

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
AT&T 1-800-246-6464
Black Hills Energy 1-800-694-8989
City of Wichita Water & Sewer 1-316-219-8921
City of Wichita Stormwater 1-316-268-4090
City of Wichita Traffic 1-316-268-4034
Cox Communications 1-888-249-3530
Kansas Gas Service 1-888-482-4950
Westar Energy 1-800-544-4857
- 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.
- 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.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
- The Engineering Division shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match field grades by the contractor.
- The Contractor shall notify the consultant engineer and Dawnita Reinhardt with the City at 316-650-0740 with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.
- If traffic is impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Mike Armour at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.
- All elevations shown are U.S.G.S. Datum (NAVD 88).
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
- Any sidewalk, drive approach, 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.
- City maintenance of storm sewer ends at the last structure in the easement or right-of-way.
- A portion of excess excavated material shall be mounded around manholes which extend more than one (1) foot above the existing ground. Such mound shall be constructed with new development a six (6) foot diameter flat top with 4 to 1 side slopes down to the original ground. The elevation of the flat top of the mound shall be 0.4 foot below the top to the manhole.
- Geotechnical report available upon request.
- Contractor shall limit the extend of trench open overnight and weekends to less than 50 feet.
- The inspecting firm shall submit to the City Stormwater Maintenance Division a digital copy of the CCTV inspection of the conduits and structures following construction. The digital file formation shall be compatible with the City input template. A copy of the template is available upon request at 316-268-4090.
- The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.
- Contractor shall provide positive drainage away from all manhole covers.
- The Contractor shall not begin work on the project until the Project Inspector is assigned and on site. Any work completed without inspection will be required to be uncovered for inspection at the Contractor's expense.
- Structure location coordinates are to the center of structure and are to be located with a coordinate datum per the provided control points.

BENCHMARKS

- BM #3
Mag Nail with Washer
Elevation = 1356.17 (NAVD 88)
- BM #4
Mag Nail with Washer
Elevation = 1353.64 (NAVD 88)
- BM#5:
Mag Nail with Washer
Elevation = 1359.68 NAVD88

STORM SEWER IMPROVEMENTS
to serve
Maize School South Campus Addition
3701 N. Tyler Rd.
CITY OF WICHITA, KANSAS
Gary Janzen P.E. City Engineer
PPD-2021-000680
56030970

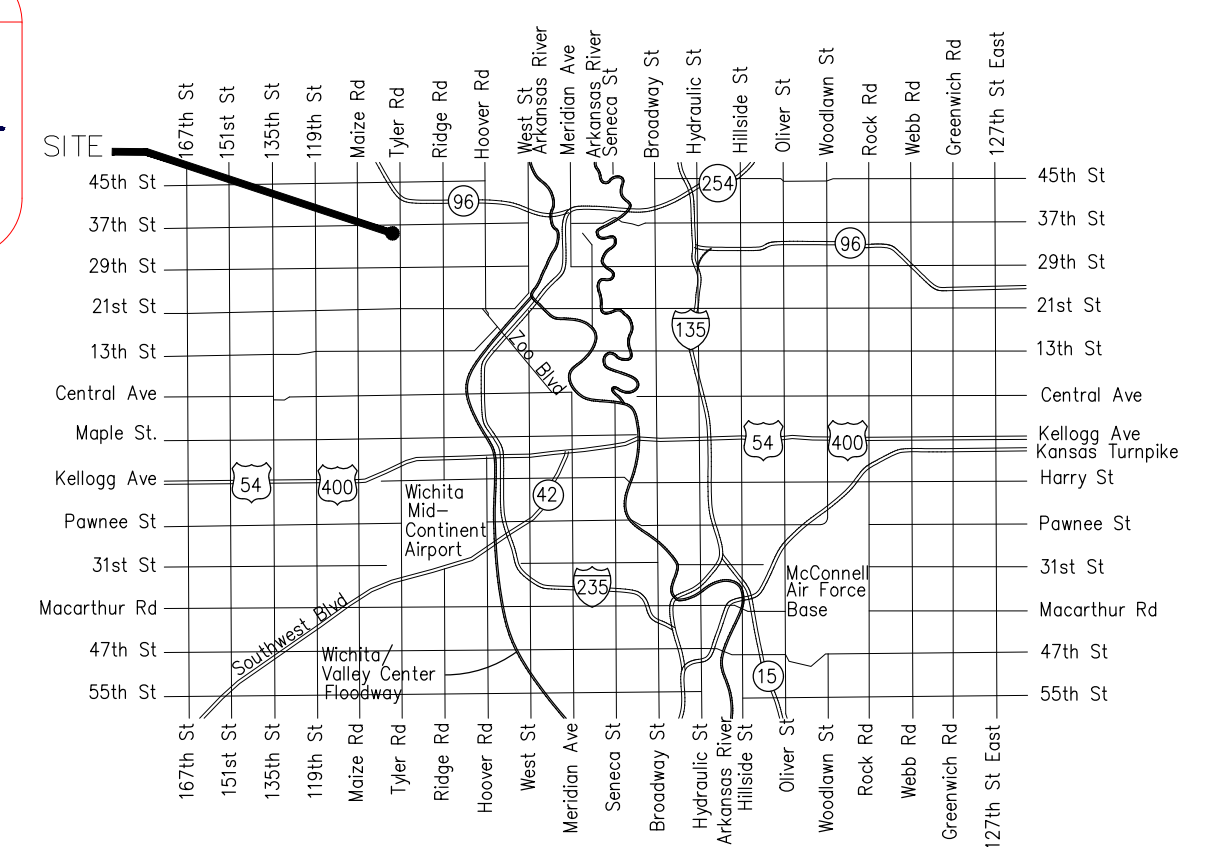
AS BUILTS

Contractor: Ewertz Excavating 7-21-21
Project Inspector: John Schuller

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

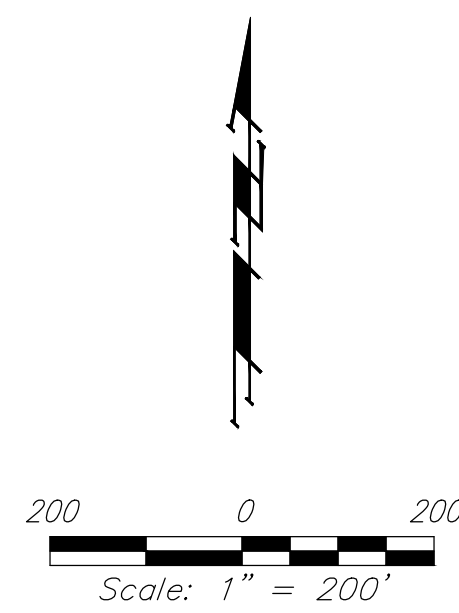
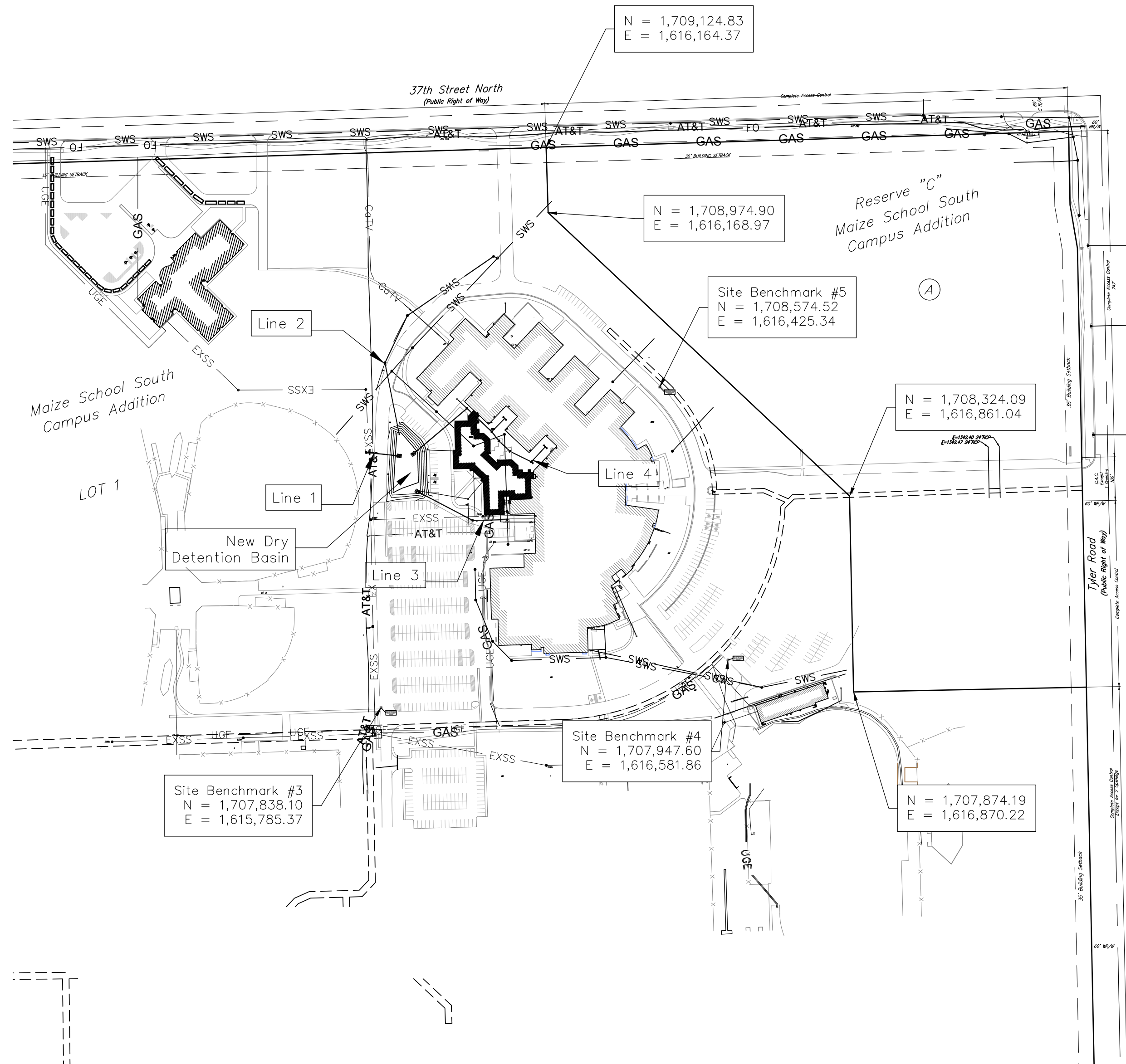
SHEET INDEX:

Title Sheet	1
New Detention Basin & Demolition	2
SWS Line 1 & 3 Plan/Profile	3
SWS Line 2 Plan/Profile	4
SWS Line 4, 4A, & 4B Plan/Profile	5
End Section Detail	6
Drop Inlet Detail	7
MH Cover Detail	8
Grading (REF)	9
Erosion Control (REF)	10
Plat	11



VICINITY MAP

*Current Stormwater Control Details are available at City of Wichitaweb site at <http://www.wichita.gov/PWU/StandardsConstruction/Forms/WebPageStandardsConstruction.aspx>



Stormwater Certification:

New Development Redevelopment (Circle One)

Stormwater Permit # SW2021-0036 UDxx

NOI Permit # S-AR94-1683

These construction plans were prepared in accordance with the current Stormwater management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.

Site Area (Acres) = 179.7 acres
Disturbed Area (Acres) = 2.24 acres
Water Quality Treatment: Site Detention & Wetland
Downstream Channel Protection: Onsite Wetland & Detention
Detention: Onsite Wetland & Detention
The BMP used for this development is Wetland, Basins, Grass Swales

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING AND STORMWATER DIVISION

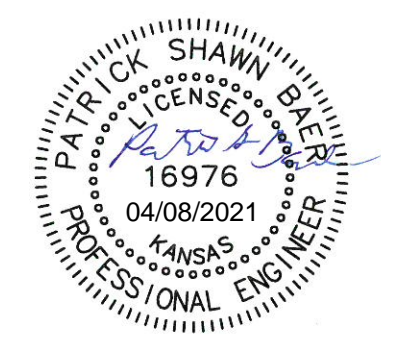
Engineering Approved by Shawn Mellies PE (Under Review)

Stormwater Approved by Joe Hickle PE (Under Review)

NOTE TO CONTRACTORS

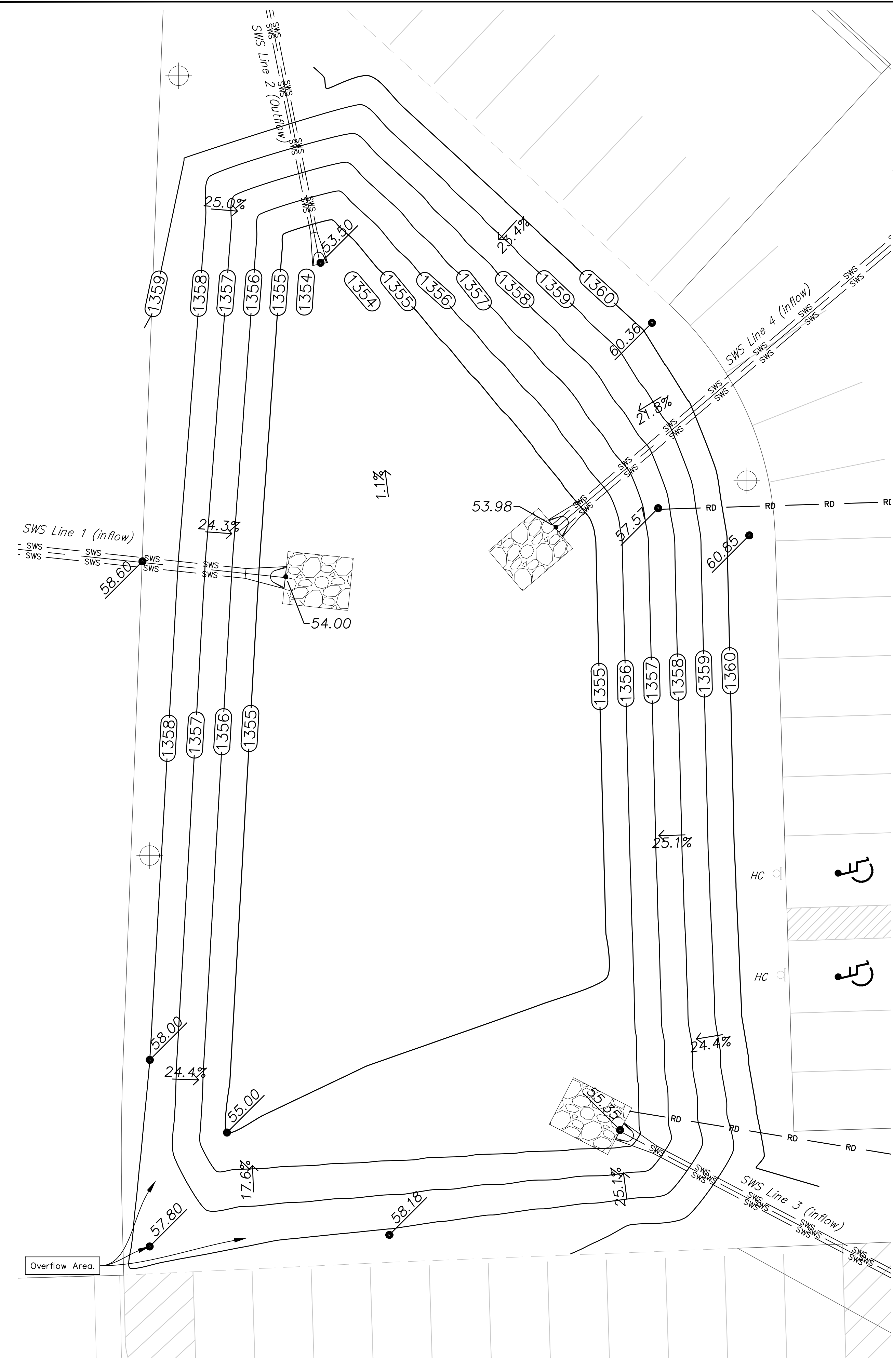
Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the state of Kansas. No work shall be performed 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 current City of Wichita Specifications and Standards and Special Provisions. (on file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on-site.

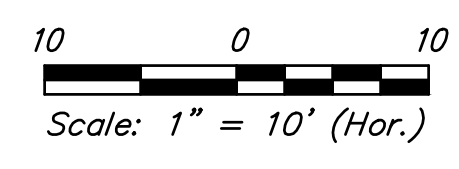


BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com

April 8, 2021



Detention Basin Plan



New Basin Localized Drainage Area

Basin	Area (Ac.)	Tc* (min)	CN**	Q ¹ (cfs)	Q ² (cfs)	Q ⁵ (cfs)	Q ¹⁰ (cfs)	Q ²⁵ (cfs)	Q ¹⁰⁰ (cfs)
Existing	5.95	15.0	90	13.4	18.1	24.7	29.3	35.2	46.3
P2 (West Post Const.)	5.95	15.0	92	14.5	19.2	25.8	30.4	36.2	47.2

* Tc determined using the TR55 method, 15 min. minimum.
 ** Calculated based on Soil condition D and % of impervious, see City of Wichita/Sidgwick Conty Stormwater Manual.

DRY DETENTION BASIN DESIGN CRITERIA

Elevation (NAVD 88)	Area (ft ²)	Volume (ft ³)	Discharge (cfs)
1353.50	0	0	0.00
1354.00	1,110	200	0.95
1355.00	5,740	3,330	2.83
1356.00	8,000	10,170	3.76
1357.00	9,700	19,000	4.51
1358.00	11,540	29,810	5.14
1359.00	17,100	44,230	10.7

Detention basin base shall maintain a 1% with a primary 12" RCP Outfall @ 1353.50 and secondary overflow broadcrested weir @ 1358.00. Location and shape of basin can be adjusted, based on the preferred driveway location(s).

