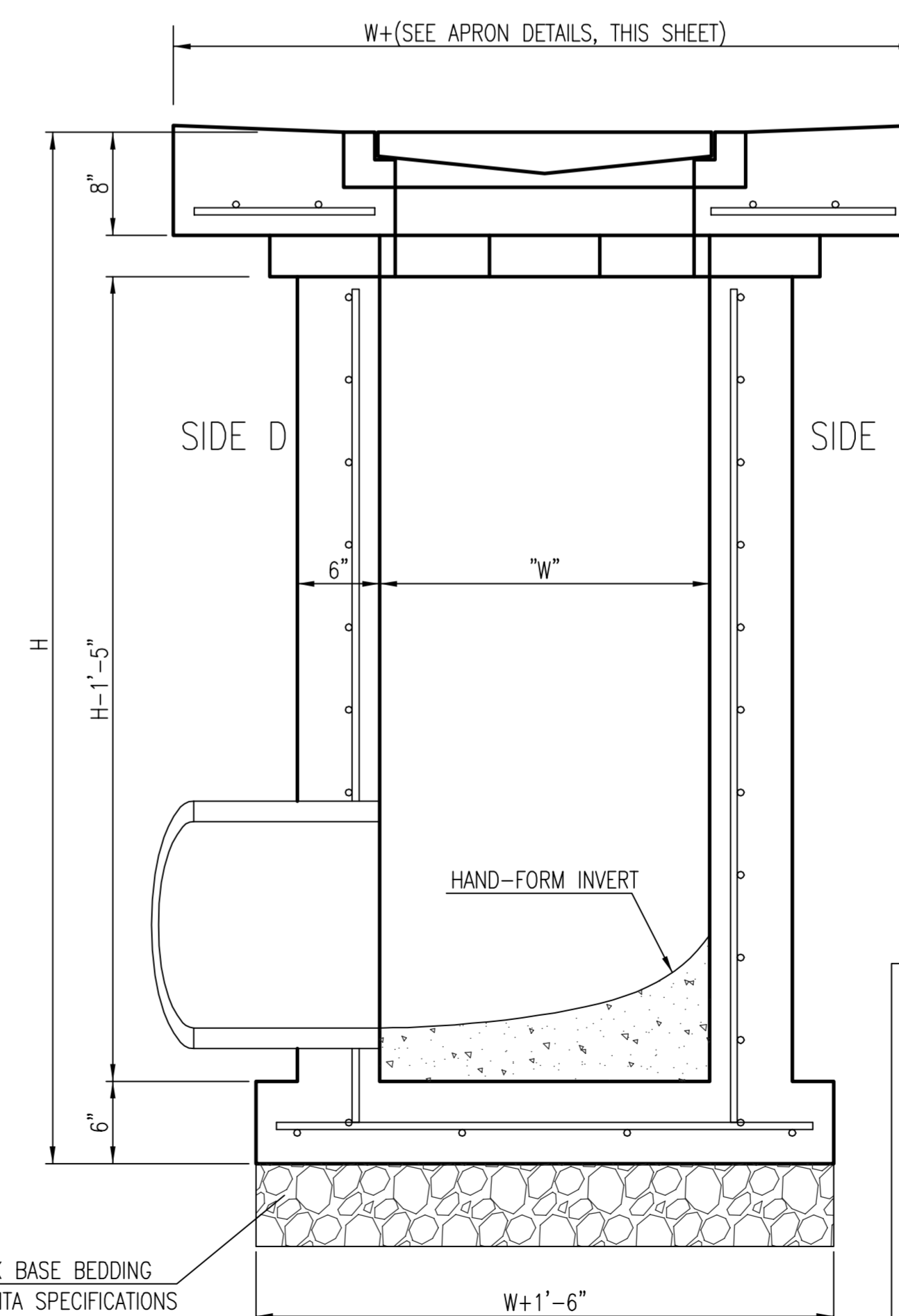
1. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
3. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
4. INLET FRAME AND GRATE TO BE DEETER #2433, EJIW #5391-Z1 OR APPROVED EQUAL FOR 2'x2' SINGLE DROP INLET AND DEETER #2434, EJIW #5391 Z3 OR APPROVED EQUAL FOR 2'x4' DOUBLE DROP INLET.
5. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUTED FLUSH TO THE INLET WALL WITH HYDRAULIC CEMENT AFTER THE INLET IS IN PLACE. LIFTING HOLES THRU THE INLET WALL WILL NOT BE ACCEPTED.



SECTION "A-A"



SECTION "B-B"
END OUTLET

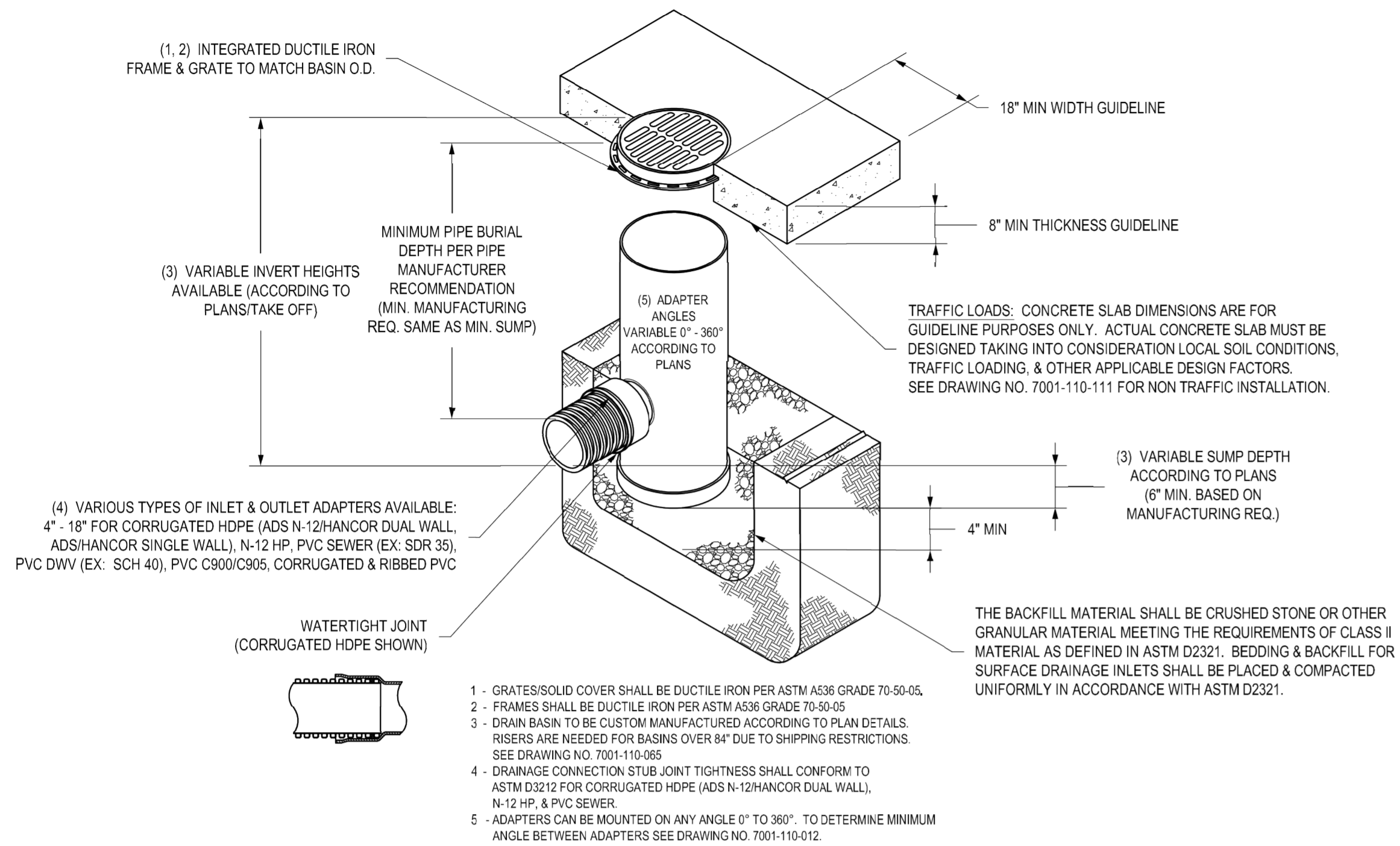


SECTION "B-B"
SIDE OUTLET



SINGLE/DOUBLE DROP INLET		
CITY ENGINEER Gary Janzen, P.E. Interim City Engineer		
PROJECT NUMBER 00XX PPD 607853	OCA NUMBER	DATE 10/11
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		DESIGN Staff
		DRAWN Staff
		SHEET 9 of 15

