

GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
2. Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
 Kansas One-Call 687-2470
 The Contractor must notify the following in case of an emergency:
 AT&T 1-800-246-8464
 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 1-888-462-4950
 Westar Energy 1-800-544-4857
3. Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
4. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain 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 will require additional archaeological investigations unless buried in a previously approved borrow location.
5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
6. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
7. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
8. 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 final grades by the Contractor.
9. The Contractor shall notify the inspecting engineer and Tom Mason at 316-268-4574 with the City of Wichita 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.
10. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coon at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.
11. All elevations shown are NAVD 88.
12. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

13. Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
14. All applicable fees (tap, equity, in lieu of & main benefit) must be paid before any connections can be made on this project. Quotes can be obtained on fees by calling 316-268-4555.
15. City Maintenance of sanitary sewer mains ends at last structure within the easement or right-of-way.
16. All stubs and capped pipes shall be located with green plastic tape in the same manner as risers. Contractor shall limit the extent of trench open overnight and weekends to less than 50 feet.
17. Connecting to Existing Manholes: Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where the stub is unusable due to elevation grade or alignment, the Contractor shall remove the stub and plug the hole, and reshape the existing manhole invert to provide smooth flow. Where connecting to an existing manhole that does not have an existing stub, the Contractor shall core cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.
18. Contractor shall limit the extent of trench open overnight and weekends to less than 50 feet.
19. Contractor shall provide positive drainage away from all manhole covers.
20. The Contractor shall prevent any construction debris from entering the existing sanitary sewer during construction.
21. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.
22. Any over excavation from manhole and pipe removal shall be backfilled with AB-3 compacted to 90-95% ASTM D698.
23. The contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractors expense.
24. All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the engineer.
25. Contractor shall grade around exposed manholes at a 1:1 slope. Manholes set lower than existing grade shall have a 9" berm constructed around manhole to prevent infiltration into sanitary sewer system. Cost of dirt, labor, equipment, etc. to be incidental to cost of manhole.
26. All areas disturbed during construction shall be seeded, mulched, and fertilized as follows (Permanent Seeding):
 Seed: Kansas Premium Fescue Blend: 8 lbs./1000 sq. ft.
 Mulch: Prairie Hay: 2 tons/acre
 Fertilizer: 12-24-12: 850 lbs./acre
 All costs associated with seeding, mulching, and fertilizing shall be included in bid item "Seeding". All seeding operations shall conform to City of Wichita Standard Specifications.
27. 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.
28. 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 "Site Restoration".

SANITARY SEWER IMPROVEMENTS to serve

MAIZE SCHOOL SOUTH CAMPUS ADD.

3701 N. TYLER ROAD
CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
2303 PPS (184011)

Benchmarks

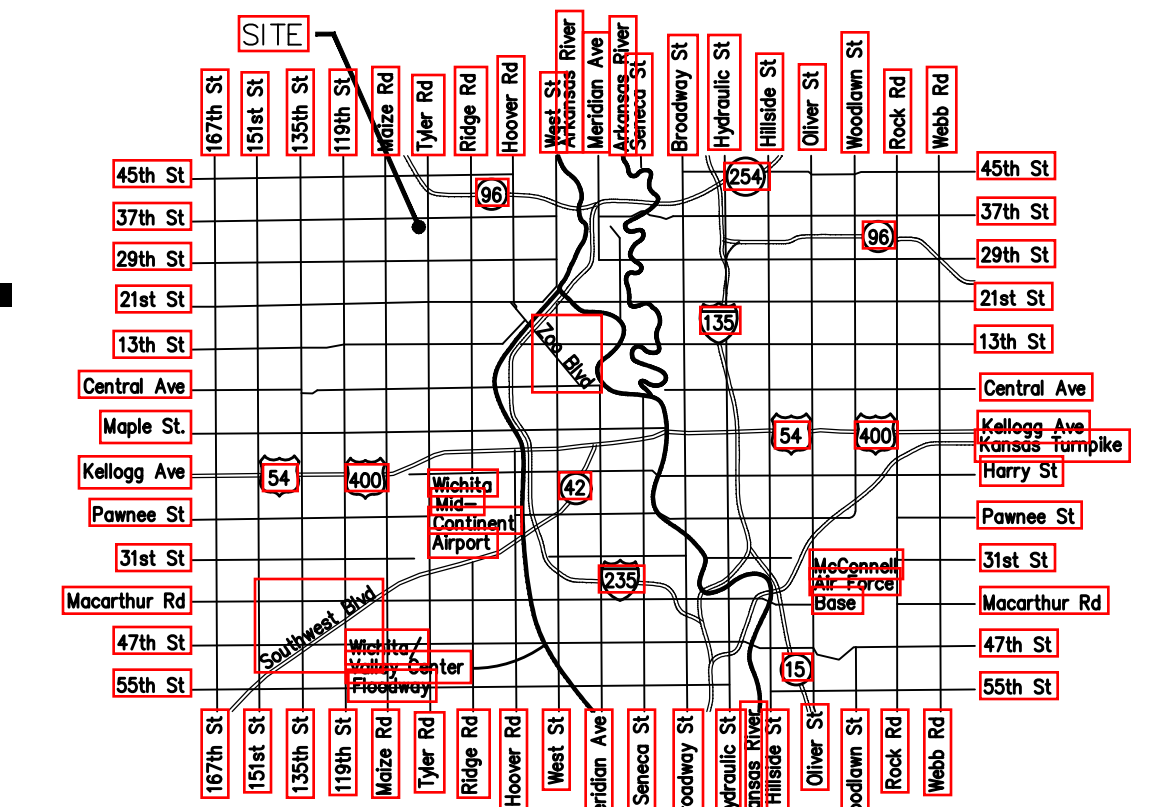
SITE BENCHMARK #3
Mag Nail with Washer, 225' west of East curb Southwest parking lot.
Elevation=1356.17 (NAVD 88)

