

DUCKS UNLIMITED

SPECIFICATIONS

- 101 GENERAL CONDITIONS
- 102 SUPPLEMENTAL CONDITIONS
- 201 MOBILIZATION
- 202 SITE PREPARATION
- 203 EXCAVATION
- 204 EMBANKMENT CONSTRUCTION
- 301 WATER CONTROL STRUCTURES
- 302 STRUCTURE AND CULVERT APPURTENANCES
- 303 CULVERT AND PIPE INSTALLATION
- 305 RIPRAP, REVETMENT & AGGREGATE PLACEMENT
- 401 SOIL EROSION AND POLLUTION CONTROL
- 402 SEEDING & MULCHING

PLAN INDEX

- 1 LOCATION & VICINITY MAPS
- 2 OVERALL PLAN
- 3 EMBANKMENT PROFILE & DETAILS
- 4 WCS PLAN, SECTION, & DETAILS
- 5 SWPPP
- 6 SWPPP NOTES
- 7 USGS TOPOGRAPHIC MAP

ESTIMATED QUANTITIES

MOBILIZATION	1 L.S.
SITE PREPARATION	1 L.S.
EXCAVATION (INCIDENTAL TO EMBANKMENT CONSTRUCTION & FILL)	
EMBANKMENT	2,745 C.Y.-P**
FILL	72 C.Y.-P**
WATER CONTROL STRUCTURE (4' TALL WITH METAL LID)	1 L.S.
24" SDR 51 PVC PIPE	40 L.F.-A*
DU CLASS II RIP RAP	14 C.Y.-P**
SEEDING & MULCHING	1 L.S.

* PAYMENT WILL BE BASED ON ACTUAL QUANTITY USED OR INSTALLED.

** PAYMENT WILL BE BASED ON THE PLAN QUANTITY LISTED ABOVE.

NOTE: FILL QUANTITY INCLUDES A 20% SHRINKAGE FACTOR

DUCKS UNLIMITED

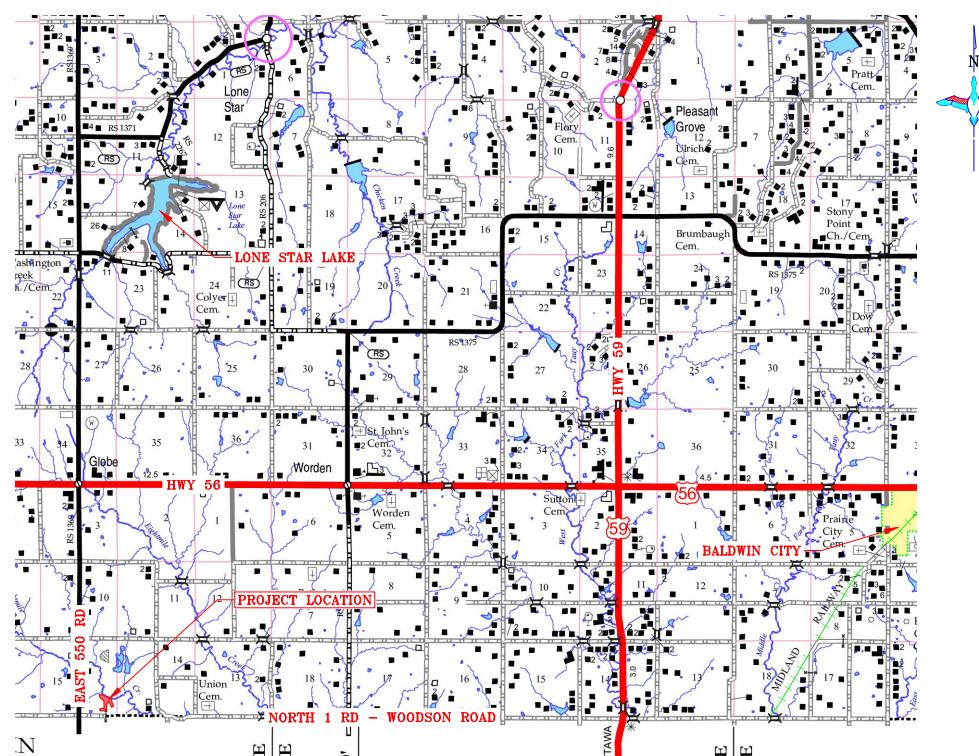
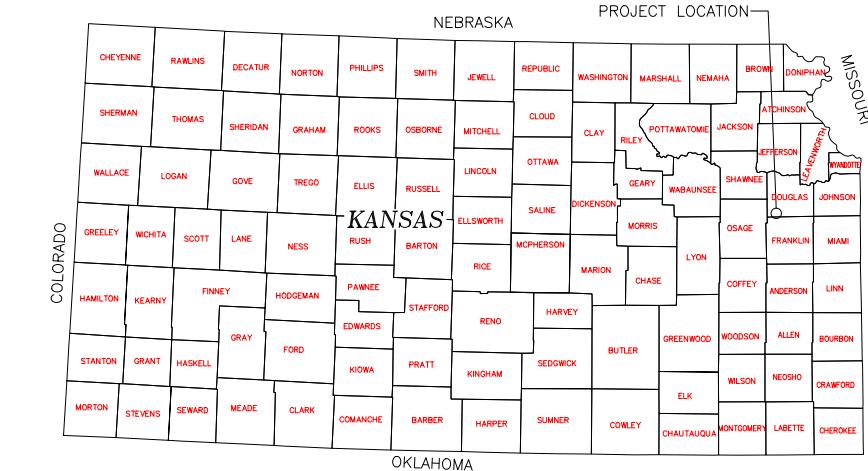
PROJECT

