

GENERAL NOTES:

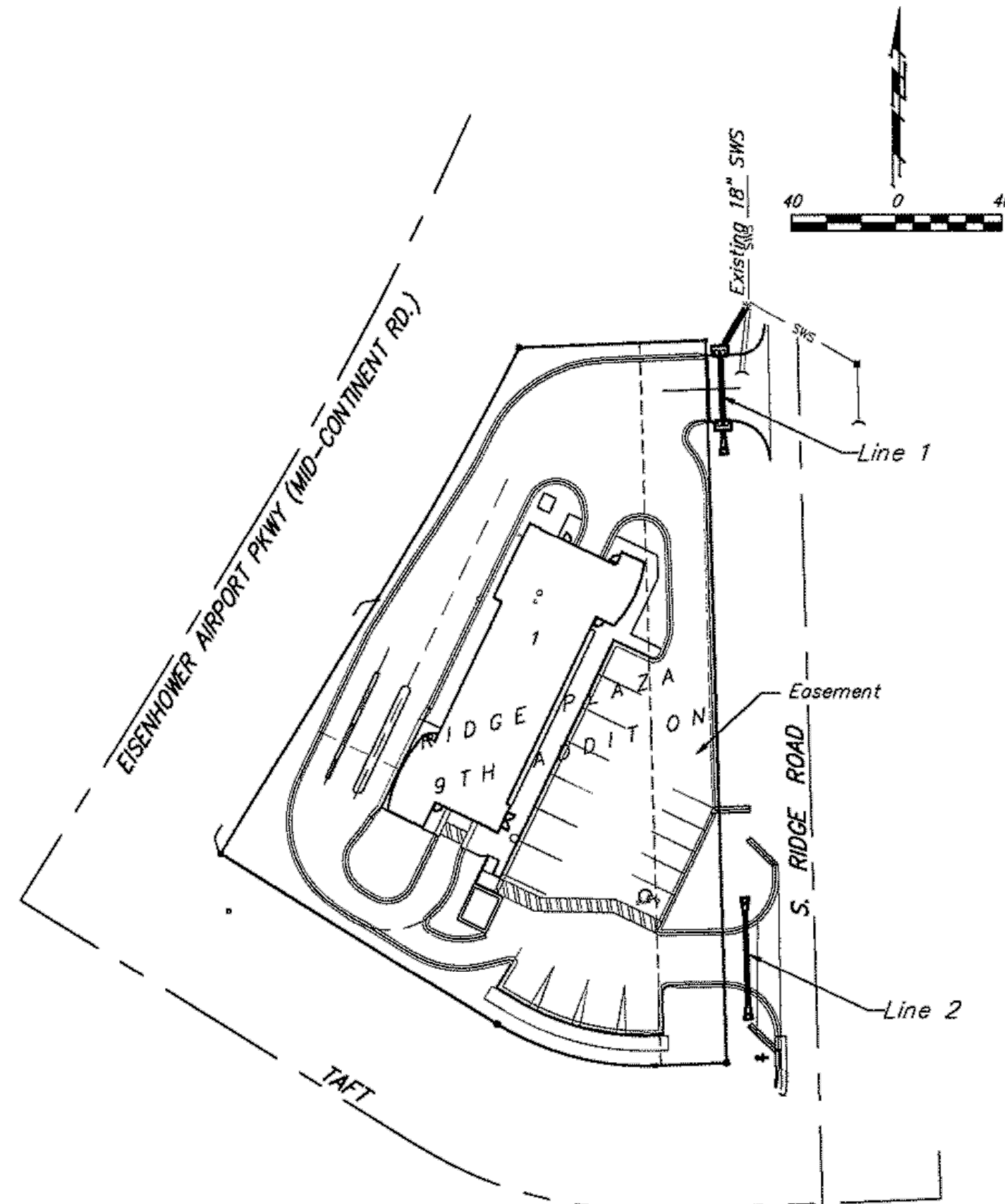
- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
AT&T 1-800-245-8464
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 1-888-682-4850
Westar Energy 1-800-544-4657
- 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.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
- 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.
- 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 valve 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 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.
- 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 Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All casts associated with construction markings and signage shall be the Contractors responsibility.
- All elevations shown are 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 last manhole in the project area.
- 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 extent of trench openings 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.
- All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on-site engineer shall complete weekly reports on the status of erosion control measures. The contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on-site engineer until project is accepted by City of Wichita. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Maintain Existing BMPs".
- All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the engineer.
- All disturbed areas are to be seeded as follows:
Seed --- Rye grass; 5 lbs./1000 Sq. Ft.
All costs associated with seeding including mobilization, preparation of ground, seeding, fertilizing, mulching, etc. shall be included in the L.S. bid item "Seeding".
- 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.

