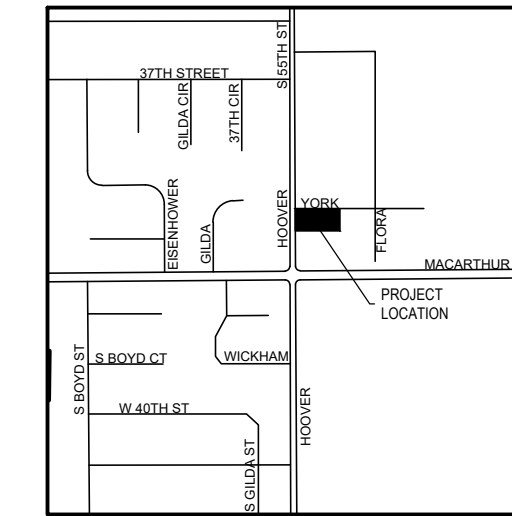


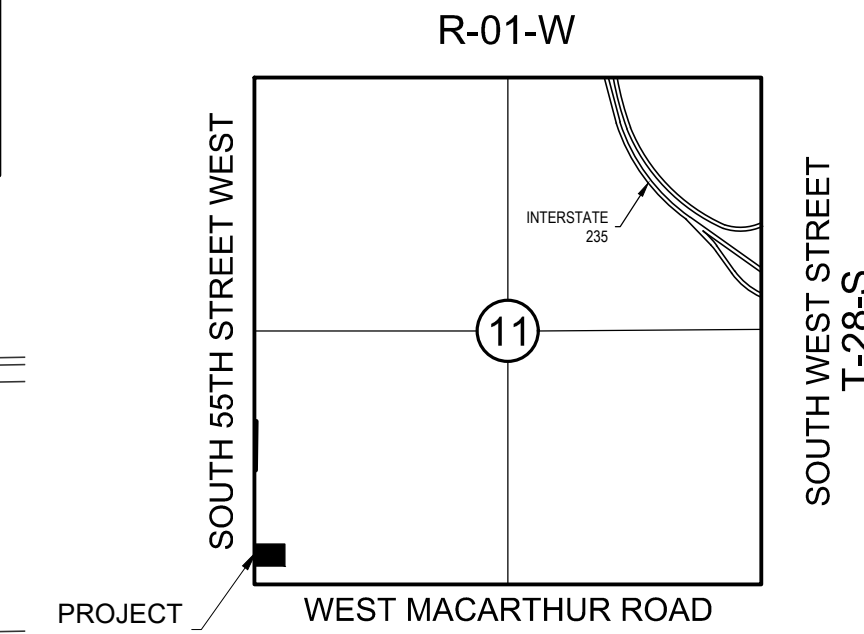
Storm Sewer Improvements  
to serve

# Skyline Heights-Block A

3926 S Hoover  
City of Wichita, Kansas  
Gary Janzen, P.E. City Engineer  
Project Number  
2020-635 PPD



VICINITY MAP  
SCALE: N.T.S.



LOCATION MAP  
SCALE: 1"=2000'

### SHEET INDEX

- C1 TITLE SHEET
- C2 GRADING AND EROSION CONTROL PLAN
- C3 EROSION CONTROL DETAILS
- C4 STORM SEWER PLAN AND PROFILE
- C5 ERU PLAN

### STORMWATER CERTIFICATION

New Development

Stormwater Permit #: SWO2020-0021

NOI Permit #: KSR115421

*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 Wichita/Sedgwick County Stormwater Manual.*

Site Area (Acres): 0.95

Disturbed Area (Acres): 0.76 Impervious/0.49 Pervious

Water Quality Treatment: Enroll in Offsite BMP Program

Downstream Channel Protection: N/A

Detention: N/A

The BMP used for this development is: Offsite BMP Program

APPROVED AS NOTED  
BY WICHITA PUBLIC WORKS  
ENGINEERING DIVISION AND BY WICHITA FIRE  
DEPARTMENT

Engineering approved by Seth Gotchey on this day the 9th of April, 2020

Stormwater approved by Joe Hickle on this day the 9th of April, 2020

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 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.

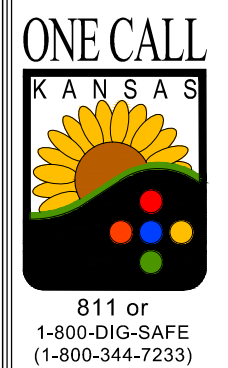
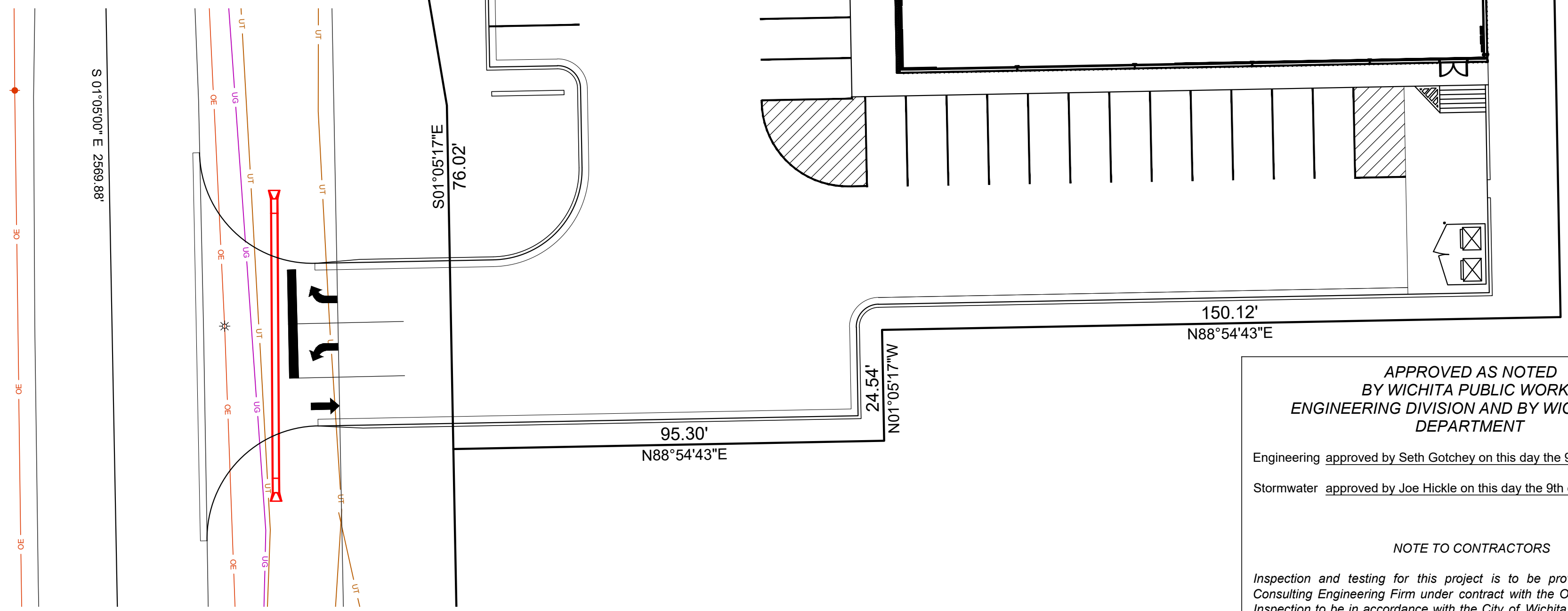
AAB Engineering, LLC

