

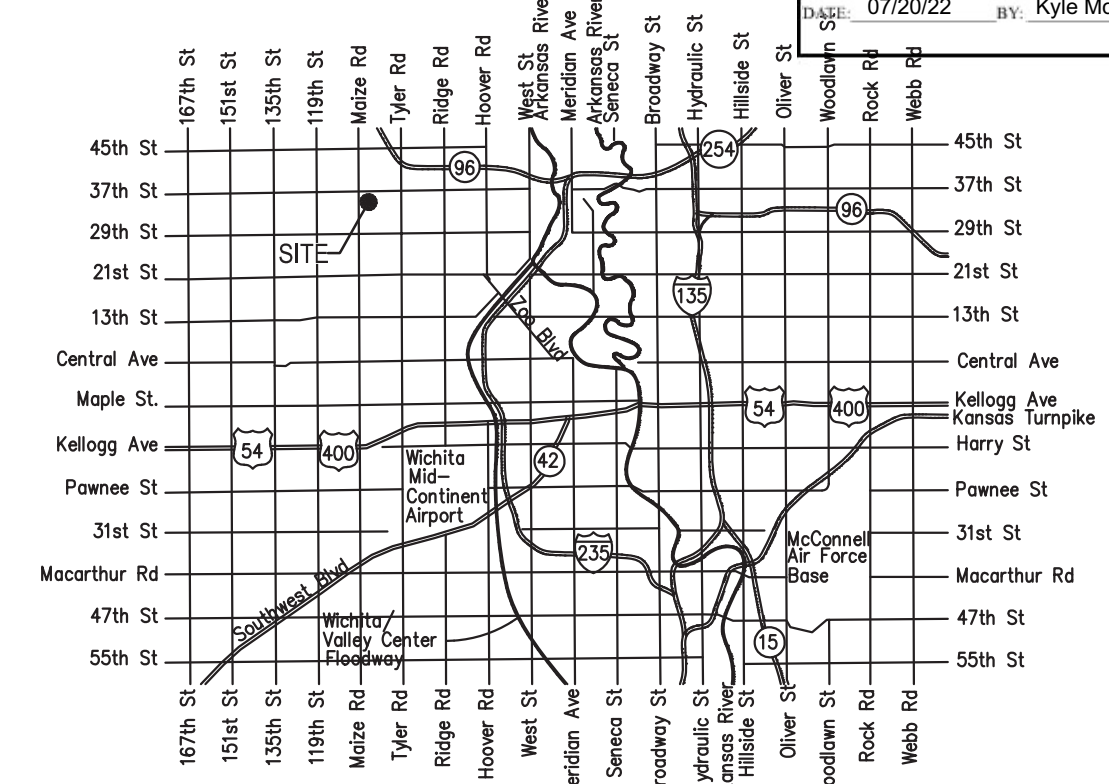
# AS BUILTS

Contractor:  
Apex  
5 DEC 22

Project Inspector:  
Eric Miner  
**KEMILLER**  
ENGINEERING PA  
117 E. Lewis, Wichita, KS 67202 (316)264-0242

# PRIVATE PROJECT DRAINAGE FOR VANTEDGE AUTO T5 TAKE5 OIL CHANGE 3630 N. MAIZE RD. WICHITA, KS

GARY JANZEN, P.E. CITY ENGINEER  
PROJECT NUMBER  
2022-000757 PPD (56030970)



VICINITY MAP

Wichita-Sedgwick County  
Metropolitan Area Building  
and Construction Department  
REVIEWED FOR CODE COMPLIANCE  
CORRECTIONS OR COMMENTS MADE ON THESE DRAWINGS AND THIS DOCUMENT DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH ALL REQUIREMENTS OF THE CODE OF THE MARSH. THE CITY OF WICHITA OR SEDGWICK COUNTY THIS REVIEW IS ONLY FOR GENERAL CONFORMANCE OF THE CODE. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING AND CORRECTING ALL TECHNIQUES OF CONSTRUCTION. THIS APPROVAL IS SUBJECT TO PROVISIONS OF SECTION 107.4 OF THE 2012 INTERNATIONAL BUILDING CODE.

**ANDERSON ENGINEERING**  
EMPLOYEE OWNED  
ENGINEERS · SURVEYORS  
LABORATORIES · DRILLING  
3213 S WEST BYPASS  
SPRINGFIELD, MO 65807  
PHONE (417) 865-2741  
A LICENSED MISSOURI  
ENGINEERING CORPORATION  
COA 00062

## VANTEDGE AUTO T5 TAKE5 OIL CHANGE

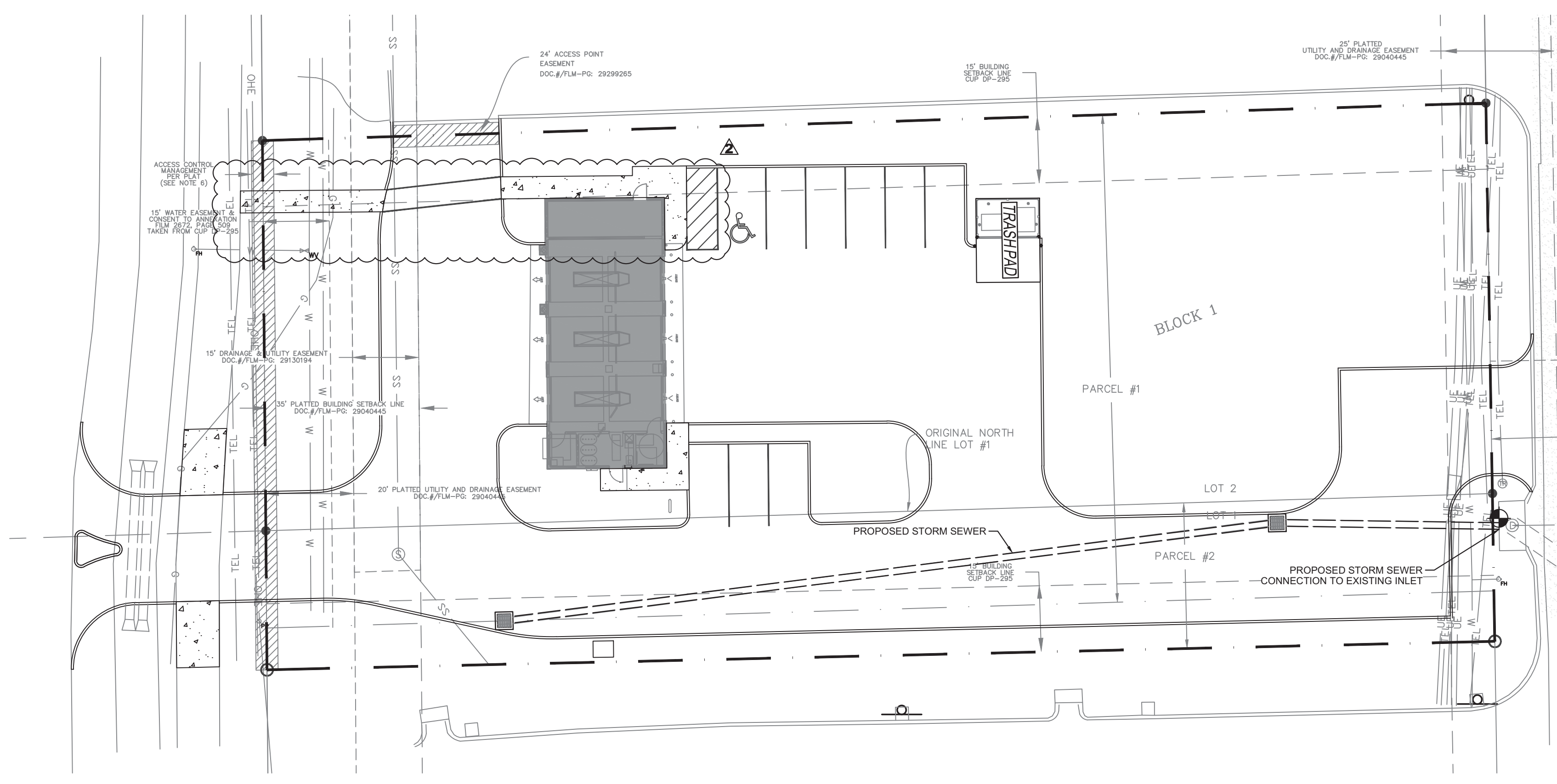
3630 N. MAIZE RD  
WICHITA, KS

- 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 1-800-246-8464  
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 1-888-482-4950  
Evergy 1-800-544-4857
- 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 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.
- The Contractor shall notify the inspecting engineer and (GANNETT BERNHARDT) 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, Mike Armour at [traffic@wichita.gov](mailto: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.
- 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 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 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 contractors expense.

**BENCHMARK**  
TBM IS A "SQUARE CUT" ON THE WEST SIDE OF CONCRETE CURB INLET AT THE SOUTHEAST CORNER OF SUBJECT PROPERTY, WITH AN ELEVATION OF 1354.92 FEET AS SHOWN.