NYLOPLAST 18" DRAIN BASIN: 2818AG __X



GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTRIAN	MEETS H-10	1899CGP	7001-110-212
STANDARD	MEETS H-20	1899CGS	7001-110-213
SOLID COVER	MEETS H-20	1899CGG	7001-110-214
DOME	N/A	1899CGD	7001-110-215
DROP IN GRATE	LIGHT DUTY	1801DI	7001-110-074

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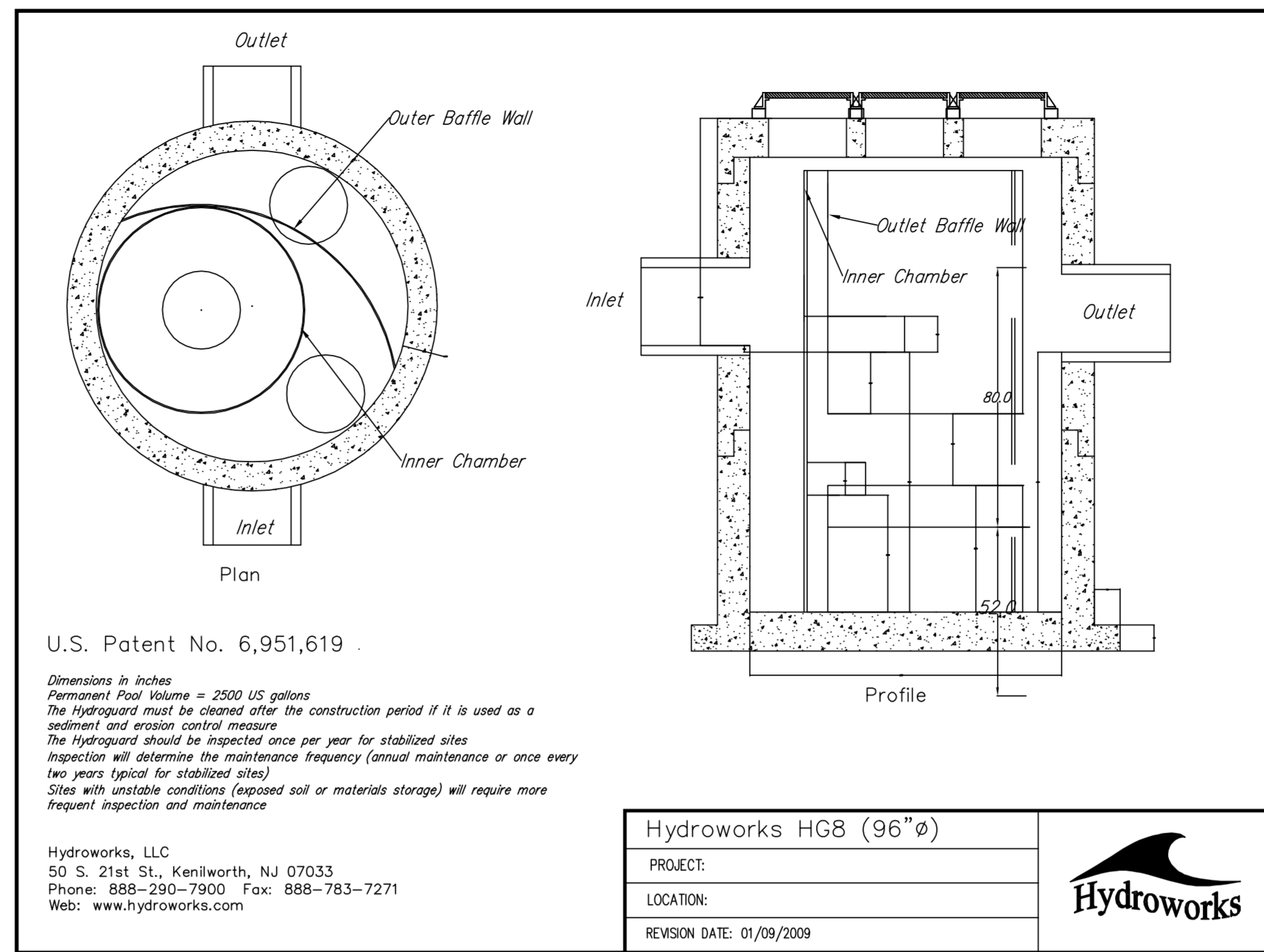
DRAWN BY	EBC	MATERIAL			
DATE	4-3-06				
REVISED BY	EBC	PROJECT NO./NAME			
DATE	3-10-10				
DWG SIZE	A <th>SCALE</th> <td>1:30 <th>SHEET</th> <td>1 OF 1 </td></td>	SCALE	1:30 <th>SHEET</th> <td>1 OF 1 </td>	SHEET	1 OF 1

3130 VERONA AVE
 BUFORD, GA 30518
 PHN (770) 932-2443
 FAX (770) 932-2490
 www.nyloplast-us.com

Nyloplast

18 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL

DWG NO. 7001-110-191 REV C




U.S. Patent No. 6,951,619

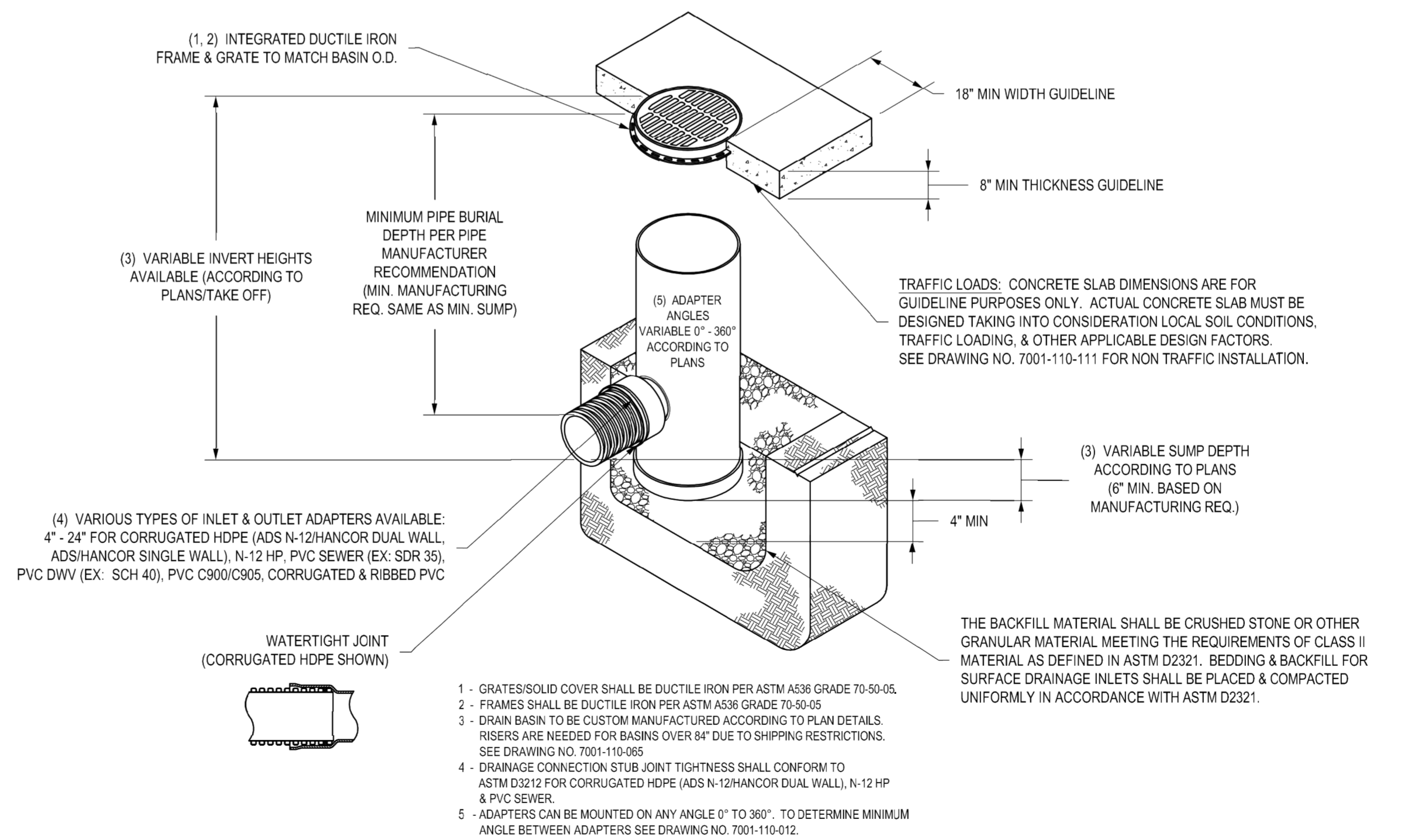
Dimensions in inches
 Permanent Pool Volume = 2500 US gallons
 The Hydroguard must be cleaned after the construction period if it is used as a sediment and erosion control measure.
 The Hydroguard should be inspected once per year for stabilized sites.
 Inspection will determine the maintenance frequency (annual maintenance or once every two years typical for stabilized sites).
 Sites with unstable conditions (exposed soil or materials storage) will require more frequent inspection and maintenance.