SITE BENCHMARK #4
Mag Nail with Washer, South parking stall in Southeast parking lot, north of football field entrance.
Elevation=1353.64 (NAVD 88)

SITE BENCHMARK #5
Mag Nail with Washer, east side of perimeter drive, east side of building.
Elevation=1359.68 (NAVD 88)

SITE BENCHMARK #7
"X" Chiseled on Sidewalk, SE corner of 37th & Tyler roads.
Elevation=1352.75 (NAVD 88)

T. Mason - City of Wichita, Inspector
Stub
Release Date: 5/15/2017
: apr 5/22/2017



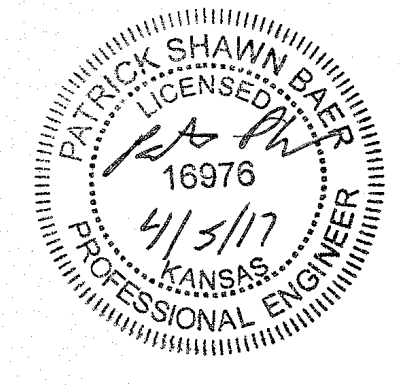
Vicinity Map

AS-BUILT PLANS
CONTRACTOR: MIES CONSTRUCTION
SUPERINTENDENT: ALBERT WILLIAMS
FOREMAN: DOUG GOSSER
INSPECTED BY: JACOB MORRIS, SCHWAB EATON
PDF BY: JM 05.11.17