FORTIN WETLAND

LOCATED IN THE SE $\frac{1}{4}$ OF SECTION 15
TOWNSHIP 15S, RANGE 18E, 6TH P.M.
DOUGLAS COUNTY, KANSAS

IN COOPERATION WITH

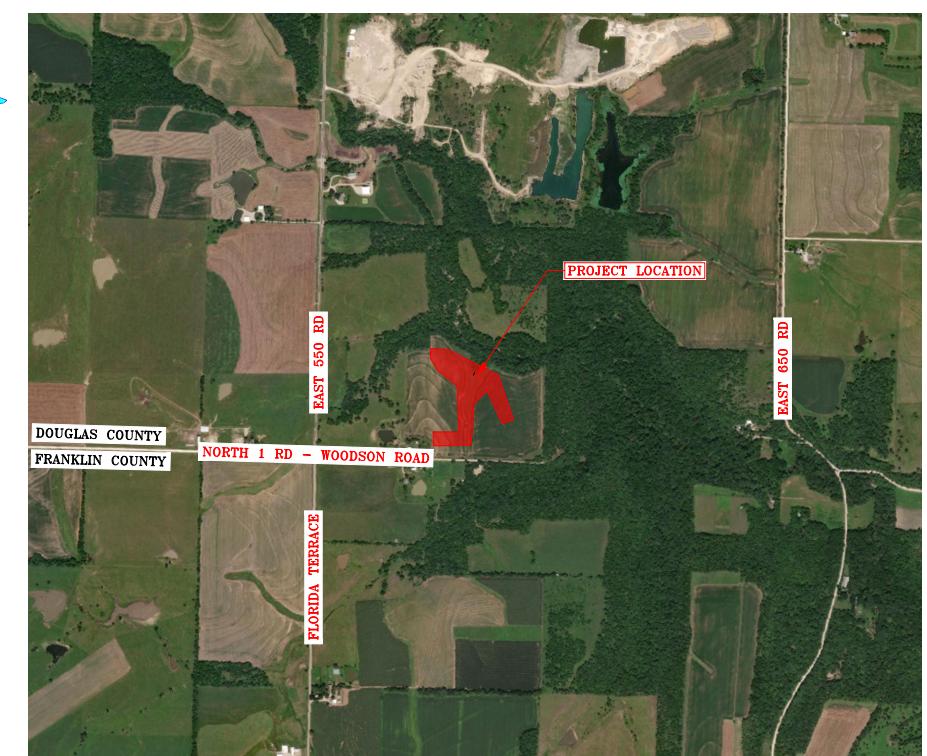
NAWCC



VICINITY MAP

NOT TO SCALE

ALL WRITTEN SCALES ARE ACCURATE ON 24x36 INCH SHEETS.
THE BELOW SCALE BAR CAN BE USED TO CHECK PLAN SET SCALE.



LOCATION MAP

NOT TO SCALE



UTILITIES NOTE: BEFORE THE START OF CONSTRUCTION, THE OWNER OF ANY UTILITIES INVOLVED MUST BE NOTIFIED. THE EXCAVATOR/CONTRACTOR IS RESPONSIBLE FOR GIVING THIS NOTICE BY CALLING "KANSAS ONE CALL" AT 811 OR 1-800-DIG-SAFE (1-800-344-7233) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.

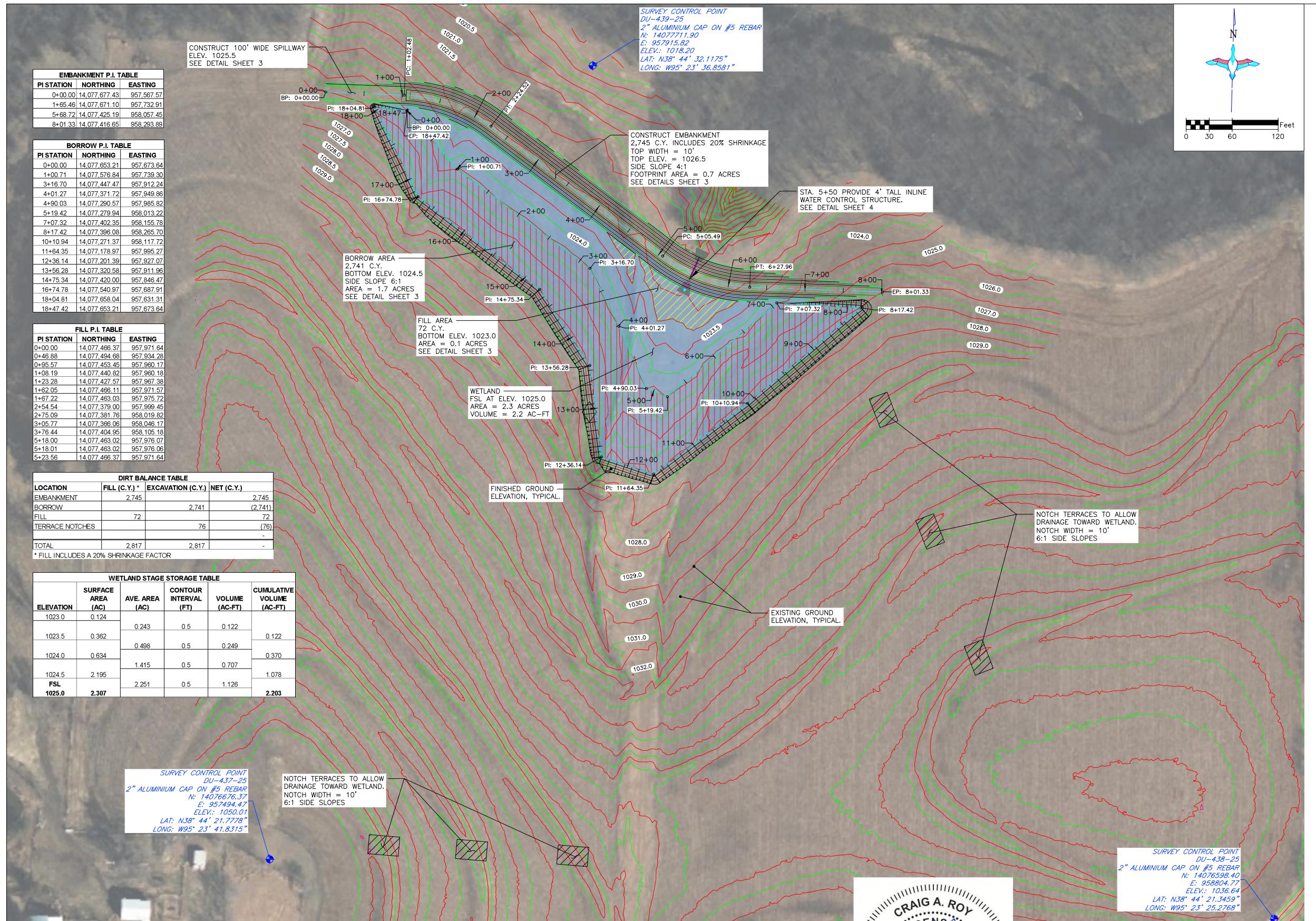
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DU REGIONAL ENGINEER:
CRAIG ROY, P.E.
LOUISBURG, KS 66053
(913) 991-2223