Hydroworks, LLC
 50 S. 21st St., Kenilworth, NJ 07033
 Phone: 888-290-7900 Fax: 888-783-7271
 Web: www.hydroworks.com

Hydroworks HG8 (96"Ø)	
PROJECT:	
LOCATION:	
REVISION DATE:	01/09/2009



NYLOPLAST 24" DRAIN BASIN: 2824AG __X



GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTRIAN	MEETS H-10	2499CGP	7001-110-216
STANDARD	MEETS H-20	2499CGS	7001-110-217
SOLID COVER	MEETS H-20	2499CGG	7001-110-218
DOME	N/A	2499CGD	7001-110-219
DROP IN GRATE	LIGHT DUTY	2401DI	7001-110-075

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DRAWN BY	EBC	MATERIAL			
DATE	4-3-06				
REVISED BY	EBC	PROJECT NO./NAME			
DATE	3-11-10				
DWG SIZE	A <th>SCALE</th> <td>1:40 <th>SHEET</th> <td>1 OF 1 </td></td>	SCALE	1:40 <th>SHEET</th> <td>1 OF 1 </td>	SHEET	1 OF 1

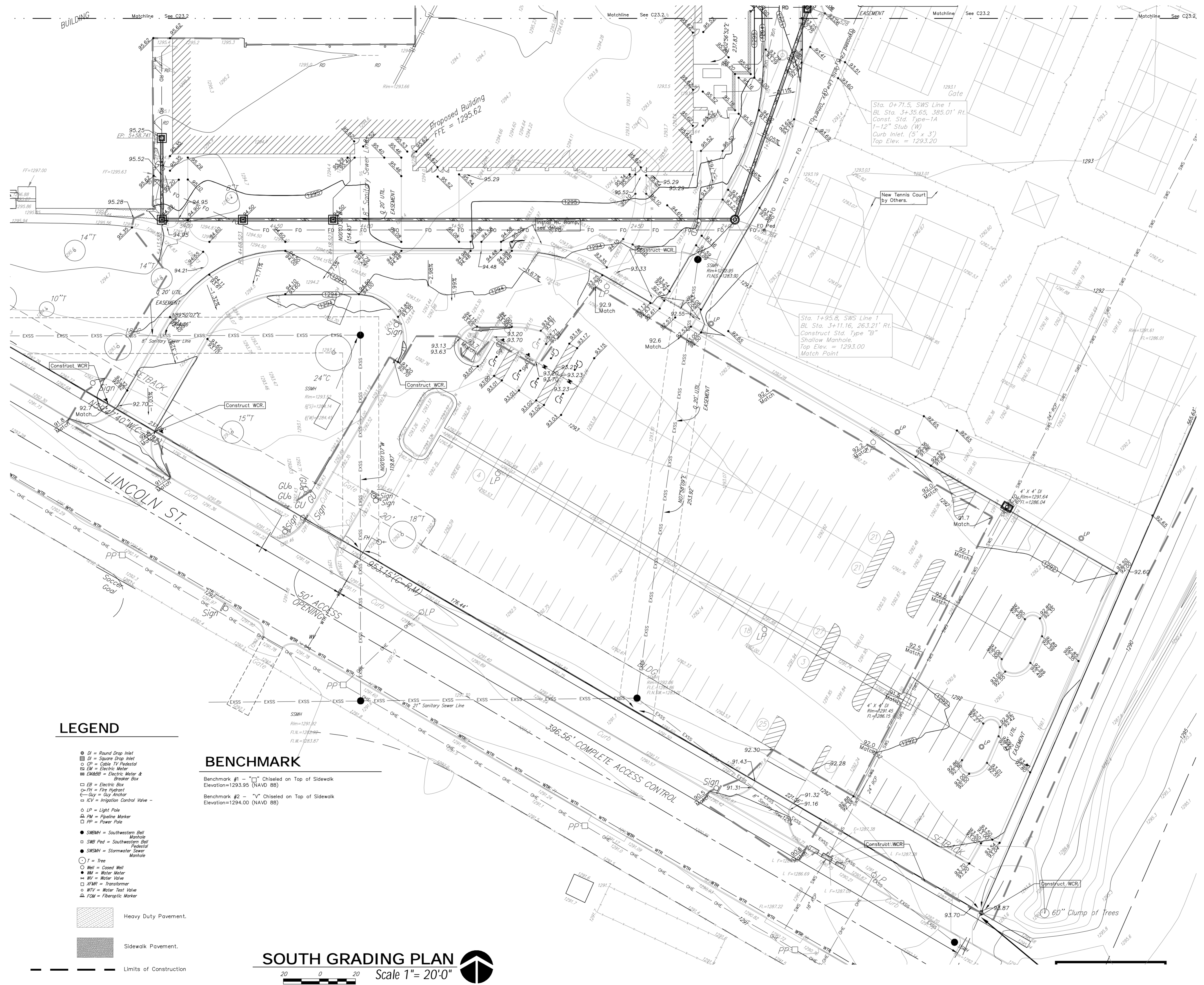
3130 VERONA AVE
 BUFORD, GA 30518
 PHN (770) 932-2443
 FAX (770) 932-2490
 www.nyloplast-us.com

Nyloplast

24 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL

DWG NO. 7001-110-192 REV C

	USD 259 North High School	
	ADS Inlets Hydroworks HG8 Detail Wichita, Kansas	
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 00XX PPD 607853	DESIGN PSB	DRAWN TNT
REVISIONS:	APPROVED PSB	DATE 4/18/2012
SCALE varies		SHEET 10 OF 15



LEGEND

- DI = Round Drop Inlet
- ◻ DI = Square Drop Inlet
- CP = Catch Pit/Inlet
- ⊕ EM = Electric Meter
- ⊕ EM/MB = Electric Meter & Breaker Box
- ⊕ EB = Electric Box
- ⊕ FH = Fire Hydrant
- ⊕ GY = Gas Meter
- ⊕ KV = Irrigation Control Valve
- LP = Light Pole
- ▲ PM = Pavement Marker
- PD = Power Pole
- SWSM = Southwestern Bell Manhole
- SWSB = Southwestern Bell Substation
- SWSM = Stormwater Sewer Manhole
- T = Tree
- RB = Round Manhole
- RM = Meter Manhole
- MW = Meter Valve
- TRM = Transformer
- WTV = Water Test Valve
- FGM = Fiberglass Marker

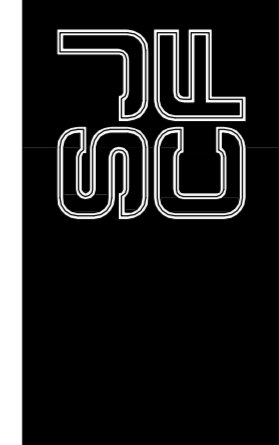
BENCHMARK

Benchmark #1 - "I" Chiselled on Top of Sidewalk
Elevation=1293.95 (NAVD 88)

Benchmark #2 - "Y" Chiselled on Top of Sidewalk
Elevation=1294.00 (NAVD 88)

- Heavy Duty Pavement.
- Sidewalk Pavement.
- Limits of Construction

SOUTH GRADING PLAN
Scale 1" = 20'-0"



SCHAEFER JOHNSON COX FREY ARCHITECTURE
EMILIE SCHAEFER
JONATHAN JOHNSON
CHRISTOPHER COX
ALEXANDER FREY
www.sjcf.com
info@sjcf.com



CUDDELL WILLIAMS & ASSOCIATES, P.A.
LAWYERS ENGINEERS ARCHITECTS
LAWYERS ENGINEERS ARCHITECTS
JOHNSON ENGINEERING
ELECTRICAL ENGINEERS