Sheet Index

Title Sheet	1
Line 1	2
Erosion Control Plan	3
Copy of Plat	4

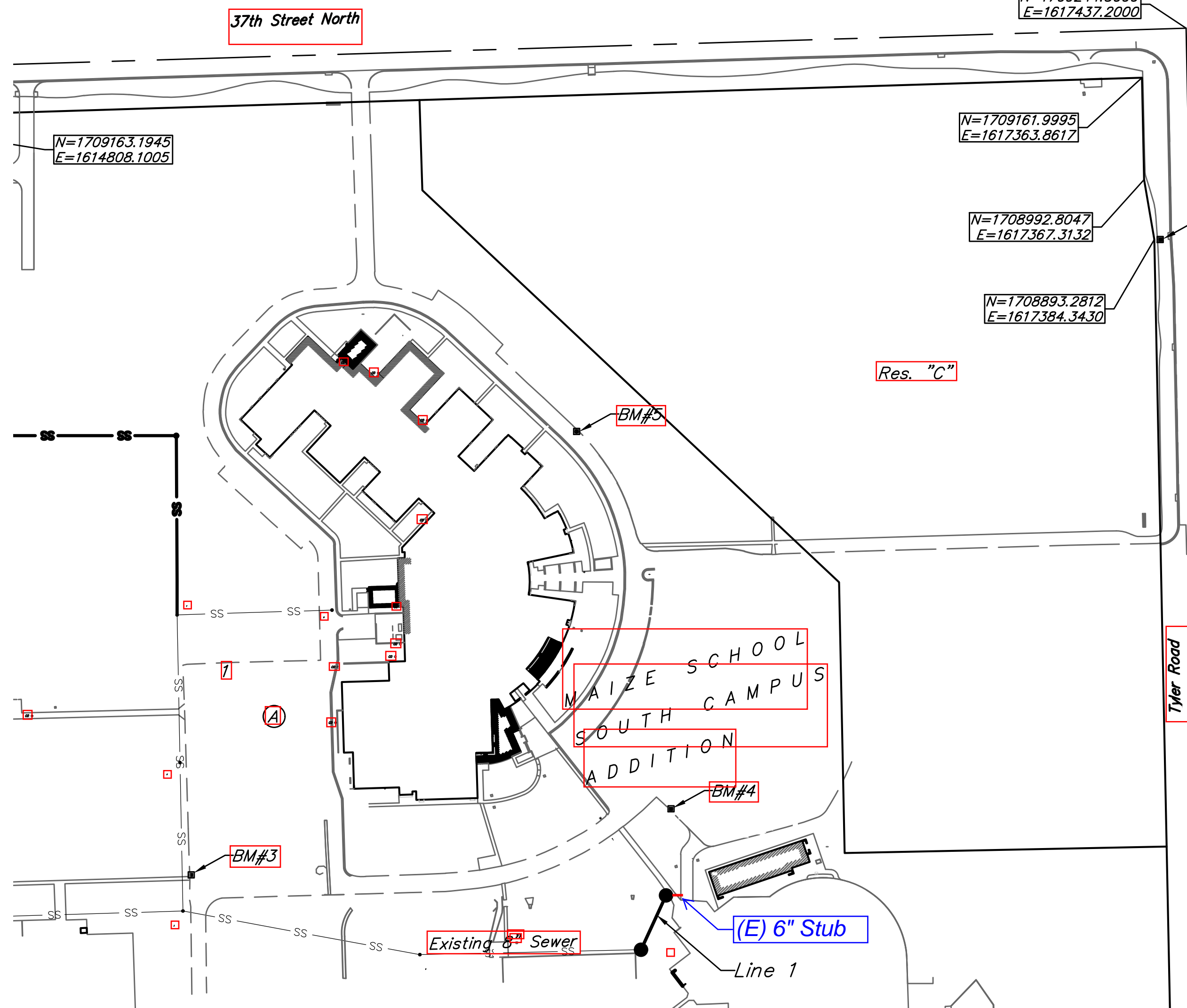
SS Details SS-101, SS-102, and Erosion Control Details available at City of Wichita web site at <http://www.wichita.gov/Government/Departments/PWU/Pages/Regulations.aspx>



APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION

Engineering: *Shawn Melter* 4-6-17
Utilities: *[Signature]* 4-6-17

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 by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. 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.



March 2017



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

E:\Projects\Maize High School South (16-01-E366)\Engineering\Phase 1\PPS.dwg

BENCHMARKS:

SITE BENCHMARK #3
Mag Nail with Washer, 225' west of East curb Southwest parking lot. Elevation=1356.17 (NAVD 88)