DU ENGINEER:
CORBEN MONZON
MANHATTAN, KS 66502
(785) 614-2999

PERMIT ISSUE

DUCKS UNLIMITED INC.	PROJECT NO. KS-132-101	DESIGNED BY: CCM
	FORTIN WETLAND	DRAWN BY: CCM
GREAT PLAINS REGIONAL OFFICE	LOCATION & VICINITY MAPS	SURVEYED BY: CCM
DATE: 1/2/2026	LOCATION & VICINITY MAPS	CHECKED BY: CAR
SHEET NO. 1 OF 7	APPROVED BY: CAR	APPROVED BY: CAR



GENERAL NOTES

1. ONE HALF FOOT CONTOUR INTERVAL SHOWN.
2. *ITALICIZED TEXT* DENOTES EXISTING FEATURE OR EXISTING ELEVATION.

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HORIZONTAL AND VERTICAL CONTROL OPUS SOLUTION- COORDINATES ARE UTM ZONE 14 GRID COORDINATES IN US FEET [NAVD83]. THEY WERE ESTABLISHED FROM THE WGS84 ELLIPSOID WITH INFORMATION FROM A TRIMBLE R12 SURVEY GRADE GPS RECEIVER ON DECEMBER 5, 2025 AT DUCKS UNLIMITED CONTROL POINT DU-437-25 AND CALIBRATED TO AN OPUS POSITION OCCUPIED FOR 2 HOURS AND 20 MINUTE(S) AND SENT TO NGS FOR SOLUTION. THE VERTICAL CONTROL CAME FROM THE SAME SOLUTION USING GEOD 18 CONUS IN THE NAVD88. THE FULL OPUS SOLUTION REPORT IS ON FILE AT THE DUCKS UNLIMITED ENGINEERING DEPARTMENT IN GRAND ISLAND, NEBRASKA.

VERBAL PLAN VIEW

SCALE 1" = 60

A circular stamp with a double concentric dotted line border. The outer ring contains the text "CRAIG A. ROY" at the top and "KANSAS PROFESSIONAL ENGINEER" at the bottom. The inner circle contains the word "LICENSED" at the top, a handwritten signature in the center, and the license number "14946" below it. At the bottom of the inner circle is the date "01/02/2026".

PERMIT ISSUE

ROW AREA NOTE:
TABLE MATERIAL FOR ALL EMBANKMENTS OR FILLS SHALL BE
AINED FROM THE DESIGNATED BORROW AREA SHOWN ON
S SHEET AS APPROVED BY THE DU FIELD ENGINEER. CARE
LL BE TAKEN NOT TO OPEN UP ANY SAND LENSES THAT
INCREASE SEEPAGE FROM ANY EXCAVATION AREAS. FINISHED
PES SHALL BE 6:1 OR FLATTER AND 4" OF TOPSOIL SHALL
RESPREAD OVER THE SLOPES. THE COST OF TOPSOIL WORK
THE BORROW AREAS SHALL BE CONSIDERED INCIDENTAL TO
E PREPARATION."

DING. AND MULCHING NOTE:
SEEDING AND MULCHING SHALL BE REQUIRED ON EMBANKMENT.
PROVIDE ADEQUATE SEED BED TO ALLOW SEEDING WITH
STANDARD SEEDING EQUIPMENT. THIS WILL INCLUDE USE OF A
HARROW OR OTHER MEANS IN ORDER TO LEAVE A SMOOTH,
TRACK-FREE FINISH. BACK DRAGGING WITH A DOZER IS NOT
AN ACCEPTABLE FINISH.
BEFORE LAST SPRING FROST OR APRIL 15TH (WHICHEVER IS
EARLIER), AREA WILL BE SEDED WITH A MIXTURE OF CUSTOM
NATIVE GRASS MIX (SEE TABLE BELOW).
MULCHING SHALL REQUIRE ANCHORING OF SOME TYPE SUCH
AS TACKING, MATTING, HAND PUNCHING, ROLLER PUNCHING,
CRIMPER PUNCHING, OR HYDRO-SEEDING TO PREVENT BLOWING
OR WASHING AWAY.
MULCHING APPLICATION RATE SHALL BE TWO TONS PER ACRE
OR ONE 74 POUND BALE PER 800 SQUARE FEET.

option	Pure Live Seed (PLS) per Acre
grass, Cheyenne	0.60 lbs
grass, Kan Low	0.90 lbs
grass, Cave In Rock	0.90 lbs
bluestem, Aldous	0.80 lbs
 Gamagrass, Variety Not Stated	2.10 lbs
 Wildrye, Mandan	1.50 lbs
 Wildrye, Variety Not Stated	1.50 lbs
 bluestem, Kaw	1.20 lbs
 9.50 lbs	

INSTRUCTION NOTES:
IF ANY CULTURAL OR ARCHEOLOGICAL REMAINS OR ARTIFACTS
ARE DISCOVERED, IMMEDIATELY NOTIFY THE ENGINEER AND
AVOID CONSTRUCTION ACTIVITIES THAT MAY AFFECT THE
REMAINS AND ARTIFACTS.
REMOVE ALL TOPSOIL FROM EMBANKMENT AND BORROW AREAS
AND RESPREAD TOPSOIL OVER THE AREAS WHEN COMPLETE.
ALL FILL MATERIALS SHALL BE PLACED IN LOOSE LIFTS OF NOT
MORE THAN 8 INCHES THICKNESS AND SHALL BE COMPAKTED
TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED
BY THE STANDARD PROCTOR METHOD ASTM D698. MOISTURE
CONTENT SHALL BE IN THE RANGE OF -1% TO +3% OF
OPTIMUM MOISTURE CONTENT. DRYING OR WETTING OF THE
SOILS TO OBTAIN PROPER MOISTURE CONTENT SHALL BE
INCIDENTAL TO THE WORK.
WORK REQUIRED TO Dewater THE SITE IS INCIDENTAL TO "SITE
PREPARATION".