USD 259
WEST HIGH SCHOOL
ADDITIONS AND RENOVATIONS
BID NO. 12-25074
432 South Orange Street
Wichita, Kansas 67211-4007

Revisions
Bid Set 5-15-12

Project Number
5044.00

Date
22 May 2012

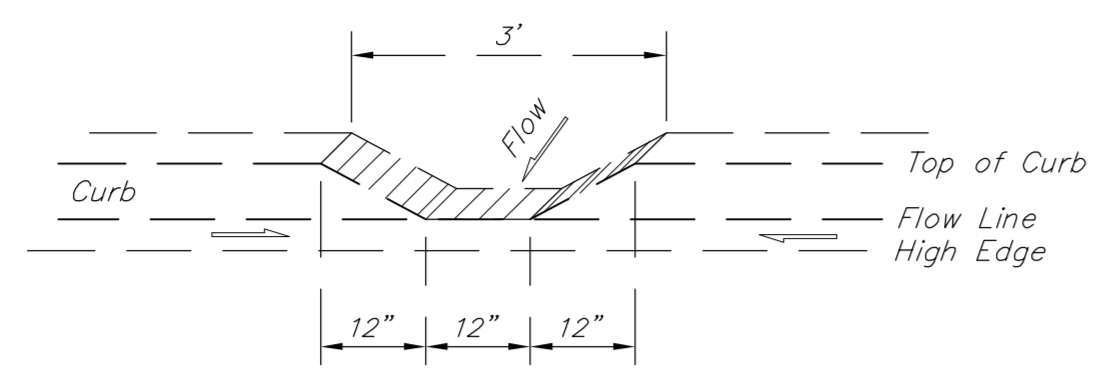
Grading Plan

C23.1

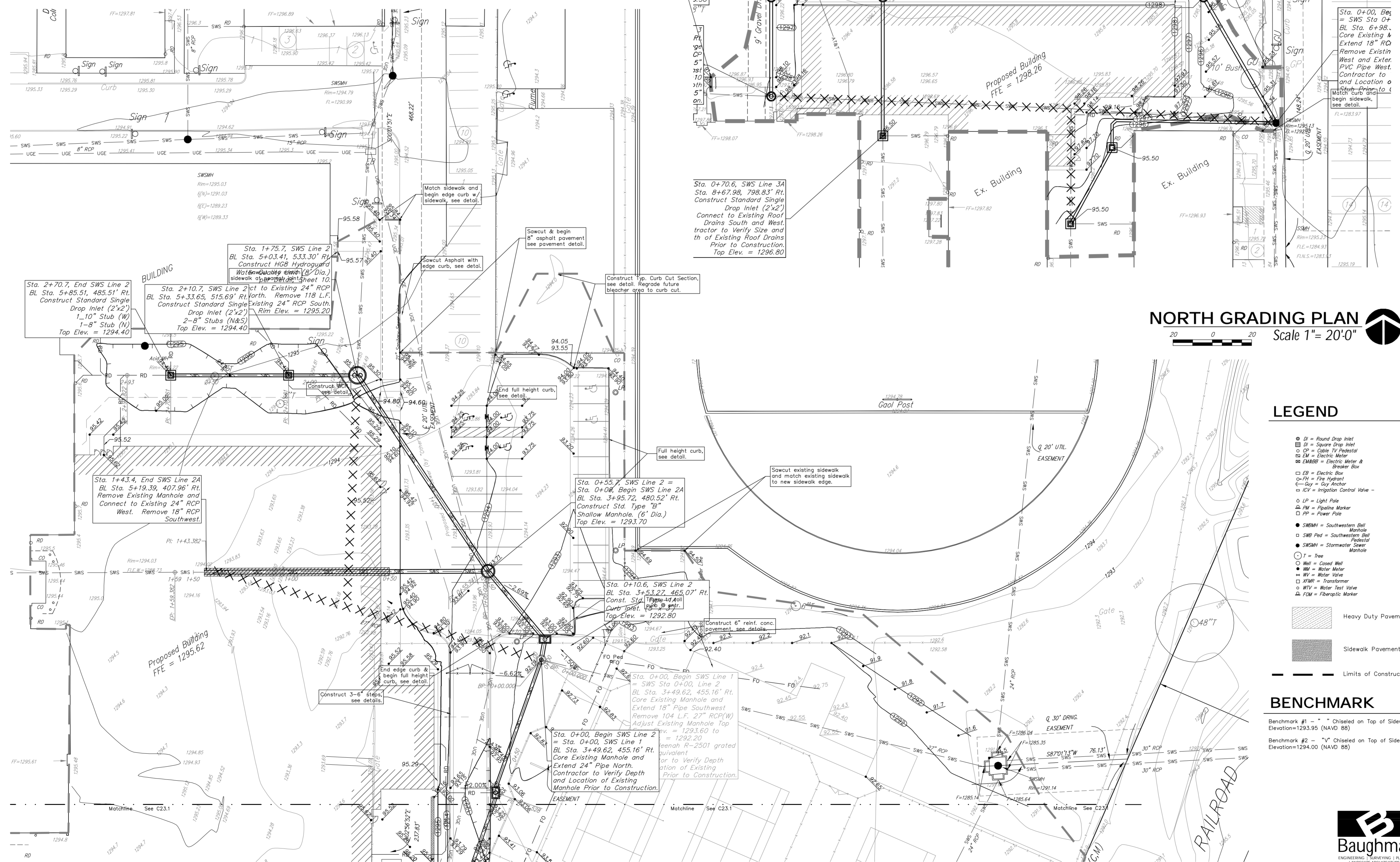


Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211
P. 316-262-7271 F. 316-262-0149

	USD 259 North High School Grading Ref. Wichita, Kansas	
	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 00XX PPD 607853	DESIGN PSB	DRAWN TNT
REVISIONS:	APPROVED PSB	DATE 4/18/2012
SCALE Varies		SHEET 11 OF 15



TYP. CURB CUT SECTION DETAIL
NOT TO SCALE



NORTH GRADING PLAN
Scale 1" = 20'-0"

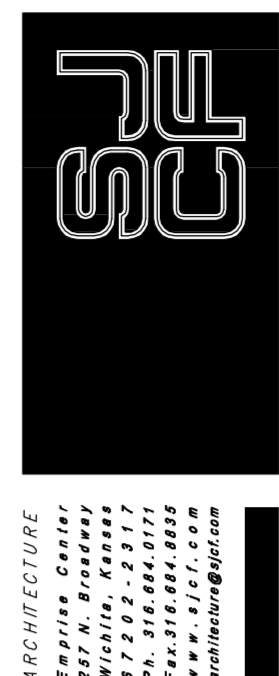
LEGEND

- D = Round Drop Inlet
 - D = Square Drop Inlet
 - D = Cable TV Pedestal
 - M = Electric Meter
 - EM = Electric Meter & Breaker Box
 - EP = Electric Pole
 - F = Fire Hydrant
 - G = Gas Anchor
 - ICV = Irrigation Control Valve
 - LP = Light Pole
 - M = Algaline Marker
 - P = Power Pole
 - SWSM = Southwestern Bell Manhole
 - SWSM = Southwestern Bell Manhole
 - SWSM = Stormwater Saver Manhole
 - T = Tree
 - M = Cast Mail
 - M = Meter Meter
 - M = Meter Valve
 - T = Transformer
 - M = Meter Test Valve
 - ▲ F = Fiberoptic Marker
- ▨ Heavy Duty Pavement.
▩ Sidewalk Pavement.
--- Limits of Construction

BENCHMARK

Benchmark #1 - "C" Chisled on Top of Sidewalk Elevation=1293.95 (NAVD 88)
Benchmark #2 - "Y" Chisled on Top of Sidewalk Elevation=1294.00 (NAVD 88)

SOUTH GRADING PLAN
Scale 1" = 20'-0"



SCHAEFER JOHNSON COX FREY ARCHITECTURE
EMILY SCHAEFER
JENNIFER JOHNSON
KYLE COX
JESSICA FREY
www.sjcf.com



CUDDEBACK WILLIAMS & ASSOCIATES, P.A.
LANDSCAPE ARCHITECTURE
CUDDEBACK WILLIAMS & ASSOCIATES, P.A.
LANDSCAPE ARCHITECTURE
CUDDEBACK WILLIAMS & ASSOCIATES, P.A.
LANDSCAPE ARCHITECTURE

USD 259
WEST-HIGH SCHOOL
ADDITIONS AND RENOVATIONS
BID NO. 12-25062
402 South Orange Street
Wichita, Kansas 67211-4027