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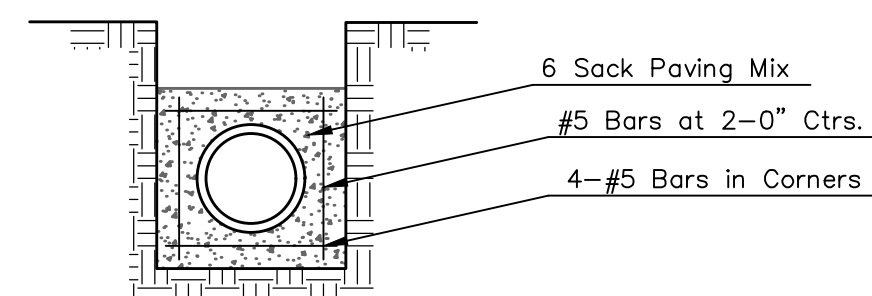
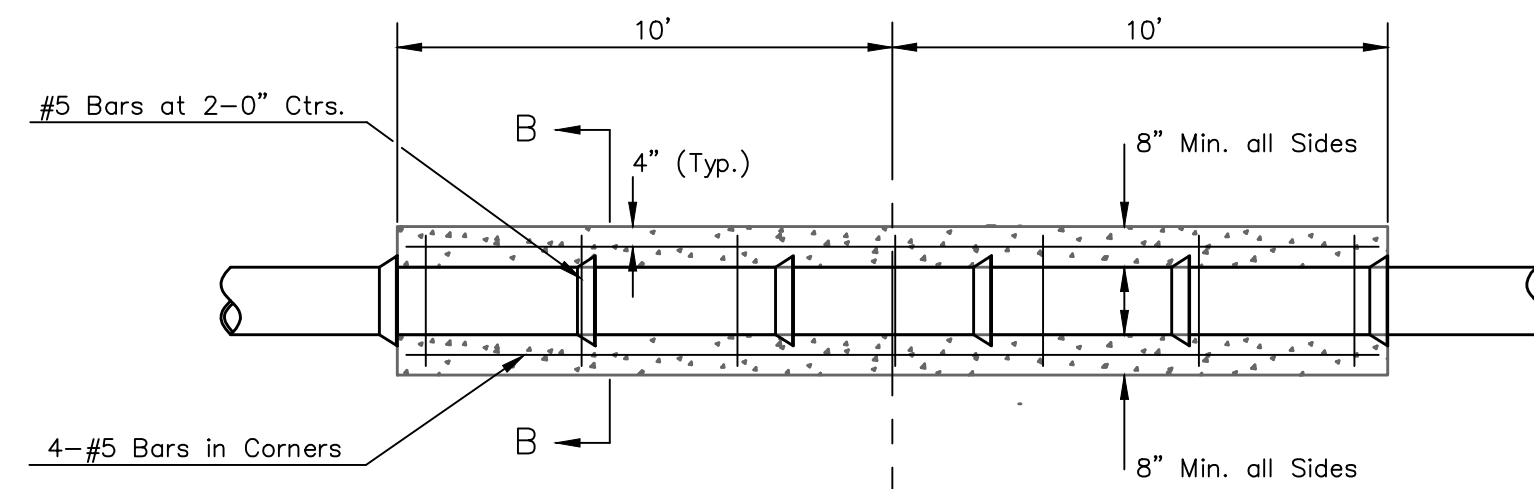
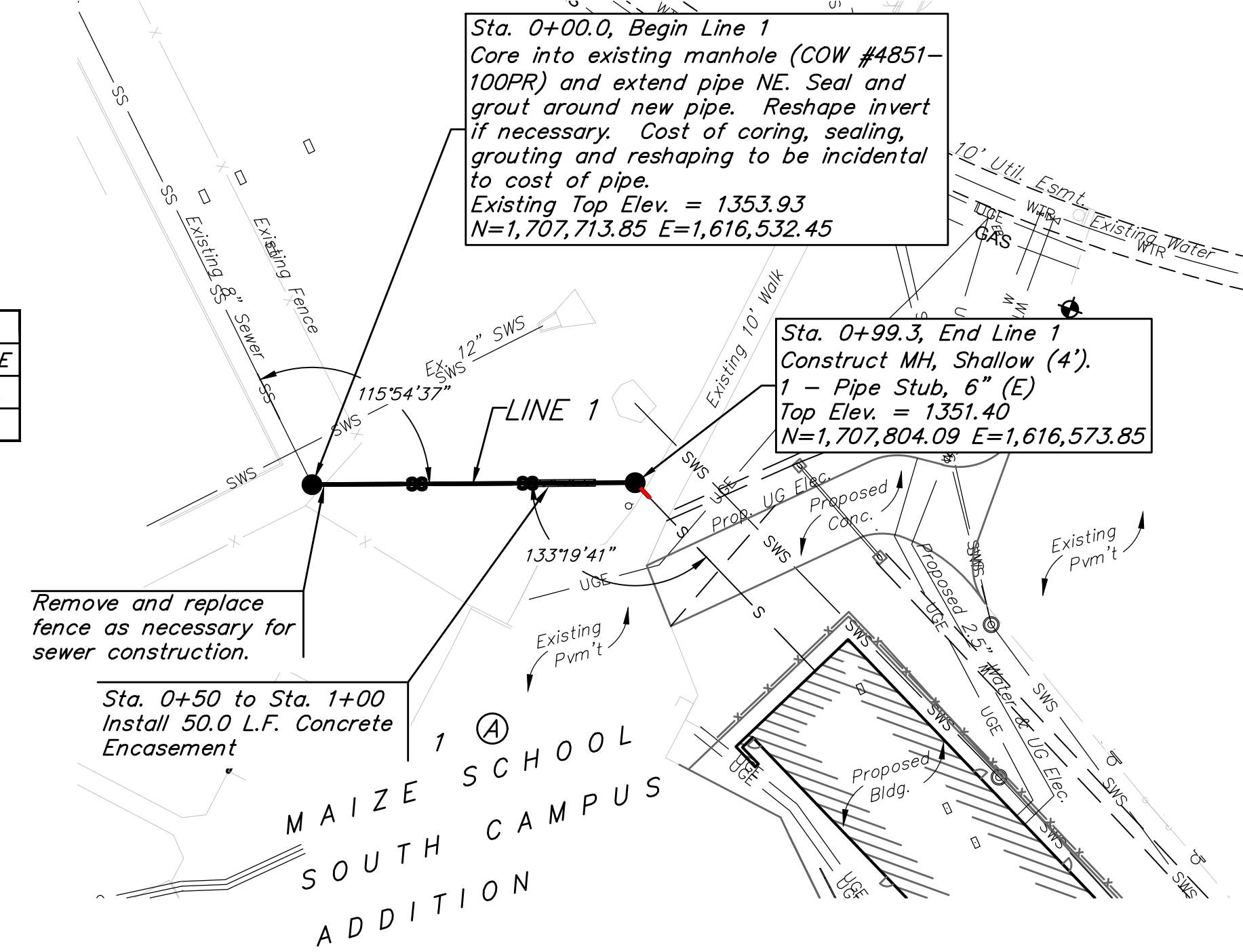
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SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION			STATION \ DIRECTION	FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.		APPROXIMATE LENGTH 4" PIPE	VERTICAL
1	6" x 8" Stub	1	A	1	0+99.3/Rt.	-	3.0'