ABBREVIATIONS LIST

C = BUILDING CORNER
 X = BREAK
 I = BOTTOM
 L = CENTER LINE
 P = CORRUGATED METAL PIPE ROUND
 PA = CORRUGATED METAL PIPE ARCH
 N = CONCRETE
 D = DIAMETER
 E = EASTING COORDINATE OR EAST
 V = ELEVATION
 B = EMBANKMENT
 V = EDGE OF PAVEMENT
 X = EXISTING
 ST = EXISTING
 F = FLARED END SECTION
 FENCE
 G = GAUGE
 G = GUY WIRE
 I = INVERT
 L = LATITUDE (WGS84)
 G = LONGITUDE (WGS84)
 L = LINEAR FEET
 C = MISCELLANEOUS
 N = NORTHING COORDINATE OR NORTH
 S = NON-FLARED END SECTION
 O = ON CENTER
 OC = ON CENTER EACH WAY
 E = OVERHEAD ELECTRIC
 P = POINT OF INTERSECTION
 I = POINT OF INTERSECTION
 T = POINT OF TANGENCY
 P = REINFORCED CONCRETE PIPE
 R = ROAD
 R = REMOVE
 D = REQUIRED
 W = RIGHT OF WAY
 S = SOUTH
 S = SEDIMENT
 D = SHOULDER
 S = SLOPE
 LG = STOPLOG
 T = TEMPORARY BENCHMARK
 T = TELEPHONE/COMMUNICATIONS
 U = UNDERGROUND
 V = VEGETATION
 W = WEST OR WITH
 S = WATER CONTROL STRUCTURE
 L = WATER LEVEL
 S = WATER SHOT

NOTE: NOT ALL ABBREVIATIONS IN THIS
APPEAR ON THIS SHEET



KS-132-101

RS 152 101

BRUNN WERKSB

OVERALL PLAN

KS-132-101

RS 152 101

BRUNN WERKSB

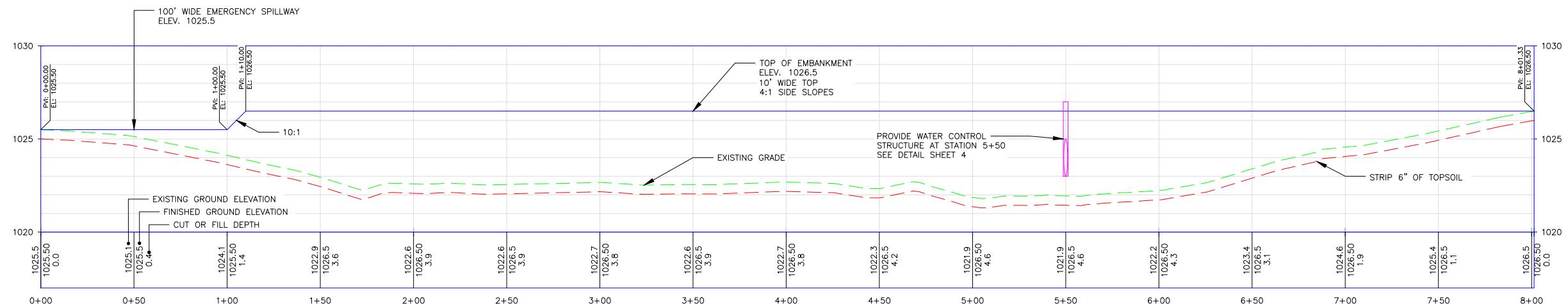
OVERALL PLAN

KS-132-101

RS 152 101

BRUNN WERKSB

OVERALL PLAN

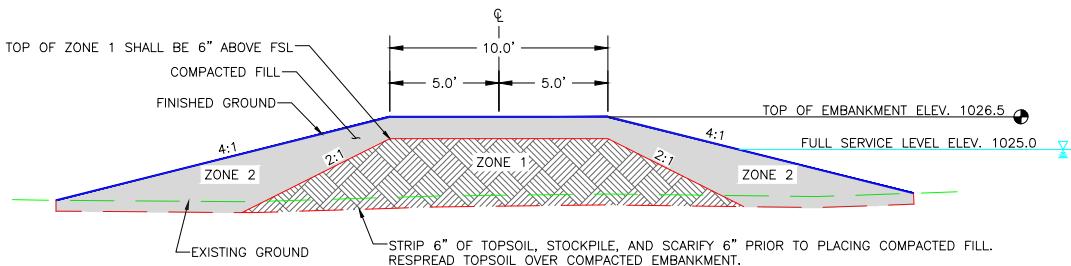


EMBANKMENT PROFILE

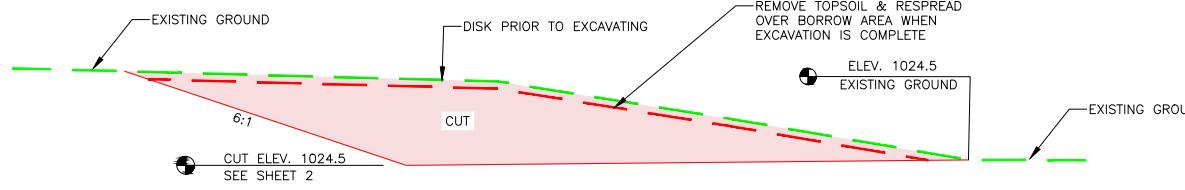
HORIZONTAL SCALE 1" = 30'
VERTICAL SCALE 1" = 3'

CONSTRUCTION NOTES:

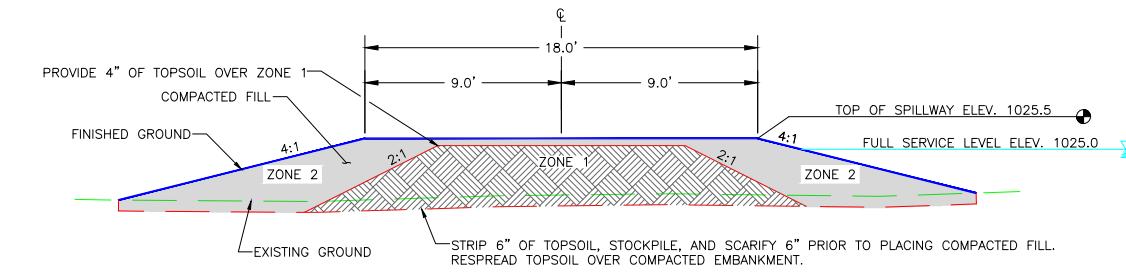
1. EMBANKMENT CONSTRUCTION SHALL BE FROM COMPAKTED EARTHEN MATERIAL MOSTLY FREE OF VEGETATIVE MATTER AND SHALL COMPLY WITH SPECIFICATION SECTION 204 "EMBANKMENT CONSTRUCTION".
2. MATERIAL FOR EMBANKMENT CONSTRUCTION SHALL BE OBTAINED FROM THE BORROW AREA. ANY ADDITIONAL MATERIAL REQUIRED SHALL BE OBTAINED FROM AN AREA DESIGNATED BY A DUCKS UNLIMITED REPRESENTATIVE.
3. EMBANKMENT CONSTRUCTION FOR ZONE 1 SHALL UTILIZE CLAYEY FILL. OTHER MATERIALS SHALL BE USED IN ZONE 2.
4. STRIP AND STOCKPILE 6" TOPSOIL FROM THE EMBANKMENT FOOTPRINT, RESPREAD TOPSOIL OVER FINISHED EMBANKMENT. COST OF TOPSOIL WORK SHALL BE CONSIDERED INCIDENTAL TO "SITE PREPARATION".
5. EMBANKMENT FILL TO BE PLACED IN LIFTS OF NO MORE THAN 8" AND COMPAKTED PRIOR TO PLACING SUBSEQUENT LIFTS.