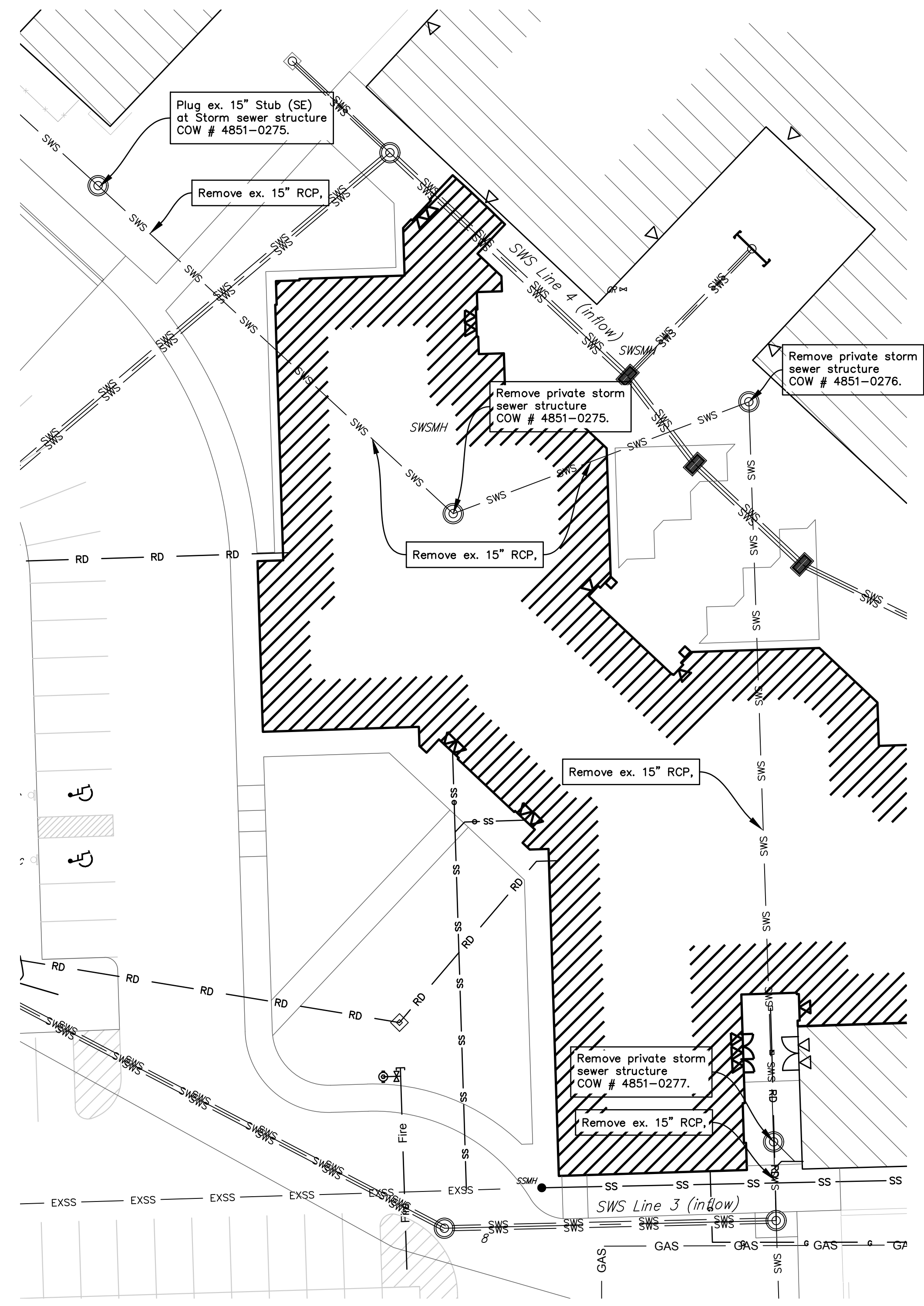
Proposed Dry Detention Basin Detention

Year	Peak Flow In (cfs)	Peak Flow Out (cfs)	Overflow Out (cfs)	Basin Elev. (navd88)	Vol. Event (ft ³)
1 yr	14.5	3.98	0.00	1,356.3	12,570
2-yr	19.2	4.44	0.00	1,356.9	18,190
5-yr	25.8	4.97	0.00	1,357.7	26,610
10-yr	30.4	5.24	1.89	1,358.2	32,040
25-yr	36.2	5.42	8.66	1,358.5	36,430
100-yr	47.2	5.66	22.2	1,358.9	42,430

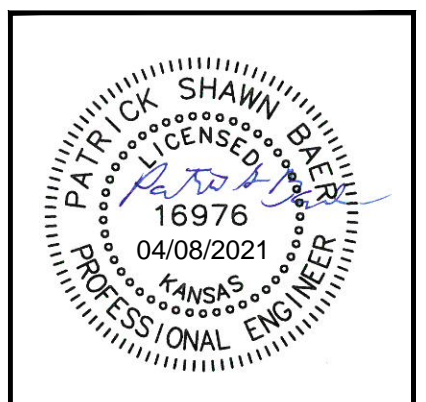
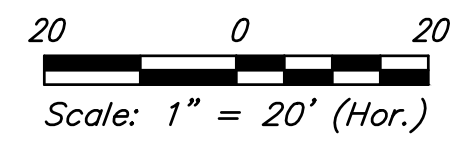
NEW DETENTION BASIN NOTES:

This area drains to an existing swale, located on site, at the High School Southwest parking lot. This swale drains runoff East, into a culvert located between the South High School parking lot & Football Field Lockerroom. This culvert is at the design limits of use, so the proposed detention basin will reduce runoff, routing to the culvert and instead route the localized 5.95 acres of runoff to a new culvert, that ties into an existing private stormsewer system. This will ultimately convey the runoff to the same detention basin, located in Reserve C and improve runoff near the High School Locker room.

- All areas disturbed during construction shall be seeded, mulched, and fertilized as per Erosion Landscape Plan & Erosion Control Plan.
- This Basin has been developed to retain 5.95 Acres of Runoff, that originally was conveyed over the parking lot, south to existing flume, that routed runoff to the Northeast Basin, located within Reserve C. The basin will reroute the majority of runoff Northeast to the same existing basin, located in Reserve C reducing the sheet flow in the existing parking lot. During larger rain events, 10 year peak and more, the Southwest corner of the detention basin will allow excess to be released to the original drainage path.
- Contractor is to establish native grass within the drainage basin, to minimize erosion.



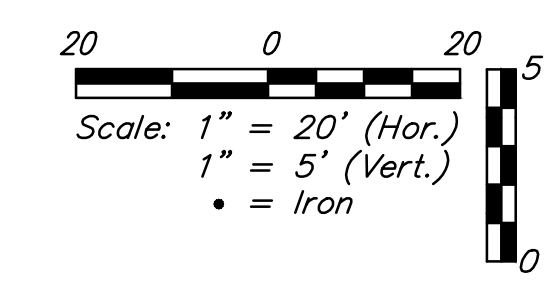
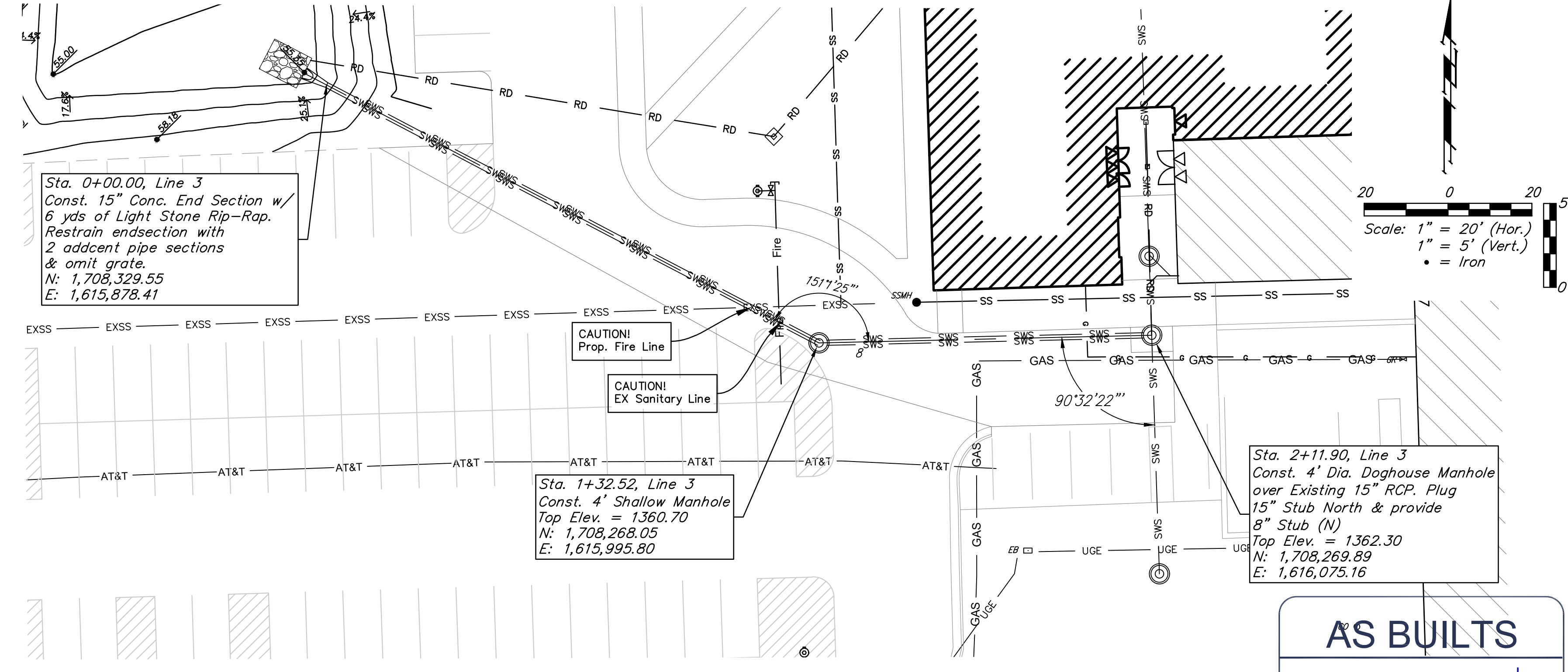
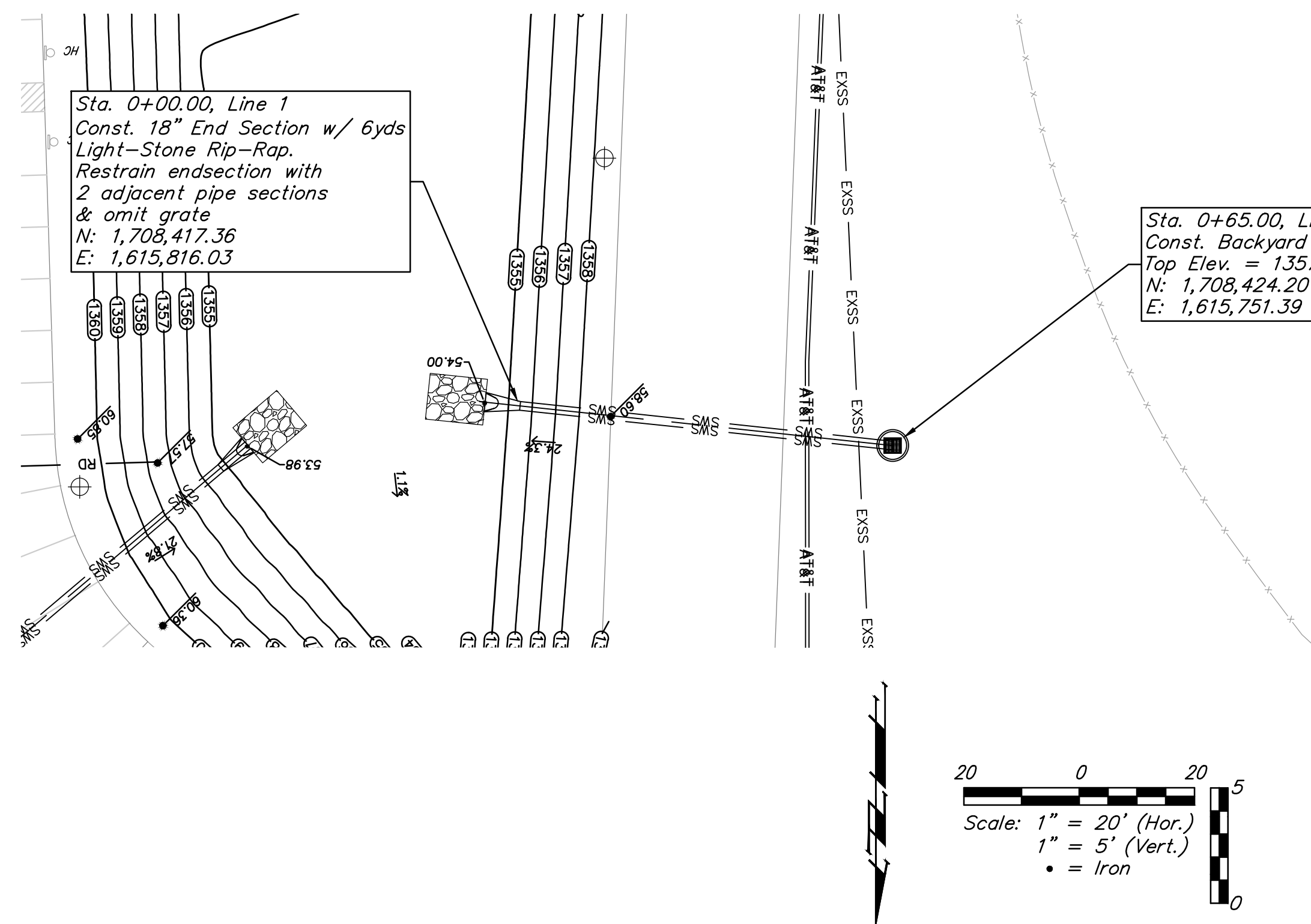
Storm Demolition Plan



BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

Maize School South Campus
NEW DRY DETENTION BASIN

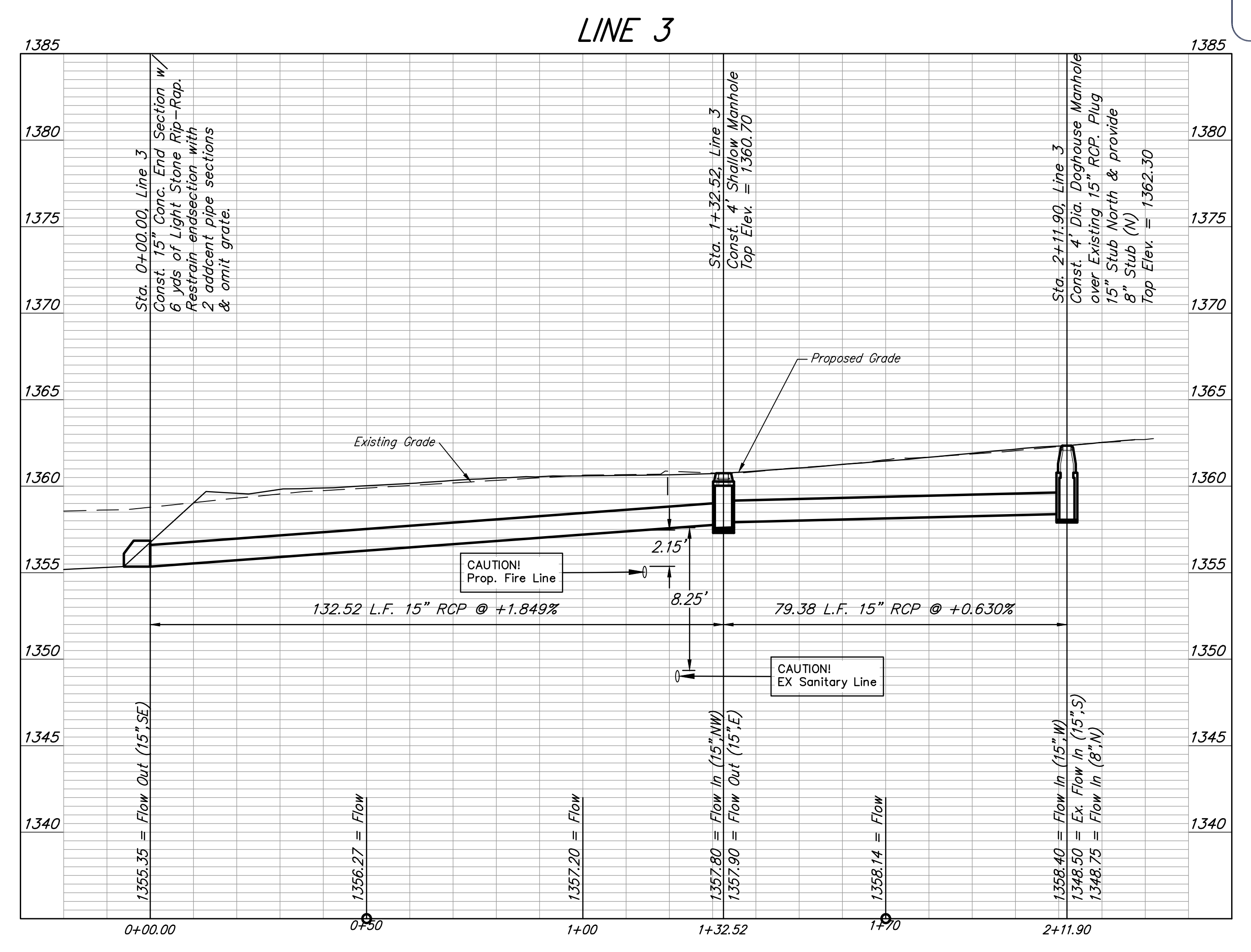
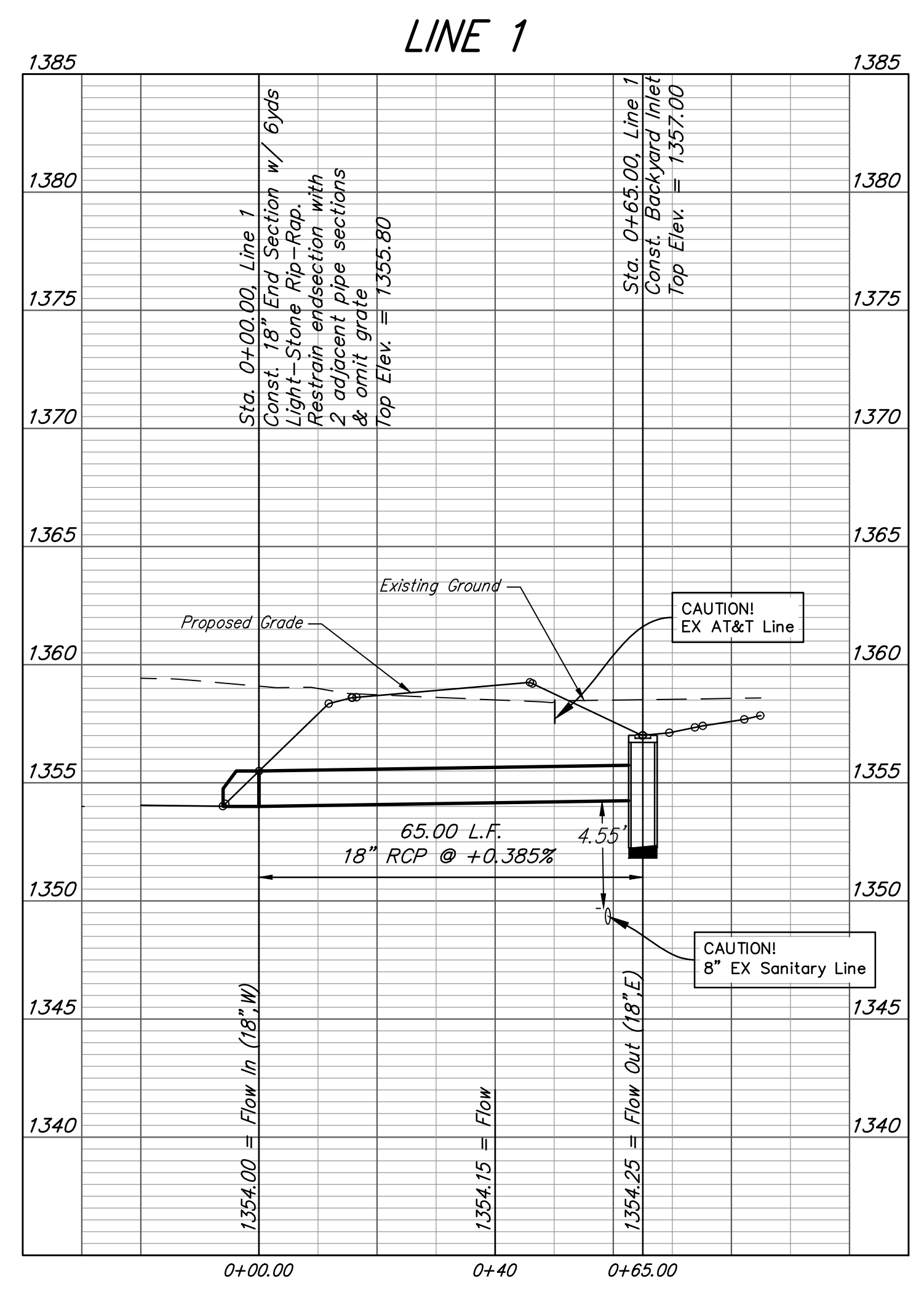
PROJECT NUMBER:	20-10-E737
DESIGN: ENG	DRAWN: DFT
DATE:	Apr. 8, 2021
SHEET	2 OF 11



AS BUILTS

KEMILLER
ENGINEERING PA

117 E. Lewis,
Wichita, KS 67202 (316)264-0242



BAUGHMAN COMPANY

315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

Maize School South Campus

**Stormwater
SWS Line
2 & 3**

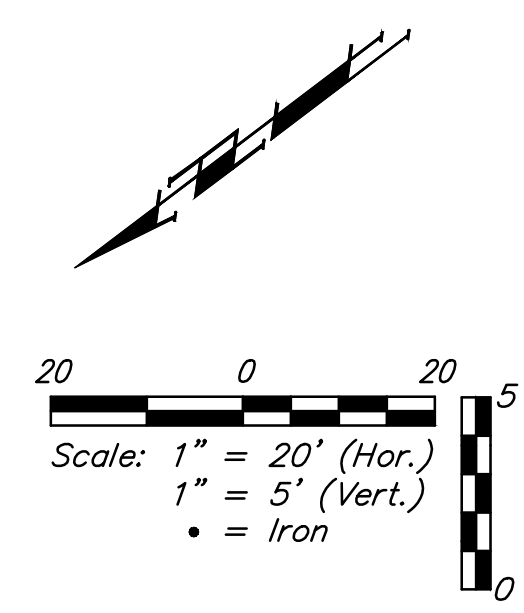
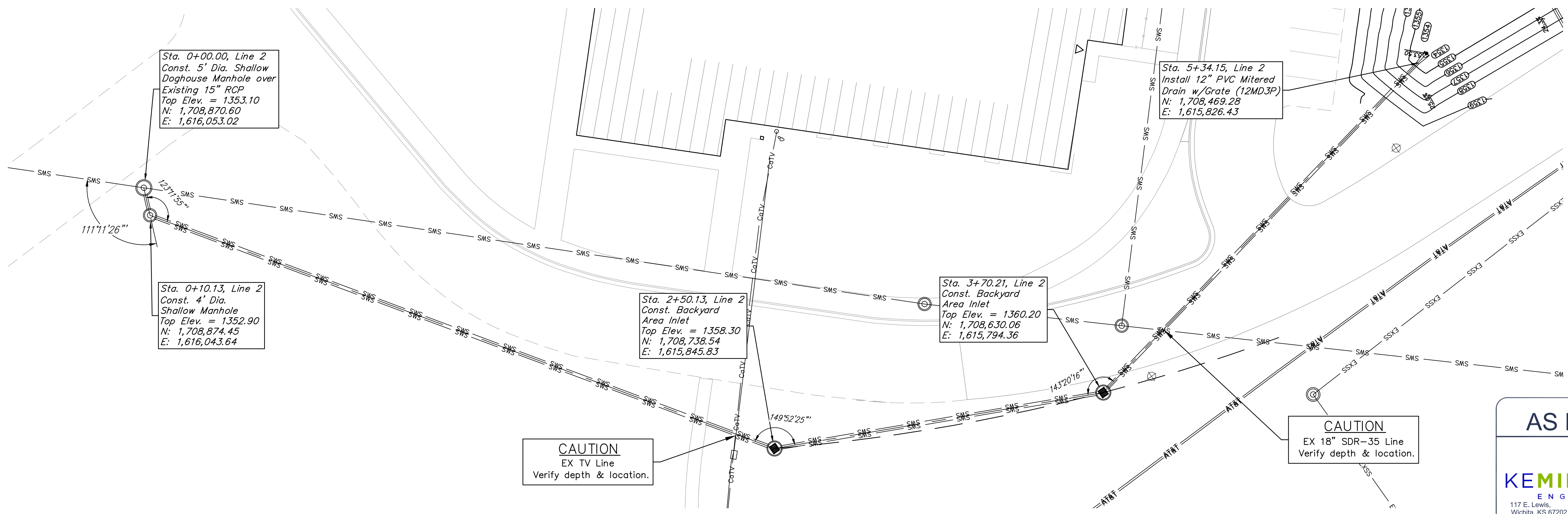
PROJECT NUMBER:
20-10-E737

DESIGN: psb DRAWN: DFT

DATE: Apr. 8, 2021

SHEET OF
3 11

File: E:\Projects\USD 266 Maize South High School Fine Arts (20-10-E737)\Engineering\Phase 1\PPD\PPD-2021-000680 (60630870).dwg

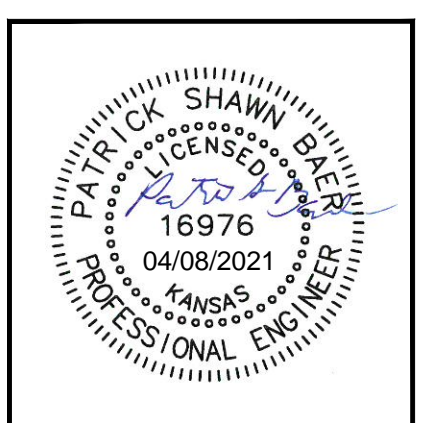
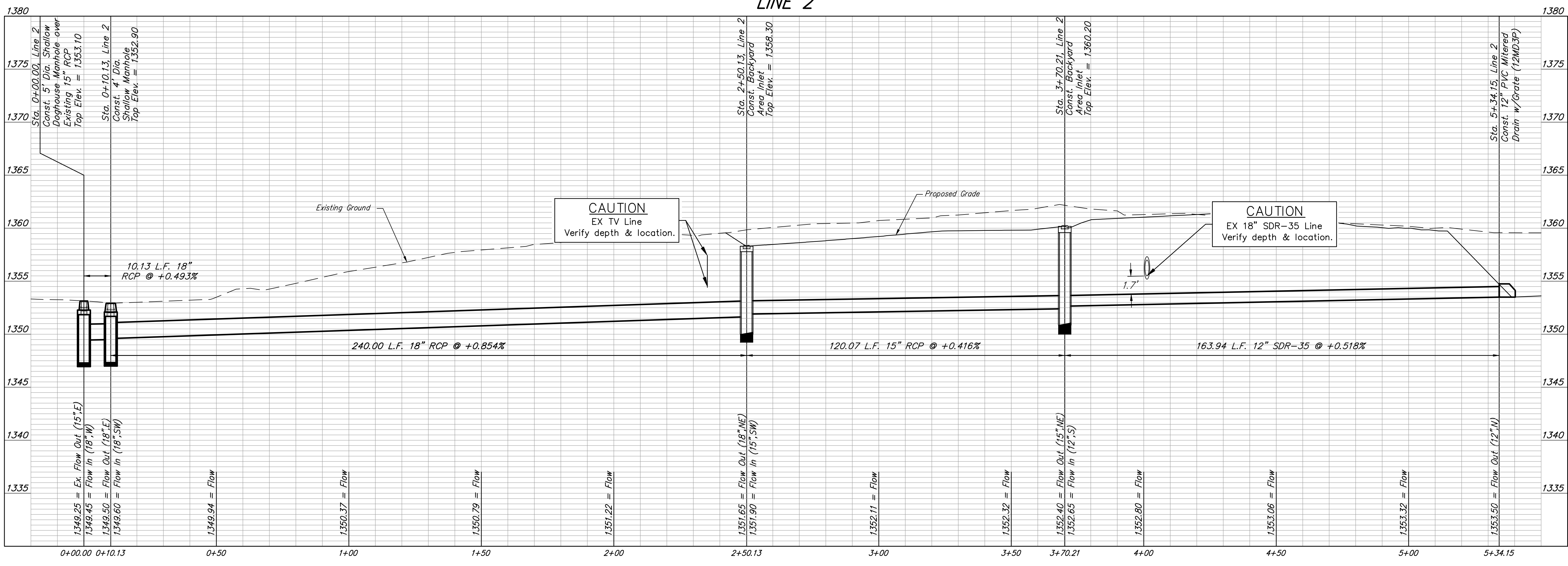


AS BUILTS

KEMILLER ENGINEERING PA

117 E. Lewis,
Wichita, KS 67202 (316)264-0242

LINE 2



BAUGHMAN COMPANY

315 Ellis St.
Wichita, KS 67211
BaughmanCo.com

Maize School South Campus

Stormwater Line 2

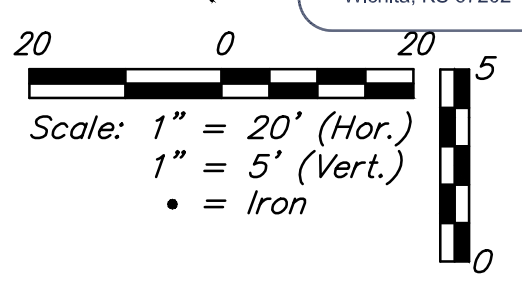
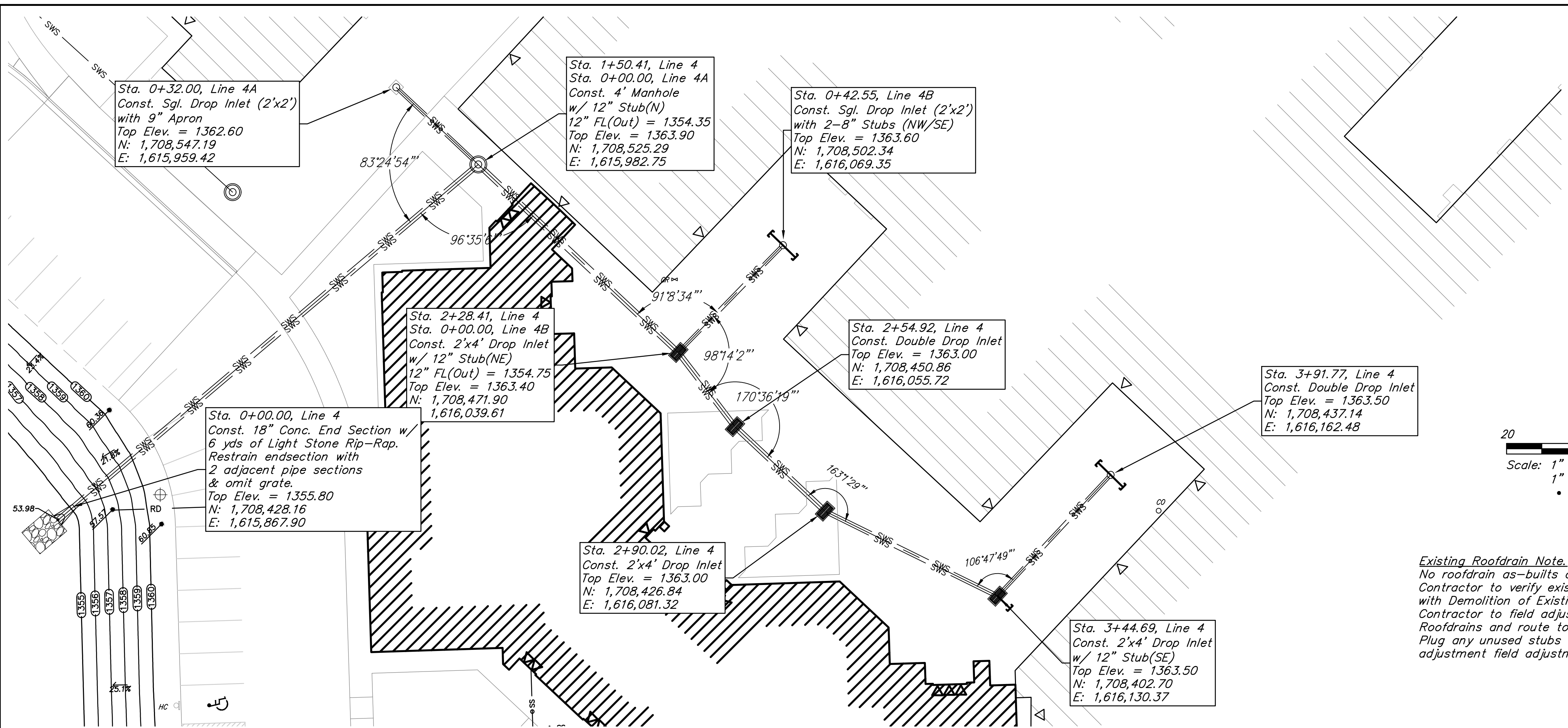
PROJECT NUMBER:
20-10-E737