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.

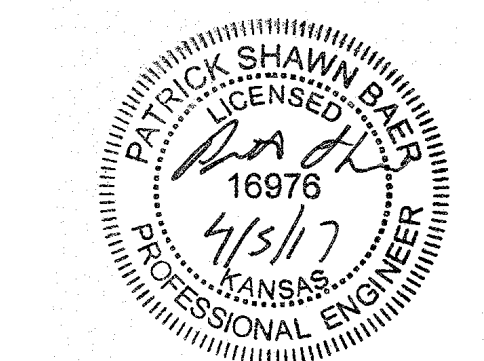
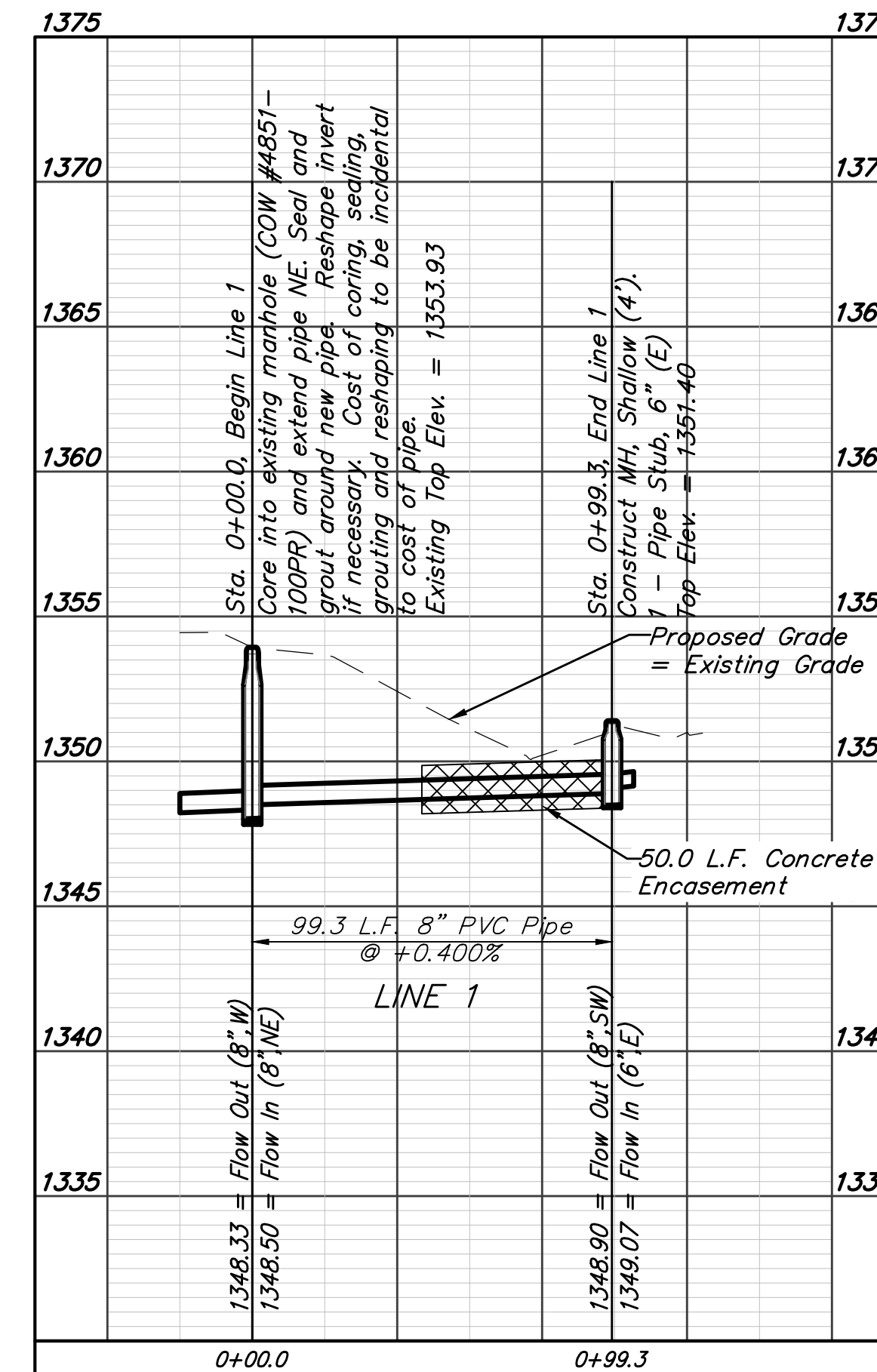