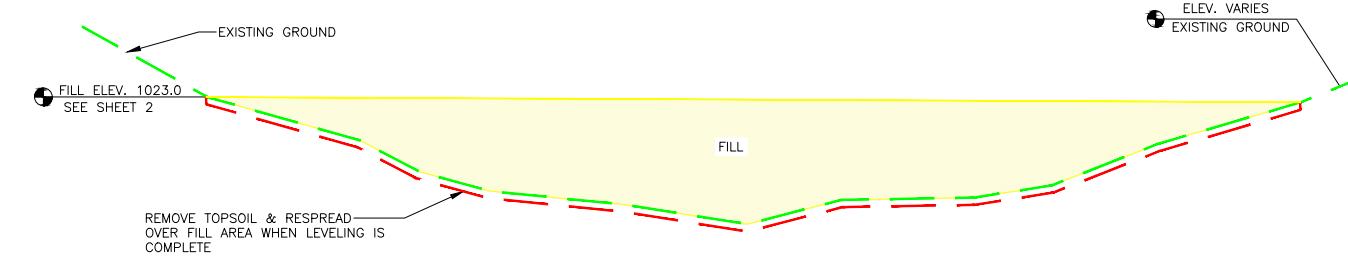
TYPICAL EMBANKMENT SECTION
SCALE 1" = 4'



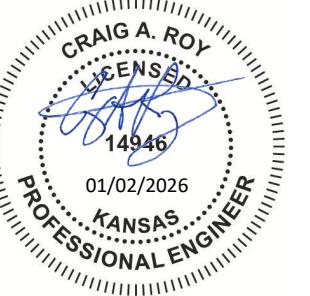
TYPICAL BORROW AREA SECTION
NTS



TYPICAL SPILLWAY SECTION
SCALE 1" = 4'



TYPICAL FILL AREA SECTION
NTS



ABBREVIATIONS LIST

BLDC	BUILDING CORNER
BRK	BREAK
BTM	BOTTOM
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE ROUND
CMWA	CORRUGATED METAL PIPE ARCH
CONC	CONCRETE
DIA	DIAmeter
E	EASTING COORDINATE OR EAST
ELEV	ELEVATION
EMB	EMBANKMENT
EPAV	EDGE OF PAVEMENT
EX	EXISTING
EXIST	EXISTING
FES	FLARED END SECTION
FX	FENCE
GA	GAUGE
GW	GUY WIRE
INV	INVERT
LAT	LATITUDE (WGS84)
LONG	LONGITUDE (WGS84)
LF	LINEAR FEET
MISC	MISCELLANEOUS
N	NORTHING COORDINATE OR NORTH
NFES	NON-FLARED END SECTION
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OHE	OVERHEAD ELECTRIC
PC	POINT OF INTERSECTION
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REM	REMOVE
REQ'D	REQUIRED
ROW	RIGHT OF WAY
S	SOUTH
SED	SEDIMENT
SHLD	SHOULDER
SLP	SLOPE
STPLG	STOPLOG
TBM	TEMPORARY BENCHMARK
TEL	TELEPHONE/COMMUNICATIONS
UG	UNDERGROUND
VEG	VEGETATION
W	WEST OR WITH
WCS	WATER CONTROL STRUCTURE
WL	WATER LEVEL
WS	WATER SHOT