DESIGN: ENG DRAWN: DFT

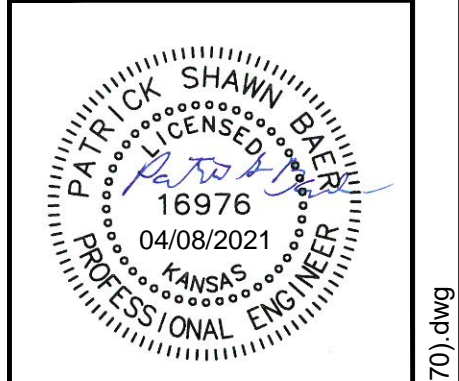
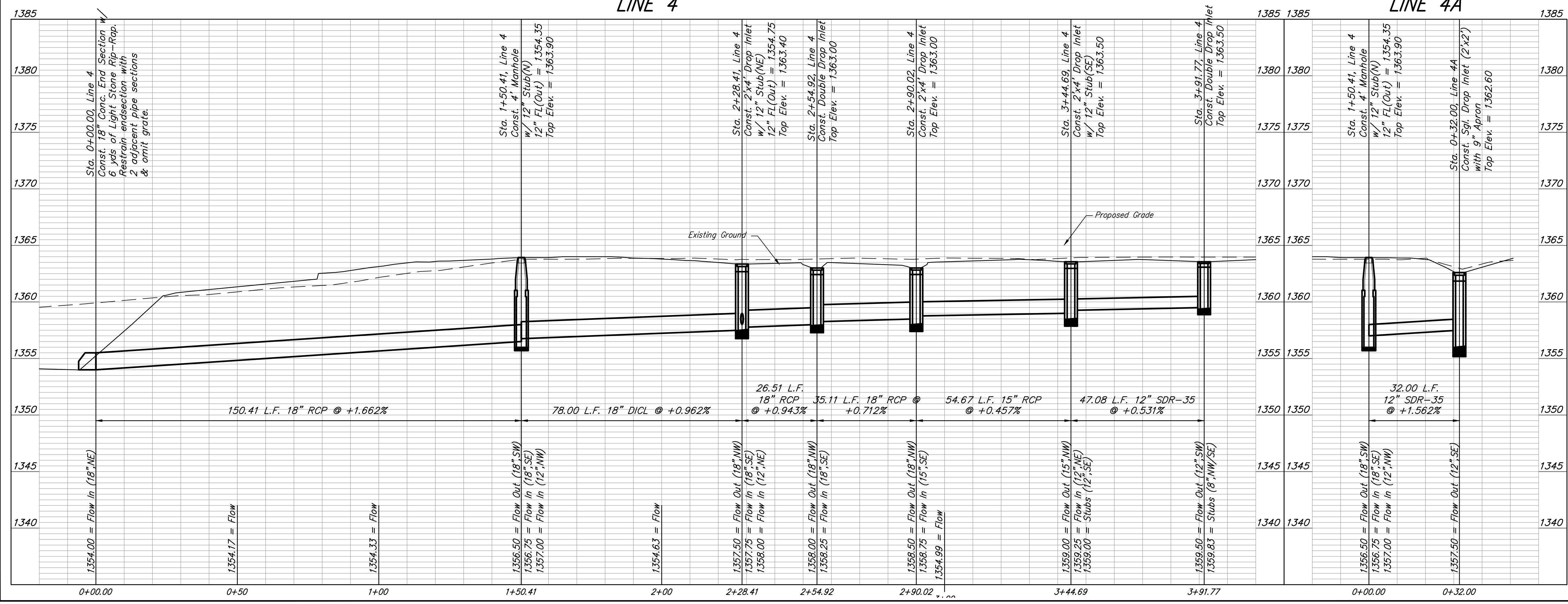
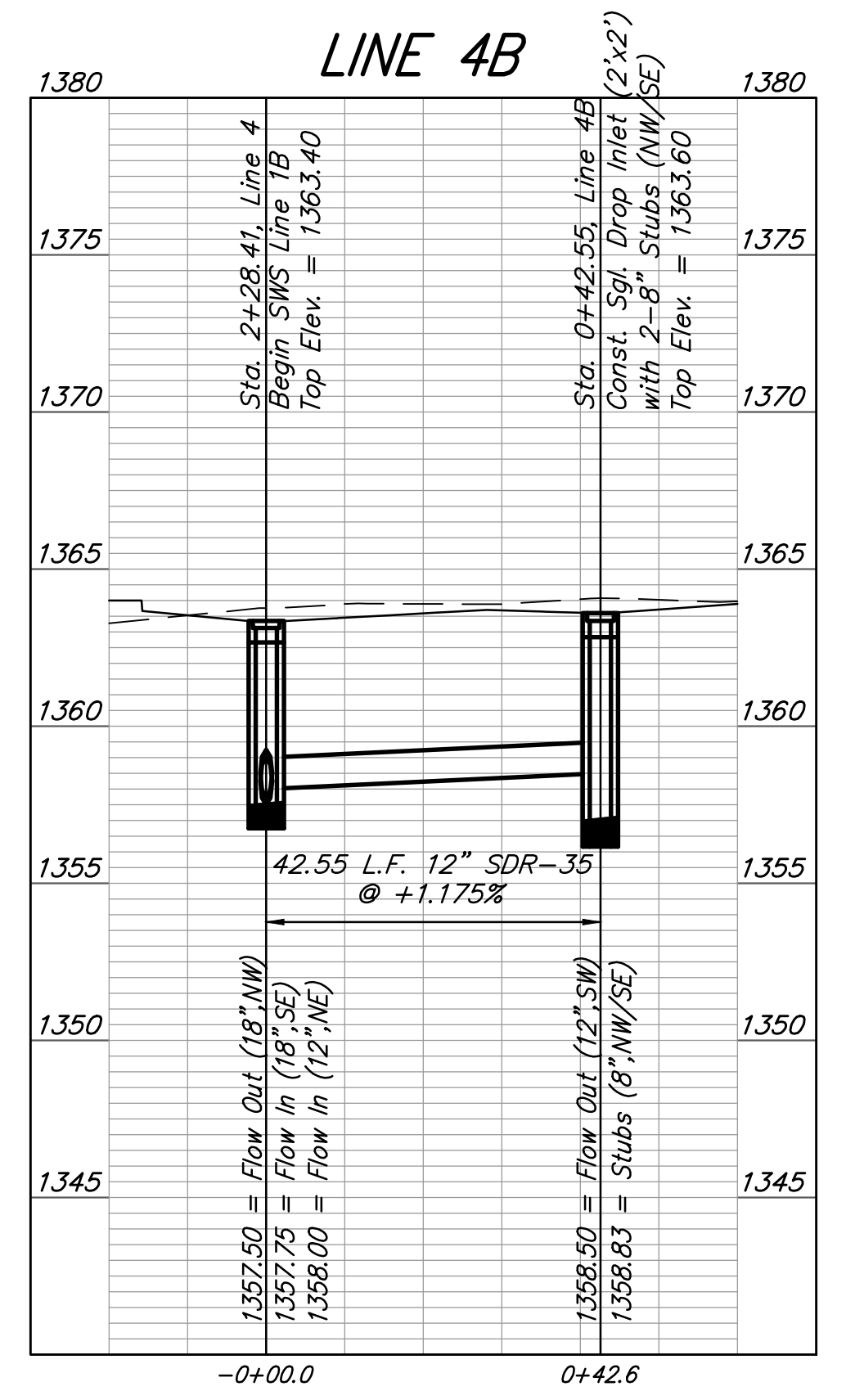
DATE: Apr. 8, 2021

SHEET OF
4 11

File: E:\Projects\USD 266 Maize South High School Fine Arts (20-10-E737)\Engineering\Phase 1\PPD\PPD-2021-000680 (60030870).dwg



Existing Roofdrain Note.
 No roofdrain as-builts are available. Contractor to verify existing roofdrains with Demolition of Existing Manholes. Contractor to field adjust existing Roofdrains and route to noted Stubs. Plug any unused stubs and note adjustment field adjustment in as-builts.

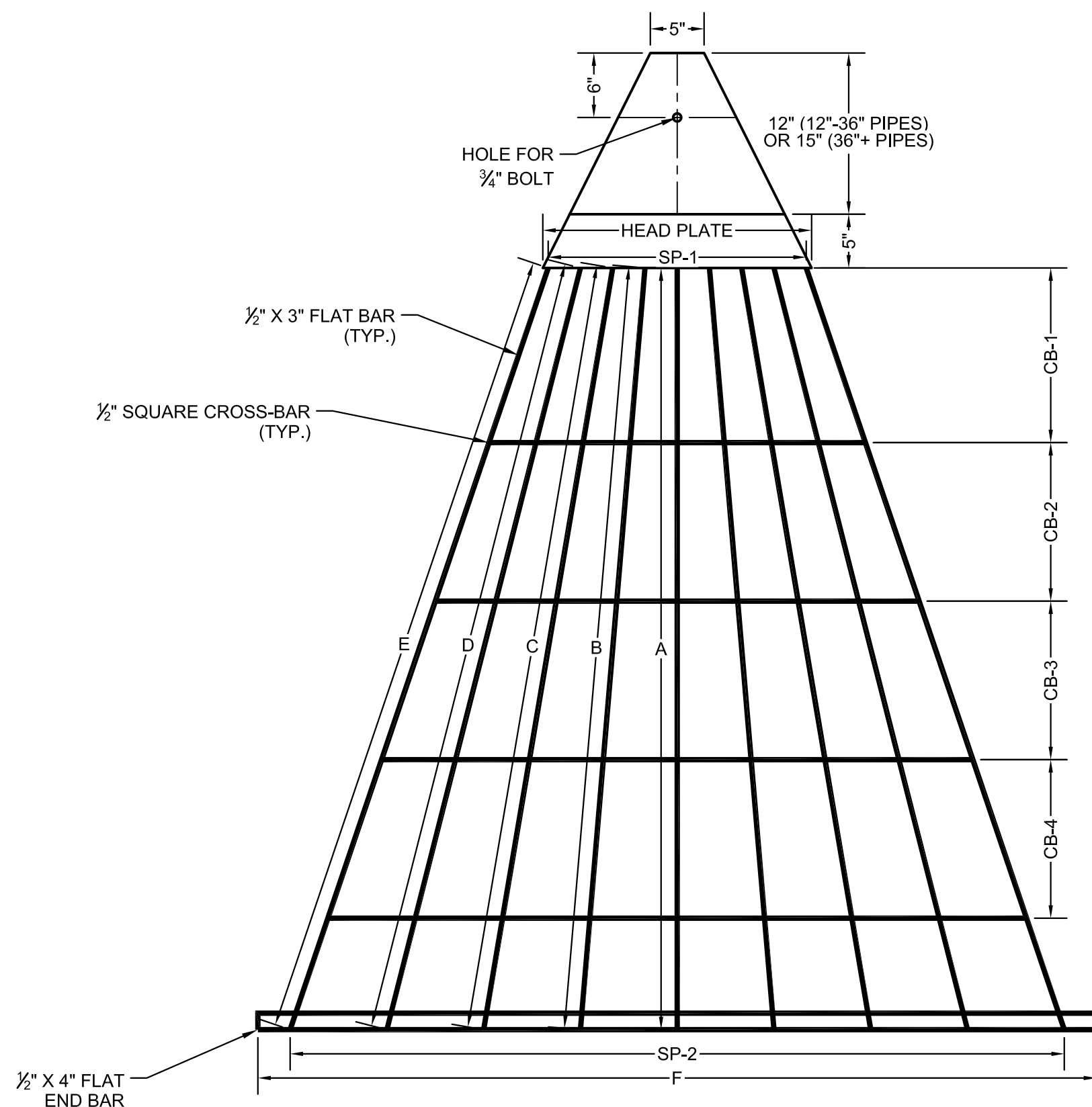


BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

Maize School South Campus
Line 4, Line 4A, and Line 4B

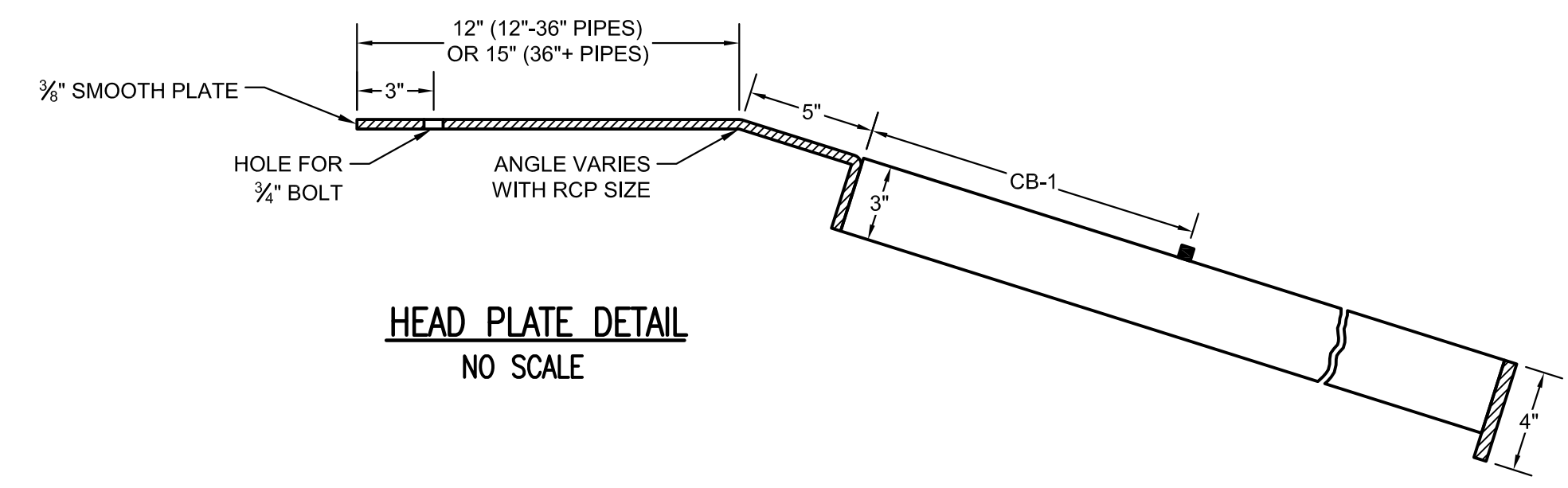
PROJECT NUMBER:	20-10-E737
DESIGN/ENG DRAWN/DFT	
DATE:	April 8, 2021
SHEET	5 OF 11

File: E:\Projects\USD 266 Maize South High School Fine Arts (20-10-E737)\Engineering\Phase 1\PPD\PPD-2021-000680 (60308970).dwg

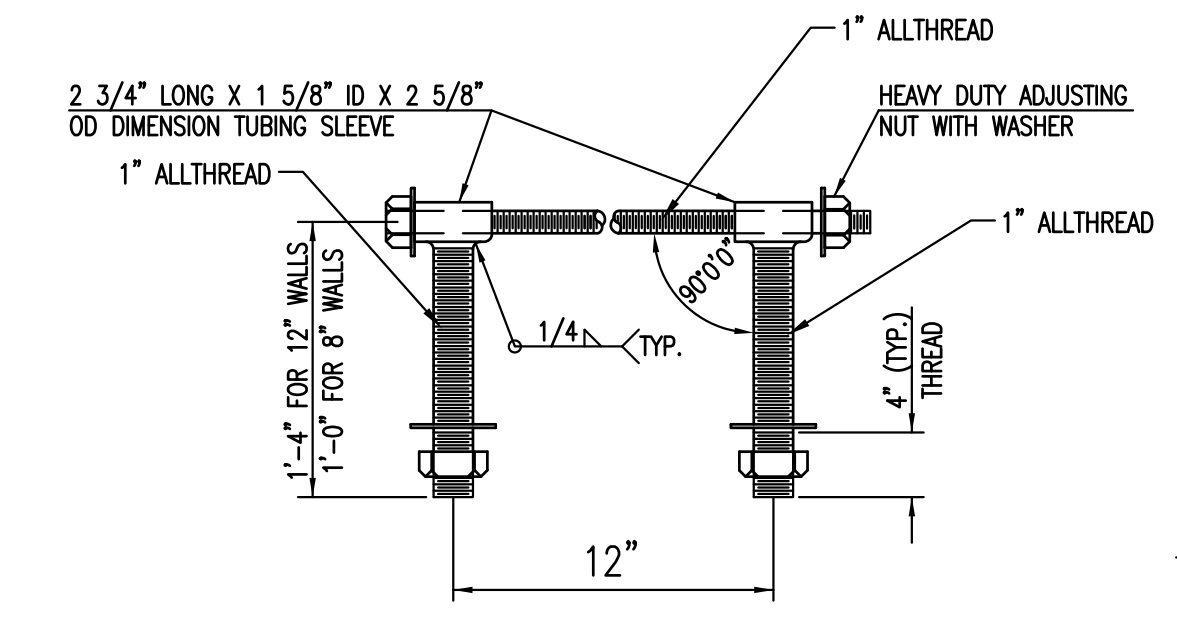


END GRATE DETAIL
NO SCALE
NOTE: GRATE TO BE USED AS DIRECTED BY THE CITY OF WICHITA.