Benchmarks

BM #1: Cross cut in top of curb, approximately 14.1 feet north and 85.9 feet west of the southeast corner of Lot 1, Ridge Plaza Addition 9th Addition, Wichita, Kansas. Elevation = 1328.88 (NAVD88)

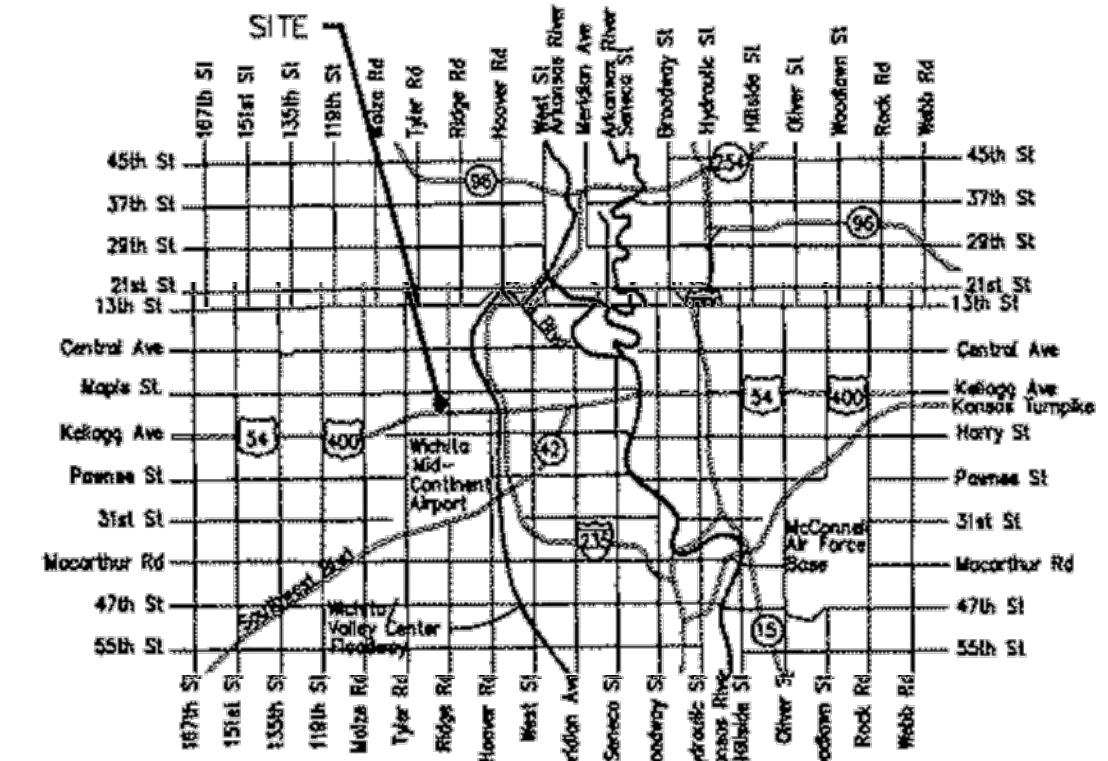
BM #2: Chiseled square on top of curb, north side of Taft Ave., 157.6' east and 8.6' south of the SW corner of Lot 1, Block A, Ridge 400 3rd Add. Elevation = 1324.73 (NAVD88)



STORM SEWER IMPROVEMENTS to serve TOMMY'S CAR WASH RIDGE PLAZA 9TH ADD.

455 S. RIDGE RD.
CITY OF WICHITA, KANSAS
Gary Janzen, P.E. City Engineer
Project Number
570 PPD (133119)

AS BUILT PLANS
Contractor: Wilks Underground
Inspector: Fred Smith, Baughman Co.
As Builts by: KEK, 8/7/19



Vicinity Map

Stormwater Certification:
Redevelopment
Stormwater Permit # SW202019-0014
NOI Permit # N/A

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) = 0.80 ac.
Disturbed Area (Acres) = 0.73 ac.
Water Quality Treatment: N/A
Downstream Channel Protection: N/A
Detention: N/A
The BMP used for this development is construction entrance, silt fence, curb inlet protection, drop inlet protection.

Sheet Index

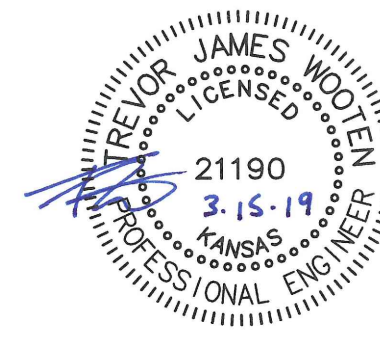
Title Sheet	1
Lines 1 & 2	2
Erosion Control/Grading Plan	3
Copy of Plat	4

SWS Details SW-101, SW-401 and Erosion Control Details available at City of Wichita web site at <http://www.wichita.gov/PWU/StandardsConstruction/Forms/WebPageStandardsConstruction.aspx>

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering Nith Prochey 3.29.19
Stormwater Joe Hicks 3.29.19