### SHEET INDEX

DESCRIPTION	SHEET NUMBER
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PLAT	9



Stormwater Certification:  
*(New Development) or Redevelopment (Circle One)*  
Stormwater Permit # SWO2022-0031  
NOI Permit # NIA

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) = 0.77  
Disturbed Area (Acres) = 0.69  
Water Quality Treatment: OFFSITE BMP PROGRAM  
Downstream Channel Protection: NIA  
Detention: REGIONAL DETENTION  
The BMP used for this development is OFFSITE BMP PROGRAM

APPROVED AS NOTED  
BY WICHITA PUBLIC WORKS ENGINEERING  
AND STORMWATER DIVISION

Engineering SHAWN MELLIES 07/08/2022  
Stormwater JOSEPH HICKLE 07/08/2022

**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 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.

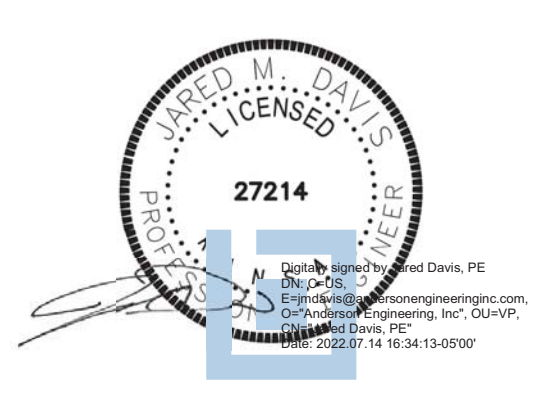


ISSUED FOR

NO.	DESCRIPTION	DATE
1	CITY COMMENTS	06/15/22
2	CITY COMMENTS	07/08/22

DRAWING INFORMATION

PROJECT NO:	22SP10040
DRAWN BY:	CMH
CHECK BY:	JMD
ISSUED FOR:	PERMIT
ISSUED DATE:	04/15/2022



ISSUED BY:	JARED M DAVIS
LICENSE NO:	PE No. 27214

## SHEET TITLE COVER SHEET

SHEET NUMBER  
**1**

VANTEDGE AUTO T5  
TAKE5 OIL CHANGE

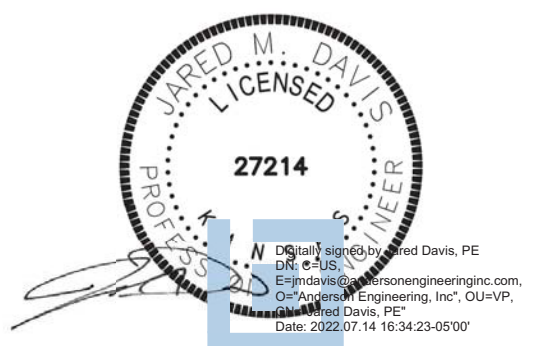
3630 N. MAIZE RD  
WICHITA, KS

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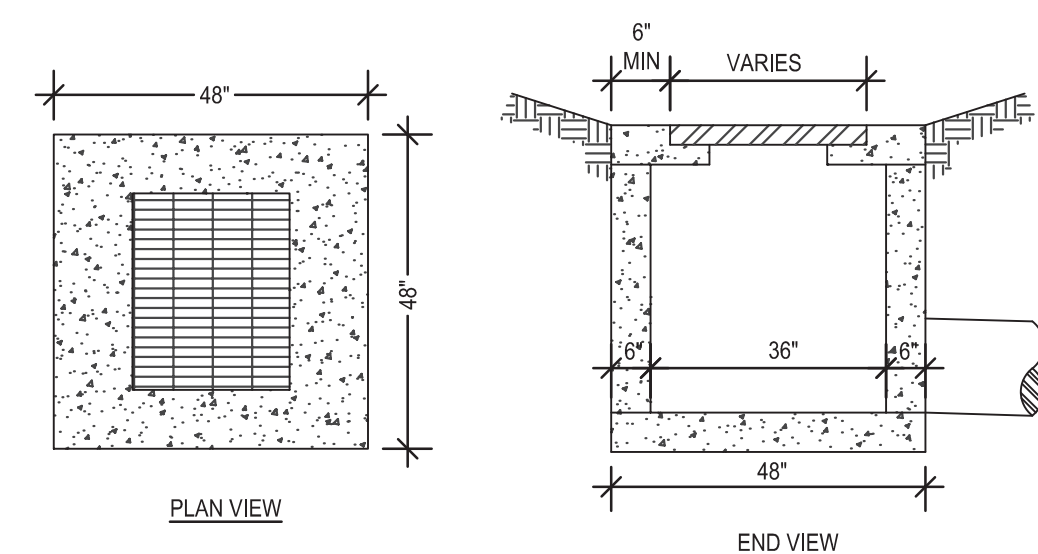


ISSUED BY:	JARED M DAVIS
LICENSE NO:	PE No. 27214

SHEET TITLE  
**STORM PLAN &  
PROFILE**

SHEET NUMBER

2



- GENERAL NOTES**
- CONTRACTOR TO SUBMIT SHOP DRAWINGS PRIOR TO ORDERING MATERIALS.
  - MIN. #4 BARS @ 12" O.C. (ALL WALLS VERT. HOR & SLAB)
  - ALL #4 & #5 REINFORCING BARS TO HAVE 1-1/2" COVER. LARGER SIZES TO HAVE 2" COVER.
  - PIPES SHALL CONNECT TO THE ENDS OR SIDES OF THE INLET. CONNECTIONS SHALL NOT BE MADE AT THE CORNERS OF THE INLET.
  - ALL REINFORCING BARS TO BE GRADE 60.
  - ALL CONCRETE TO BE 4,000 PSI.
  - PROVIDE BEDDING PER MANUFACTURER'S SPECIFICATION FOR APPLICATION.

**3 4'X4' AREA INLET**  
2 SCALE: NOT TO SCALE

**UTILITY NOTES:**

- THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID, REFER TO SPECIFICATIONS ALSO.
- EXISTING INSTALLATIONS (SUCH AS WATER MAINS/LINES, GAS MAINS/LINES, SEWER MAINS/LINES, TELEPHONE LINES, FIBER OPTIC LINES AND BURIED STRUCTURES ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT THAT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.
- ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS/INSTALLATIONS.

**PIPES NOTES:**

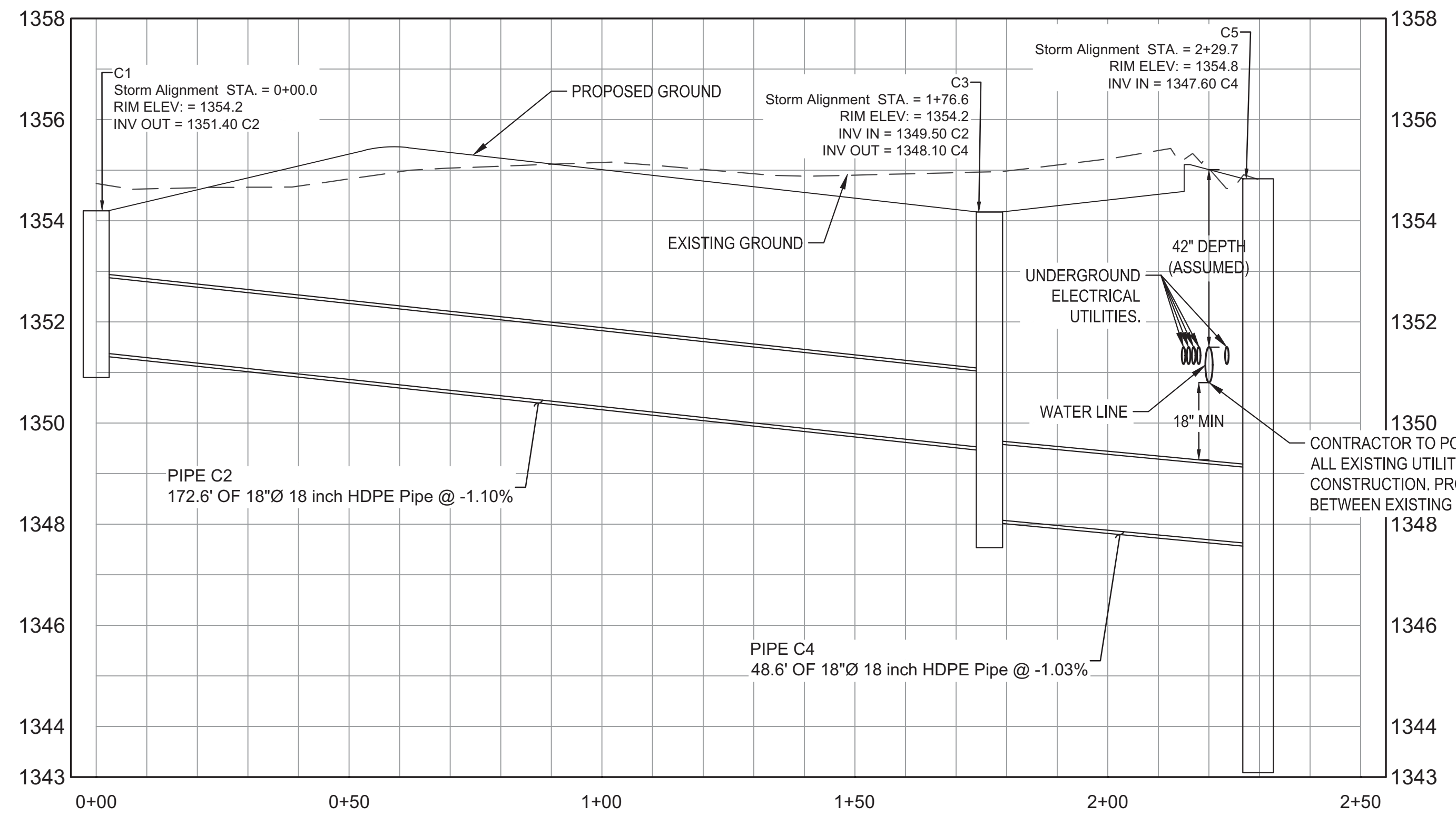
- PIPE MATERIALS SHALL BE IN ACCORDANCE WITH AND AS APPROVED BY THE CITY OR APPLICABLE AUTHORITY. REINFORCED CONCRETE PIPE (RCP), CORRUGATED METAL PIPE (CMP), OR HIGH DENSITY POLYETHYLENE (HDPE) MAY BE USED AS ALLOWED BY LOCAL GUIDELINES.
- ALL PIPE IS TO BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS AND MEET COVER REQUIREMENTS PER THE MANUFACTURER. REFER TO MANUFACTURER FOR MATERIAL SPECIFICATIONS FOR TRAFFIC LOADING AND INSTALLATION REQUIREMENTS.
- THE FOLLOWING BACKFILL REQUIREMENTS APPLY FOR HDPE PIPE. PIPE BEDDING SHALL BE IMPROVED TYPE 1 OR TYPE 2 PER SECTION 801.2 AND 801.5 (FLEXIBLE PIPE) OF THE CITY OF WICHITA STANDARD SPECIFICATIONS, WITH THE FOLLOWING MODIFICATION. IMPROVED BEDDING SHALL BE PLACED A MINIMUM OF SIX INCHES (6") UNDER THE BARREL OF THE PIPE TO TWELVE INCHES (12") ABOVE THE PIPE, OR TO WITHIN TWO FEET (2') OF FINAL GRADE, WHICHEVER IS HIGHER.