Revision
Bid Set 5-18-12

Project Number
5044.00
Date
22 May 2012/2011
GRADING PLAN

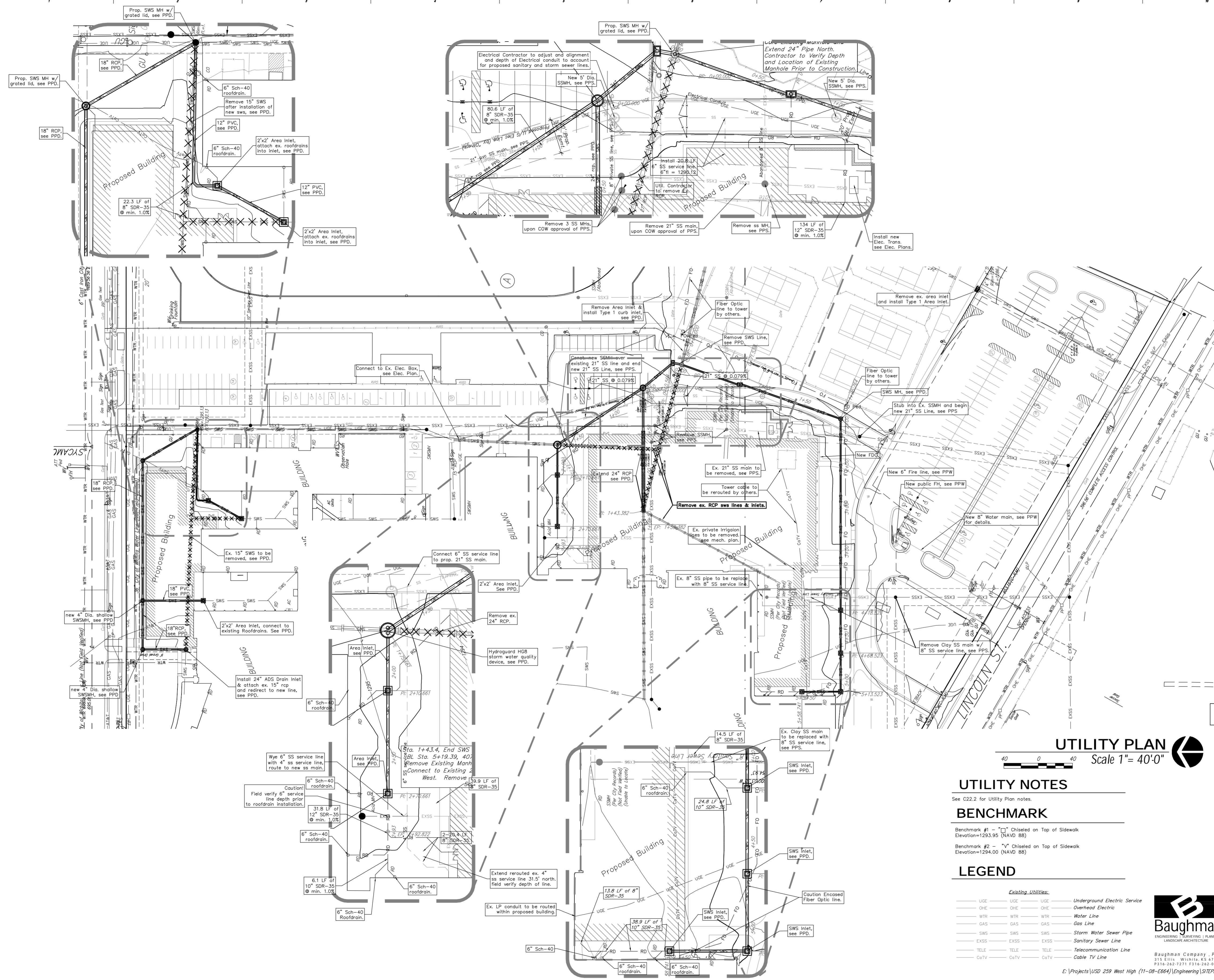
C23.2

Baughman USD 259 North High School
Grading Ref.
Wichita, Kansas

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 00XX PPD 607853	DESIGN PSB	DRAWN TNT
REVISIONS	APPROVED PSB	DATE 4/18/2012
SCALE Varies		SHEET 12 OF 15

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UTILITY PLAN
Scale 1" = 40'-0"

UTILITY NOTES

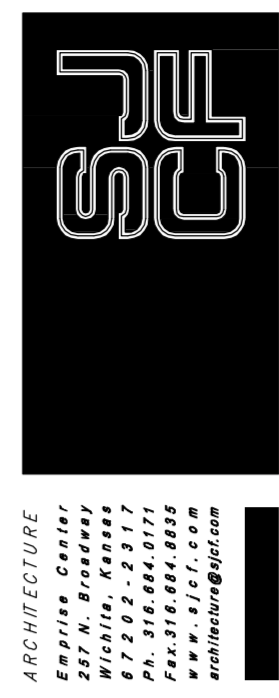
See C22.2 for Utility Plan notes.
BENCHMARK
 Benchmark #1 - "1" Chiselled on Top of Sidewalk
 Elevation=1293.95 (NAVD 88)
 Benchmark #2 - "2" Chiselled on Top of Sidewalk
 Elevation=1294.00 (NAVD 88)

LEGEND

Existing Utilities:		Underground Electric Service	
— UGE	— UGE	— OHE	— OHE
— WTR	— WTR	— WTR	— WTR
— GAS	— GAS	— GAS	— GAS
— SWS	— SWS	— SWS	— SWS
— EXSS	— EXSS	— EXSS	— EXSS
— TELE	— TELE	— TELE	— TELE
— CoTV	— CoTV	— CoTV	— CoTV



Baughman Company, P.A.
 315 Ellis St. Wichita, KS 67211
 316.262.7271 316.262.9148



SCHAEFER JOHNSON COX FREY ARCHITECTURE
 Empire Center
 215 N. Broadway
 Wichita, KS 67202
 316.262.7271
 316.262.9148
 www.sjf.com
 schaefer@sjf.com



CUDDELL WILLIAMS & ASSOCIATES, P.A.
 CIVIL ENGINEERS
 WILMETH ENGINEERING, INC.
 MECHANICAL ENGINEERS
 JOHNSON ENGINEERING
 ELECTRICAL ENGINEERS