GRATE DIMENSIONS													
PIPE SIZE	HEAD PLATE	A	B	C	D	E	F	CB-1	CB-2	CB-3	CB-4	SP-1	SP-2
12"	13"	19 1/4"	19 3/8"	-	-	-	27"	10 3/8"	-	-	-	3@4"	3@6"
15"	13"	23 1/2"	25 1/2"	-	-	-	34"	10 3/4"	-	-	-	3@4"	3@8"
18"	13"	25"	26 1/2"	-	-	-	40"	12 7/8"	-	-	-	3@4"	3@9"
24"	17"	41 1/2"	42 1/2"	43 1/2"	-	-	53"	12"	15"	-	-	4@4"	4@9"
30"	19"	51 1/2"	52 1/2"	53 1/2"	-	-	65"	16 1/4"	11 3/4"	12"	-	2@3"+3@4"	5@9"
36"	21"	60 1/2"	61 1/2"	62 1/2"	-	-	78"	18 5/8"	14 1/4"	16"	-	2@2"+4@4"	6@9"
42"	22"	65 1/2"	66 1/2"	67 3/8"	68 3/4"	-	86"	13 3/8"	12 5/8"	13"	11 3/4"	7@3"	7@9"
48"	25"	70 7/8"	71"	71 3/4"	73"	74 1/2"	90"	16 1/4"	14 3/4"	14 3/4"	14 3/4"	8@3"	8@9"
54"	26"	71 3/4"	73"	74 1/2"	74 3/4"	76 3/4"	96"	6 7/8"	20 7/8"	17 7/8"	15 5/8"	4@2 3/4"+5@3"	9@9"
60"	28"	61 1/8"	61 3/4"	62 3/4"	64 1/2"	66 5/8"	102"	12"	12"	11 1/2"	13"	2@2"+8@3"	10@9"

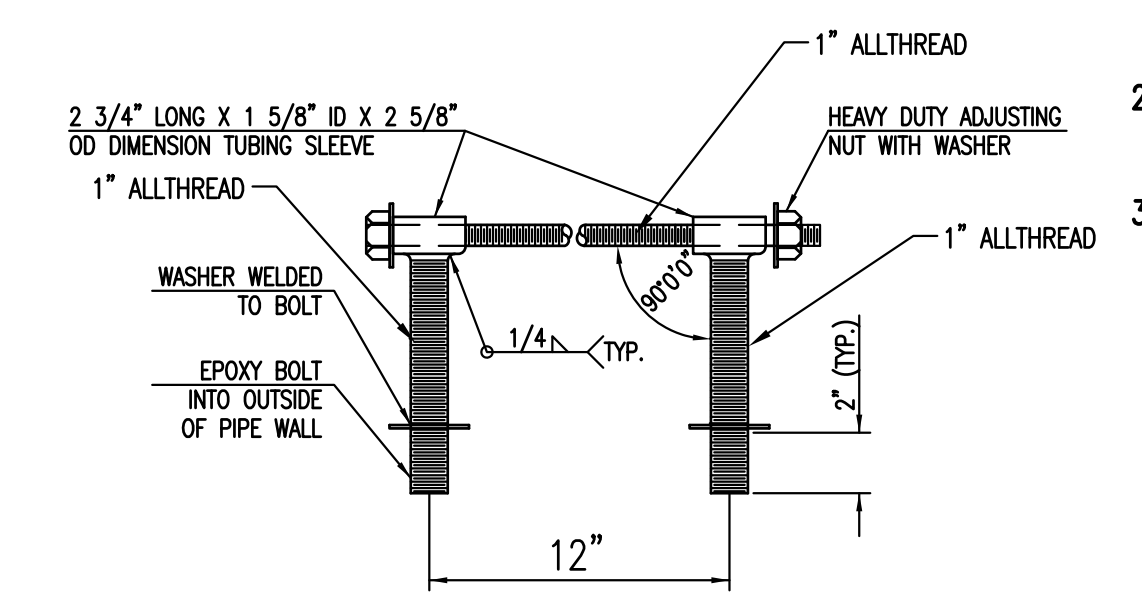


HEAD PLATE DETAIL
NO SCALE



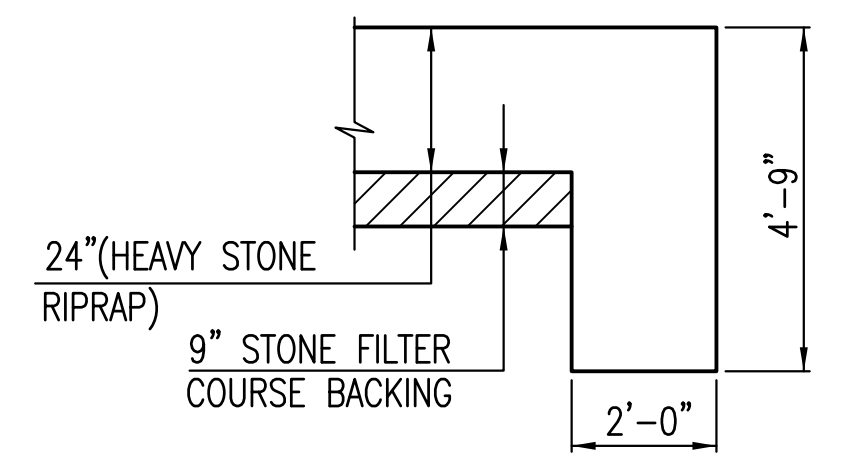
HEAVY DUTY (H.D.) COUPLER (>=36")
NO SCALE

- NOTES
1. BOLTS TO BE A-36 1 1/2" DIAMETER.
 2. BOLTS, NUTS, WASHERS AND SLEEVES TO BE ZINC PLATED.
 3. WASHERS TO BE 3 1/2" O.D. X 7 GAUGE.
 4. SHIP WITH NUTS AND WASHERS PLACED ON BOLTS.



HEAVY DUTY (H.D.) COUPLER (<=30")
NO SCALE

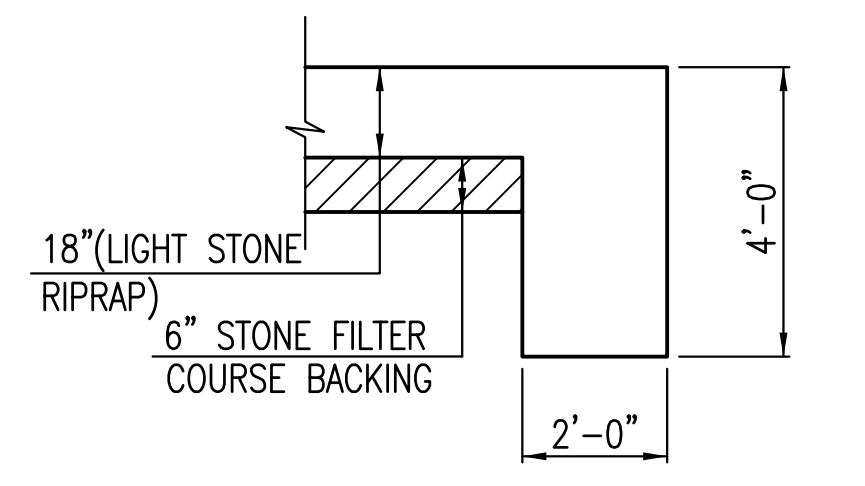
- NOTES
1. BOLTS TO BE A-36 1 1/2" DIAMETER.
 2. BOLTS, NUTS, WASHERS AND SLEEVES TO BE ZINC PLATED.
 3. WASHERS TO BE 3 1/2" O.D. X 7 GAUGE.
 4. SHIP WITH NUTS AND WASHERS PLACED ON BOLTS.



TYPICAL SECTION THRU TOEWALL
NO SCALE

- NOTES
1. ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE, NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED, UNLESS INDICATED OTHERWISE.
 2. TOEWALLS SHALL BE INSTALLED ALONG ALL UNPROTECTED EDGES OF STONE RIPRAP.
 3. GROUTING OF THE SURFACE OF THE RIPRAP SHALL NOT BE PERFORMED, UNLESS INDICATED OTHERWISE. GROUTING OF THE TOEWALLS SHALL BE PERFORMED PER CITY SPECIFICATIONS.

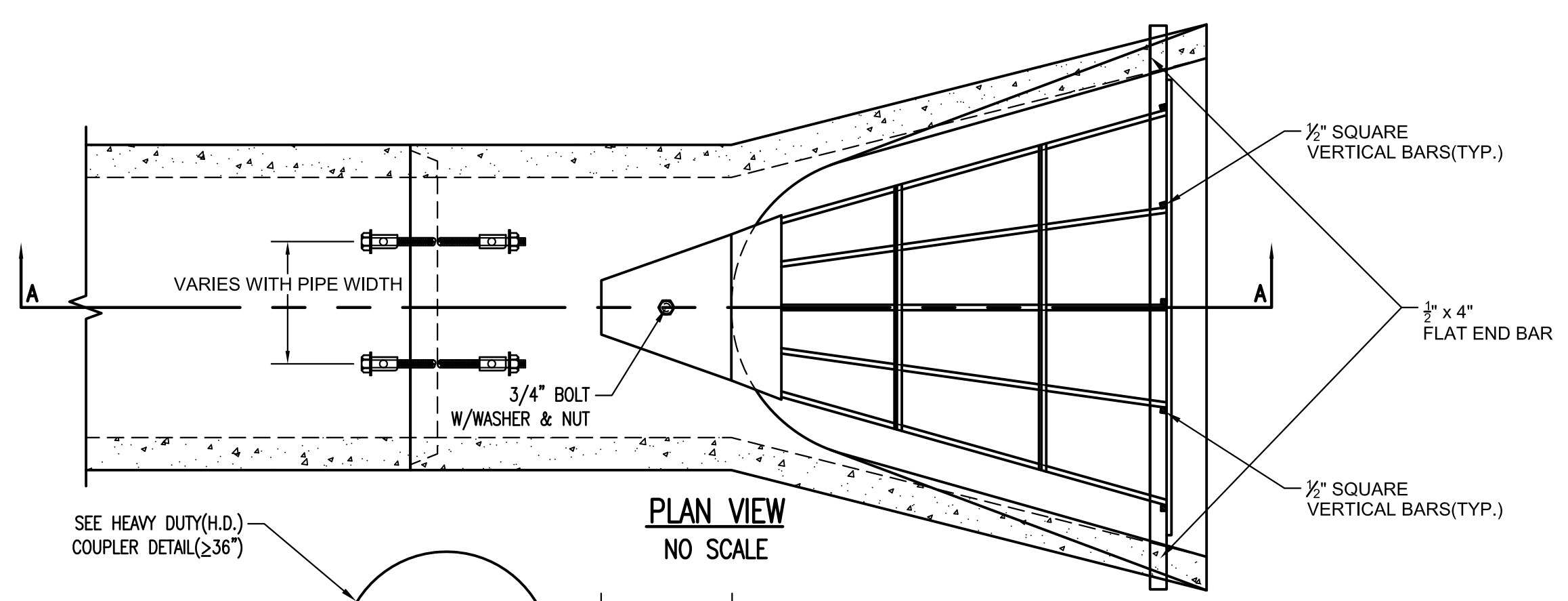
HEAVY STONE RIPRAP DETAILS



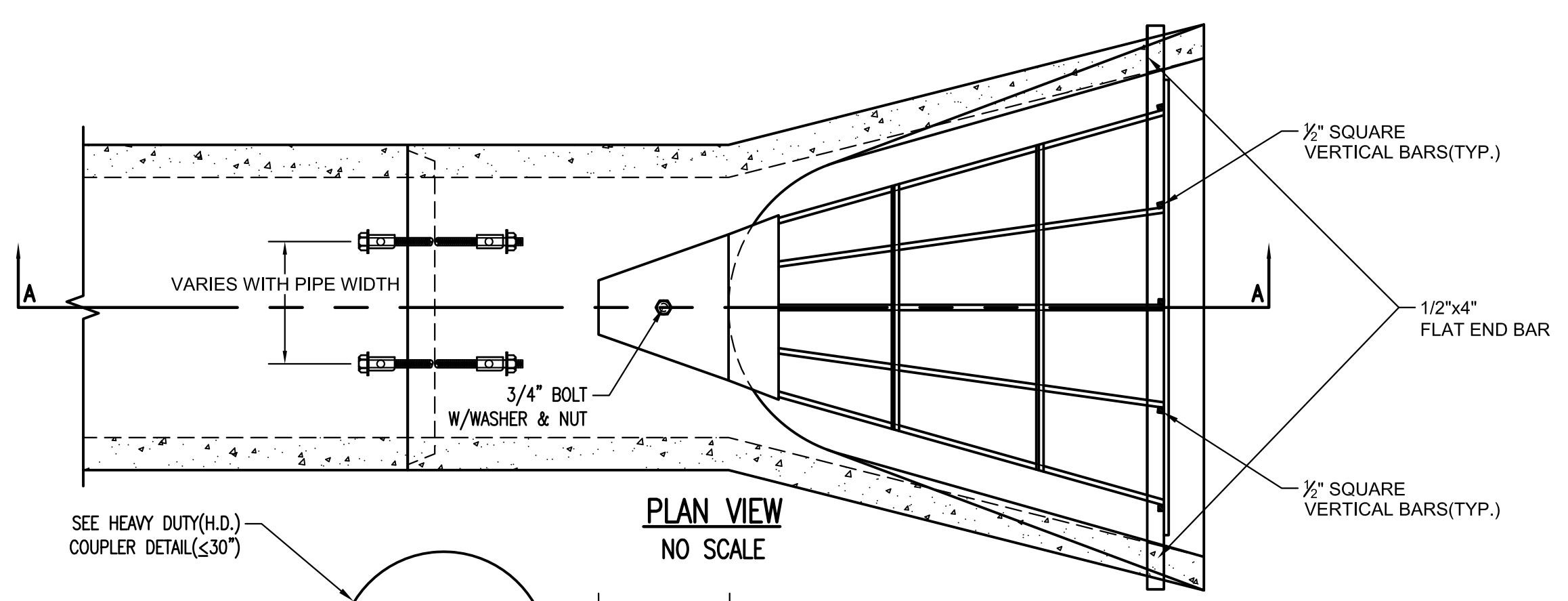
TYPICAL SECTION THRU TOEWALL
NO SCALE

- NOTES
1. ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE, NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED, UNLESS INDICATED OTHERWISE.
 2. TOEWALLS SHALL BE INSTALLED ALONG ALL UNPROTECTED EDGES OF STONE RIPRAP.
 3. GROUTING OF THE SURFACE OF THE RIPRAP SHALL NOT BE PERFORMED, UNLESS INDICATED OTHERWISE. GROUTING OF THE TOEWALLS SHALL BE PERFORMED PER CITY SPECIFICATIONS.