**SAFETY NOTES:**

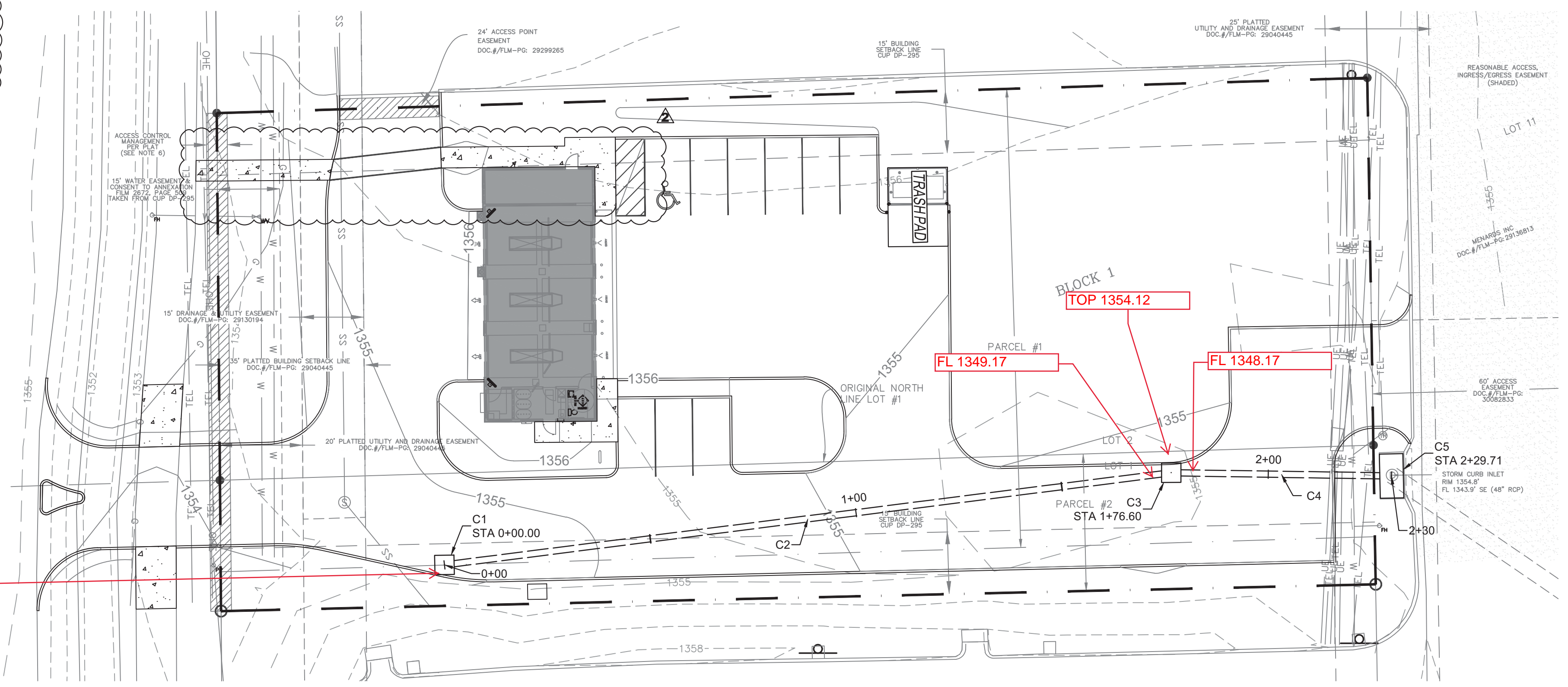
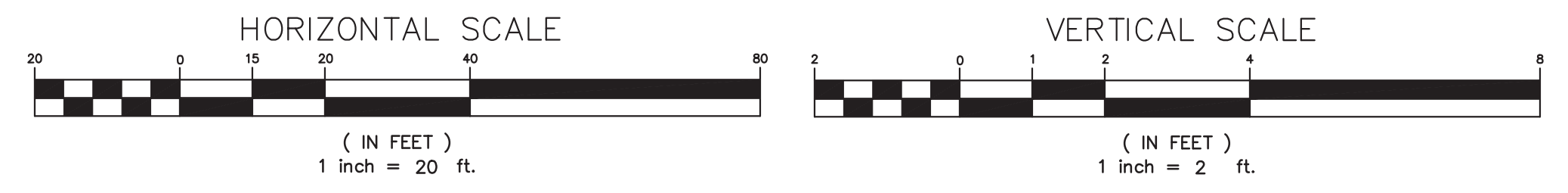
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.

**GENERAL NOTES:**

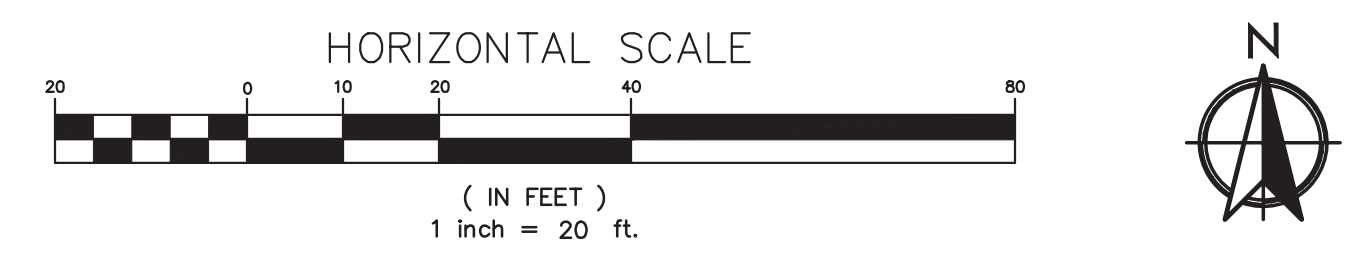
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- FIELD VERIFY SANITARY SEWER SERVICE CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION.
- COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.



**2 STORM SEWER PROFILE**  
2 HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 2'



**1 STORM SEWER PLAN**  
2 SCALE: 1" = 20'



**GRADING PLAN NOTE:**  
THIS PLAN IS FOR GRADING VISUALIZATION PURPOSES ONLY FOR THE CITY OF WICHITA PPD PLAN SET. PLEASE REFERENCE THE CIVIL PLAN SET FOR ACTUAL GRADING PLAN.