*NOTE: NOT ALL ABBREVIATIONS IN THIS LIST APPEAR ON THIS SHEET

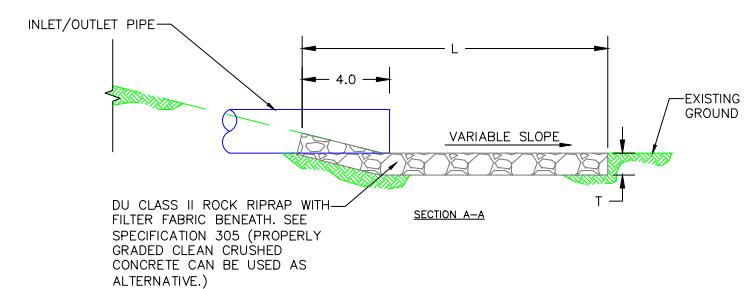
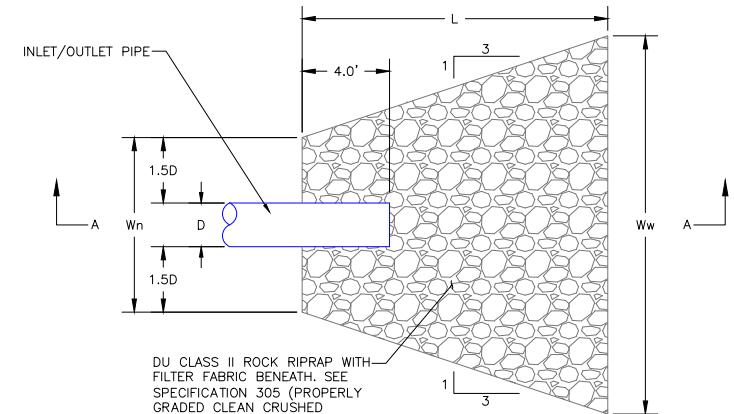
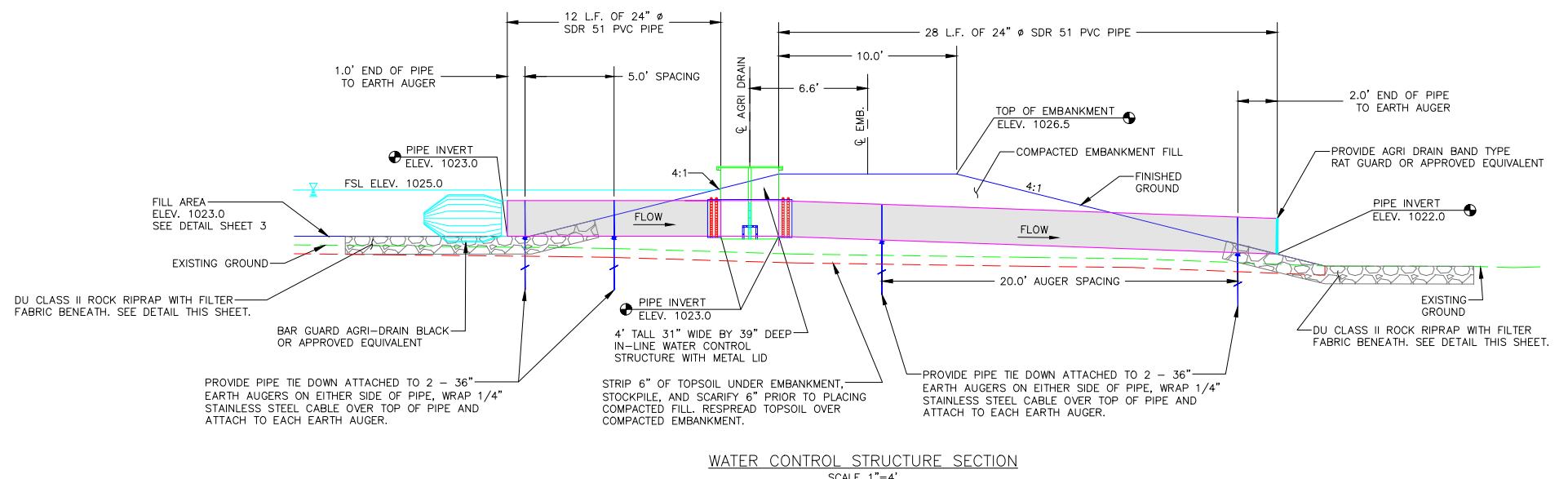
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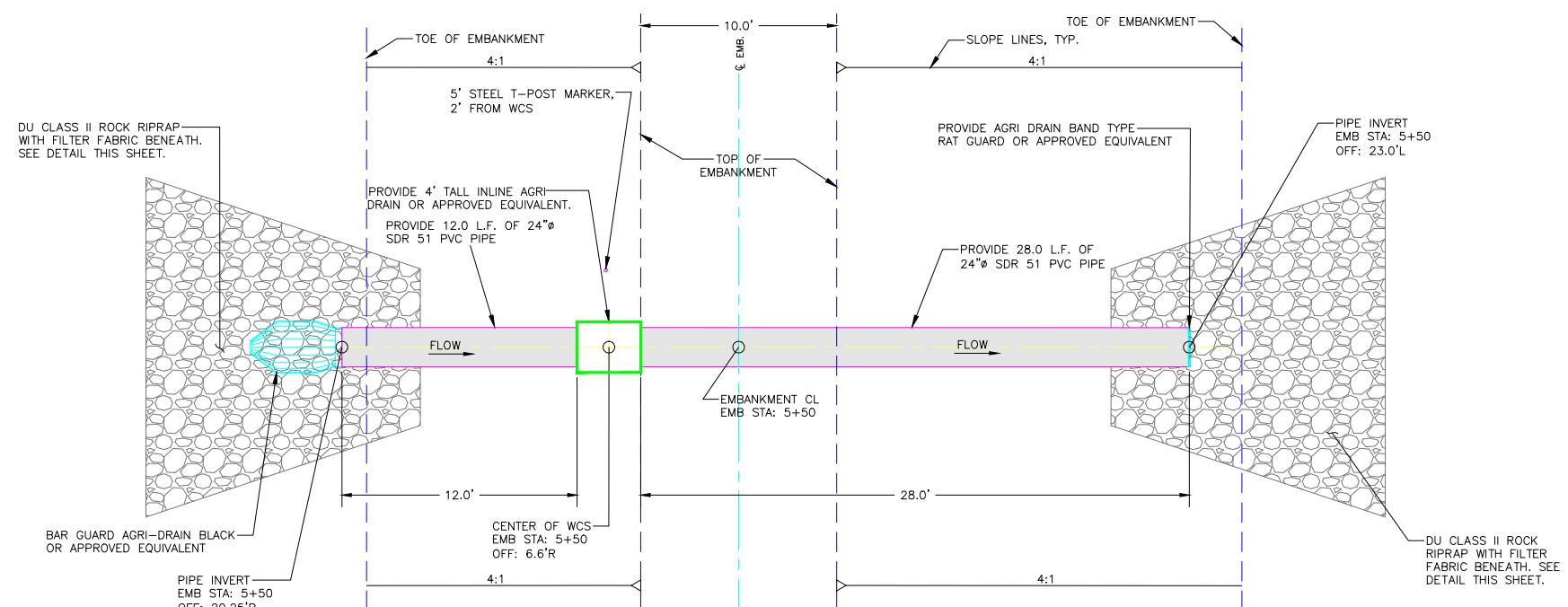
STRUCTURE INSTALLATION NOTES:

1. STRUCTURE, INLET AND OUTLET PIPE SHALL BE PLACED ON A LEVEL SURFACE OF COMPAKED SOIL.
2. LEVEL STRUCTURE VERTICALLY PRIOR TO PLACING BACKFILL. BACKFILL AROUND STRUCTURE BY HAND IN 6" LIFTS. HAND TAMP ONLY.
3. COST OF STRUCTURE INSTALLATION SHALL BE PAID AS BID ITEM "WATER CONTROL STRUCTURE (4' TALL)".
4. PROVIDE AGRI DRAIN BAR AND BAND TYPE RAT GUARDS. THESE SHALL BE CONSIDERED INCIDENTAL TO "WATER CONTROL STRUCTURE (4' TALL)" BID ITEM.
5. AGRI DRAIN PVC STOP LOGS SHALL BE WATERTIGHT AND PROVIDED BY SUPPLIER.
6. AGRI DRAIN CORP. TELEPHONE NUMBER IS 1-800-232-4742 SPECIFY SIZE AND TYPE OF PIPE WHEN ORDERING. ORDER 4" BASE EXTENSION TO HELP PREVENT FLOATATION.
7. BENTONITE CLAY SHALL BE MIXED WITH BACKFILL MATERIAL AROUND WCS AND PIPE TO PROVIDE A WATER TIGHT SEAL. TEN - FIFTY POUND BAGS ARE REQUIRED. COST FOR BENTONITE CLAY AND INSTALLATION SHALL BE INCIDENTAL TO "WATER CONTROL STRUCTURE (4' TALL)".
8. PROVIDE AND SET ONE - 5 FOOT LONG STEEL FENCE T-POSTS TO SERVE AS MARKERS. DRIVE INTO GROUND TO TOP OF POST FLAT PLATE. COST FOR POSTS SHALL BE INCIDENTAL TO "WATER CONTROL STRUCTURE (4' TALL)".