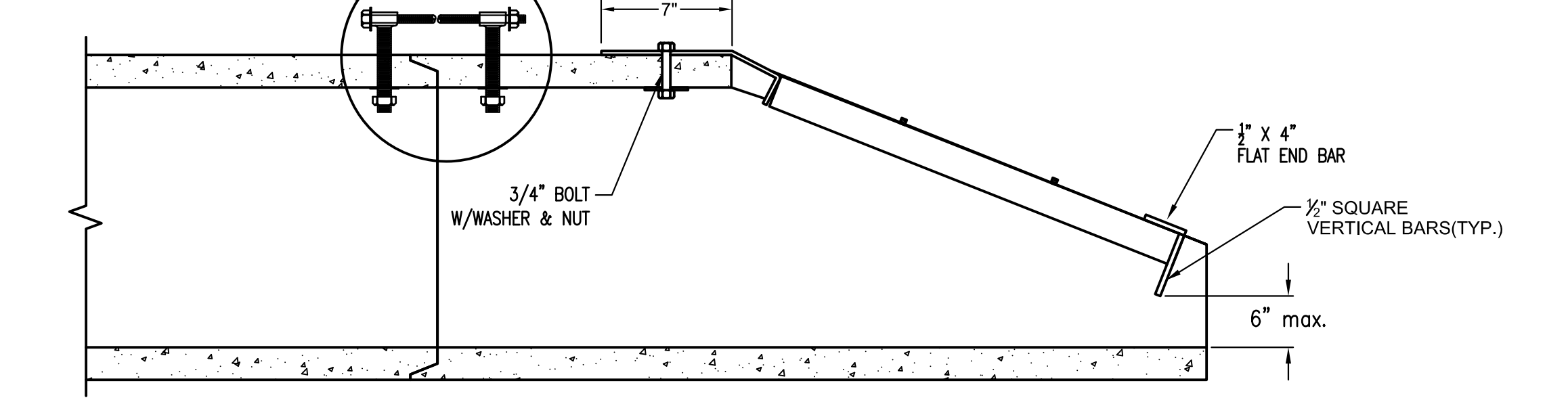
LIGHT STONE RIPRAP DETAILS



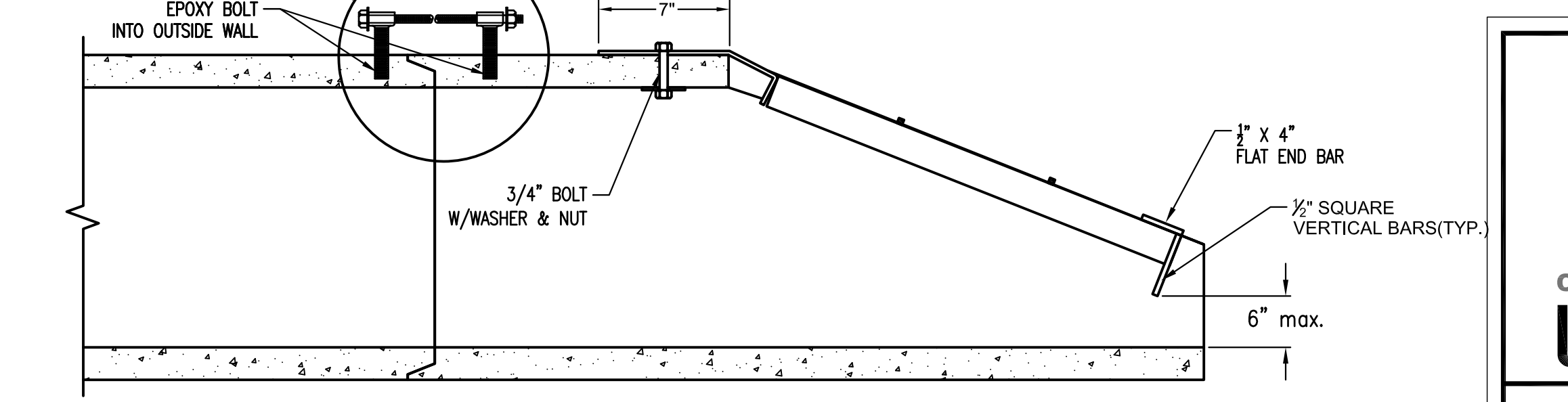
PLAN VIEW
NO SCALE



PLAN VIEW
NO SCALE



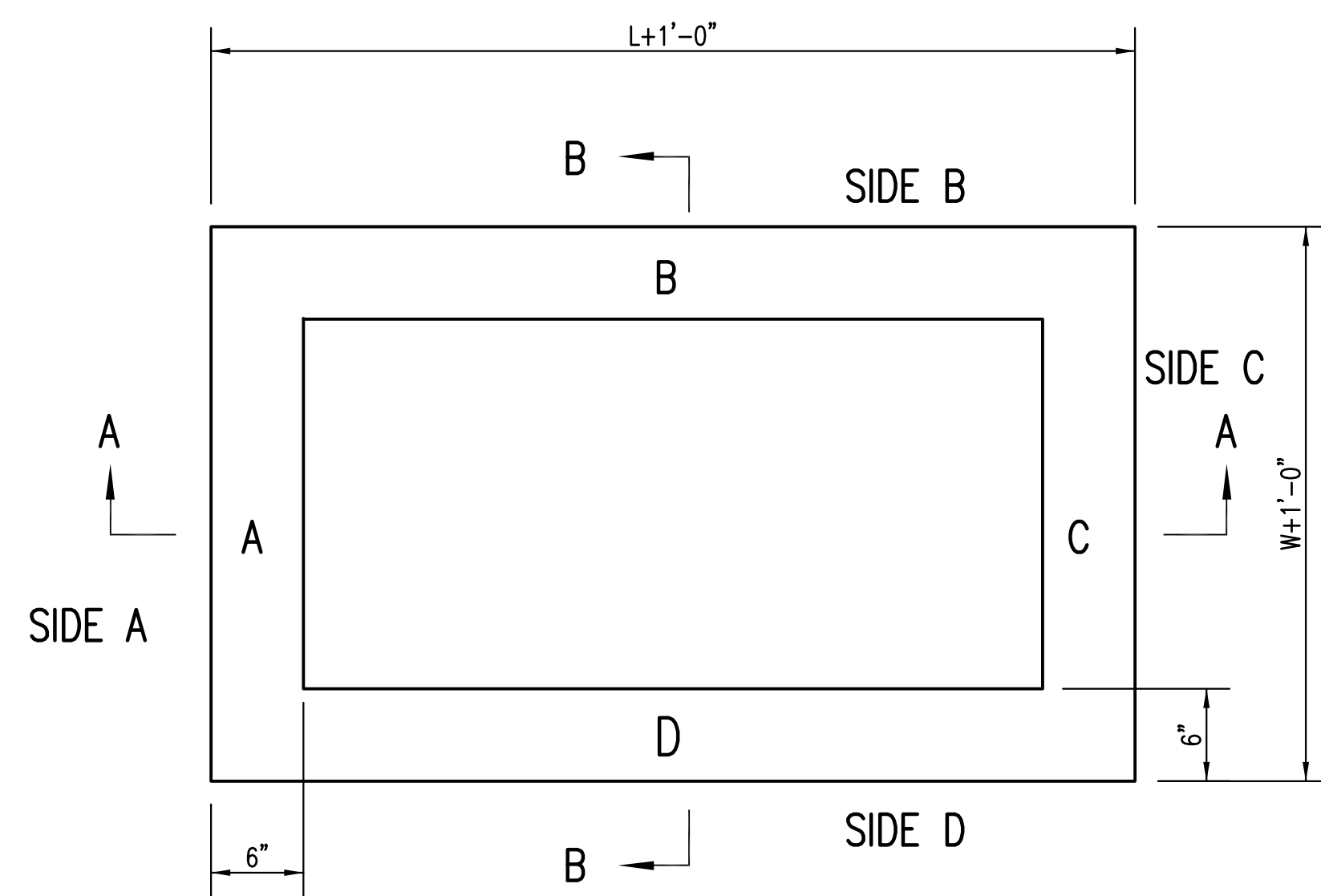
SECTION A-A



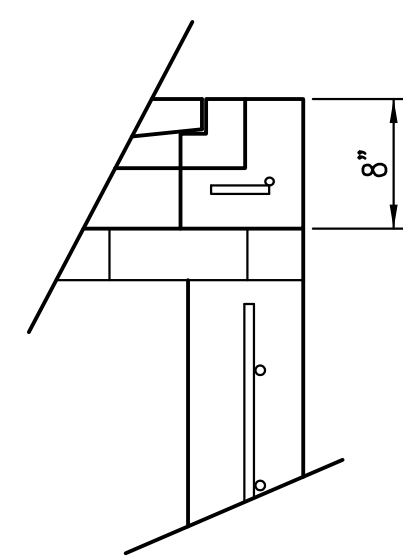
SECTION A-A



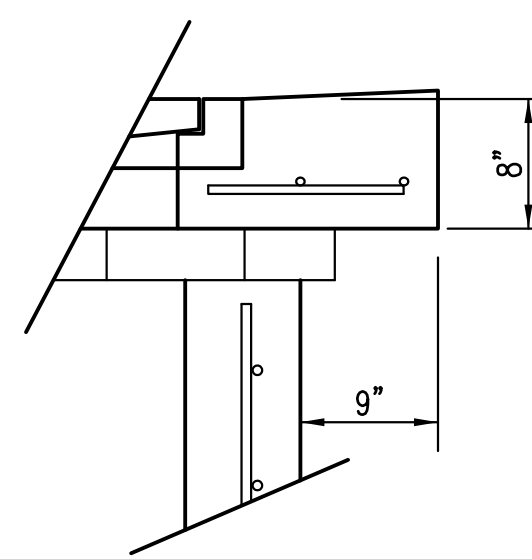
END SECTION, PIPE RESTRAINT COUPLER & END GRATE		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER	OCA NUMBER	DATE
		01/2015
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		DESIGN DRAWN SHEET



TOP VIEW

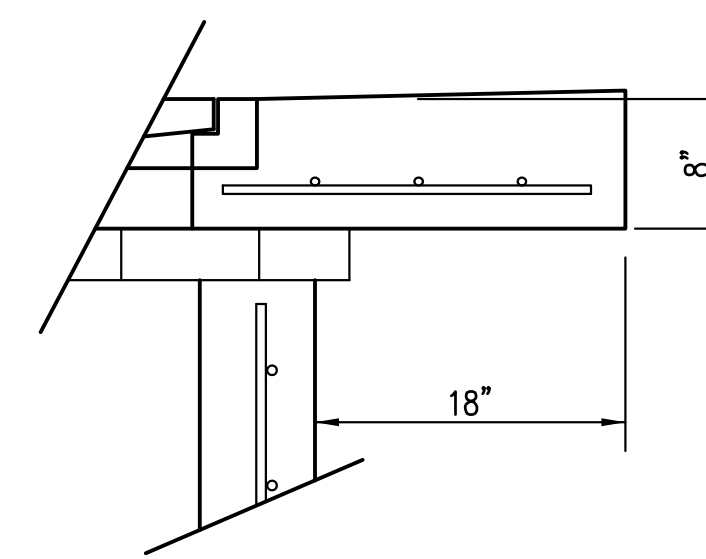


FLUSH STYLE TOP
NO APRON



9" APRON

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



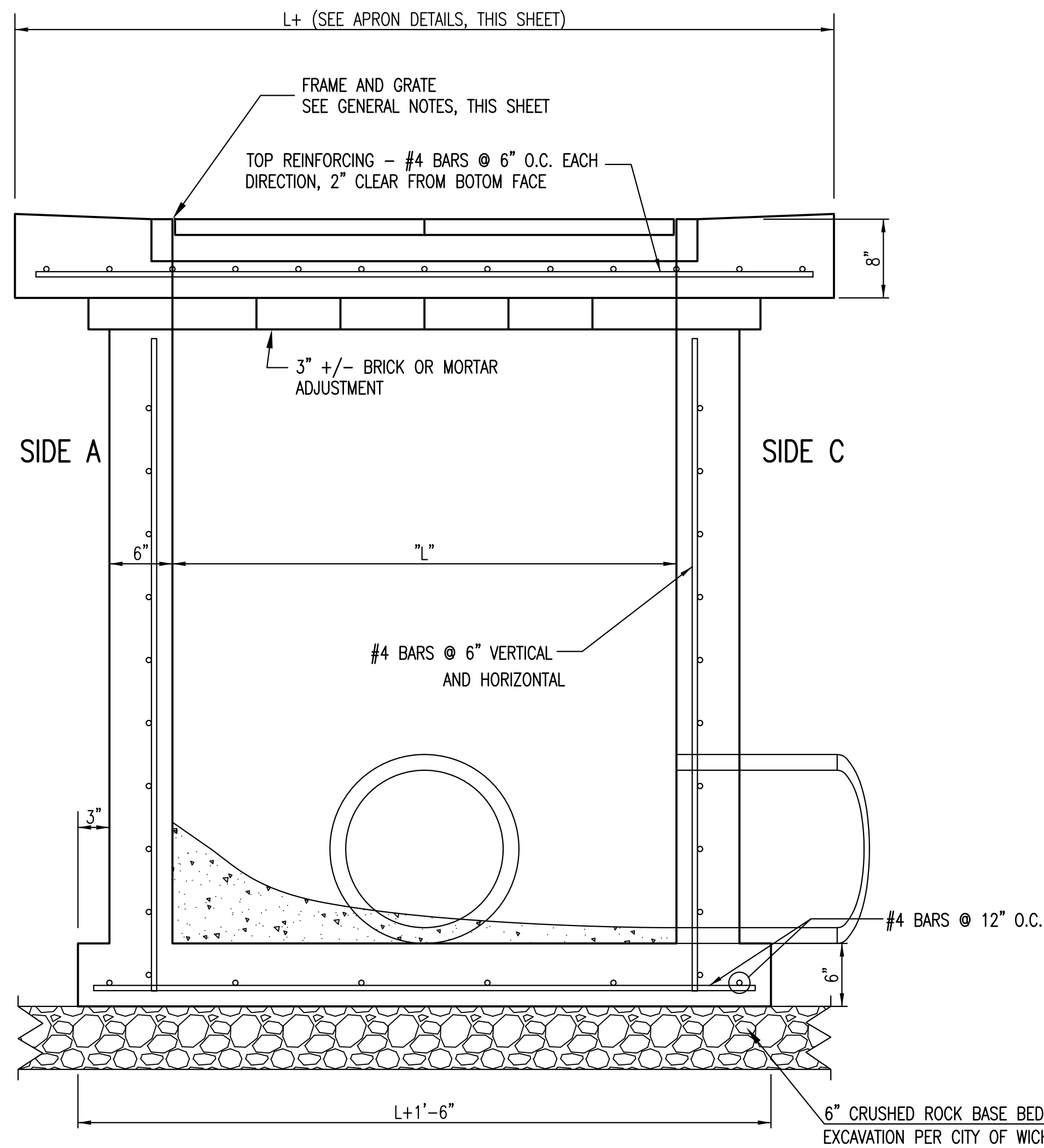
18" APRON

W=2' and L=2' for SINGLE DROP INLET
W=2' and L=4' for DOUBLE DROP INLET

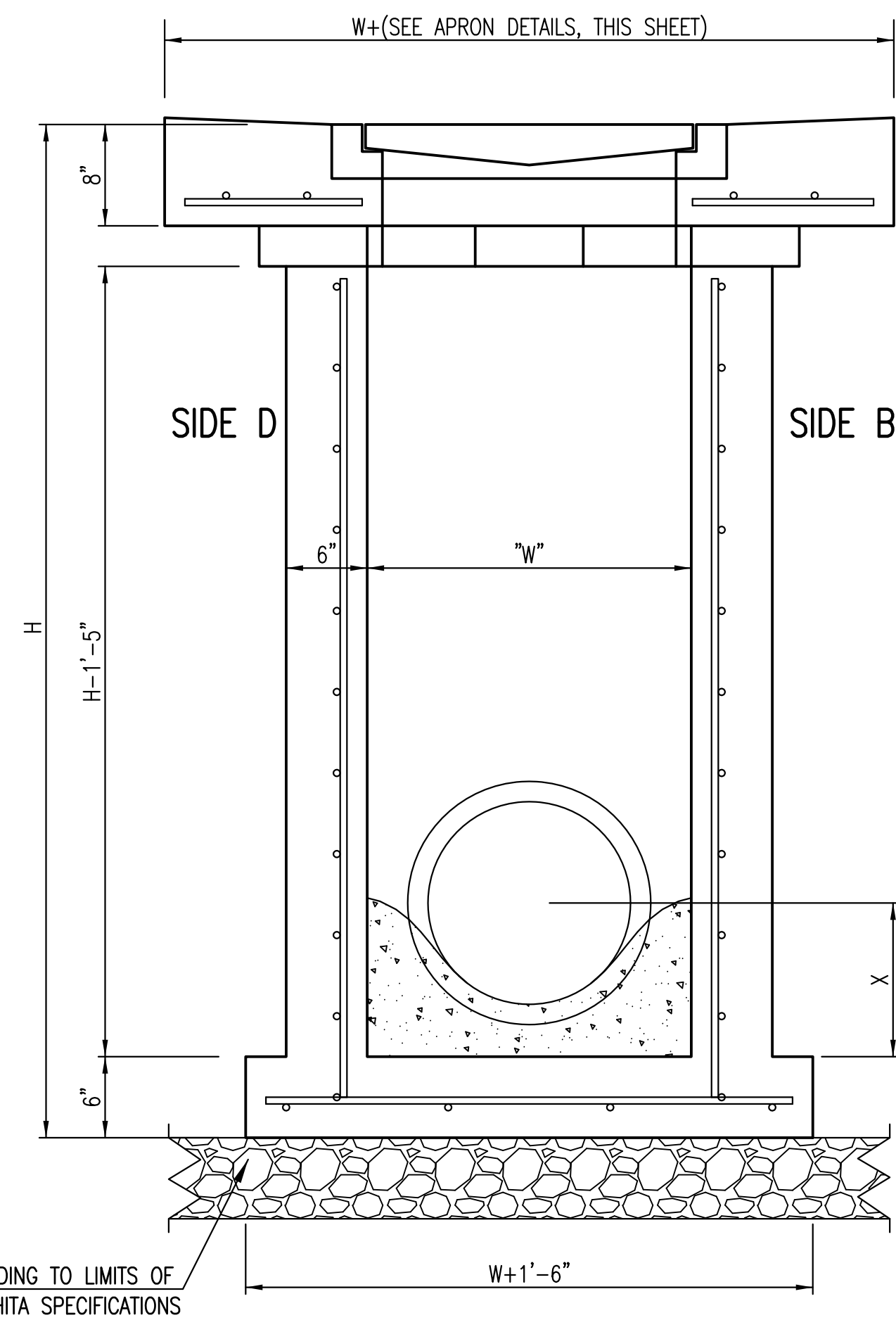
The structure(s) on this detail sheet are designed for HS-20 loading at these specific dimensions only. If larger dimensions are required, the ENGINEER shall provide a project specific structure design for approval by the City Engineer's office.

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.

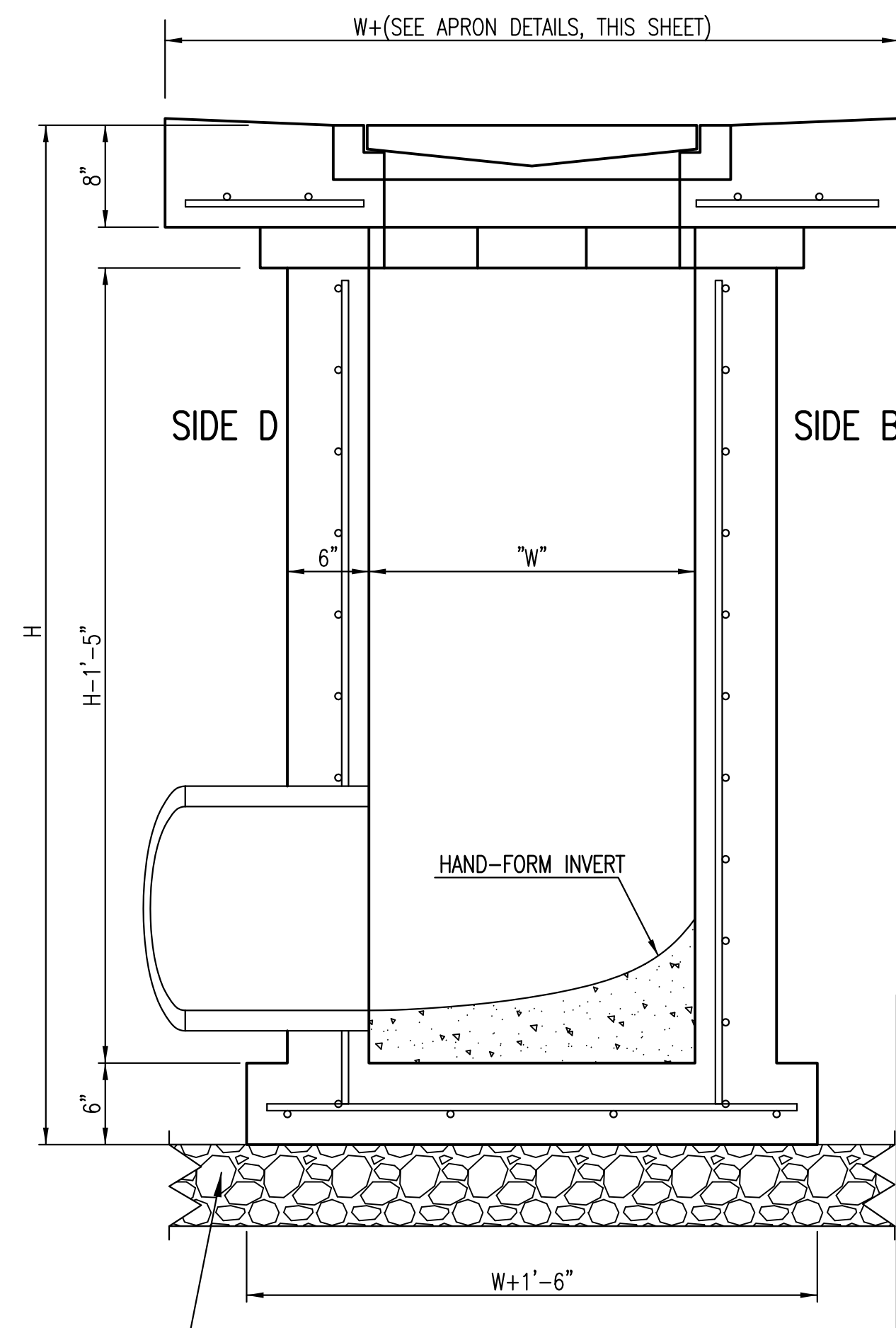


SECTION "A-A"