**SPECIAL NOTE:**  
CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT ENGINEER WITH ANY CONFLICTS.

**CAUTION:**  
EXISTING SURFACE FEATURES, STRUCTURES, ETC. AND UNDERGROUND INSTALLATIONS SUCH AS WATER MAINS, GAS MAINS, SEWERS, TELEPHONE LINES, FIBER OPTIC LINES AND BURIED STRUCTURES ARE INDICATED ON THE DRAWING ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE SURVEYOR IN PREPARING THIS DRAWING. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

**KEY NOTES:**

- C1 INSTALL 4X4 AREA INLET. RIM = 1354.2' INV = 1351.4' REFER TO DETAIL 3/2.
- C2 173 LF OF 18" PIPE. REFER TO PIPE NOTES.
- C3 INSTALL 4X4 AREA INLET. RIM = 1354.2' INV = 1348.1' REFER TO DETAIL 3/2.
- C4 47 LF OF 18" PIPE. CONNECT TO EX. INLET @ INV = 1347.6' CORE EX. INLET & SEAL W/ NON-SHRINK GROUT REFER TO PIPE NOTES.
- C5 EX. CURB INLET RIM = 1354.8' INV (SE) = 1343.9'




**SYMBOLS LEGEND**

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

--- 1.335 ---	EXISTING GRADE LINES
--- 1335 ---	PROPOSED NEW GRADE LINES
[Shaded Area]	NEW BUILDING CONSTRUCTION

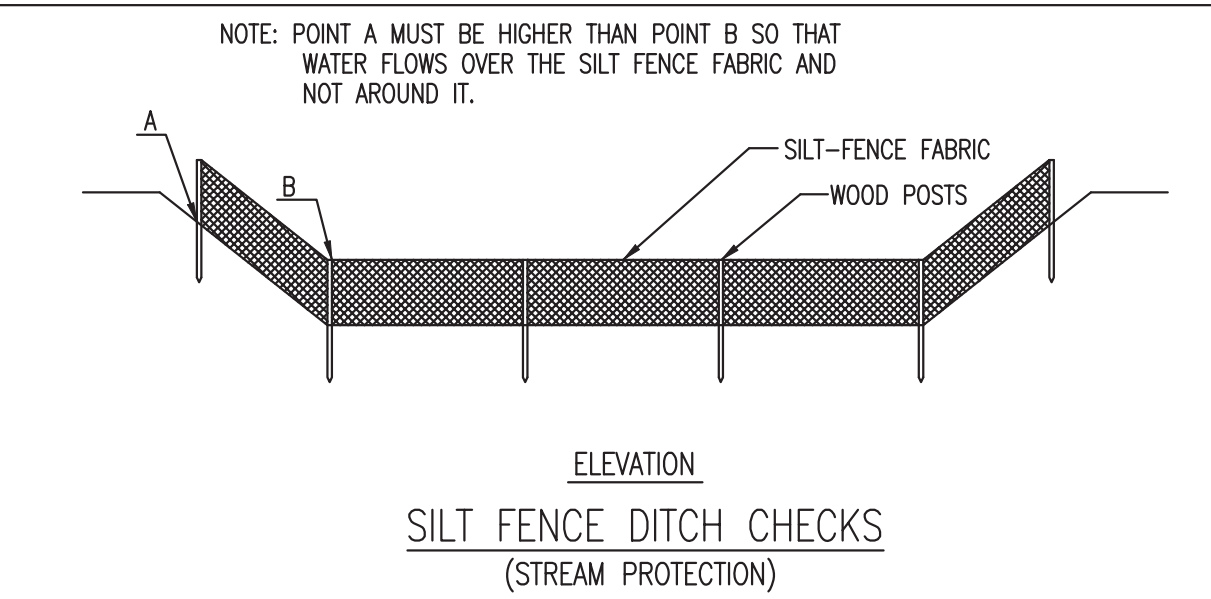
**AS BUILTS**



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







**MATERIAL SPECIFICATION:**

SILT FENCE FABRIC SHOULD CONFORM TO THE AASHTO M288 96 SILT FENCE SPECIFICATION. THE POSTS USED TO SUPPORT THE SILT FENCE FABRIC SHOULD BE A HARDWOOD MATERIAL WITH THE FOLLOWING MINIMUM DIMENSIONS: 2" SQUARE (NOMINAL) BY 4' LONG. SILT FENCE FABRIC SHOULD BE ATTACHED TO THE WOODEN POSTS WITH STAPLES, WIRE, ZIP TIES, OR NAILS.

**PLACEMENT:**

PLACE SILT FENCE IN DITCHES WHERE IT IS UNLIKELY THAT IT WILL BE OVERTOPPED. WATER SHOULD FLOW THROUGH A SILT FENCE DITCH CHECK, NOT OVER IT. SILT FENCE DITCH CHECKS OFTEN FAIL WHEN OVERTOPPED. SILT FENCE DITCH CHECKS SHOULD BE PLACED PERPENDICULAR TO THE FLOWLINE OF THE DITCH. THE SILT FENCE SHOULD EXTEND FAR ENOUGH SO THAT THE GROUND LEVEL AT THE ENDS OF THE FENCE IS HIGHER THAN THE TOP OF THE LOW POINT OF THE FENCE. THIS PREVENTS WATER FROM FLOWING AROUND THE CHECK. SILT FENCE DITCH CHECKS SHOULD NOT BE PLACED IN DITCHES WHERE HIGH FLOWS ARE EXPECTED. ROCK CHECKS SHOULD BE USED INSTEAD. SILT FENCE SHOULD BE PLACED IN DITCHES WITH SLOPES OF 6% OR LESS. FOR SLOPES STEEPER THAN 6%, ROCK CHECKS SHOULD BE USED.

THE FOLLOWING TABLE PROVIDES CHECK SPACING FOR A GIVEN DITCH GRADE:

DITCH CHECK DITCH GRADE (%)	SPACING CHECK SPACING (FEET)
0.5	200
1.0	200
2.0	100
3.0	65
4.0	50
5.0	40
6.0	30

**PROPER INSTALLATION METHOD:**

EXCAVATE A TRENCH PERPENDICULAR TO THE DITCH FLOWLINE THAT IS AT LEAST 12" DEEP BY 6" WIDE. EXTEND THE TRENCH IN A STRAIGHT LINE ALONG THE ENTIRE LENGTH OF THE PROPOSED DITCH CHECK. PLACE THE SOIL ON THE UPSTREAM SIDE OF THE TRENCH FOR LATER USE. ROLL OUT A CONTINUOUS LENGTH OF SILT FENCE FABRIC ON THE DOWNSTREAM SIDE OF THE TRENCH. PLACE THE EDGE OF THE FABRIC IN THE TRENCH STARTING AT THE TOP UPSTREAM EDGE OF THE TRENCH. LINE TWO SIDES OF THE TRENCH WITH THE FABRIC AS SHOWN ON DETAIL. BACKFILL OVER THE FABRIC IN THE TRENCH WITH THE EXCAVATED SOIL AND COMPACT. AFTER FILLING THE TRENCH, APPROXIMATELY 24" TO 36" OF SILT FENCE FABRIC SHOULD REMAIN EXPOSED. LAY THE EXPOSED SILT FENCE ON THE UPSTREAM SIDE OF THE TRENCH TO CLEAR AN AREA FOR DRIVING IN THE POSTS. JUST DOWNSTREAM OF THE TRENCH, DRIVE POSTS INTO THE GROUND TO A DEPTH OF AT LEAST 24". PLACE POSTS NO MORE THAN 4' APART. ATTACH THE SILT FENCE TO THE ANCHORED POST WITH STAPLES, WIRE, ZIP TIES, OR NAILS.

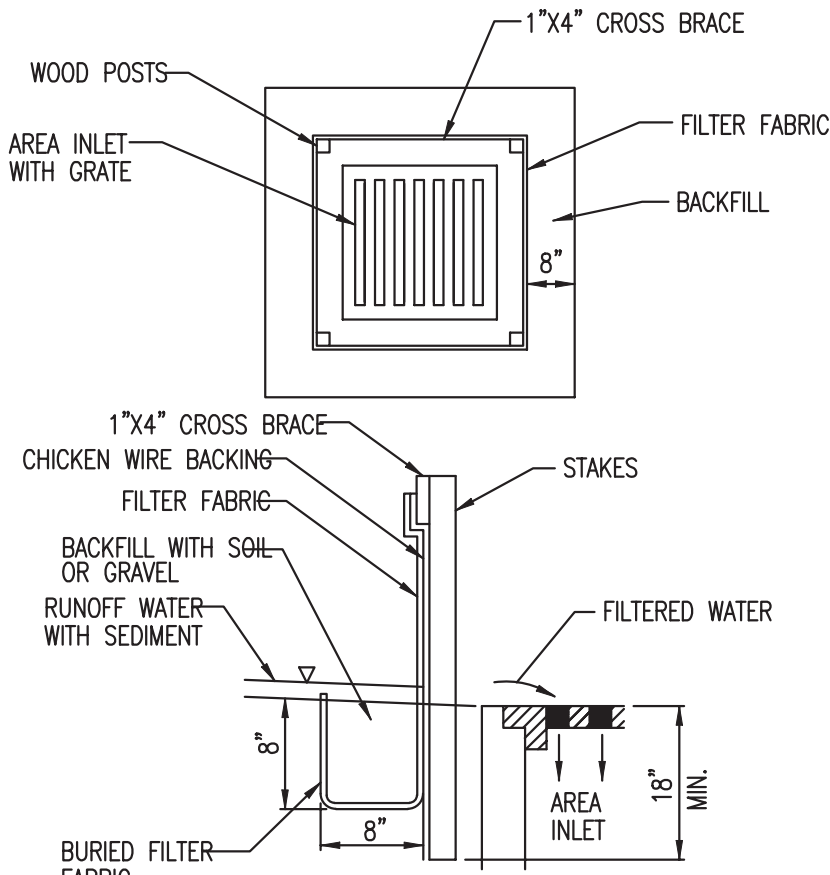
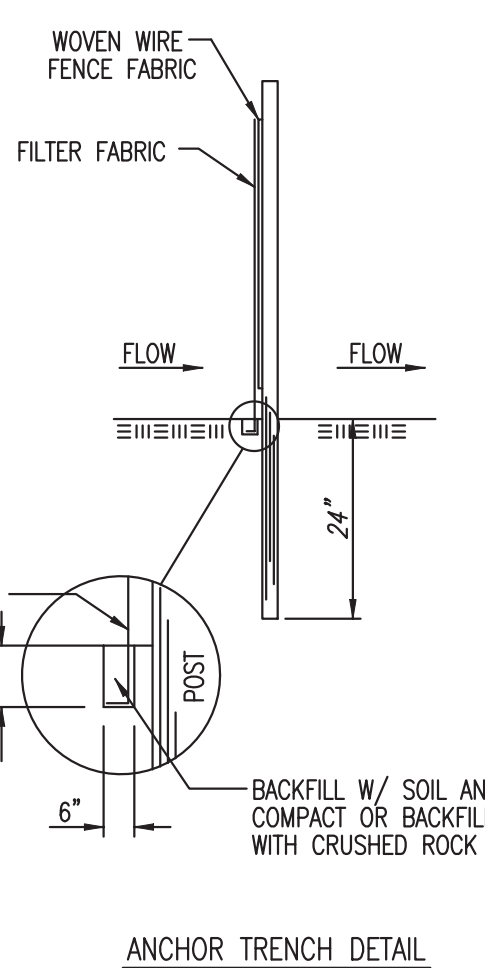
**LIST OF COMMON PLACEMENT/INSTALLATION MISTAKES TO AVOID:**