INLET & OUTLET RIPRAP TABLE				
PIPE SIZE (D) INCHES	APRON WIDTH NARROW SIDE (Wn) FEET	APRON WIDTH WIDE SIDE (Ww) FEET	APRON LENGTH (L) FEET	THICKNESS (T) FEET
24	8.0	17.3	14.0	1.0
				7.0

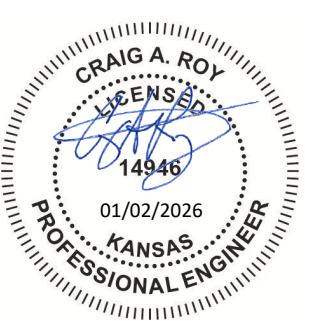


INLET/OUTLET RIPRAP DETAIL
SCALE 1"=4'



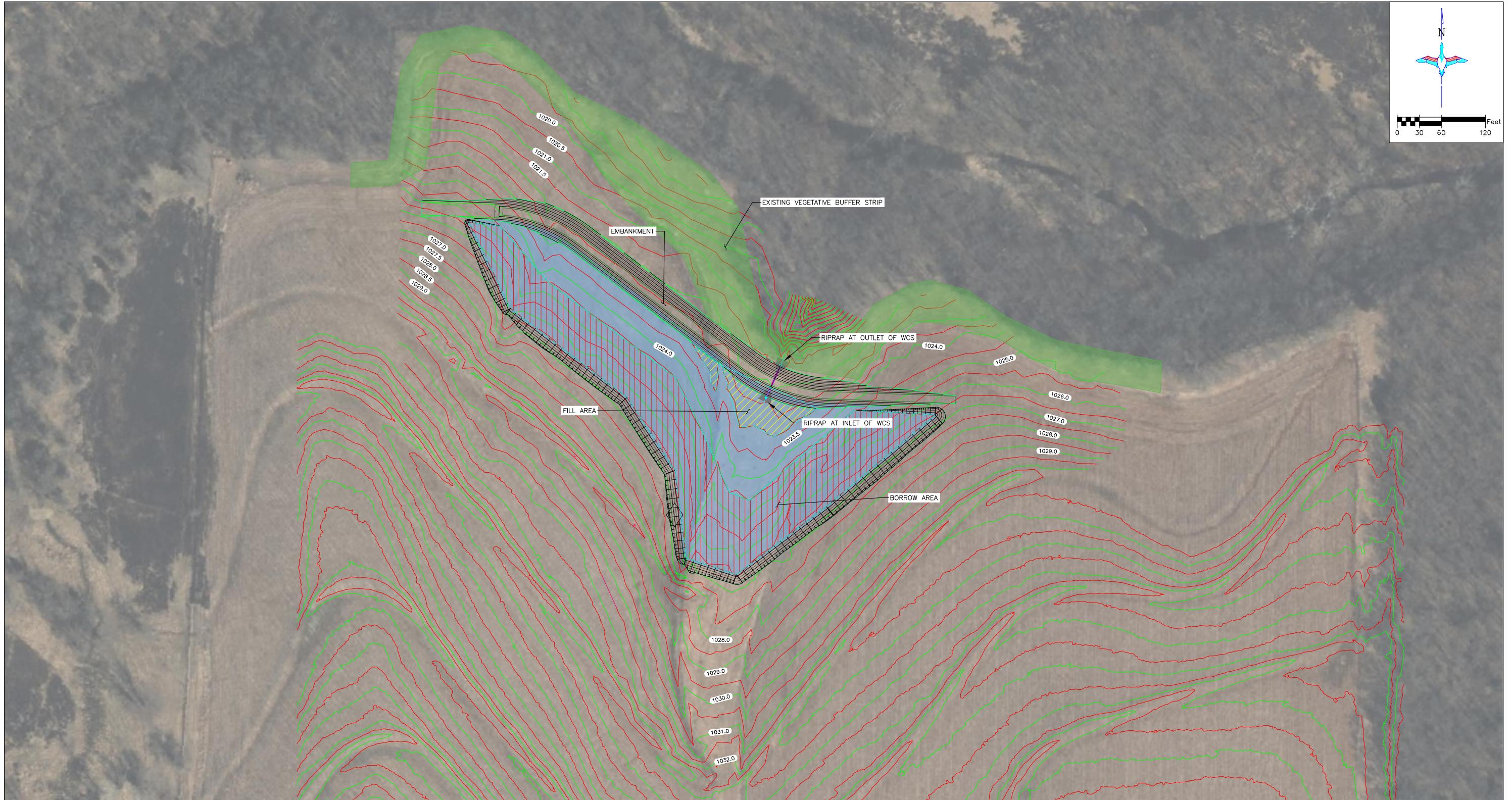
ABBREVIATIONS LIST	
BLDC	BUILDING CORNER
BRK	BREAK
BTM	BOTTOM
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE ROUND
CMPA	CORRUGATED METAL PIPE ARCH
CONC	CONCRETE
DIA	DIAMETER
E	EASTING COORDINATE OR EAST
ELEV	ELEVATION
EMB	EMBANKMENT
EPAV	EDGE OF PAVEMENT
EX	EXISTING
EXIST	EXISTING
FX	FLARED END SECTION
GA	GAUGE
GW	GUY WIRE
INV	INVERT
LAT	LATITUDE (WGS84)
LONG	LONGITUDE (WGS84)
LF	LINEAR FEET
MISC	MISCELLANEOUS
N	NORTHING COORDINATE OR NORTH
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OCEW	ON CENTER EACH WAY
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PC	POINT OF INTERSECTION
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PT	POINT OF TANGENCY
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REM	REMOVE
REQ'D	REQUIRED
ROW	RIGHT OF WAY
S	SOUTH
SED	SEDIMENT
SHLD	SHOULDER
SLP	SLOPE
STPLG	STOPLOG
TBM	TEMPORARY BENCHMARK
UG	UNDERGROUND
VEG	VEGETATION
W	WEST OR WITH
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WL	WATER LEVEL
WS	WATER SHOT