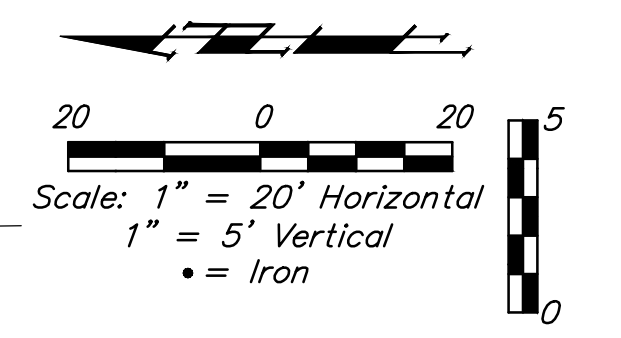
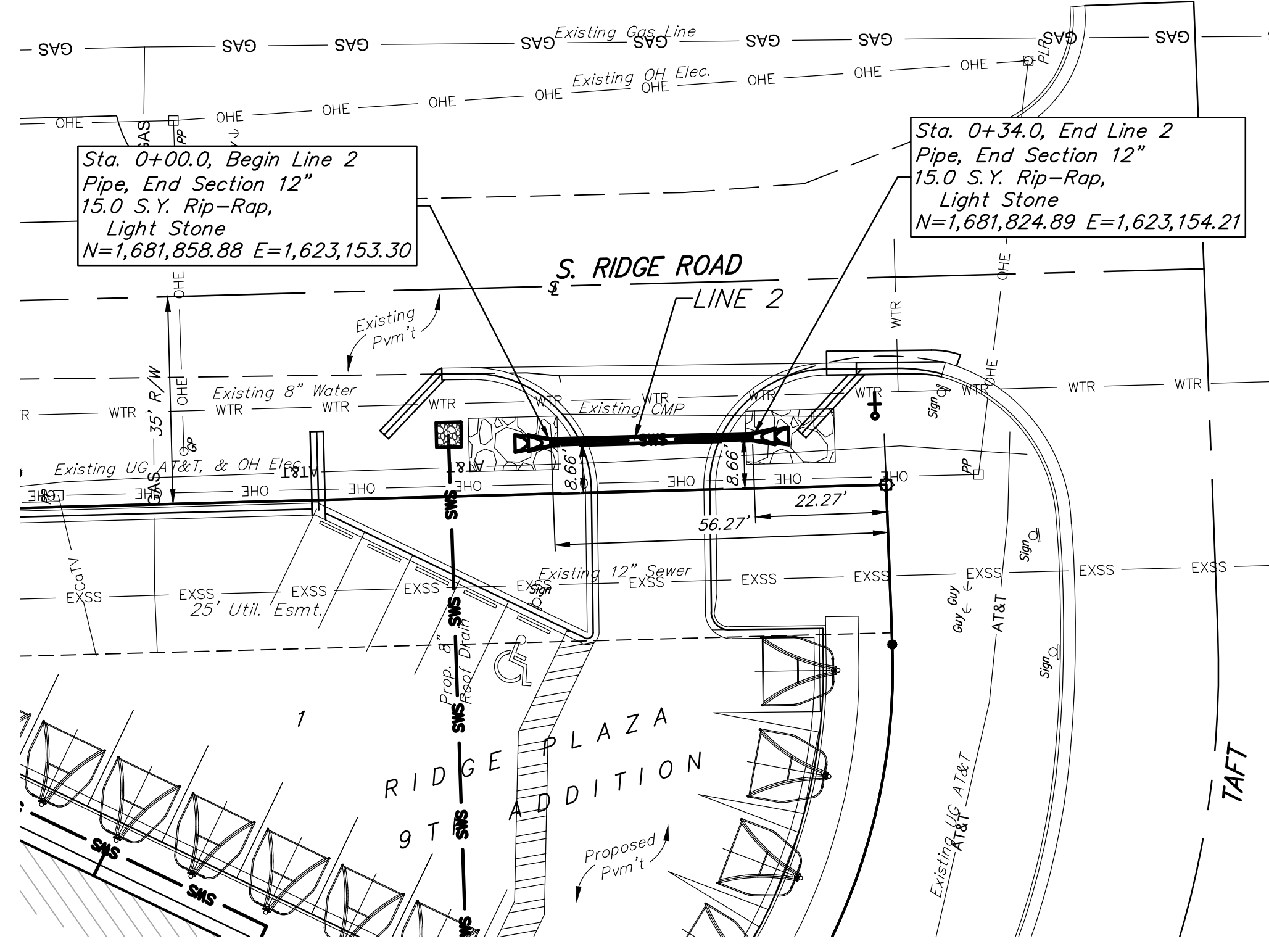
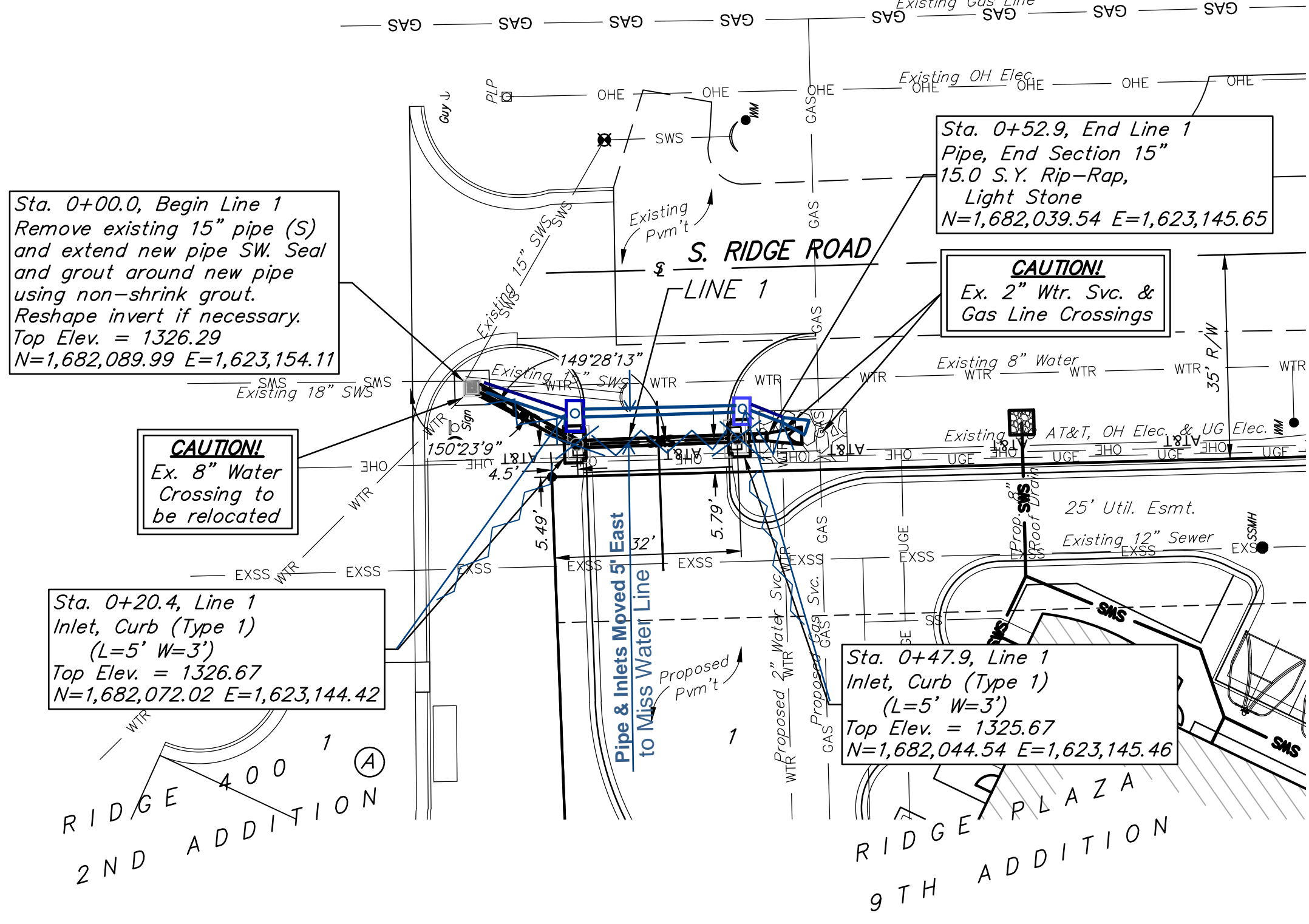
NOTE TO CONTRACTORS
Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional 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.