WATER SHOULD FLOW THROUGH A SILT FENCE DITCH CHECK—NOT OVER IT. PLACE SILT FENCE IN DITCHES WHERE IT IS UNLIKELY THAT IT WILL BE OVERTOPPED. SILT FENCE INSTALLATIONS QUICKLY DETERIORATE WHEN WATER OVERTOPS THEM. DO NOT PLACE SILT FENCE POSTS ON THE UPSTREAM SIDE OF THE SILT FENCE FABRIC. IN THIS CONFIGURATION, THE FORCE OF THE WATER IS NOT RESTRICTED BY THE POSTS, BUT ONLY BY THE STAPLES (WIRE, ZIP TIES, NAILS, ETC.). THE SILT FENCE WILL RIP AND FAIL. DO NOT PLACE A SILT FENCE DITCH CHECK DIRECTLY IN FRONT OF A CULVERT OUTLET. IT WILL NOT STAND UP TO THE CONCENTRATED FLOW. DO NOT PLACE SILT FENCE DITCH CHECKS IN DITCHES THAT WILL LIKELY EXPERIENCE HIGH FLOWS. THEY WILL NOT STAND UP TO CONCENTRATED FLOW. FOLLOW PRESCRIBED DITCH CHECK SPACING GUIDELINES. IF SPACING GUIDELINES ARE EXCEEDED, EROSION WILL OCCUR BETWEEN THE DITCH CHECKS. DO NOT ALLOW WATER TO FLOW AROUND THE DITCH CHECK. MAKE SURE THAT THE DITCH CHECK IS LONG ENOUGH SO THAT THE GROUND LEVEL AT THE ENDS OF THE FENCE IS HIGHER THAN THE LOW POINT ON THE TOP OF THE FENCE. DO NOT PLACE SILT FENCE DITCH CHECKS IN CHANNELS WITH SHALLOW SOILS UNDERLAIN BY ROCK. IF THE CHECK IS NOT ANCHORED SUFFICIENTLY, IT WILL WASH OUT.

**INSPECTION AND MAINTENANCE:**

SILT FENCE DITCH CHECKS SHOULD BE INSPECTED EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 1/2" OR MORE. THE FOLLOWING IS A LIST OF QUESTIONS THAT SHOULD BE ADDRESSED DURING EACH INSPECTION:

- DOES WATER FLOW AROUND THE DITCH CHECK?
- DOES WATER FLOW UNDER THE DITCH CHECK?
- DOES THE SILT FENCE SAG EXCESSIVELY?
- HAS THE SILT FENCE TORN OR BECOME DETACHED FROM THE POSTS?
- DOES SEDIMENT NEED TO BE REMOVED FROM BEHIND THE DITCH CHECK?



**MATERIAL SPECIFICATION:**

SILT FENCE FABRIC SHOULD CONFORM TO THE AASHTO M288 96 SILT FENCE SPECIFICATION. THE WIRE OR POLYMERIC MESH BACKING USED TO HELP SUPPORT THE SILT FENCE FABRIC SHOULD CONFORM TO THE AASHTO M288 96 SILT FENCE SPECIFICATION. THE POSTS USED TO SUPPORT THE SILT FENCE FABRIC SHOULD BE A HARDWOOD MATERIAL WITH THE FOLLOWING MINIMUM DIMENSIONS: 2" SQUARE (NOMINAL) BY 4' LONG. THE MATERIAL USED TO FRAME THE TOPS OF THE POSTS SHOULD BE 1" BY 4" BOARDS. SILT FENCE FABRIC AND SUPPORT BACKING SHOULD BE ATTACHED TO THE WOODEN POSTS AND FRAME WITH STAPLES, WIRE, ZIP TIES, OR NAILS.

**PLACEMENT:**

PLACE A SILT FENCE DROP INLET BARRIER IN A LOCATION WHERE IT IS UNLIKELY TO BE OVERTOPPED. WATER SHOULD FLOW THROUGH SILT FENCE, NOT OVER IT. SILT FENCE BARRIERS FOR AREA INLETS OFTEN FAIL WHEN REPEATEDLY OVERTOPPED. WHEN USED AS A BARRIER FOR AREA INLETS, SILT FENCE FABRIC AND POSTS MUST BE SUPPORTED AT THE TOP BY A WOODEN FRAME. WHEN A SILT FENCE BARRIER FOR AREA INLETS IS LOCATED NEAR AN INLET THAT HAS STEEP APPROACH SLOPES, THE STORAGE CAPACITY BEHIND THE BARRIER IS DRASTICALLY REDUCED. TIMELY REMOVAL OF SEDIMENT MUST OCCUR FOR A BARRIER TO OPERATE PROPERLY IN THIS LOCATION.

**PROPER INSTALLATION METHOD:**

EXCAVATE A TRENCH AROUND THE PERIMETER OF THE AREA INLET THAT IS AT LEAST 8" DEEP BY 8" WIDE. DRIVE POSTS TO A DEPTH OF AT LEAST 18" AROUND THE PERIMETER OF THE AREA INLET. THE DISTANCE BETWEEN POSTS SHOULD BE 4' OR LESS. IF THE DISTANCE BETWEEN TWO ADJACENT CORNER POSTS IS MORE THAN 4', ADD ANOTHER POST(S) BETWEEN THEM. CONNECT THE TOPS OF ALL THE POSTS WITH A WOODEN FRAME MADE OF 1" BY 4" BOARDS. USE NAILS OR SCREWS FOR FASTENING. ATTACH THE WIRE OR POLYMERIC-MESH BACKING TO THE OUTSIDE OF THE POST/FRAME STRUCTURE WITH STAPLES, WIRE, ZIP TIES, OR NAILS. ROLL OUT A CONTINUOUS LENGTH OF SILT FENCE FABRIC LONG ENOUGH TO WRAP AROUND THE PERIMETER OF THE AREA INLET. ADD MORE LENGTH FOR OVERLAPPING THE FABRIC JOINT. PLACE THE EDGE OF THE FABRIC IN THE TRENCH, STARTING AT THE OUTSIDE EDGE OF THE TRENCH. LINE ALL THREE SIDES OF THE TRENCH WITH THE FABRIC. BACKFILL OVER THE FABRIC IN THE TRENCH WITH THE EXCAVATED SOIL AND COMPACT. AFTER FILLING THE TRENCH, APPROXIMATELY 24" TO 36" OF SILT FENCE FABRIC SHOULD REMAIN EXPOSED. ATTACH THE SILT FENCE TO THE OUTSIDE OF THE POST/FRAME STRUCTURE WITH STAPLES, WIRE, ZIP TIES, OR NAILS. THE JOINT SHOULD BE OVERLAPPED TO THE NEXT POST.

NOTE: WHEN A SILT FENCE BARRIER FOR AREA INLET IS PLACED IN A SHALLOW MEDIAN DITCH, MAKE SURE THAT THE TOP OF THE BARRIER IS NOT HIGHER THAN THE PAVED ROAD. IN THIS CONFIGURATION, WATER MAY SPREAD ONTO THE ROADWAY CAUSING A HAZARDOUS CONDITION.