Engineering • Surveying • Land Planning

PO Box 2136 Sand Springs, OK 74063  
OK CA#6318 Exp: June 30, 2020  
KS CA#2232 Exp: Dec. 31, 2020  
Office: (918) 514-4283 Fax: (918) 514-4288

### 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 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  
WESTAR ENERGY 1-800-544-4857
- UTILITY SERVICES 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 TO 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 DISPOSE 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 EIGHTER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE 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 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 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, 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 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, 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.
- CITY MAINTENANCE OF SANITARY SEWER MAINS ENDS AT LAST STRUCTURE WITHIN THE EASEMENT RIGHT-OF-WAY.
- A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUND AROUND MANHOLES WHICH EXTENDS 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 AT THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF 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 OF EXISTING UTILITIES THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.



**BENCHMARK**

COW BENCHMARK AT NORTHEAST CORNER INTERSECTION OF RIDGE ROAD AND 35TH STREET S. ELEV= 1309.65 (NAVD 1988)

SET SQUARE CUT IN BACK OF CURB ON WEST SIDE OF THE END OF FLORA AVE. ELEV=1303.83 (NAVD 1988)

REVISIONS

AVAN BETCHAN  
LICENSED PROFESSIONAL ENGINEER  
23210

STORE #: 21355

HOOPER STREET AND WEST YORK STREET, WICHITA, KANSAS

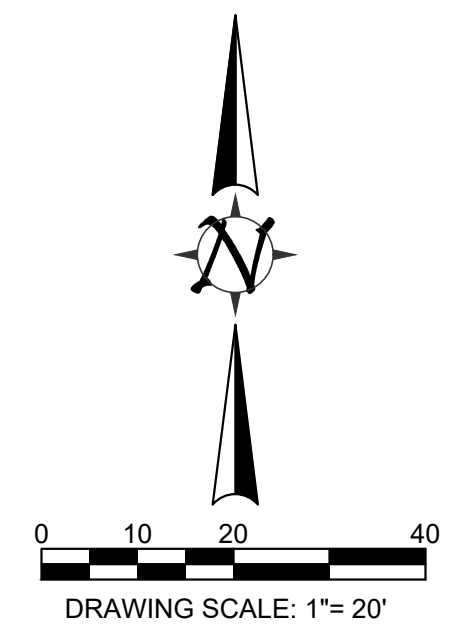
**DOLLAR GENERAL**

70'-0"X130'-0" 7,500 SF PROTOTYPE "B"

DATE: 04-01-2020  
DRAWING TITLE: SITE PLAN  
DRAWN BY: -CHECKED BY:  
SHEET NO. C1

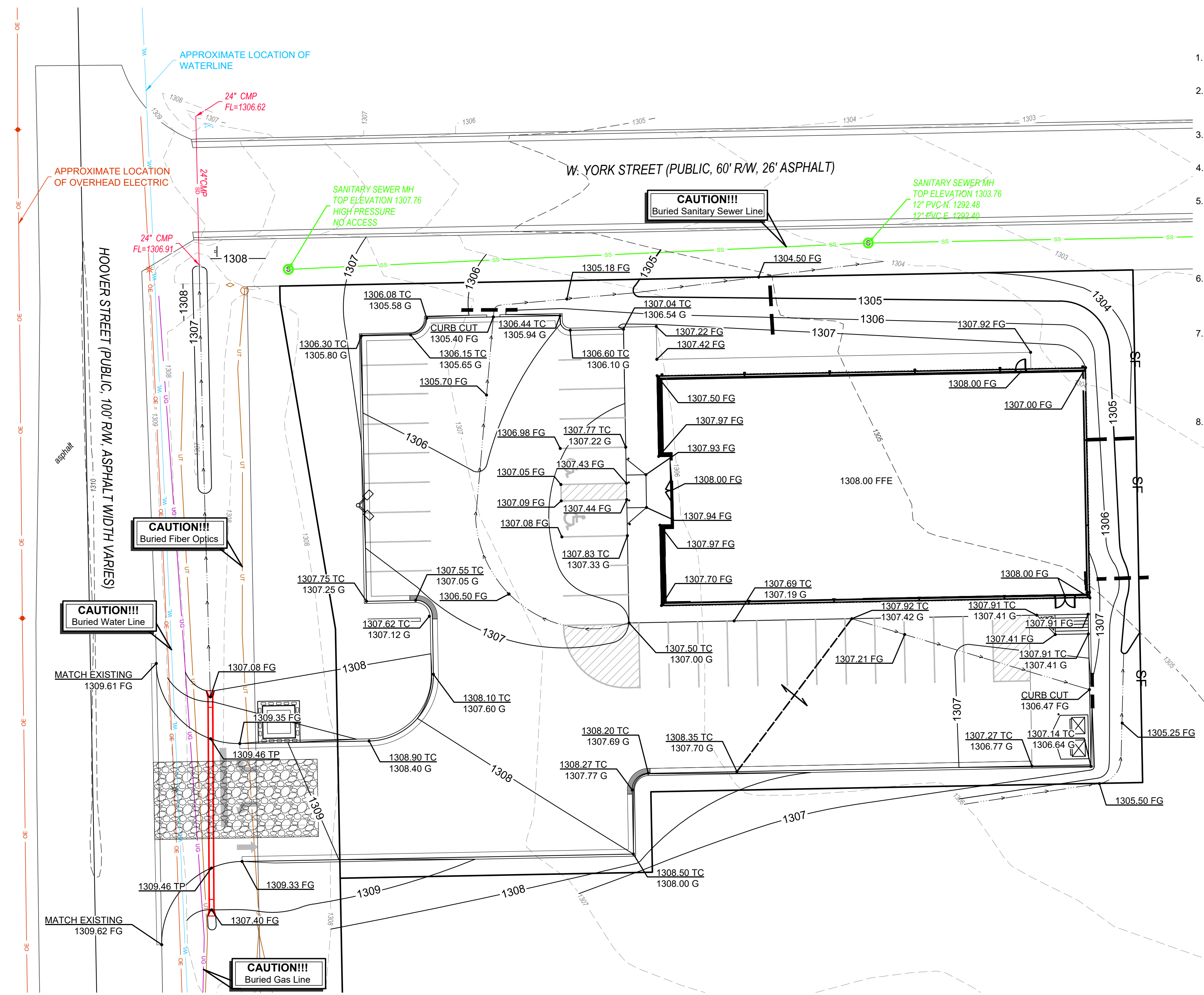
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NO.	DATE	DESCRIPTION