SECTION "B-B"
END OUTLET

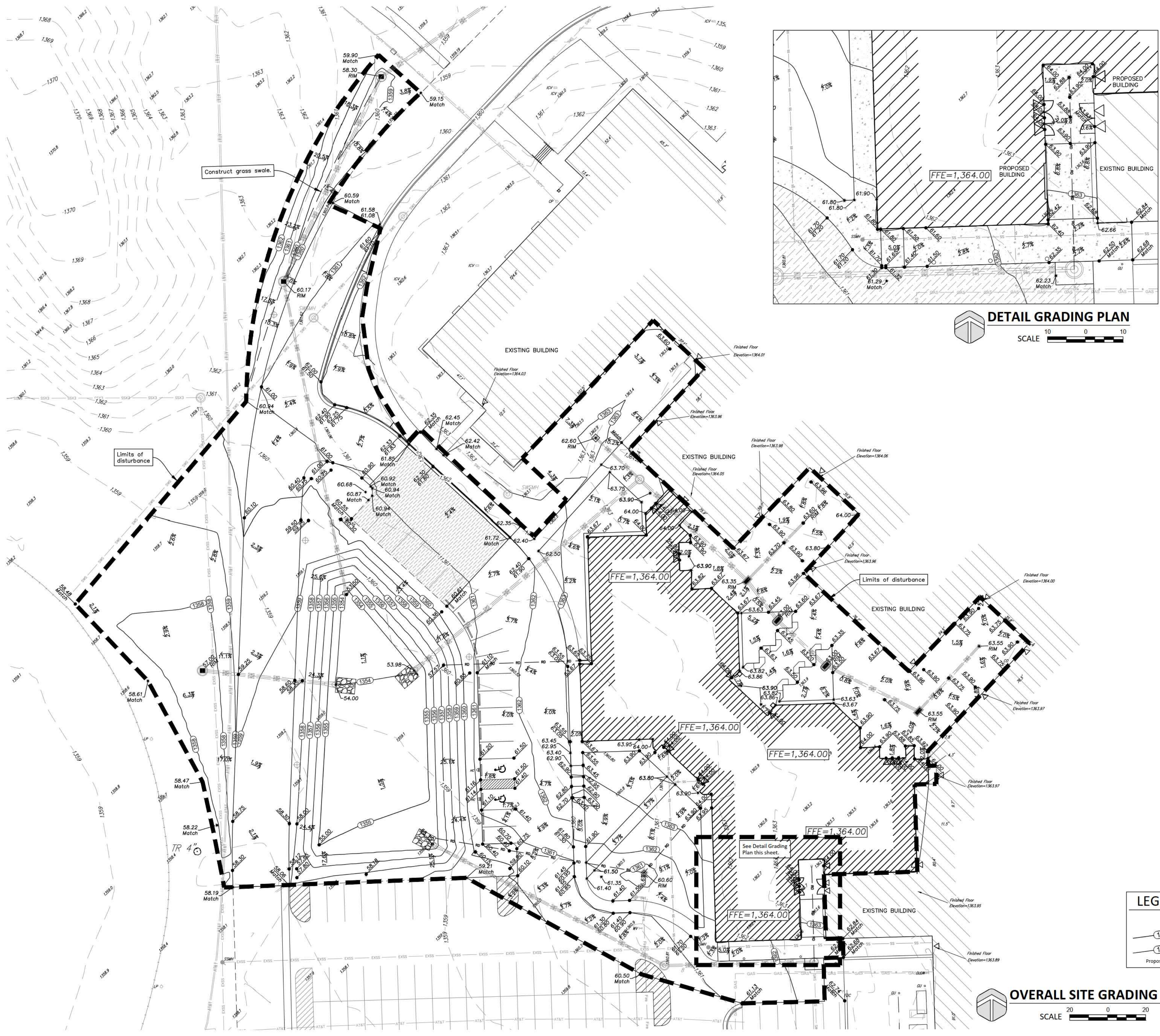
6" CRUSHED ROCK BASE BEDDING TO LIMITS OF EXCAVATION PER CITY OF WICHITA SPECIFICATIONS



SECTION "B-B"
SIDE OUTLET



REVISD: MARCH 2015		
SINGLE/DOUBLE DROP INLET		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER	OCA NUMBER	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET



LEGAL DESCRIPTION

PART OF LOT 1, BLOCK A, MAIZE SCHOOL SOUTH CAMPUS ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS.

SITE INFORMATION

Total Area:	27,829.653 sq. ft. (179.7 acres)
Disturbed Area:	106,688 sq. ft. (2.45 acres)
Impervious Area, pre-const:	128,119 sq. ft. (0.65 acres)
Impervious Area, post-const:	150,606 sq. ft. (1.39 acres)

BENCHMARKS

- Site Benchmark - 3
Mag nail with washer.
Elevation = 1356.17 (NAVD 88)
- Site Benchmark - 4
Mag nail with washer.
Elevation = 1353.64 (NAVD 88)
- Site Benchmark - 5
Mag nail with washer.
Elevation = 1359.68 (NAVD 88)

KANSAS ONE CALL

Contractor shall be required to provide notice to Kansas One Call at 287-2470 a minimum of three (3) working days prior to any excavation or work adjacent to utilities.

UTILITY CONTACTS

The Contractor must notify the following in case of an emergency:

Kansas Gas Service (Gas)	1-888-482-4950
Black Hills Energy (Gas)	1-800-303-0357
Evergy (Electric)	383-8650
Cox Communications (Telecommunication)	262-4270
AT&T (Telecommunication)	268-2759
City of Wichita Water Dept. (Water)	268-4563
City of Wichita Sewer Maint. (San. Sewer)	268-4908
City of Wichita Storm Sewer Maint. (Storm Sewer)	268-4024
City of Wichita Traffic Maint. (Traf. Control)	268-4034
Conoco Pipeline Co. (Petroleum)	1-800-231-2551
Williams Pipeline Co. (Petroleum)	529-6600
Phillips Pipeline Co. (Petroleum)	1-800-766-8230

GRADING NOTES

- Existing utilities and their locations, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The Contractor will be required to work around existing utilities which do not conflict with proposed construction.
- Traffic affected by the construction on this project shall be handled in accordance with the latest edition of the Local Manual on Uniform Traffic Control Devices.
- The Contractor shall verify all utility locations prior to construction of this project.
- Refer to Landscape Plan for Treatment of All Disturbed Areas.
- Signaling and striping shall be installed in accordance with Local City Specifications and Codes. Striping shall be painted markings in conformance with the latest edition of the Standard Specifications for State Road and Bridge Construction by the Kansas Department of Transportation.
- Paved Lot to be constructed with Paving as shown. See Architectural Site Plan and Geotechnical Report for Pavement and subgrade details.
- Proposed storm water sewer shall be the contractor's responsibility. This portion of the project shall be constructed under "Private Project." The storm sewer system shall be designed separately, and undergo Local City review and approval. The installation of the storm sewer is required to be done by a bonded contractor, inspected and certified. Refer to Separate Sewer and Storm Water Sewer Plan Set. The Contractor shall construct the sewer only from Local City approved plans which will be provided to the General Contractor or can be provided by Baughman Company, P.A.
- The Contractor shall notify adjacent landowners prior to proceeding with any construction work on landowner's property.
- Cross-Slopes on sidewalks around building shall not exceed 1/4" per foot (or 2%). Notify Landscape Architect of any discrepancies prior to forming of walks.
- Landscape Areas adjacent to Building shall be set 4" Below FFE, unless otherwise noted. At areas adjacent to the building and Sidewalk, landscape shall be graded to match the sidewalk section and drain away from the building. Transition landscape to match sidewalk to 4" below with a slope not exceeding 1/12.

SJCF architecture
Empire Center | 257 N. Broadway | Wichita, Kansas 67202-2303 | 316.684.0171
sjcf.com



DUDLEY WILLIAMS & ASSOCIATES, P.A.
STRUCTURAL ENGINEERS
BASIS ENGINEERING
MECHANICAL ENGINEERS
BASIS ENGINEERING
ELECTRICAL ENGINEERS
BAUGHMAN COMPANY, P.A.
CIVIL ENGINEERS

USD 266 MAIZE
MAIZE SOUTH HIGH SCHOOL (MSHS)
ADDITIONS & RENOVATIONS
3701 N. TYLER RD.
WICHITA, KS 67205

REVISIONS

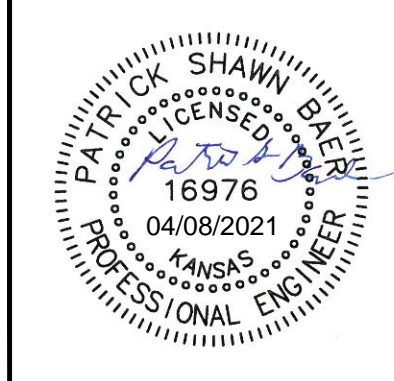
PROJECT NUMBER
5387.40

DATE
05 MARCH 2021

GRADING PLAN

C 2.0

**FOR REFERENCE ONLY
NOT TO SCALE**



BAUGHMAN COMPANY
315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

REFERENCE GRADING PLAN

PROJECT NUMBER:

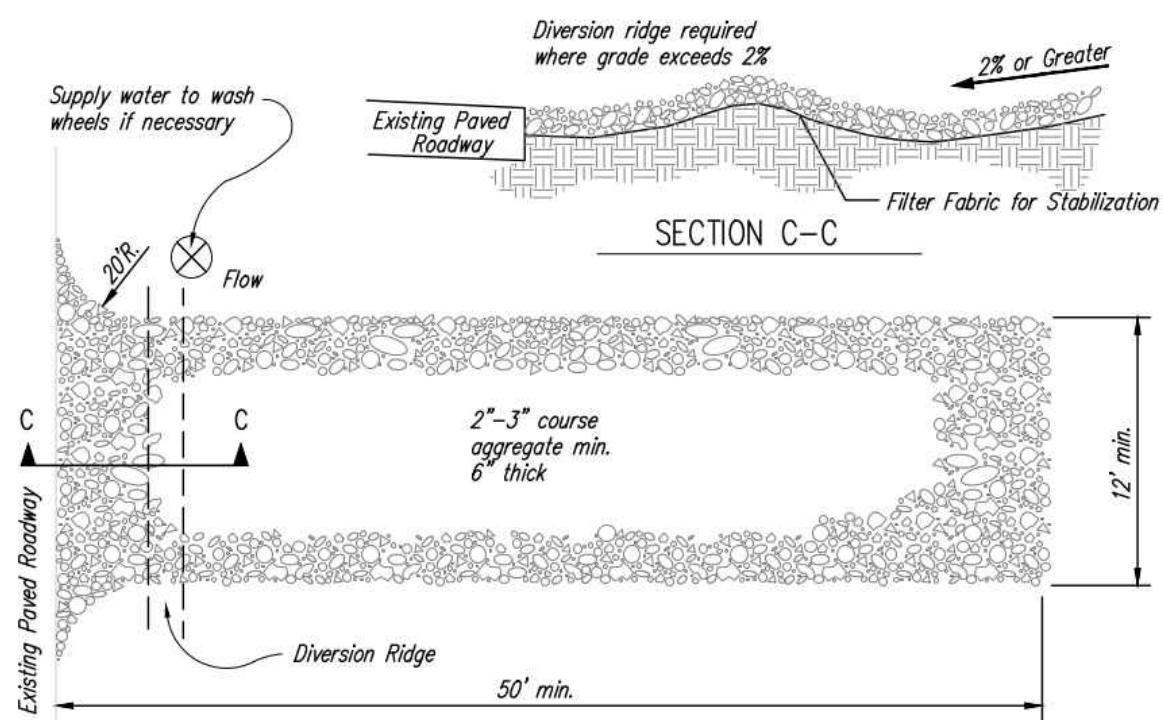
DESIGN: ENG DRAWN: DFT

DATE: Apr. 8, 2021

SHEET 9 OF 11

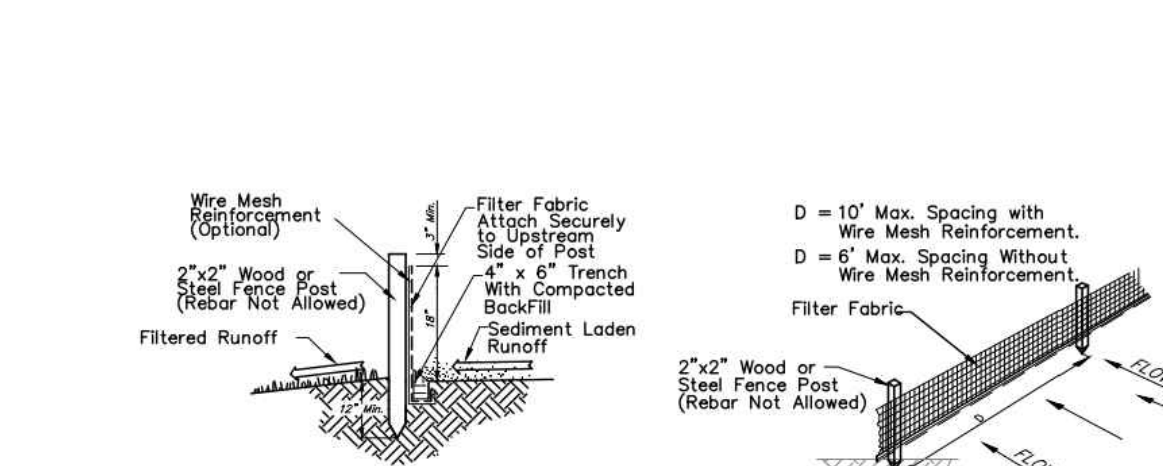
December 16, 2020
BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com

E:\Projects\USD 266 Maize South High School Fine Arts (20-10-E735)\Engineering\MSHS.dwg

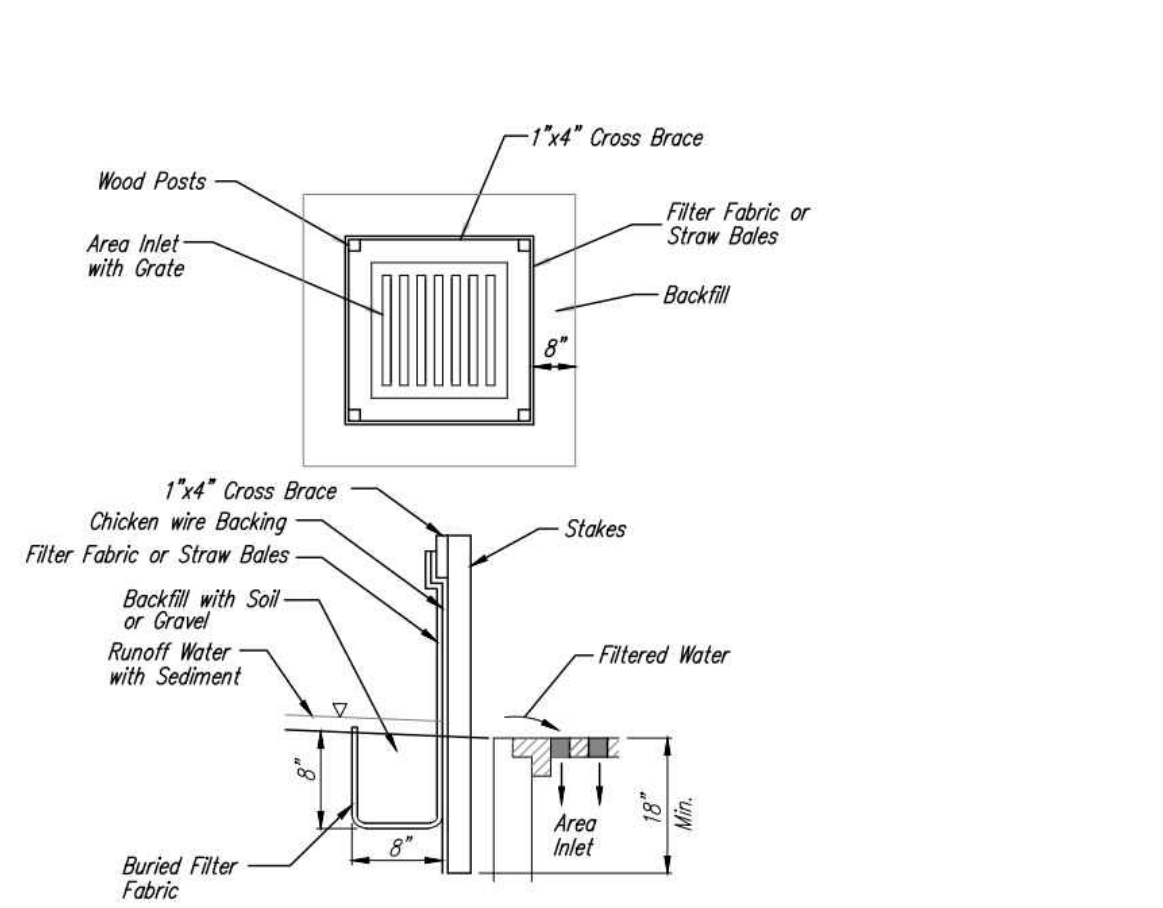


- NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC 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.