SECTION B-B

Note: Encasement to begin and end at a Bell on Sanitary Sewer Pipe.

REINFORCED CONCRETE ENCASEMENT OF SANITARY SEWER

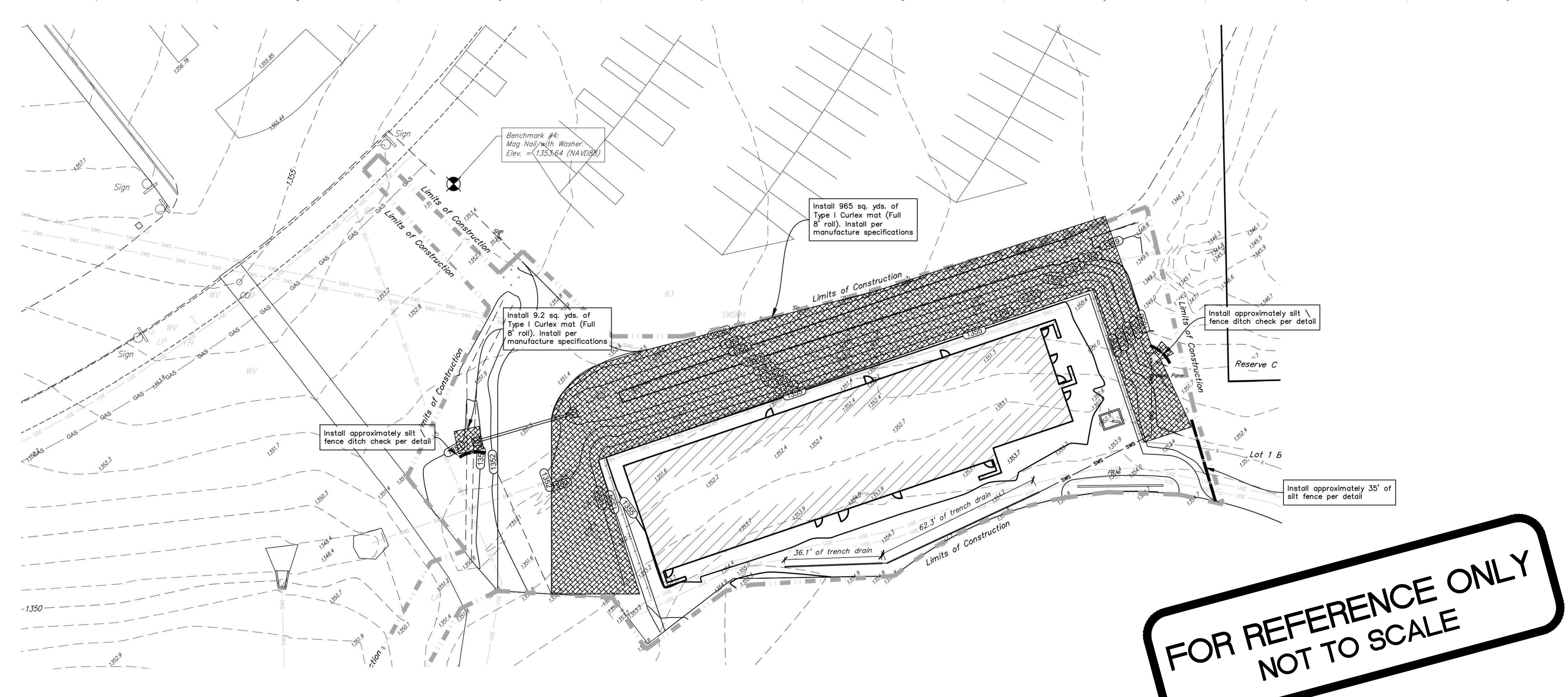
Contractor shall verify elevation and alignment of existing 8" pipe prior to construction and notify Engineer of any discrepancy.