**LEGEND**

- 545 --- EXISTING INDEX CONTOUR
- 547 --- EXISTING INTERMEDIATE CONTOUR
- 545 --- PROPOSED INDEX CONTOUR
- 547 --- PROPOSED INTERMEDIATE CONTOUR
- --- STRAW WATTLE
- SF --- SILT FENCE
- 24x50' STABILIZED CONSTRUCTION ENTRANCE
- CONCRETE WASHOUT
- GRADE BREAK
- SPOT ELEVATION
- DRAINAGE DIRECTION
- TC TOP OF CURB
- TP TOP OF PAVEMENT
- TG TOP OF GRATE
- TR TOP OF RIM
- G GUTTER
- FL FLOWLINE
- TW TOP OF WALL
- BW BOTTOM OF WALL
- FG FINISHED GRADE
- PG PROPOSED GRADE
- EX EXISTING GRADE
- FLT FLOW LINE THROAT
- FF FINISH FLOOR
- PE PAD ELEVATION
- TG TOP OF GRATE
- TS TOP OF STEP
- BS BOTTOM OF STEP
- TD TOP OF DAM



**GRADING NOTES**

1. ALL TOPSOIL SHALL BE STRIPPED, STOCKPILED, AND RESPREAD IN AREAS NOT TO BE PAVED OR CONSTRUCTED UPON.
2. FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR DENSITY, UNLESS OTHERWISE NOTED. MAXIMUM LIFT THICKNESS SHALL NOT EXCEED 8 INCHES.
3. ALL UTILITY CONSTRUCTION SHALL BE COMPLETED PRIOR TO SUBGRADE STABILIZATION.
4. SUBGRADE MATERIAL SHALL BE FREE OF ROOTS AND OTHER ORGANIC MATTER.
5. ALL SUBGRADES SHALL BE PROOF ROLLED TO ENSURE STABILITY. ANY AREAS SHOWING EVIDENCE OF INSTABILITY SHALL BE REWORKED TO OBTAIN OPTIMUM MOISTURE CONTENT AND RECOMPACTED AT THE CONTRACTOR'S EXPENSE. REQUIRED REWORK SHALL BE AT THE SOLE DISCRETION OF THE OWNER'S REPRESENTATIVE OVERSEEING CONSTRUCTION.
6. AAB ENGINEERING, LLC HAS NOT PERFORMED ANY GEOTECHNICAL SERVICES FOR THIS PROJECT. ALL SUBGRADES SHALL BE PREPARED AND TESTED IN CONFORMANCE WITH THE GEOTECHNICAL REPORT PREPARED BY INTERTEK-PSI DATED OCTOBER 3, 2019.
7. ALL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED BEFORE EARTHWORK BEGINS AND MAINTAINED THROUGHOUT THE PROJECT. A STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PREPARED FOR THIS PROJECT AND SHALL BE REFERENCED FOR FURTHER REQUIRED POLLUTION PREVENTION MEASURES. CONSTRUCTION SHALL CONFORM WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.
8. ALL DISTURBED AREAS SHALL BE SOLID SLAB SODDED UNLESS SEEDING IS SPECIFICALLY AUTHORIZED BY THE OWNER.

**STORMWATER CERTIFICATION**

New Development

Stormwater Permit #: SWO2020-0021

NOI Permit #: KSR115421

*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 Wichita/Sedgewick County Stormwater Manual.*

Site Area (Acres): 0.95

Disturbed Area (Acres): 0.76 Impervious/0.49 Pervious

Water Quality Treatment: Enroll in Offsite BMP Program

Downstream Channel Protection: N/A

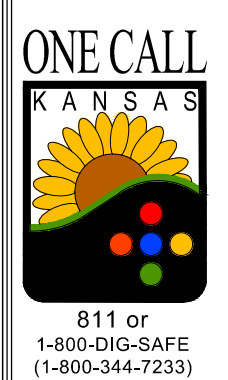
Detention: N/A

The BMP used for this development is: Offsite BMP Program

**BENCHMARK**

COW BENCHMARK AT NORTHEAST CORNER INTERSECTION OF RIDGE ROAD AND 35TH STREET S. ELEV= 1309.65 (NAVD 1988)

SET SQUARE CUT IN BACK OF CURB ON WEST SIDE OF THE END OF FLORA AVE. ELEV=1303.83 (NAVD 1988)