BENCHMARK:
 BM #1: Cross cut in top of curb, approximately 14.1 feet north and 85.9 feet west of the southeast corner of Lot 1, Ridge Plaza Addition 9th Addition, Wichita, Kansas.
 Elevation = 1328.88 (NAVD88)

BM #2: Chiseled square on top of curb, north side of Taft Ave., 157.6' east and 8.6' south of the SW corner of Lot 1, Block A, Ridge 400 3rd Add.
 Elevation = 1324.73 (NAVD88)

All trench and inlet excavation areas from Sta. 0+20.4 to Sta. 0+52.9, Line 1 & Sta. 0+00 to Sta. 0+34.0, Line 2 shall be backfilled with sand. The sand backfill shall be within two feet of existing grade and shall be water-jetted and vibrated during backfilling. All costs shall be paid for as L.F. "Fill, Sand (Flushed & Vibrated)".



Station	Description	Proposed Grade (By Site Contractor)	Existing Grade
1345			
1340	Sta. 0+00.0, Begin Line 1 Remove existing 15" pipe (S) and extend new pipe SW. Seal and grout around new pipe using non-shrink grout. Reshape invert if necessary. Top Elev. = 1326.29		
1335	Sta. 0+20.4, Line 1 Inlet, Curb (Type 1) (L=5' W=3') Top Elev. = 1326.67		
1330	Sta. 0+47.9, Line 1 Inlet, Curb (Type 1) (L=5' W=3') Top Elev. = 1325.67		
1325	Sta. 0+52.9, End Line 1 Pipe, End Section 15" 15.0 S.Y. Rip-Rap, Light Stone N=1,682,039.54 E=1,623,145.65		
1320			
1315			
1310			

Station	Description	Proposed Grade (By Site Contractor)	Existing Grade
1345			
1340	Sta. 0+00.0, Begin Line 2 Pipe, End Section 12" 15.0 S.Y. Rip-Rap, Light Stone N=1,681,858.88 E=1,623,153.30		
1335			
1330	Sta. 0+34.0, End Line 2 Pipe, End Section 12" 15.0 S.Y. Rip-Rap, Light Stone N=1,681,824.89 E=1,623,154.21		
1325			
1320			
1315			
1310			