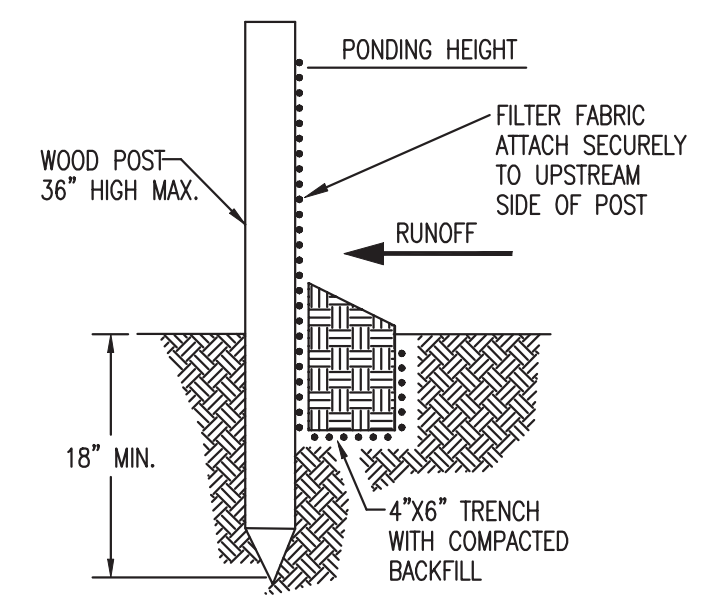
**LIST OF COMMON PLACEMENT/INSTALLATION MISTAKES TO AVOID:**

WATER SHOULD FLOW THROUGH A SILT FENCE BARRIER FOR AREA INLET—NOT OVER IT. PLACE A SILT FENCE BARRIER FOR AREA INLET IN A LOCATION WHERE IT IS UNLIKELY TO BE OVERTOPPED. SILT FENCE BARRIER FOR AREA INLETS OFTEN FAIL WHEN REPEATEDLY OVERTOPPED. DO NOT PLACE POSTS ON THE OUTSIDE OF THE SILT FENCE BARRIER FOR AREA INLET. IN THIS CONFIGURATION, THE FORCE OF THE WATER IS NOT RESISTED BY THE POSTS, BUT ONLY BY THE STAPLES (WIRE, ZIP TIES, NAILS, ETC.). THE SILT FENCE WILL RIP AND FAIL. DO NOT INSTALL SILT FENCE BARRIER FOR AREA INLETS WITHOUT FRAMING THE TOP OF THE POSTS. THE CORNER POSTS AROUND AREA INLETS ARE STRESSED IN TWO DIRECTIONS WHEREAS A NORMAL SILT FENCE IS ONLY STRESSED IN ONE DIRECTION. THIS ADDED STRESS REQUIRES MORE SUPPORT.

**INSPECTION AND MAINTENANCE:**

SILT FENCE BARRIER FOR AREA INLETS SHOULD BE INSPECTED EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 1/2" OR MORE. THE FOLLOWING IS A LIST OF QUESTIONS THAT SHOULD BE ADDRESSED DURING EACH INSPECTION:

- DOES WATER FLOW UNDER THE SILT FENCE?
- DOES THE SILT FENCE SAG EXCESSIVELY?
- HAS THE SILT FENCE TORN OR BECOME DETACHED FROM THE POSTS?
- DOES SEDIMENT NEED TO BE REMOVED FROM BEHIND THE AREA INLET BARRIER?



**MATERIAL SPECIFICATION:**

SILT FENCE FABRIC SHOULD CONFORM TO THE AASHTO M288 96 SILT FENCE SPECIFICATION. THE POSTS USED TO SUPPORT THE SILT FENCE FABRIC SHOULD BE A HARDWOOD MATERIAL WITH THE FOLLOWING MINIMUM DIMENSIONS: 2" SQUARE (NOMINAL) BY 4' LONG. SILT FENCE FABRIC SHOULD BE ATTACHED TO THE WOODEN POSTS WITH STAPLES, WIRE, ZIP TIES, OR NAILS.

**PLACEMENT:**

A SLOPE BARRIER SHOULD BE USED AT THE TOE OF A SLOPE WHEN A DITCH DOES NOT EXIST. THE SLOPE BARRIER SHOULD BE PLACED ON NEARLY LEVEL GROUND 5' TO 10' AWAY FROM THE TOE OF A SLOPE. THE BARRIER IS PLACED AWAY FROM THE TOE OF THE SLOPE TO PROVIDE ADEQUATE STORAGE FOR SETTLING OUT SEDIMENT. WHEN PRACTICABLE, SILT FENCE SLOPE BARRIERS SHOULD BE PLACED ALONG CONTOURS TO AVOID A CONCENTRATION OF FLOW. SILT FENCE SLOPE BARRIERS CAN ALSO BE PLACED ALONG RIGHT-OF-WAY FENCE LINES TO KEEP SEDIMENT FROM CROSSING ONTO ADJACENT PROPERTY. WHEN PLACED IN THIS MANNER, THE SLOPE BARRIER WILL NOT LIKELY FOLLOW CONTOURS.

**PROPER INSTALLATION METHOD:**

EXCAVATE A TRENCH THE LENGTH OF THE PLANNED SLOPE BARRIER THAT IS 6" DEEP BY 4" WIDE. MAKE SURE THAT THE TRENCH IS EXCAVATED ALONG A SINGLE CONTOUR. WHEN PRACTICABLE, SLOPE BARRIERS SHOULD BE PLACED ALONG CONTOURS TO AVOID A CONCENTRATION OF FLOW. PLACE THE SOIL ON THE UPSLOPE SIDE OF THE TRENCH FOR LATER USE. ROLL OUT A CONTINUOUS LENGTH OF SILT FENCE FABRIC ON THE DOWNSLOPE SIDE OF THE TRENCH. PLACE THE EDGE OF THE FABRIC IN THE TRENCH STARTING AT THE TOP UPSLOPE EDGE. LINE ALL THREE SIDES OF THE TRENCH WITH THE FABRIC. BACKFILL OVER THE FABRIC IN THE TRENCH WITH THE EXCAVATED SOIL AND COMPACT. AFTER FILLING THE TRENCH, APPROXIMATELY 24" TO 36" OF SILT-FENCE FABRIC SHOULD REMAIN EXPOSED. LAY THE EXPOSED SILT FENCE UPSLOPE OF THE TRENCH TO CLEAR AN AREA FOR DRIVING IN THE POSTS. JUST DOWNSLOPE OF THE TRENCH, DRIVE POSTS INTO THE GROUND TO A DEPTH OF AT LEAST 18". PLACE POSTS NO MORE THAN 4' APART. ATTACH THE SILT FENCE TO THE ANCHORED POST WITH STAPLES, WIRE, ZIP TIES, OR NAILS.

**LIST OF COMMON PLACEMENT/INSTALLATION MISTAKES TO AVOID:**

WHEN PRACTICABLE, DO NOT PLACE SILT FENCE SLOPE BARRIERS ACROSS CONTOURS. SLOPE BARRIERS SHOULD BE PLACED ALONG CONTOURS TO AVOID A CONCENTRATION OF FLOW. WHEN THE FLOW CONCENTRATES, IT OVERTOPS THE BARRIER AND THE SILT FENCE SLOPE BARRIER QUICKLY DETERIORATES. DO NOT PLACE SILT-FENCE POSTS ON THE UPSLOPE SIDE OF THE SILT FENCE FABRIC. IN THIS CONFIGURATION, THE FORCE OF THE WATER IS NOT RESTRICTED BY THE POSTS, BUT ONLY BY THE STAPLES (WIRE, ZIP TIES, NAILS, ETC.). THE SILT FENCE WILL RIP AND FAIL. DO NOT PLACE SILT FENCE SLOPE BARRIERS IN AREAS WITH SHALLOW SOILS UNDERLAIN BY ROCK. IF THE BARRIER IS NOT SUFFICIENTLY ANCHORED, IT WILL WASH OUT. SILT FENCE SLOPE BARRIERS MUST BE DUG INTO THE GROUND—SILT FENCE AT GROUND LEVEL DOES NOT WORK BECAUSE WATER WILL FLOW UNDERNEATH.

**INSPECTION AND MAINTENANCE:**

SILT FENCE SLOPE BARRIERS SHOULD BE INSPECTED EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 1/2" OR MORE. THE FOLLOWING IS A LIST OF QUESTIONS THAT SHOULD BE ADDRESSED DURING EACH INSPECTION:

- ARE THERE ANY POINTS ALONG THE SLOPE BARRIER WHERE WATER IS CONCENTRATING?
- DOES WATER FLOW UNDER THE SLOPE BARRIER?
- DO THE SILT FENCES SAG EXCESSIVELY?
- HAS THE SILT FENCE TORN OR BECOME DETACHED FROM THE POSTS?
- DOES SEDIMENT NEED TO BE REMOVED FROM BEHIND THE SLOPE BARRIER?