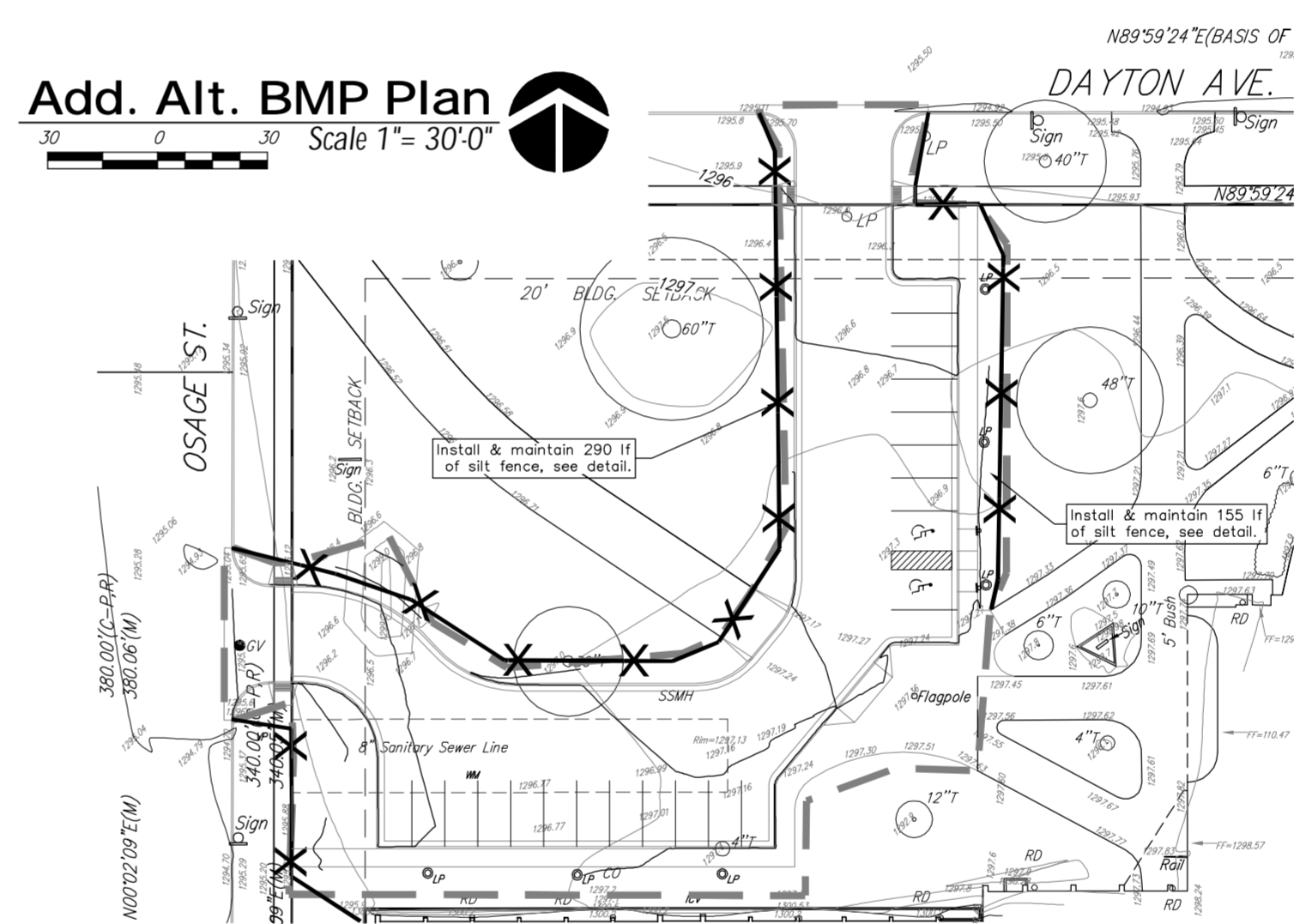
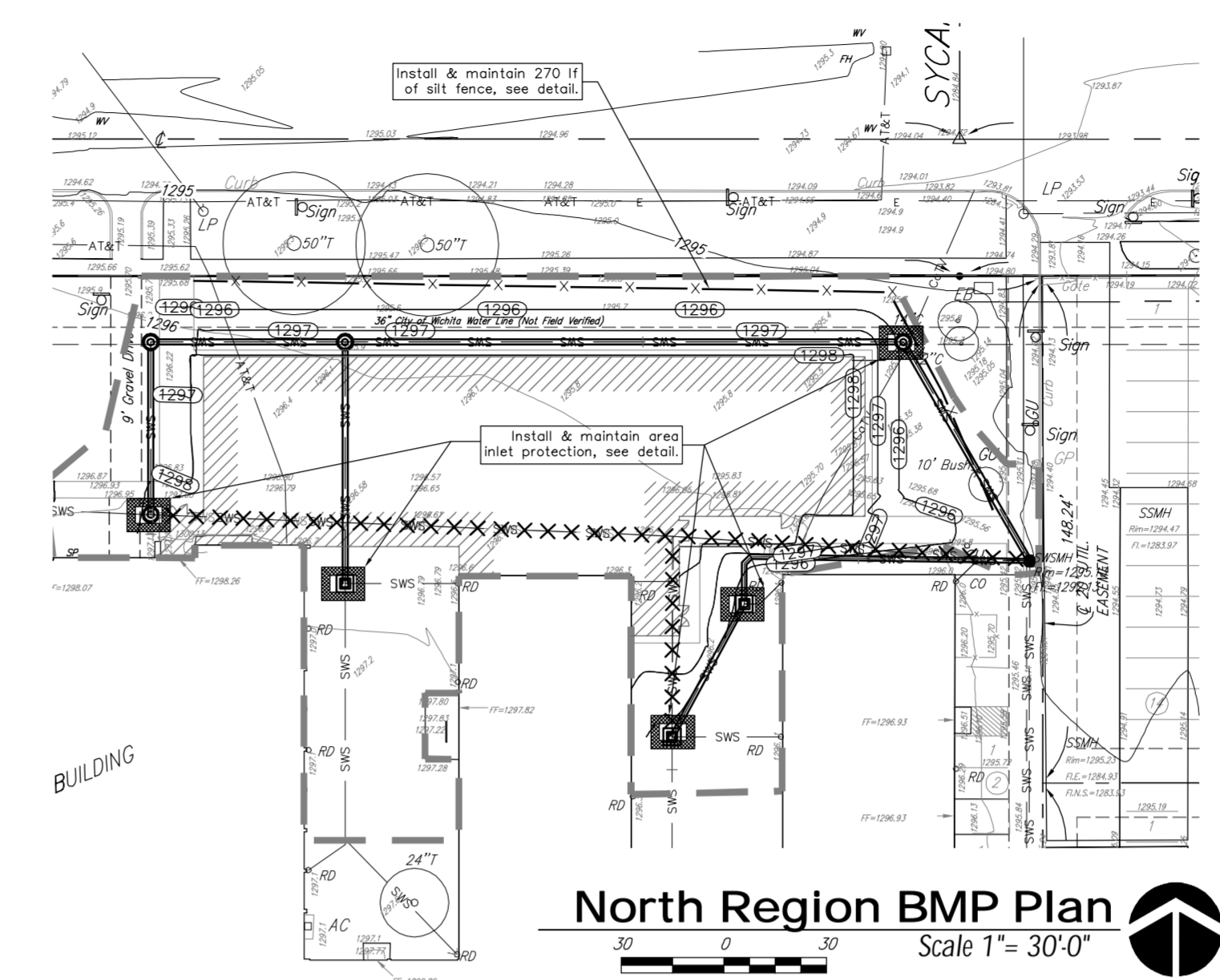
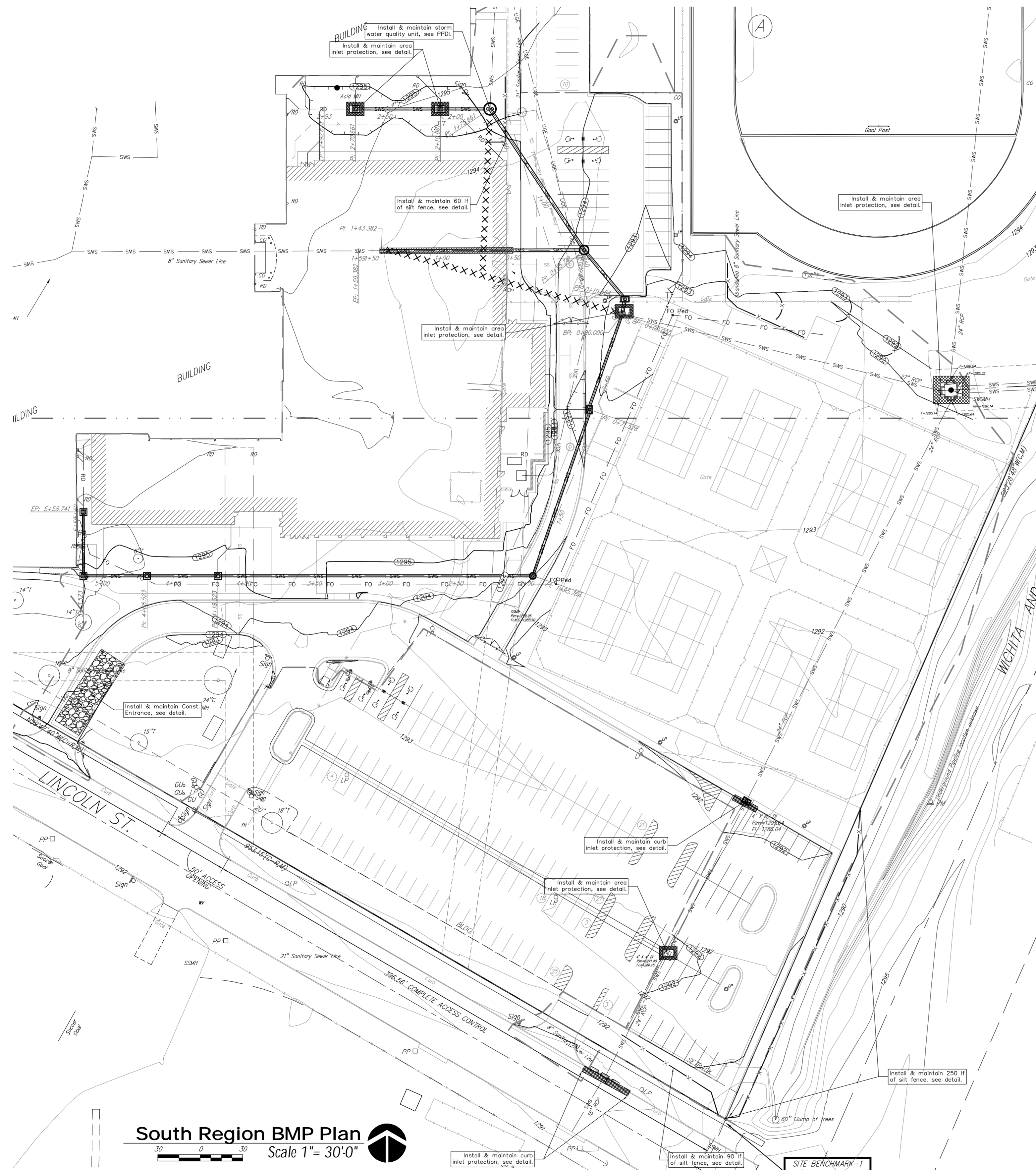
USD 259
WEST-HIGH SCHOOL
ADDITIONS AND RENOVATIONS
BID NO. 12-2508E
 402 South Orange Street
 Wichita, Kansas 67211-4027