BUILT TO PLAN

Baughman Company, P.A.
135 E. Main, Wichita, KS 67211 P: 316.262.2171 F: 316.262.2149
JANUARY 1, 1983 EXPIRES JANUARY 1, 2025
Professional Engineer - License No. 16976
City of Wichita, Kansas

MAIZE SCHOOL SOUTH CAMPUS ADD.
LINE 1
SANITARY SEWER IMPROVEMENTS



**FOR REFERENCE ONLY
NOT TO SCALE**

SITE INFORMATION

Total Area:	7,829,653sq. ft. (±179.74 acres)
Disturbed Area:	30,889 sq. ft. (±0.70acres)
Impervious Area:	1,929,036 sq. ft. (±44.28 acres)
Ex. Campus:	1,929,036 sq. ft. (±44.28 acres)
Maize ECC (By others):	126,018 sq. ft. (±2.89 acres)
Maize High School South (By others):	12,649 sq. ft. (±0.29 acres)
Net:	1,882,845 sq. ft. (±42.006 acres)
Removed Locker Rooms:	275 sq. ft. (±0.006 acres)
Added Locker Rooms:	15,415 sq. ft. (±0.35acres)

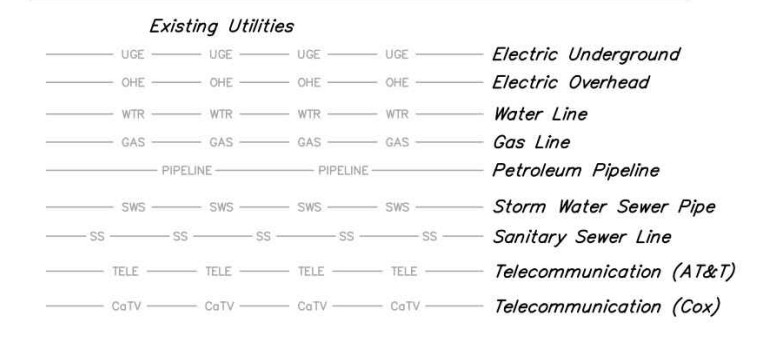
LEGAL DESCRIPTION

3701 North Tyler Road, Lot 1, Block A, Maize School South Campus Addition, Wichita, Sedgewick County Kansas.

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LAYOUT LEGEND



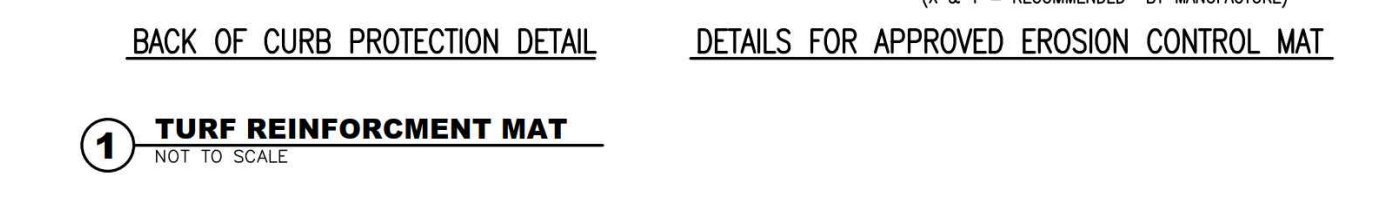
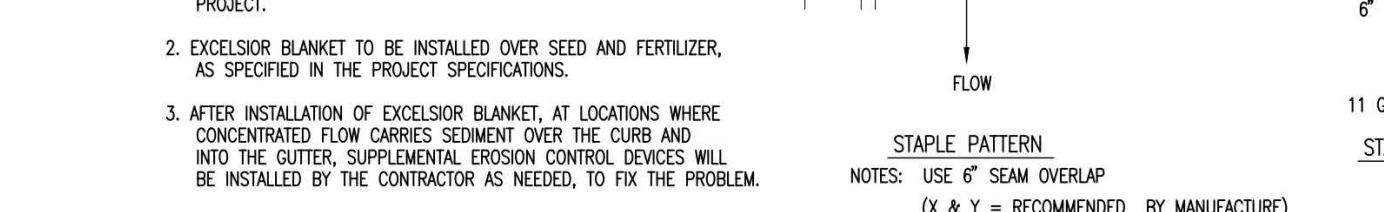
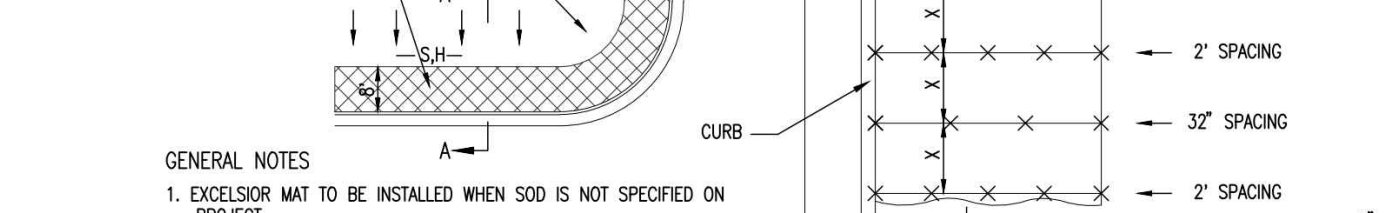
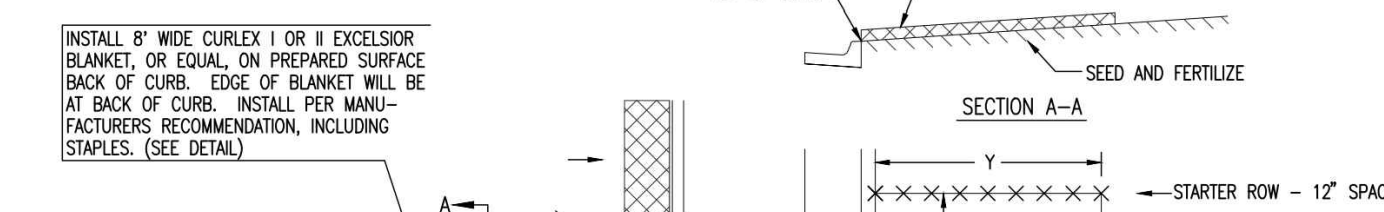
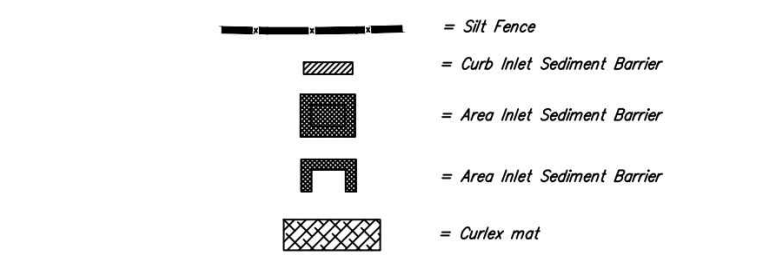
Existing Contours Proposed Contours



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 21 days of final GRADING. Seed is to include straw mulch, crimped in place per industry standards.
- Should construction stop for longer than 14 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 nighttime, the pipe ends shall be covered with filter fabric.