**STORE # : 21355**

HOOPER STREET AND  
WEST YORK STREET,  
WICHITA, KANSAS

**DOLLAR GENERAL**

70'-0"X130'-0" 7,500 SF PROTOTYPE "B"

AAB Engineering, LLC

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PO Box 2136 Sand Springs, OK 74063  
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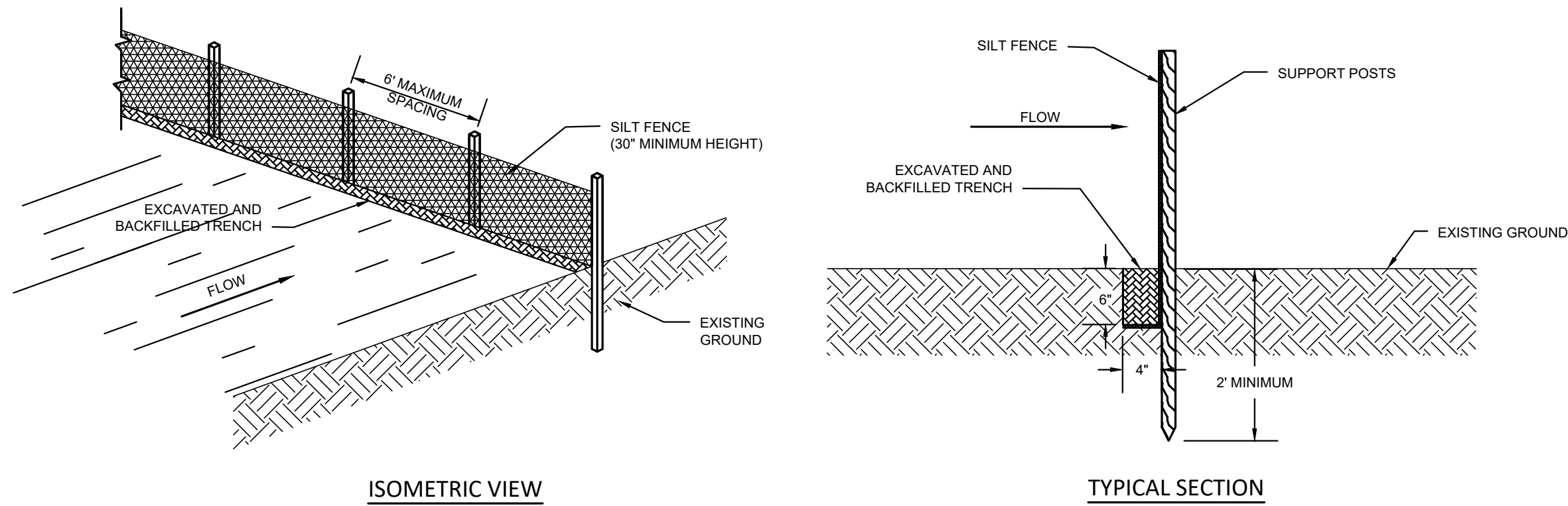
DATE: 04-01-2020

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DRAWN BY: CHECKED BY:

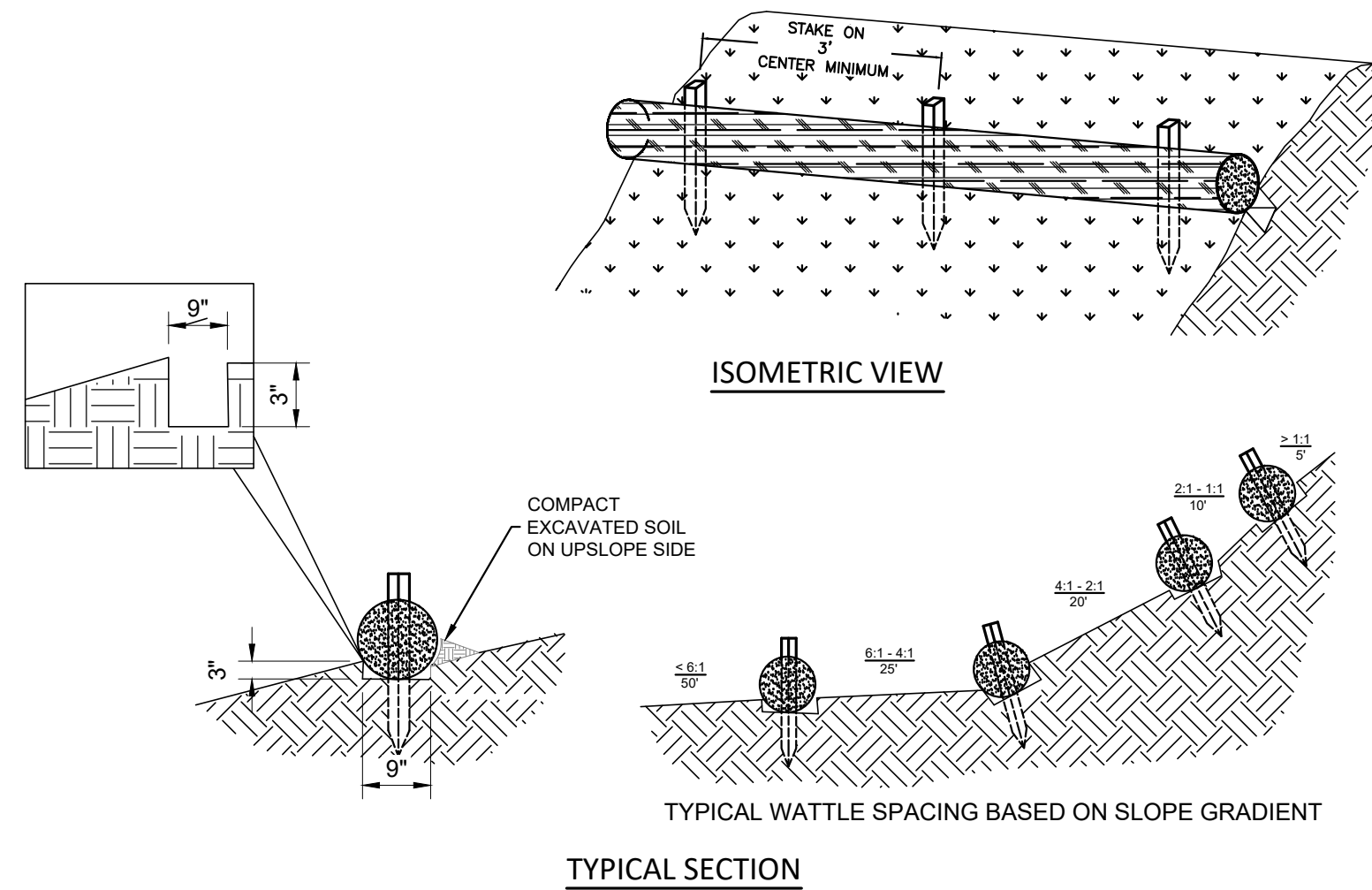
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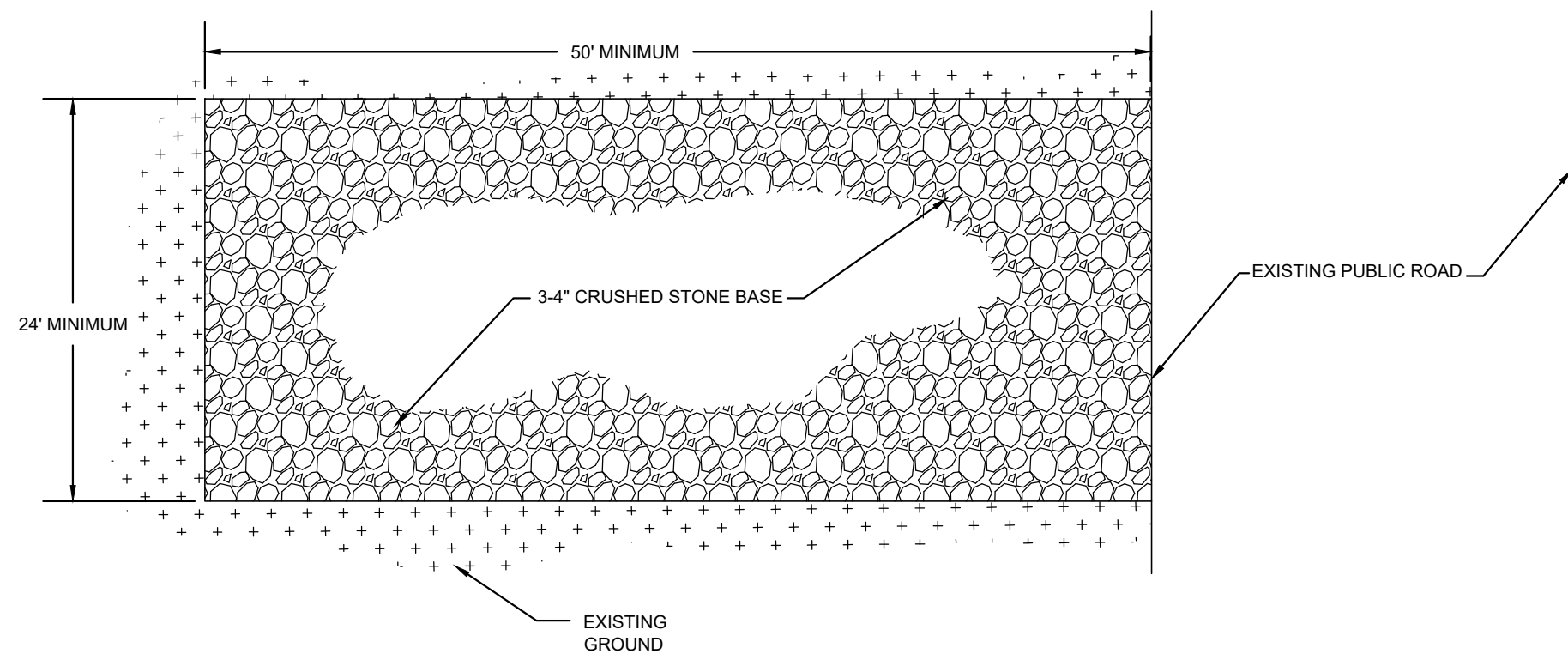
**A Silt Fence Detail**  
Scale: None

- WOODEN OR STEEL POSTS SHALL BE INSTALLED WITH A MINIMUM SPACING OF 6 FEET.
- SILT FENCE MUST BE EMBEDDED AS SHOWN TO PREVENT SEDIMENT TRANSPORT.
- SILT FENCE SHOULD BE SECURED TO EACH POST USING TIES OR STAPLES.
- SILT FENCE SHALL BE INSPECTED AFTER EVERY RAIN EVENT. SEDIMENT SHOULD BE REMOVED IF THE DEPTH EXCEEDS 6 INCHES. DISPOSE OF SEDIMENT ONSITE IN A MANNER THAT WILL MINIMIZE FURTHER EROSION.
- ANY DAMAGE TO SILT FENCE SHALL BE PROMPTLY REPAIRED AND ANY BYPASSED SEDIMENT SHALL BE COLLECTED AS POSSIBLE.
- SILT FENCE SHALL BE REMOVED AS SOON AS PRACTICAL TO LIMIT ITS IMPEDANCE TO STORMWATER FLOWS.