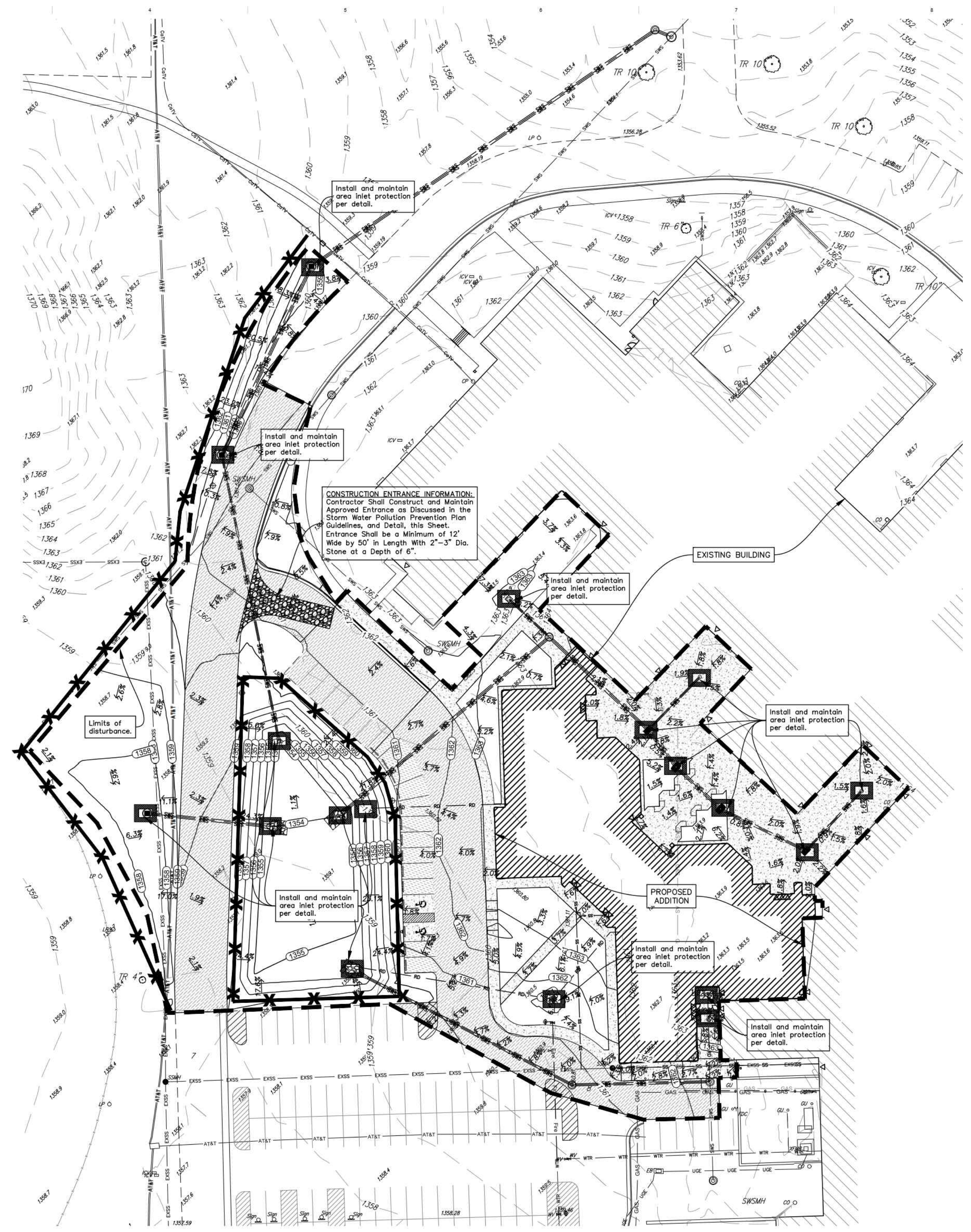
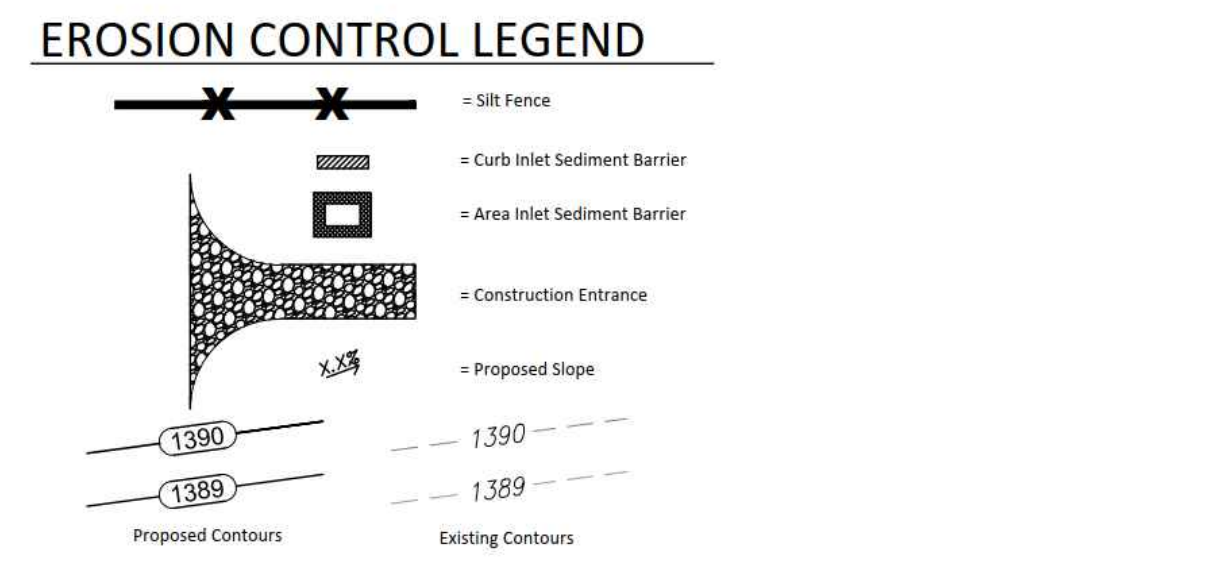
1 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



2 SILT FENCE DETAIL
NOT TO SCALE



3 INLET PROTECTION FOR AREA INLETS
(INLET PROTECTION: SILT FENCE OR STRAW BALES)



EROSION CONTROL PLAN
SCALE 30 0 30

LEGAL DESCRIPTION

PART OF LOT 1, BLOCK A, MAIZE SCHOOL SOUTH CAMPUS ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS.

SITE INFORMATION

Total Area: 27,829,653 sq. ft. (179.7 acres)
Disturbed Area: 2106,688 sq. ft. (2.45 acres)
Impervious Area, pre-const: 222,119 sq. ft. (0.51 acres)
Impervious Area, post-const: 260,606 sq. ft. (1.39 acres)

BENCHMARKS

Site Benchmark - 3
Mag nail with washer.
Elevation = 1356.17 (NAVD 88)

Site Benchmark - 4
Mag nail with washer.
Elevation = 1353.64 (NAVD 88)

Site Benchmark - 5
Mag nail with washer.
Elevation = 1359.68 (NAVD 88)

KANSAS ONE CALL

Contractor shall be required to provide notice to Kansas One Call at 287-2470 a minimum of three (3) working days prior to any excavation or work adjacent to utilities.
Kansas One Call 1-800-DIG-SAFE

UTILITY CONTACTS

The Contractor must notify the following in case of an emergency:

Kansas Gas Service (Gas)	1-888-482-4950
Black Hills Energy (Gas)	1-800-309-0557
Evergy (Electric)	389-8650
Com Communications (Telecommunication)	262-4270
AT&T (Telecommunication)	268-2759
City of Wichita Water Dept. (Water)	268-4563 or 268-4908
City of Wichita Sewer Maint. (San. Sewer)	268-4024 or 262-6000
City of Wichita Storm Sewer Maint. (Storm Sewer)	268-4090
City of Wichita Traffic Maint. (Traf. Control)	268-4034 or 268-4203
Conoco Pipeline Co. (Petroleum)	1-800-231-2551
Williams Pipeline Co. (Petroleum)	529-6600 or 1-800-324-9696
Phillips Pipeline Co. (Petroleum)	1-800-766-8230

EROSION CONTROL NOTES

1. No land clearing or grading shall begin until all applicable erosion control measures have been installed. This project is subject to this SWPP Plan, if applicable. The Contractor shall comply with any unusual requirements as necessary for the site to be in compliance during construction, per this plan and per City and State specifications (See #11).
2. All exposed areas shall be seeded as specified within 14 days of final grading. Seed is to include straw mulch, crimped in place per industry standards.
3. Should construction stop for longer than 14 days, the site shall be seeded as specified.
4. Maintain erosion control measures after each rain and at least once a week.
5. This plan shall not be considered all inclusive as the contractor shall take all necessary precautions to prevent soil sediment from leaving the site.
6. Contractor shall comply with all state and local ordinances that apply.
7. Additional erosion and sediment control measures will be installed if deemed necessary by on site inspection.
8. Land disturbing activities shall not commence until approval to do so has been received by governing authorities.
9. If installation of storm drainage system should be interrupted by weather or nightfall, the pipe ends shall be covered with filter fabric.
10. See Landscape Plan for ground treatments in all disturbed areas beyond impervious surfaces.
11. This Erosion Control 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.
12. ANY substitutions for the sediment control devices shown, must be approved by the Landscape Architect and/or Engineer prior to any uses on site.
13. If site disturbance is over 1 acre, an NPDES Permit Application has been submitted for this property and a copy of this application must be kept at the job site for the duration of the construction process.

SJC architecture
Wichita, Kansas 67202-2303 | 316.684.0171
sjc.com

FOR REFERENCE ONLY
NOT TO SCALE



DUDLEY WILLIAMS & ASSOCIATES, P.A.
STRUCTURAL ENGINEERS
BASIS ENGINEERING
MECHANICAL ENGINEERS
BASIS ENGINEERING
ELECTRICAL ENGINEERS
BAUGHMAN COMPANY, P.A.
CIVIL ENGINEERS

USD 266 MAIZE
MAIZE SOUTH HIGH SCHOOL (MSH)
ADDITIONS & RENOVATIONS
3701 N. TYLER RD.
WICHITA, KS 67205

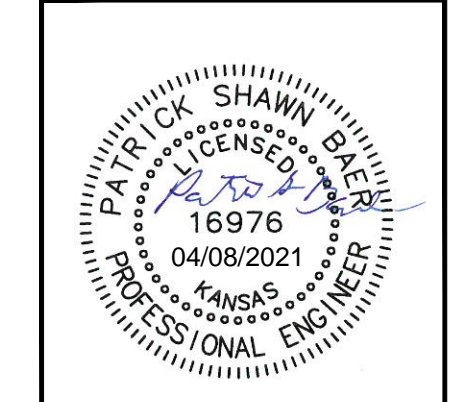
REVISIONS

PROJECT NUMBER
5387.40

DATE
05 MARCH 2021

EROSION CONTROL PLAN

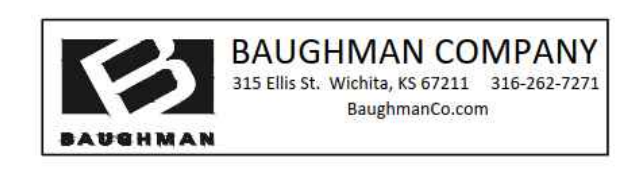
C 3.0



BAUGHMAN COMPANY
315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

Maize School South Campus
REFERENCE BMP PLAN

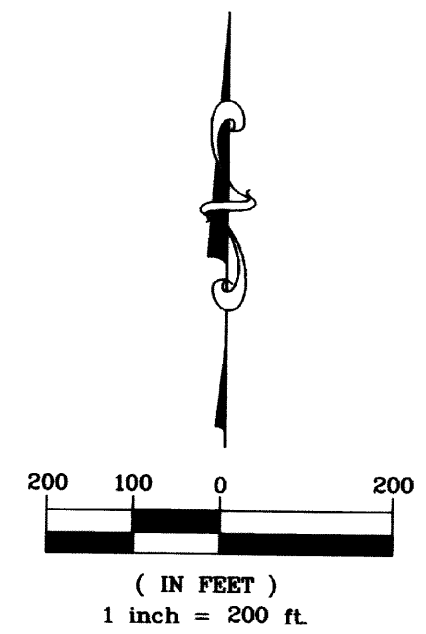
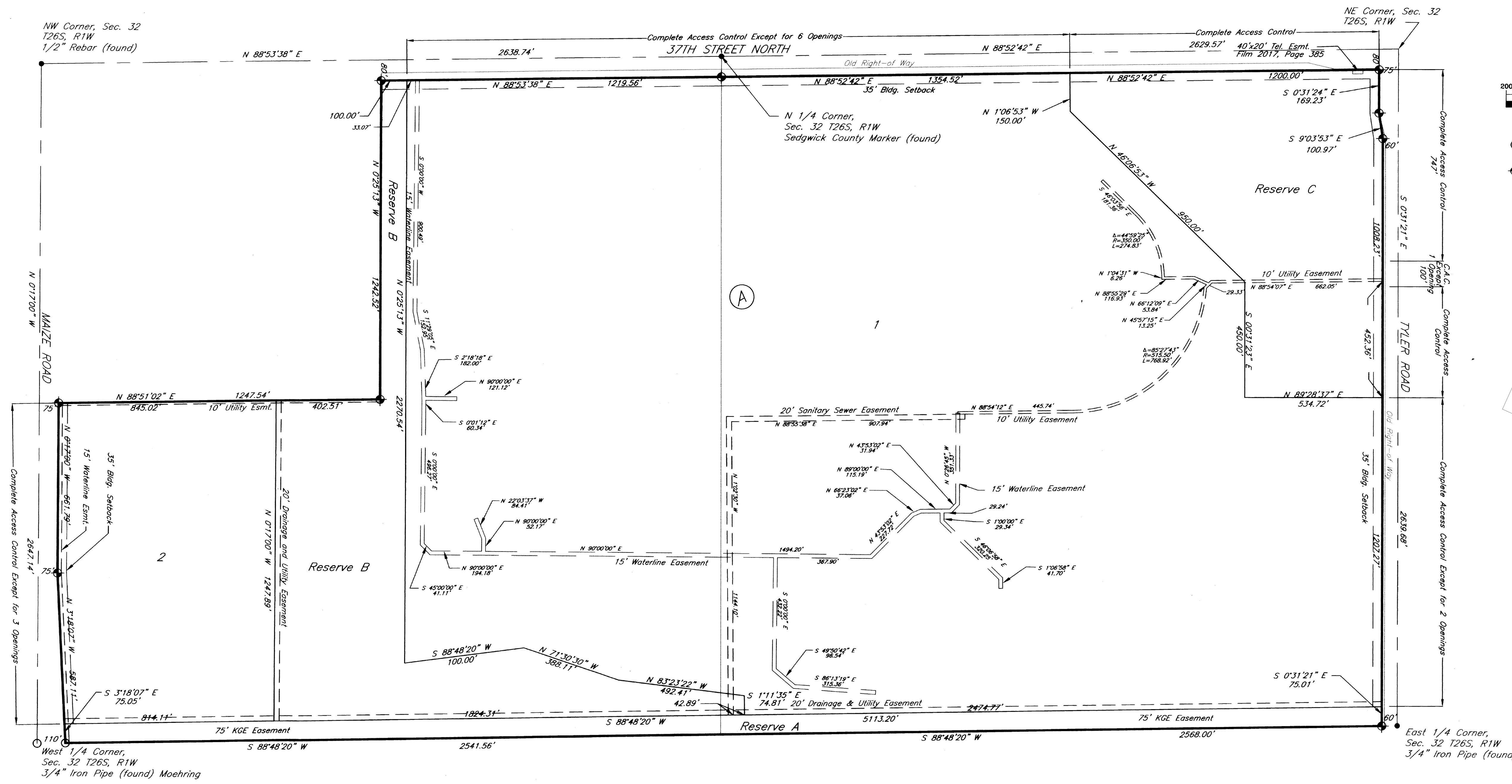
PROJECT NUMBER:
DESIGN: ENG DRAWN: DFT
DATE: Apr. 8, 2021
SHEET **10** OF **11**



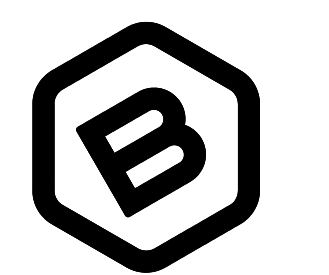
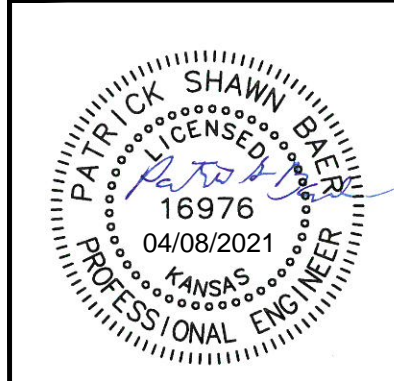
MAIZE SCHOOL SOUTH CAMPUS ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

Part of the North 1/2, Section 32, Township 26 South, Range 1 West of the 6th. P.M.



**FOR REFERENCE ONLY
NOT TO SCALE**



BAUGHMAN COMPANY
315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

**COPY OF
PLAT**

PROJECT NUMBER:
DESIGN: ENG DRAWN: DFT
DATE: Apr. 8, 2021
SHEET 11 OF 11