- All disturbed R/W areas not intended for pavement or sidewalks construction shall be hydroseeded with a Bermuda / Perennial Rye Grass Seed Mix. See Mass Grading specification sheet for seed mixture rate requirements.
- 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 will not be submitted for this property.
- Silt Fence is to be constructed to encompass 15' outside the Fair Cloth Skimmers at Sediment Basins 1, 2, & 3. Install Fair Cloth Skimmer per manufacturers specifications. Install maintain skimmer & silt fence per SWPPP requirements.
- The Contractor is not allowed to import or export soil from this site. See site plans for stock pile requirements for this site.
- Contractor is responsible to maintain existing temporary and permanent erosion control measure during construction. If the existing channels have evidence of erosion, contractor is to restore channel to proposed grades and install curlex type I TRM to maintain channel until permanent vegetation is established.
- All areas disturbed shall be permanently seeded and fertilized as follows: K-31 Fescue Seed @ 9# PLS/1,000 sq. ft. & Fertilizer 12-24-12 @ 18/1,000 sq. ft. Seeding areas shall be prepared per industry standards.

EROSION CONTROL LEGEND



DUDLEY WILLIAMS & ASSOCIATES, P.A.
BASIS ENGINEERING
MECHANICAL ENGINEERS
PLANNING ARCHITECTURE

MAIZE ATHLETICS UDS 266
MAIZE SOUTH HIGH LOCKER ROOM & CONCESSIONS

PROJECT N
5135.
DATE
02 FEBRU
Erosion Co

C3I

MAIZE SCHOOL SOUTH CAMPUS ADD
EROSION CONTROL PLAN
SANITARY SEWER IMPROVEMENTS

3
4