CAUTION!
 Ex. 8" Water Crossing to be relocated

CAUTION!
 Ex. 2" Wtr. Svc. & Gas Line Crossings

LEGAL DESCRIPTION

Lot 1, Ridge Plaza 9th Addition, Wichita, Sedgwick County, Kansas

SITE INFORMATION

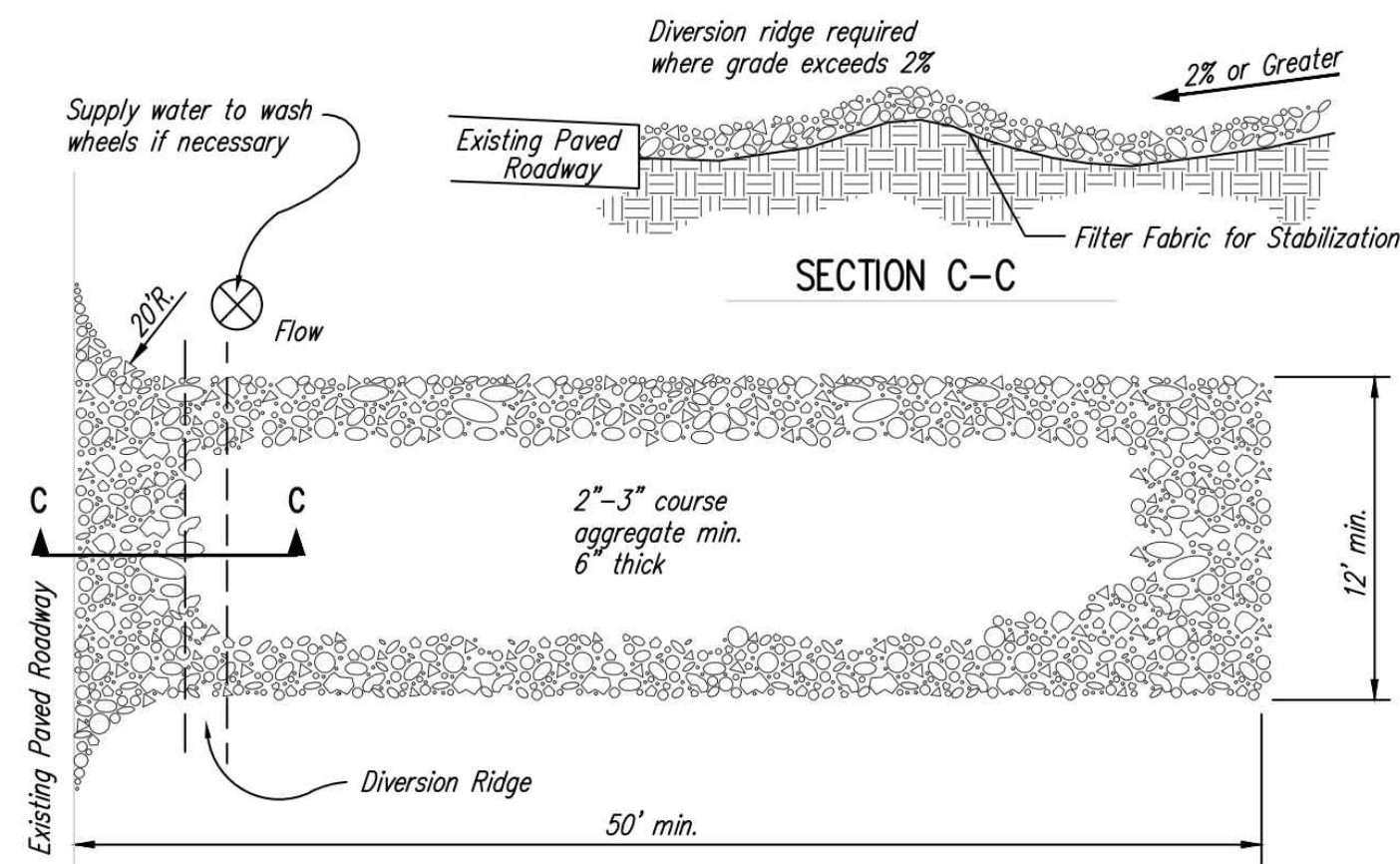
Total Area:	±34,646 sq. ft. (0.8 acres)
Disturbed Area:	±34,646 sq. ft. (0.8 acres)
Impervious Area, pre-const:	±16,532 sq. ft. (0.38 acres)
Impervious Area, post-const:	±24,900 sq. ft. (0.57 acres)

BENCHMARKS

Site Benchmark - 1
 Cross cut in top of curb, approximately 14.1 feet north and 85.9 feet west of the southeast corner of Lot 1, Ridge Plaza Addition 9th Addition, Wichita, Kansas.
 Elevation = 1328.88 (NAVD88)

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 14 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 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.



NOTES:

- 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.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- 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.
- 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.