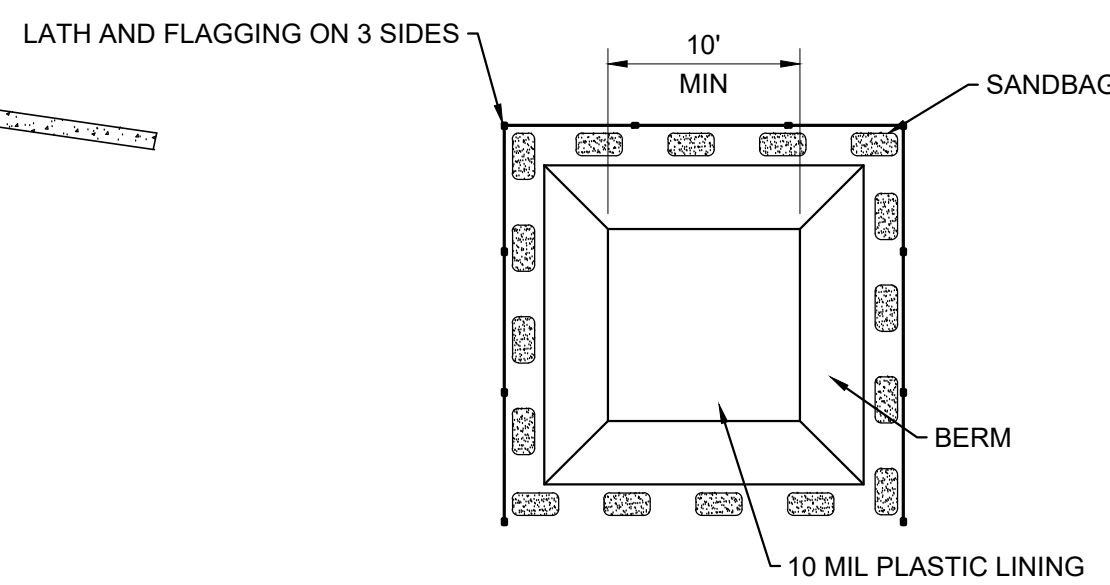
**B Straw Wattle**  
Scale: None

- BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UPSLOPE FROM THE ANCHOR TRENCH.
- PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
- SECURE THE WATTLE WITH 18-24" (45.7-61 CM) STAKES EVERY 3-4' (0.9-1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

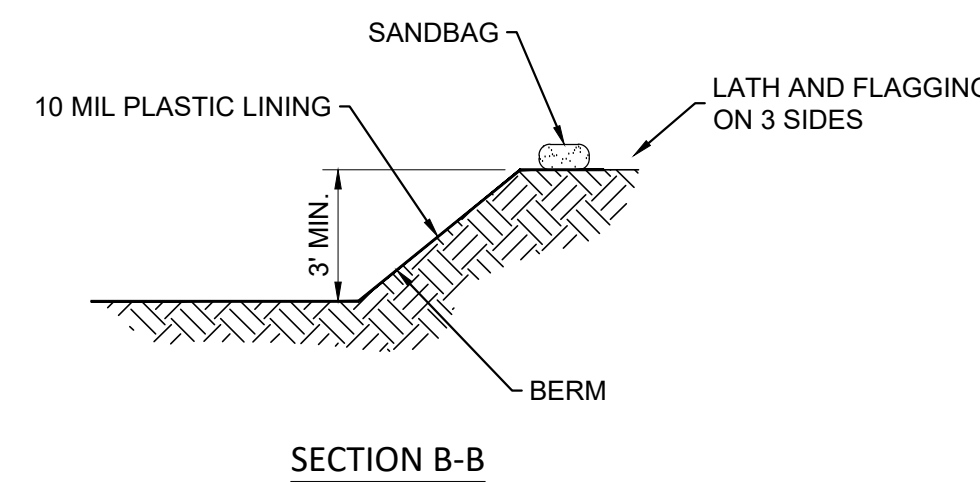


**C Stabilized Construction Entrance Detail**  
Scale: None

- CRUSHED STONE SHALL BE INSTALLED TO A MINIMUM DEPTH OF 8 INCHES.
- WIDTH OF STABILIZED CONSTRUCTION ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED STREET OR ENTRANCE BUT NOT BE LESS THAN 24 FEET.
- THE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE AS LONG AS NECESSARY TO PREVENT SEDIMENT OFF TRACKING BUT NOT LESS THAN 50 FEET.
- THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE ENTRANCE FREQUENTLY. MAINTENANCE CAN INCLUDE REGRADING OF THE SURFACE COARSE OR ADDITION OF AGGREGATE.
- ANY SEDIMENT OFF TRACKED TO THE PUBLIC STREETS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROMPTLY REMOVE ANY OFF TRACKED SEDIMENT AND MAINTAIN/EXPAND THE ENTRANCE TO PREVENT FURTHER OFF TRACKING.



**D Concrete Washout Detail**  
Scale: None



**TEMPORARY EROSION CONTROL SEEDING**

TEMPORARY EROSION CONTROL SHOULD BE IMPLEMENTED ONCE BULK EARTHWORK OPERATIONS ARE COMPLETED TO MINIMIZE EROSION POTENTIAL BEFORE PERMANENT COVER IS ESTABLISHED. TEMPORARY SEEDING MEASURES ARE GENERALLY NECESSARY WHEN SOILS WILL BE DISTURBED IN EXCESS OF 6 MONTHS PRIOR TO PERMANENT SEEDING. DURING PERIODS OF HIGH PRECIPITATION OR IN HIGHLY ERODIBLE SOILS THIS TIMEFRAME MAY BE SHORTER.

- THE CONTRACTOR SHALL ENSURE ALL STRUCTURAL EROSION CONTROL MEASURES, INCLUDING STRAW WATTLES, CHECK DAMS, SILT FENCE, AND INLET SEDIMENT TRAPS, HAVE BEEN IMPLEMENTED PRIOR TO TEMPORARY SEEDING.
- ALL SEED SHALL BE UNIFORMLY DRILLED OR HYDROSEED.
- ALL SEEDING IMPLEMENTS SHOULD TRAVEL PATHS PERPENDICULAR TO THE SLOPES TO LIMIT EROSION.
- IF THE SURFACE OF THE SOIL IS NOT LOOSENED FROM RECENT GRADING OPERATIONS IT SHALL BE DISCED PRIOR TO SEEDING.
- AN EVENLY BALANCED FERTILIZER, SUCH AS 10-10-10 OR 13-13-13, SHALL BE APPLIED AT A RATE 450 LBS. PER ACRE (10 LBS PER 1000 SQ. FT.) PRIOR TO SEEDING.
- SHOULD COVER NOT DEVELOP THE CONTRACTOR SHALL RESEED AS NECESSARY TO ESTABLISH SUFFICIENT GROUND COVER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING UNTIL 2 INCHES OF GROWTH HAS BEEN ACHIEVED AND AS NECESSARY TO MAINTAIN TEMPORARY COVER.
- ACCEPTABLE TEMPORARY SEEDING OPTIONS ARE:

SEED TYPE	RATE	PER ACRE	PER 1000 SQ. FT.
FERTILIZER (16-20-0)		100 LBS.	2.3 LBS.
FERTILIZER (15-30-15)		65 LBS.	1.5 LBS.
CANADA WILD RYE GRASS SEED		20 LBS.	0.5 LB.
GRAIN OATS		45 LBS.	1.0 LB.
STERILE WHEATGRASS		45 LBS.	1.0 LB.
MULCH TRACKING SLURRY		900 LBS.	20.7 LBS.
MULCHING (TEMPORARY)		2 TONS	91.8 LBS.