Revisions
 Bid Set 5-15-12

Project Number
 5044.00
 Date
 22 May 2012
UTILITY PLAN

C26.1

	USD 259 North High School Utility Plan Reference Copy Wichita, Kansas	
	Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-9148 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE	
PROJECT NUMBER 00XX PPD 607853	DESIGN PSB	DRAWN TNT
REVISIONS:	APPROVED PSB	DATE 4/18/2012
SCALE VARIES		SHEET 13 OF 15



EROSION CONTROL NOTES:

- No land clearing or grading shall begin until all applicable erosion control measures have been installed. This project is subject to this SWPP Plan. The Contractor shall comply with any unusual requirements as necessary for the site to be in compliance during construction, per this plan and City specs (See #11).
- All exposed areas shall be seeded as specified within 30 days of final GRADING.
- Should construction stop for longer than 15 days, the site shall be seeded as specified.
- Maintain erosion control measures after each rain and at least once a week.
- This plan shall not be considered all inclusive as the contractor shall take all necessary precautions to prevent soil sediment from leaving the site.
- Contractor shall comply with all state and local ordinances that apply.
- Additional erosion and sediment control measures will be installed if deemed necessary by on site inspection.
- Land disturbing activities shall not commence until approval to do so has been received by governing authorities.
- If installation of storm drainage system should be interrupted by weather or nightfall, the pipe ends shall be covered with filter fabric.
- See Landscape Plan for ground treatments in all disturbed areas beyond Impervious Surfaces.
- This SWPP Plan should be in job trailer and/or on site at all times. The Contractor is responsible for any needed changes, updates or maintenance to BMP's on site. This plan may change and updates need to be recorded and documented on the plan. This plan is a flexible plan, due to changing site conditions and weather. Please inform Landscape Architect and/or Engineer of changes to plan.
- ANY substitutions for the sediment control devices shown, must be approved by the Landscape Architect and/or Engineer prior to any uses on site.
- An NPDES Permit Application has been submitted for this property. A copy of this application must be kept at the job site for the duration of the construction process.

SITE INFORMATION

Total Disturbed Area (including Tennis Courts by others): ±295,380 sq. ft. (6.78 acres)
 Total Area of Site: ±1,126,870 sq. ft. (25.86 acres)
 Impervious Area removed: ±134,341 sq. ft. (3.08 acres)
 New Impervious Area: ±222,936 sq. ft. (5.12 acres)

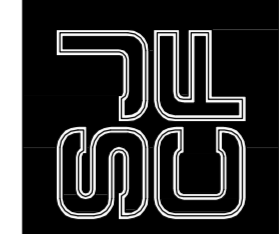
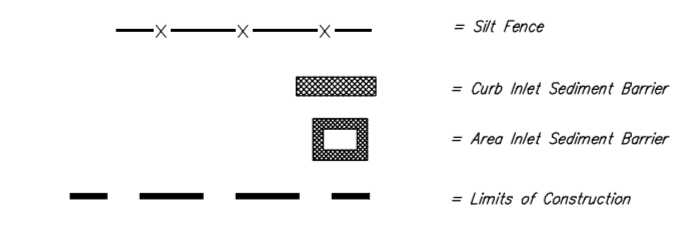
LEGAL DESCRIPTION

Part of Lot 1, Block A of West High School Addition, in Wichita, Sedgewick County, KS.

BENCHMARK

Benchmark #1 - " " Chiselled on Top of Sidewalk
 Elevation=1293.95 (NAVD 88)
 Benchmark #2 - " " Chiselled on Top of Sidewalk
 Elevation=1294.00 (NAVD 88)

EROSION CONTROL LEGEND



SCHAEFER JOHNSON COX FREY ARCHITECTURE
 EMILIE CRANE
 315 E. 11th St., Suite 100
 Wichita, KS 67202
 Phone: 316.262.7271
 Fax: 316.262.7272
 www.sjcf.com
 emilie@sjcf.com



CUDDE WILLIAMS & ASSOCIATES, P.A.
 WICHITA ENGINEERS, INC.
 MECHANICAL ENGINEERS
 ELECTRICAL ENGINEERS

USD 259
WEST HIGH SCHOOL
ADDITIONS AND RENOVATIONS
BID NO. 12-25028
 402 South Orange Street
 Wichita, Kansas 67202-4027

Revisions
 Bid Set 5-15-12

Project Number
5044.00

Date
22 May 2012

EROSION CONTROL PLAN

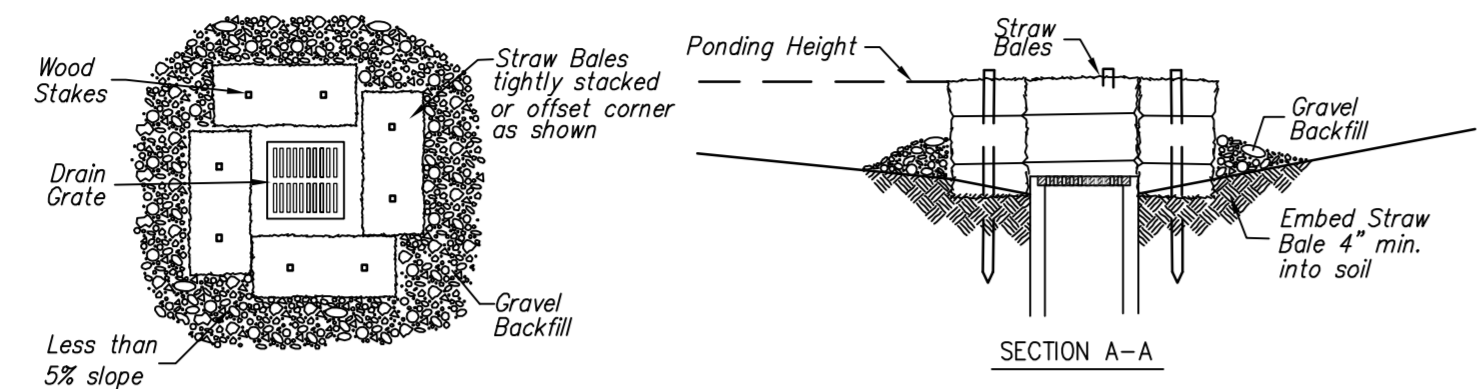
C27.1

Baughman USD 259 North High School
Erosion Control Plan
Reference Copy
 Wichita, Kansas

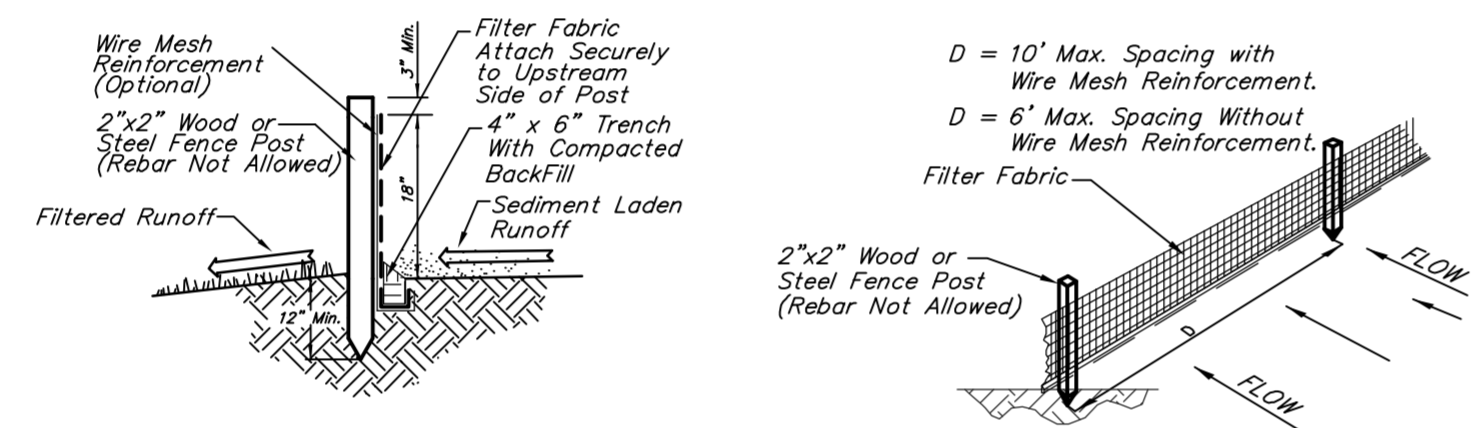
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 00XX PPD 607853	DESIGN PSB	DRAWN TNT
REVISIONS	APPROVED PSB	DATE 4/18/2012
SCALE VARIES		SHEET 14 OF 15