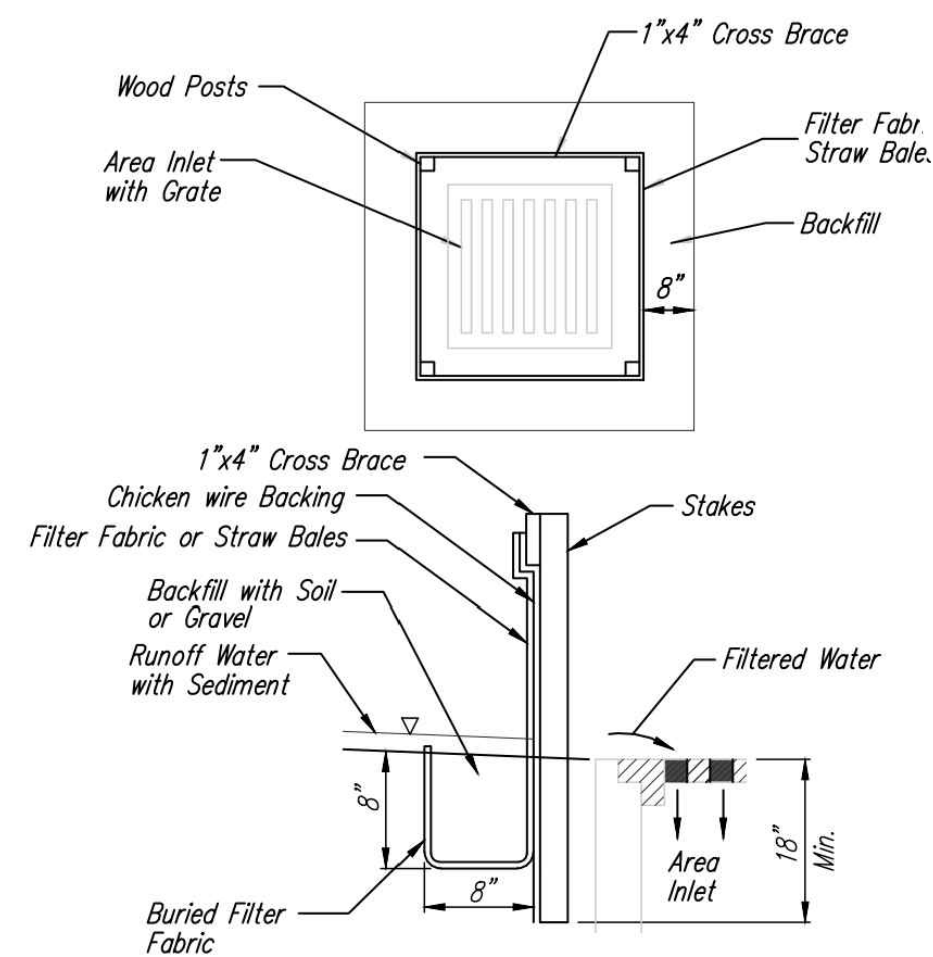
1 STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

**FOR REFERENCE ONLY
 NOT TO SCALE**

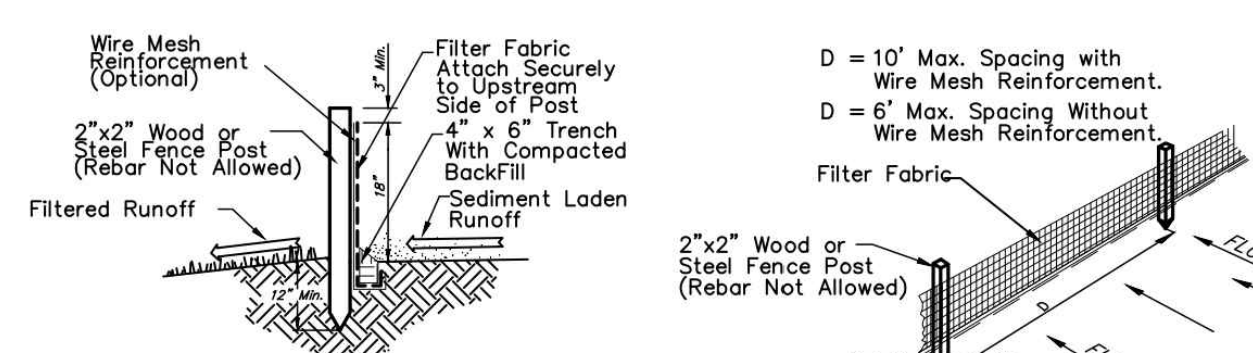
EROSION CONTROL PLAN

Scale 1" = 30' 0"



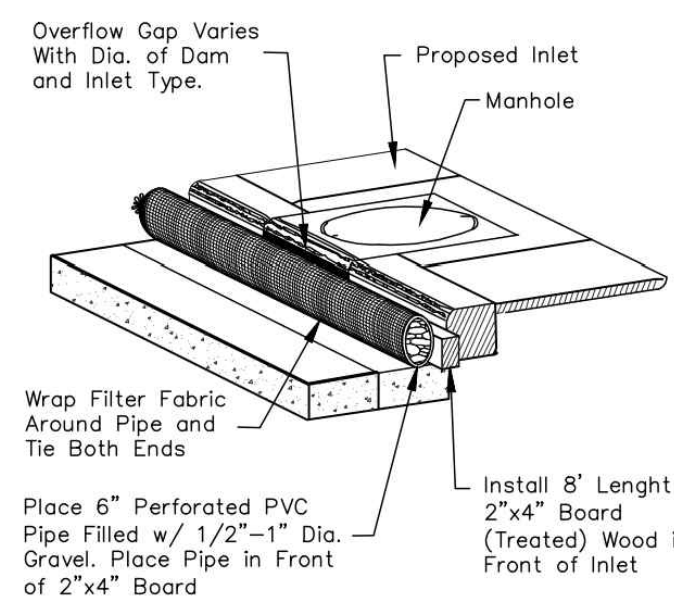
2 INLET PROTECTION FOR AREA INLETS

(INLET PROTECTION: SILT FENCE OR STRAW BALES)