**PERMANENT EROSION CONTROL SEEDING**

PERMANENT EROSION CONTROL SEEDING SHOULD BE COMPLETED AS SOON AS PRACTICAL TO MINIMIZE EROSION. FOR BEST RESULTS A BLEND OF SEED SHOULD BE USED TO DEVELOP A GROUND COVER BEST ADAPTED TO THE VARIED CLIMATE CONDITIONS FOUND IN KANSAS.

- ALL SEED SHALL BE UNIFORMLY DRILLED OR HYDROSEED.
- ALL SEEDING IMPLEMENTS SHOULD TRAVEL PATHS PERPENDICULAR TO THE SLOPES TO LIMIT EROSION.
- AN EVENLY BALANCED FERTILIZER, SUCH AS 10-10-10 OR 13-13-13, SHALL BE APPLIED AT A RATE 450 LBS. PER ACRE (10 LBS PER 1000 SQ. FT.) PRIOR TO SEEDING. FERTILIZER SHOULD BE DISCED EVENLY INTO THE SOIL.
- IF THE SURFACE OF THE SOIL IS NOT LOOSENED FROM RECENT GRADING OPERATIONS IT SHALL BE DISCED PRIOR TO SEEDING.
- SHOULD COVER NOT DEVELOP THE CONTRACTOR SHALL RESEED AS NECESSARY TO ESTABLISH ADEQUATE GROUND COVER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING UNTIL 2 INCHES OF GROWTH HAS BEEN ACHIEVED.
- ACCEPTABLE PERMANENT SEEDING OPTIONS ARE:

SEED TYPE	RATE	PER ACRE	PER ACRE (SHOULDER)
FERTILIZER (16-20-0)		50.0 LBS.	50.0 LBS.
BLUE GRAMA GRASS SEED (LOVINGTON)		1.0 LB.	1.0 LBS.
BUFFALOGRASS SEED (TREATED)		24.5 LBS.	8.8 LBS.
LITTLE BLUESTEM GRASS SEED (AIDOUS)			2.0 LBS.
SAND DROPS EED GRASS SEED		1.0 LB.	1.0 LB.
SIDE OATS GRAMA GRASS SEED (EL RENO)		6.3 LBS.	6.3 LBS.
STERILE WHEATGRASS (REGREENQUICK GUARD)		10 LBS.	10 LBS.
WESTERN WHEATGRASS SEED (BARTON)		6 LBS.	6 LBS.
NATIVE WILDFLOWER MIX 4			6.32 LBS.

REVISIONS



STORE #: 21355

HOOVER STREET AND  
WEST YORK STREET,  
WICHITA, KANSAS

**DOLLAR GENERAL**

70'-0" X 130'-0" 7,500 SF PROTOTYPE "B"

DATE

04-01-2020

DRAWING TITLE

G&E DETAILS

DRAWN BY - CHECKED BY

SHEET NO.

**C3**

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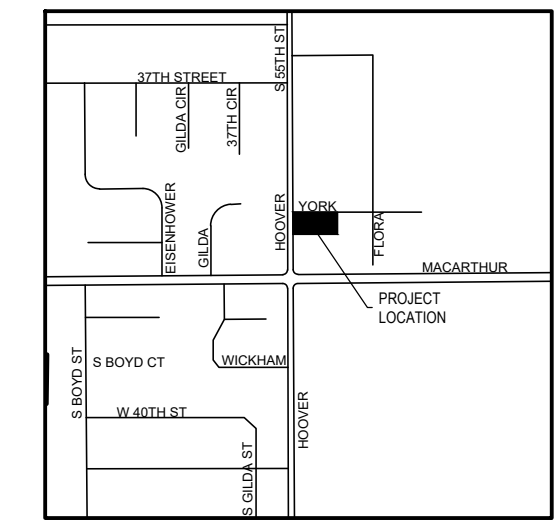
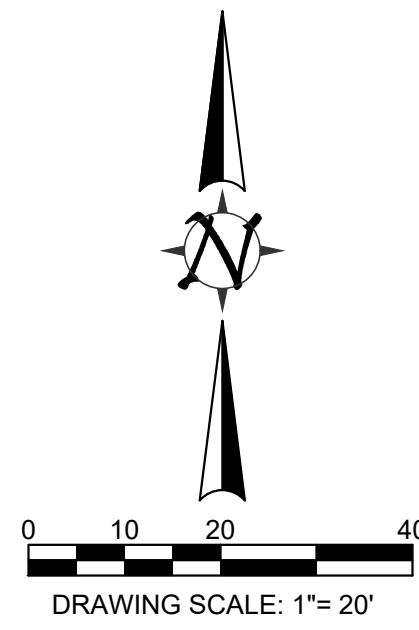
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811 or  
1-800-DIG-SAFE  
(1-800-344-7233)

AAB Engineering, LLC  
  
 Engineering • Surveying • Land Planning  
 PO Box 2136 Sand Springs, OK 74063  
 OK CA#6318 Exp: June 30, 2020  
 KS CA#2232 Exp: Dec: 31, 2020  
 Office: (918) 514-4283 Fax: (918) 514-4288





VICINITY MAP  
SCALE: N.T.S.