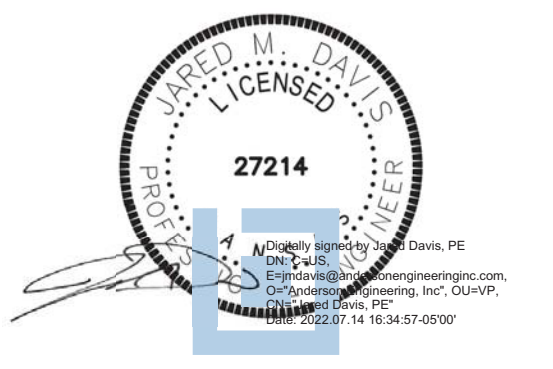
REVISION DATE: MAY 2015



**SILT FENCE DITCH CHECK  
AND BARRIER DETAILS**

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



ISSUED BY: JARED M DAVIS  
LICENSE NO: PE No. 27214

SHEET TITLE  
**EROSION  
CONTROL  
DETAILS 2**

SHEET NUMBER  
**5**

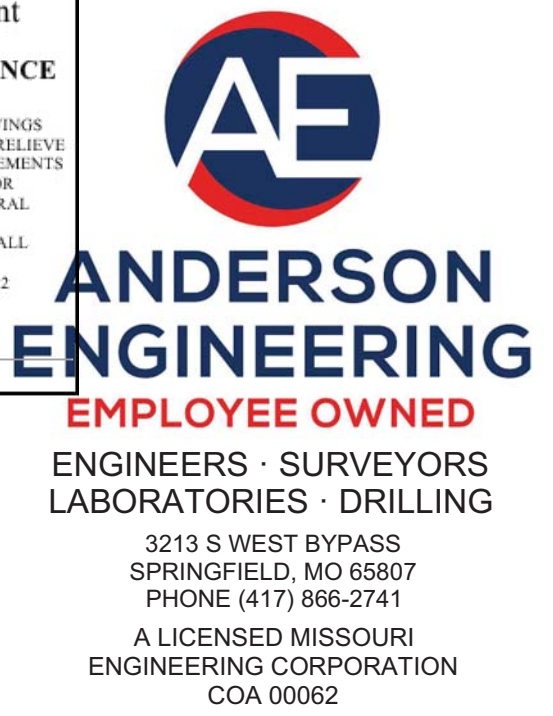






PC 211-6

Wichita-Sedgwick County Metropolitan Area Building and Construction Department  
REVIEWED FOR CODE COMPLIANCE  
CORRECTIONS OR COMMENTS MADE ON THESE DRAWINGS AND THIS DOCUMENT DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH ALL REQUIREMENTS OF THE CODE OF THE MARKED THE CITY OF WICHITA OR SEDGWICK COUNTY. THIS REVIEW IS ONLY FOR GENERAL CONFORMANCE OF THE CODE. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING AND CORRECTING ALL TECHNICALS OF CONSTRUCTION. THIS APPROVAL IS SUBJECT TO PROVISIONS OF SECTION 107.4 OF THE 2012 INTERNATIONAL BUILDING CODE.  
DATE: 07/20/22 BY: Kyle McLaren



VANTEDGE AUTO T5 TAKE5 OIL CHANGE

3630 N. MAIZE RD WICHITA, KS

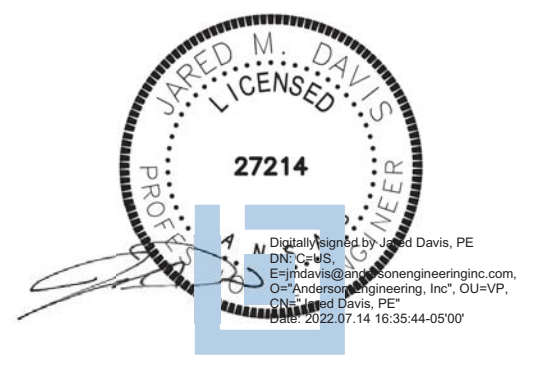
ISSUED FOR

NO. DESCRIPTION DATE

Table with 3 columns: NO., DESCRIPTION, DATE. Multiple empty rows for recording issues.

DRAWING INFORMATION

PROJECT NO: 22SP10040  
DRAWN BY: CMH  
CHECK BY: JMD  
ISSUED FOR: PERMIT  
ISSUED DATE: 04/15/2022



ISSUED BY: JARED M DAVIS  
LICENSE NO: PE No. 27214

SHEET TITLE  
PLAT

SHEET NUMBER

9

CERTIFICATE OF SURVEY

I, Gregory J. Allison, a registered land surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and plotting of "STONEBRIDGE COMMERCIAL ADDITION", an addition to Wichita, Sedgwick County, Kansas, into Lots, a Block, a Reserve, and Streets, the same being accurately set forth in the accompanying plat and described herein.

The Northwest Quarter of the Northwest Quarter, Section 32, Township 26 South, Range 1 West, of the Sixth Principal Meridian, Wichita, Sedgwick County, Kansas.

All reserves, streets, utility easements, building setbacks, and access controls, together with, a Deed Easement recorded in Film 2672, Page 509; a Deed Easement recorded in Film 2672, Page 511; a right-of-way easement recorded in Book 545, Page 4; an easement for right-of-way recorded in Film 1983, Page 264; an easement for right-of-way recorded in Film 1983, Page 272; and an easement for right-of-way recorded in Film 2562, Page 3108, within the above described property are hereby vacated and replatted by virtue of K.S.A. 12-512(b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 17 day of December 2008.



Gregory J. Allison, PE, LS #1257  
MKEC Engineering Consultants, Inc.  
411 North Webb Road  
Wichita, Kansas 67206  
www.mkec.com

OWNER'S CERTIFICATE

Know all men by these presents that we the undersigned property owners of the land above set forth in the Registered Land Surveyor's Certificate, have caused the same to be surveyed and plotted into Lots, a Block, a Reserve, and Streets the same to be known as "STONEBRIDGE COMMERCIAL ADDITION", an addition to Wichita, Sedgwick County, Kansas.

Easements for the construction and maintenance of public utilities and drainage and sanitary sewers, as indicated on the accompanying plat are hereby granted to the public. The private wall easements along south line of Lot 1, Block 1 and along east line of Lot 10 and a portion of Lot 11, Block 1, are hereby plotted for the construction and maintenance of private walls. Public utility lines may cross under and over the private wall easement within appropriate utility easements crossings shall be at right angles to the private wall easement. Private utility service lines may cross under and over the private wall easements crossings shall be at right angles to the private wall alignment. Private screening fences, walls, and associated appurtenances may cross drainage, utility, and sewer easements.

The streets are hereby dedicated to and for the use of the public.

All abutters right of access to or from 37th Street and across the north line of "STONEBRIDGE COMMERCIAL ADDITION" is hereby granted to the appropriate governing body, as indicated hereon, provided however, Lots 5 and 11 shall each have a full movement 70' opening. All abutters right of access to or from Maize Road over and across the West line of "STONEBRIDGE COMMERCIAL ADDITION" is hereby granted to the appropriate governing body, as indicated hereon, provided however, Lots 5 and 11 shall each have a full movement 70' opening, as indicated hereon. Furthermore, access to both 37th Street and Maize Road shall be per the access control notes as stated hereon.

A drainage plan has been developed for this plat. All drainage easements, rights-of-way, or reserves shall remain at established grades or as modified with the approval of the applicable City or County Engineer, and unobstructed to allow for the conveyance of storm water. Lots 1-11, inclusive, Block 1, are required to adhere to the minimum pad elevation as shown on the "Minimum Pad Elevations".

This plat shall adhere and conform to the recitals of C.U.P. DP-295 as approved and recorded at the Wichita-Sedgwick County Metropolitan Area Planning Department.

Reserve "A" is plotted for a public drainage easement granted to the public, drainage facilities, utilities confined by easements, sidewalks, berms, monuments, landscaping, irrigation, open space and a parking lot. Reserve "A" is also granted as a permanent easement to the public for the purpose constructing and financing stormwater mitigation, drainage, and detention improvements. The Reserve shall be owned and maintained by the owner of Lot 11, Block 1 and is reserved for the stated uses.

NORTH 37TH, LLC, a Kansas limited liability company

Paul Jackson, Manager  
Paul Jackson, Manager of Vantage Matze, LLC  
by: Vantage Matze, LLC, a Kansas limited liability company as its Manager

STATE OF KANSAS, SEDGWICK COUNTY) ss:

This instrument was acknowledged before me on 23 day of December, 2008, by Paul Jackson, Manager, Vantage Matze, LLC, a Kansas limited liability company, Manager, North 37th, LLC, a Kansas limited liability company.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year last above written.

ANN C. YBARRA  
Notary Public - State of Kansas  
My Term Expires 9-18-09

MORTGAGE CERTIFICATE

Commerce Bank, N.A. holder of a mortgage on the above described property, does hereby consent to the plat of "STONEBRIDGE COMMERCIAL ADDITION."

COMMERCE BANK, N.A.

Collin Stieben, Vice President \* Senior

STATE OF KANSAS, SEDGWICK COUNTY) ss:

This instrument was acknowledged before me on 17th day of December, 2008, by Collin Stieben, Vice President, Commerce Bank, N.A.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year last above written.

MOLLIE L. SMITH  
Notary Public - State of Kansas  
My Term Expires 11/1/2012

FINAL PLAT  
STONEBRIDGE COMMERCIAL ADDITION  
AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

PLANNING COMMISSION CERTIFICATE

This plat of "STONEBRIDGE COMMERCIAL ADDITION" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 24th day of July, 2008

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

Darrell Downing, Chair



John L. Schindler, Secretary

GOVERNING BODY CERTIFICATE

The dedications shown on this plat are hereby accepted and this plat is hereby approved by the governing body of the City of Wichita, Kansas.