3 SILT FENCE DETAIL

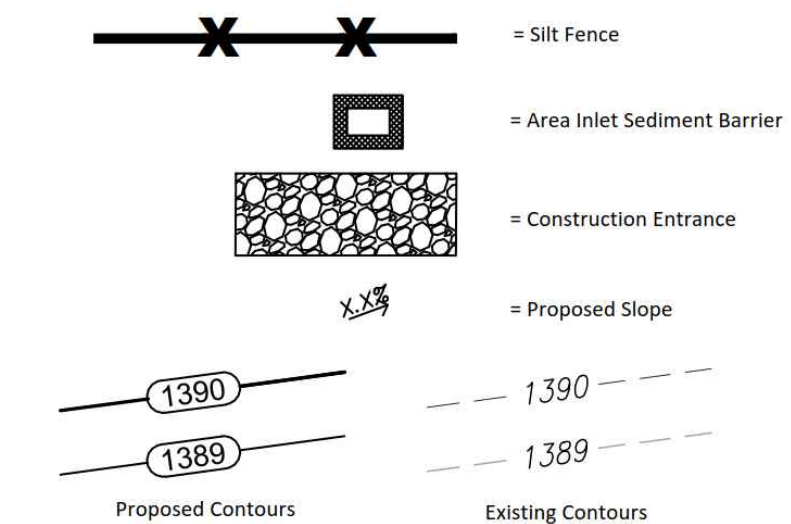
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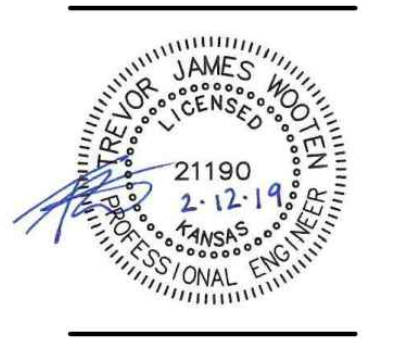
4 TYPE 1 INLET PROTECTION

NOT TO SCALE

EROSION CONTROL LEGEND



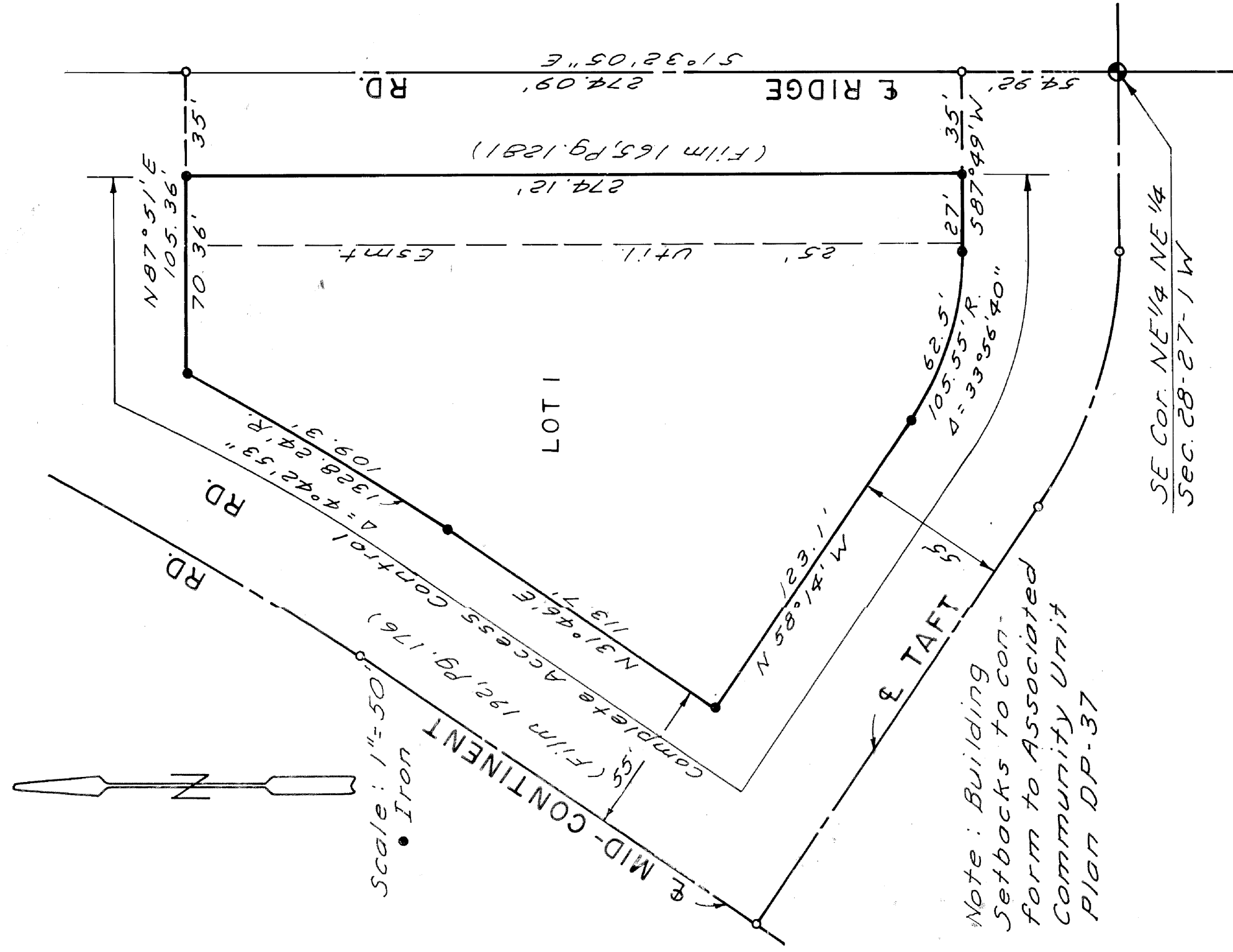
TOMMY'S CAR WASH
 455 S. RIDGE ROAD
 WICHITA, KANSAS 67209