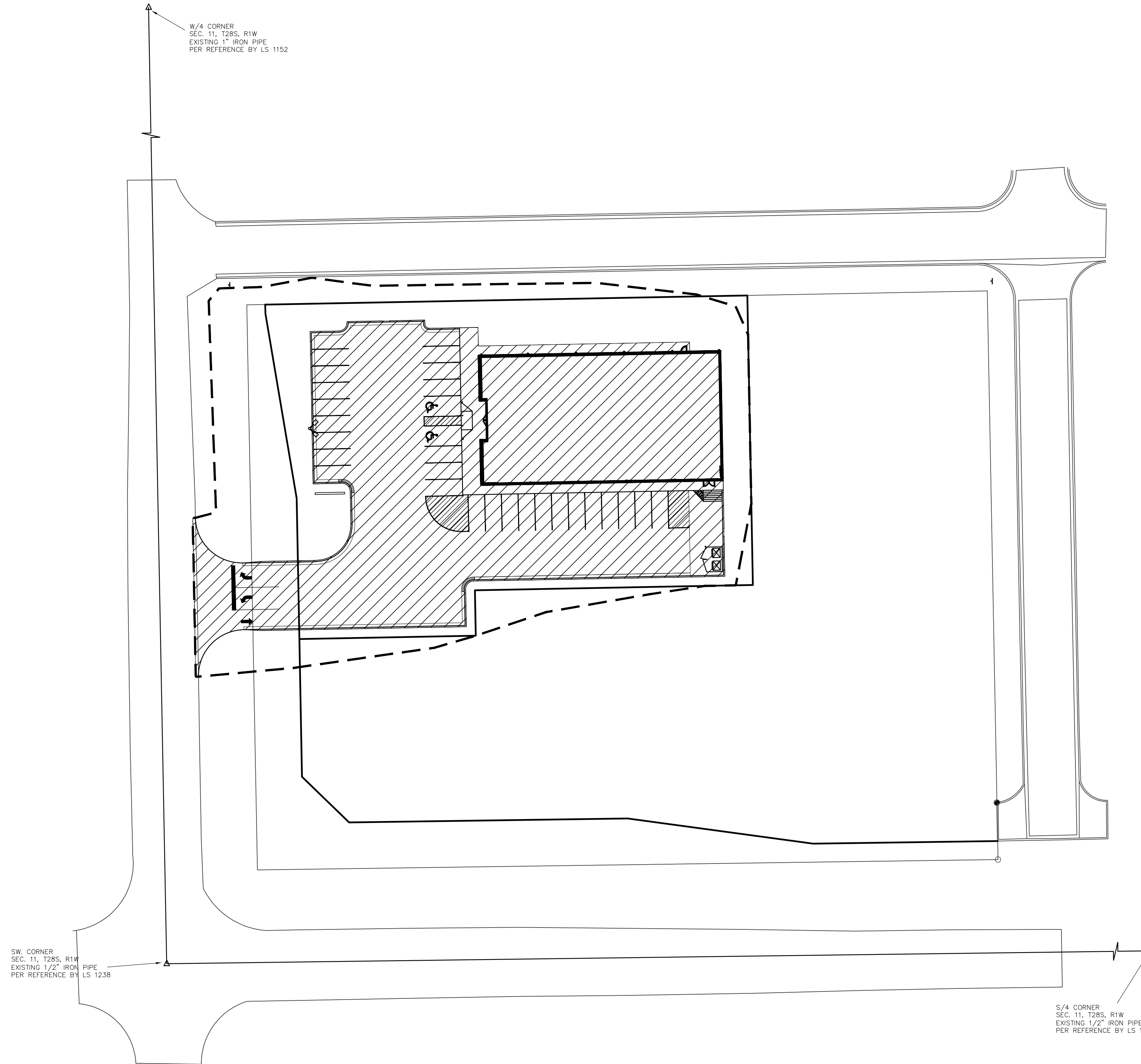
**LEGAL DESCRIPTION**

PARCEL A, BLOCK A OF SKYLINE HEIGHTS, AN ADDITION IN SEDGWICK COUNTY, WICHITA KANSAS

**SHEET LEGEND**

- - - PROJECT LIMITS
- IMPERVIOUS AREA

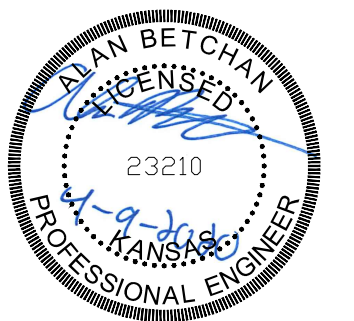
SITE INFORMATION	AREA	PERCENTAGE
OWNERSHIP:	41,560 S.F. (0.95 AC)	100%
PROJECT LIMITS:	54,559 S.F. (1.25 AC)	132% OF PARCEL A, BLOCK A
IMPERVIOUS AREA:	33,116 S.F. (0.76 AC)	61% OF PROJECT LIMITS
PERVIOUS AREA:	21,443 S.F. (0.49 AC)	39% OF PROJECT LIMITS



**BENCHMARK**  
COW BENCHMARK AT NORTHEAST CORNER INTERSECTION OF RIDGE ROAD AND 35TH STREET S. ELEV= 1309.65 (NAVD 1988)  
SET SQUARE CUT IN BACK OF CURB ON WEST SIDE OF THE END OF FLORA AVE. ELEV=1303.83 (NAVD 1988)

AAB Engineering, LLC  
  
 Engineering • Surveying • Land Planning  
 PO Box 2136 Sand Springs, OK 74063  
 OK CA#6318 Exp: June 30, 2020  
 KS CA#2232 Exp: Dec. 31, 2020  
 Office: (918) 514-4283 Fax: (918) 514-4288

REVISIONS

STORE #: 21355

HOOVER STREET AND  
WEST YORK STREET,  
WICHITA, KANSAS

**DOLLAR GENERAL**

70'-0" x 130'-0" 7,500 SF PROTOTYPE "B"

DATE: 04-01-2020  
DRAWING TITLE: ERU PLAN  
DRAWN BY - CHECKED BY:

SHEET NO:  
**C5**