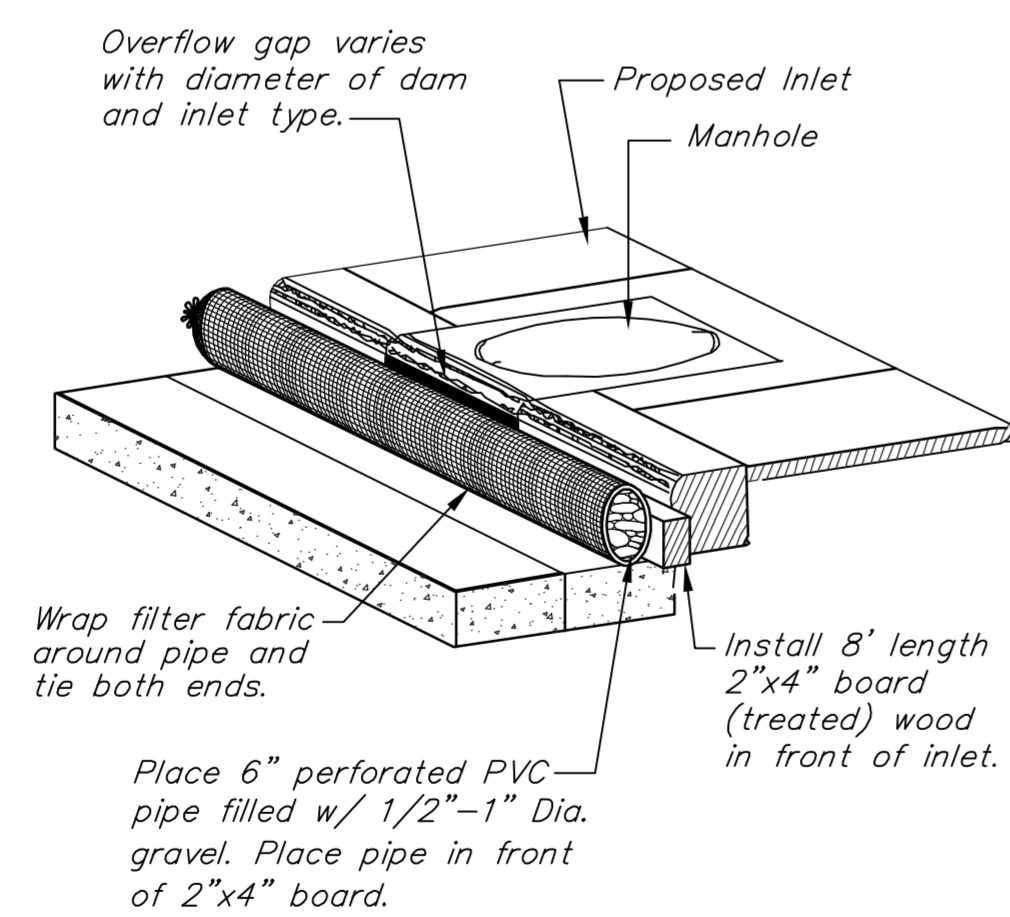
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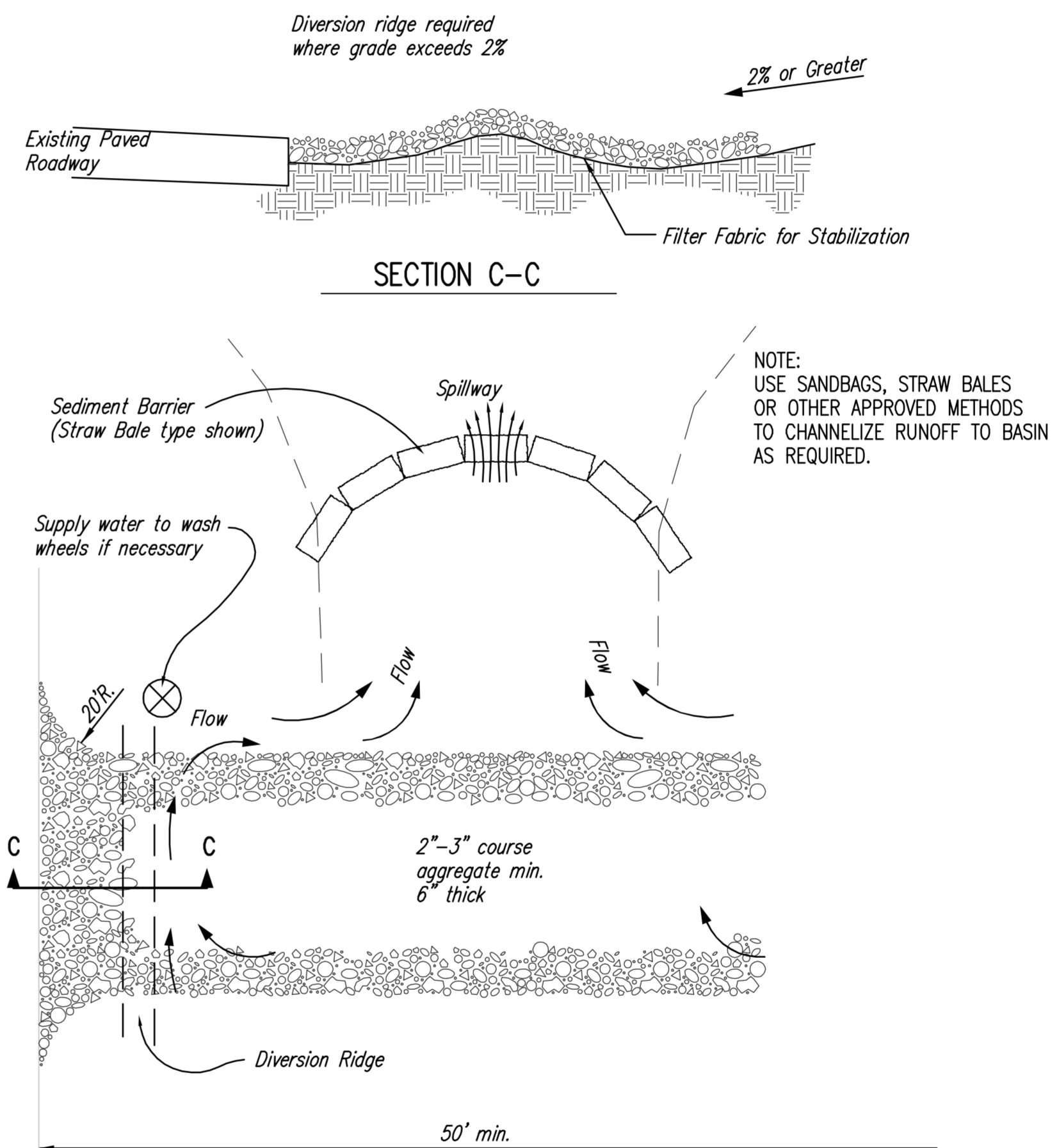
1 STRAW BALE BARRIERS FOR AREA INLETS
NOT TO SCALE



2 SILT FENCE DETAIL
NOT TO SCALE



3 CURB INLET BMP DETAIL
NOT TO SCALE



1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.
4. DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.

4 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

	USD 259 North High School BMP Erosion Details Wichita, Kansas	
	<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 00XX PPD 607853	DESIGN PSB	DRAWN TNT
REVISIONS:	APPROVED PSB	DATE 4/18/2012
SCALE varies		SHEET 15 OF 15