Dated this 24 day of Feb., 2009

At the direction of the City Council.

Karen Sublett, City Clerk

TRANSFER RECORD

STATE OF KANSAS, SEDGWICK COUNTY) ss:

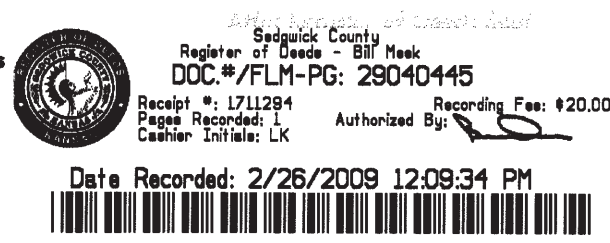
Entered on transfer record this 26th day of February, 2009

Kelly Arnold, County Clerk

REGISTER OF DEEDS CERTIFICATE

This is to certify that this instrument was filed for record in the Register of Deeds office this 26th day of February, 2009, at 12:09:24 o'clock P. M. and is duly recorded for a fee of \$20.00.

Bill Meek, Register of Deeds  
Tonya E. Buckingham, Deputy



COUNTY SURVEYOR

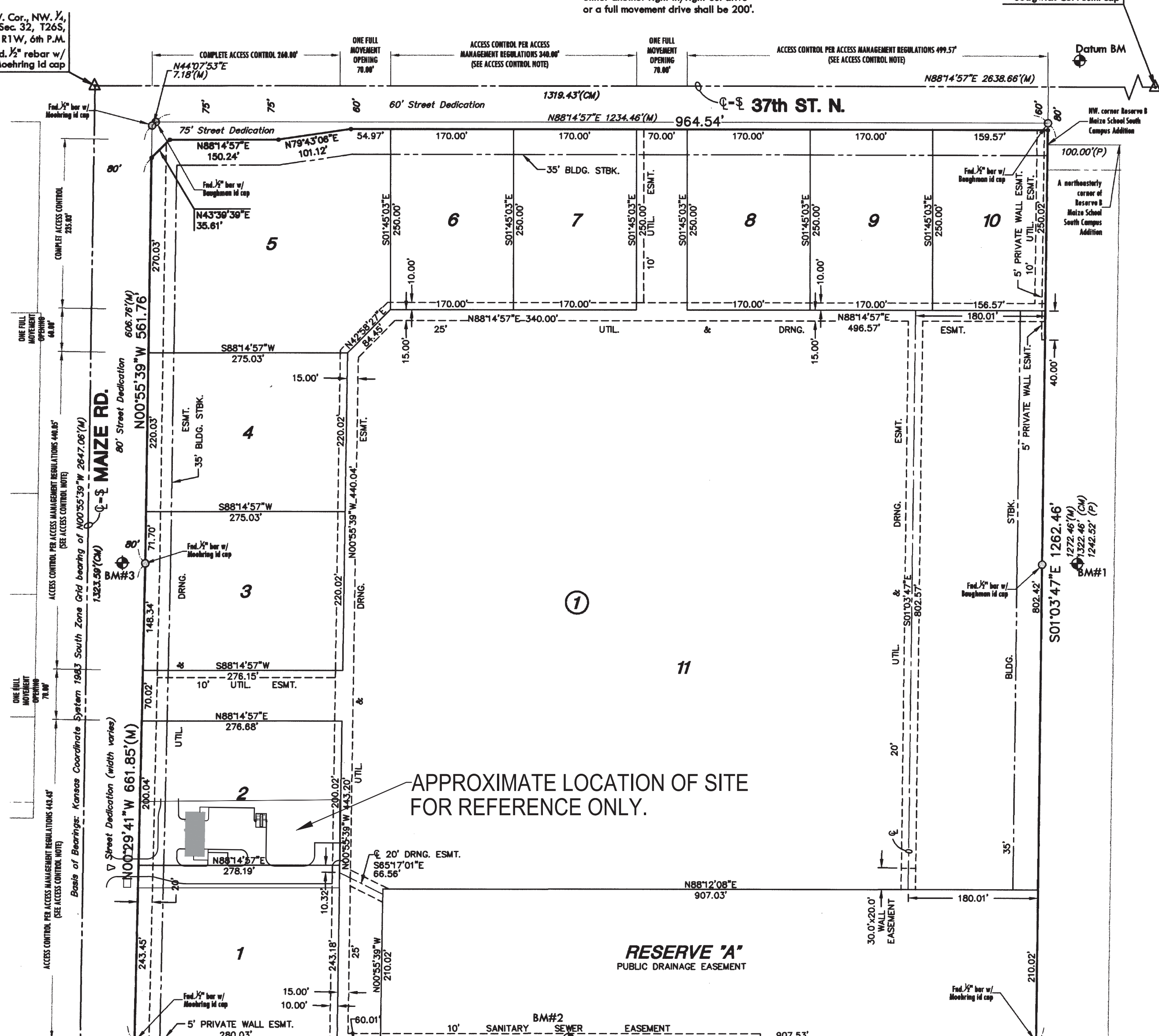
Reviewed in accordance with K.S.A. 58-2005 on this 5th day of January, 2009

Tricia L. Robello, Deputy County Surveyor  
Sedgwick County, Kansas



FOR REFERENCE ONLY  
NOT TO SCALE

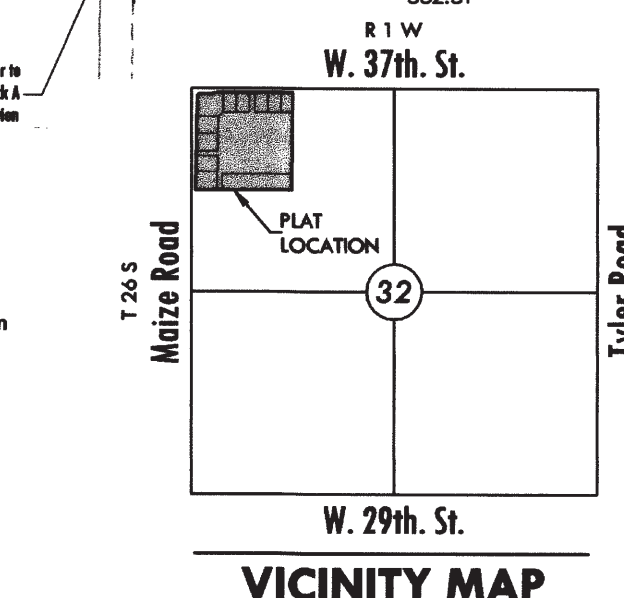
Basis of Bearings  
Kansas Coordinate System South Zone bearing of N00°55'39"W  
along the W. line of NW 1/4, Sec. 32, T26S, R1W, 6th P.M.



MINIMUM PAD ELEVATIONS LOWEST FINISH  
Table with columns: LOTS (inclusive), BLOCK, ELEVATION NGVD 29  
1-11, 1, 1355.50

- BENCH MARKS  
Top of "T" post 35' ± N. of the N. line of NW 1/4, Sec. 32, T26S, R1W and 1384' ± E. of NW 1/4 corner of said NW 1/4. Elev. = 1353.54 (NGVD 29)  
Top of "T" post 60' ± S. of the N. line of NW 1/4, Sec. 32, T26S, R1W and 1325' ± E. of W. line of said NW 1/4. Elev. = 1351.69 (NGVD 29)  
Top of "T" post 67' ± E. of the W. line of NW 1/4, Sec. 32, T26S, R1W and 1320' ± S. of the N. line of said NW 1/4. Elev. = 1351.79 (NGVD 29)  
Square cut on N. end of concrete pipe 78' SW. of the NW corner Lot 3, Block 1, Stonebridge Commercial Addition and being 50' ± E. of the W. line of NW 1/4, Sec. 32, T26S, R1W. Elev. = 1353.59 (NGVD 29)

- LEGEND  
Date of Survey: January, 2007  
△ = Section Corner Monument Found  
○ = Found survey monument see annotation for type  
● = Set 3/4" Rebar w/ MKEC CLS 39 Id. cap  
(M) = Measured  
(P) = Platted  
(CM) = Calculated from measured



NOTES

- 1.) Access Controls: 37th St. and Maize Road - Access points for lots 1-4 and 6-10 shall be placed accordingly. The minimum distance between full turning movement drives shall be 400'. The minimum distance between a right-in/right-out drive and either another right-in/right-out drive or a full movement drive shall be 200'.
- 2.) Zoning: This plat shall adhere and conform to the recitals of CUP DP-295 as approved and recorded on the Wichita-Sedgwick County Metropolitan Planning Area Department.

NE Cor., NW 1/4, Sec. 32, T26S, R1W, 6th P.M. Fnd. Bar w/ Std. 1" Sedgwick Co. Alum. cap

STONEBRIDGE COMMERCIAL ADDITION (SPEC. ENGINEERING)

MKEC ENGINEERING CONSULTANTS, INC. 411 N. WEBB ROAD WICHITA, KS 67206 316-684-9600

PC 211-6