EROSION CONTROL PLAN
 C3.0

RIDGE PLAZA 9TH ADDITION

WICHITA, KANSAS



Note: Building Setbacks to conform to Associated Community Unit Plan DP-37

State of Kansas Sedgwick County 3 S.S. We, Baughman Company, P.A., Surveyors in aforesaid county and state, do hereby certify that we have surveyed and platted "RIDGE PLAZA 9TH ADDITION", Wichita, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as all that part of the S½ of the S½ of the NE¼ of the NE¼ of Section 28, T27S, R1W of the 6th P.M., Sedgwick County, Kansas, lying east of the east line of Mid-Continent Rd and north of the north line of Taft as dedicated in Film 192, Pg. 176, and excepting the east 35 feet dedicated for Ridge Rd. The west 25 feet of the east 60 feet dedicated for Ridge Rd. in Film 165, Pg. 1281 is being vacated by virtue of K.S.A. 12-512 (b).

Date Mar. 19, 1989 Baughman Company, P.A.
John E. Lundblad Surveyor
John E. Lundblad

Know all men by these presents that we, the undersigned, have caused the land described in the surveyors certificate to be platted into a lot to be known as "RIDGE PLAZA 9TH ADDITION", Wichita, Kansas. All abutters rights of access to Mid-Continent Rd and Taft over and across the north, west and south lines of Lot 1, are hereby granted to the City of Wichita, Kansas. Building setbacks shall conform to the Associated Community Unit Plan DP-37 on file in the Office of the Wichita-Sedgwick County Metropolitan Area Planning Dept. The easement is hereby granted as indicated for the construction and maintenance of public utilities.

Bowen H. Brady Mary E. Brady
Dale F. Hecox Norma J. Hecox
 State of Kansas Sedgwick County 3 S.S. The foregoing instrument was acknowledged before me this 14th day of April, 1989, by Bowen H. Brady and Mary E. Brady, his wife, and Dale F. Hecox and Norma J. Hecox, his wife.

My Commission Expires 12/15/1997 Mark A. Savoy Notary Public

This plat of "RIDGE PLAZA 9TH ADDITION", Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this 12th day of Jan., 1989.

Wichita-Sedgwick County Metropolitan Area Planning Commission
Robert M. Chisholm Chairman
Robert A. Garvin Secretary

This plat approved and all dedications shown hereon accepted by the Board of City Commissioners, Wichita, Kansas, this 13th day of Nov., 1989.

Robert S. Knight Mayor
James E. ... City Clerk

This plat approved and all dedications shown hereon accepted by the Board of County Commissioners, Sedgwick County, Kansas, this 21 day of Nov., 1989.

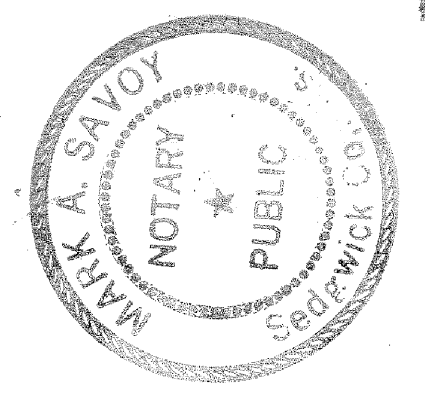
Jack ... Chairman
Donald ... Commissioner
Tom Scott Commissioner
Michael T. Sawyer County Clerk
 MICHAEL T. SAWYER

Entered on transfer record this 27 day of Nov., 1989.
Michael T. Sawyer County Clerk
 MICHAEL T. SAWYER

State of Kansas Sedgwick County 3 S.S. This is to certify that this plat has been filed for record in the Office of the Register of Deeds this 27th day of NOVEMBER, 1989, at 3:30 o'clock, P. M., and is duly recorded.

Betty F. McCart Register of Deeds
Pat ... Deputy

FOR REFERENCE ONLY
 NOT TO SCALE



20.00