*NOTE: NOT ALL ABBREVIATIONS IN THIS LIST APPEAR ON THIS SHEET



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PERMIT ISSUE



SWPPP PLAN
SCALE 1" = 60'

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CONSTRUCTION NOTES:

1. SEEDING AND MULCHING SHALL BE REQUIRED ON EMBANKMENT.
2. BEFORE LAST SPRING FROST OR APRIL 15TH (WHICHEVER IS EARLIER), AREA WILL BE SEADED WITH A MIXTURE OF CUSTOM NATIVE GRASS MIX (SEE TABLE BELOW).
3. MULCHING SHALL REQUIRE ANCHORING OF SOME TYPE SUCH AS TACKING, MATTING, HAND PUNCHING, ROLLER PUNCHING, CRIMPER PUNCHING, OR HYDRO-SEEDING TO PREVENT BLOWING OR WASHING AWAY.
4. MULCHING APPLICATION RATE SHALL BE TWO TONS PER ACRE OR ONE 74 POUND BALE PER 800 SQUARE FEET.

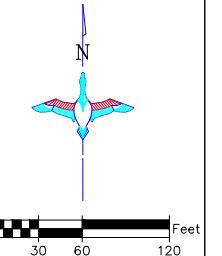
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Description	Pure Live Seed (PLS) per Acre
Indiangrass, Cheyenne	0.60 lbs
Switchgrass, Kan Low	0.90 lbs
Switchgrass, Cave in Rock	0.90 lbs
Little Bluestem, Aldous	0.80 lbs
Eastern Gamagrass, Variety Not Stated	2.10 lbs
Canada Wildrye, Mandan	1.50 lbs
Virginia Wildrye, Variety Not Stated	1.50 lbs
Big Bluestem, Kaw	1.20 lbs
Total	9.50 lbs



PERMIT ISSUE

 GREAT PLAINS REGIONAL OFFICE DATE: 1/2/2026	PROJECT NO. KS-132-101	DESIGNED BY: CCM
		DRAWN BY: CCM
FORTIN WETLAND INC. SWPPP DATE: 1/2/2026	SURVEYED BY: CCM	APPROVED BY: CAR
		CHECKED BY: CAR
		APPROVED BY: CAR



STORM WATER POLLUTION PREVENTION PLAN

The Kansas General Permit Authorization to Discharge Stormwater Associated with Construction Activity shall apply for this project.

ABBREVIATIONS

KDHE: Kansas Department of Health and Environment
KDEM: Kansas Division of Emergency Management
USFWS: United States Fish and Wildlife Service

NARRATIVE

Project Limits: See Sheets 2-5 of this plan for the project limits and details. These sheets cover embankment construction, regrading, water control structure, and associated piping.

SITE DESCRIPTION

Project Description: The purpose of the project is to create a shallow water impoundment and installation of an associated water control structure.

Site Map(s): See map on cover sheet of plans.

Major Soil Disturbing Activities (check all that apply):

- Clearing & Grubbing
- Grading & Shaping
- Cutting & Filling
- Other (describe):

Total Project Area: 10.5 Acres

Total Area to Be Disturbed: 3.2 Acres

Existing Impervious Area: 0.0 Acres

Proposed Impervious Area: 0.0 Acres

Name of Receiving Water Body/Bodies: West Fork Eightmile Creek

Quantities Tabulation for All BMPs: See estimated quantities and construction notes in plans.

ORDER OF CONSTRUCTION ACTIVITIES

(Stabilization measures shall be completed as soon as possible, but in no case later than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased.)

- Install erosion and sediment control measures.
- Proceed with site grading and construction activities.
- Stabilize areas disturbed by construction activities with temporary erosion and sediment control measures.
- Complete final grading.
- Complete permanent erosion and sediment control measures.

LOCATION OF SWPPP REQUIREMENTS IN PROJECT PLAN

See the SWPPP details on Sheet 5 and notes on this plan sheet.

EROSION AND SEDIMENT CONTROLS

(Check all that apply)

Stabilization Practices (See Erosion and Sediment Control Details in Plan Sheets)

- Temporary or Permanent Seeding
- Sod Placement
- Planting
- Mulching (Straw or Cellulose Fiber)
- Erosion Control Blankets or Mats
- Vegetation Buffer Strips
- Roughened Surface (e.g. tracking)
- Gabions-Gabion Mattress
- Other: Riprap

Structural Temporary Erosion and Sediment Controls

- Silt Fence
- Temporary Berm
- Temporary Slope Drain
- Straw Wattles or Rolls
- Diversion Channels/Swales
- Channel Liners (TRM)
- Stone Rip Rap Sheet
- Rock Check Dams
- Sediment Traps/Basins
- Inlet Protection
- Outlet Protection
- Surface Inlet Protection
- Curb Inlet Protection
- Stabilized Construction Entrances
- Other

STORM WATER MANAGEMENT

Storm water management will be handled by temporary controls outlined in "EROSION AND SEDIMENT CONTROLS" above, and any permanent controls needed to meet permanent storm water management needs in the post construction period.

Pollution Prevention Management Measures:

- Solid Wastes: Collected sediment, asphalt, and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with the KDHE disposal requirements.
- Hazardous Materials: Oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with KDHE regulations.
- Vehicle Washing: External washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.
- Concrete Washout Onsite: All liquid and solid wastes generated by concrete washout operation must be contained in a leak-proof containment facility or impermeable liner. A compacted clay liner that does not allow washout liquids to enter ground water is considered an impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operation or areas. Liquid and solid wastes must be disposed of properly and in compliance with KDHE regulations. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

MAINTENANCE AND INSPECTION

Maintenance and Inspection Practices

- Inspections will be conducted at least one time per week and after a storm event of 0.50 inches or greater.
- All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report or as soon as field conditions allow access.
- Inspections of areas that are temporarily stabilized due to ice, frozen soil conditions, or consistent snow cover are to be performed at the same frequency as during normal conditions; however, such areas are exempt from performing observations of disturbed soils, sediment and erosion BMPs, drainage areas, and locations where stormwater can flow from the construction site.
- Disturbed project areas that are temporarily stabilized due to ice, frozen soil conditions or consistent snow cover extending across 70 percent or more of the area shall be noted on the inspection report. The thawing of these areas shall be noted during the first subsequent inspection when iced, frozen or snow covered conditions are no longer present.
- Where parts of the construction site have undergone final stabilization, but work remains on other parts of the site, inspections of the stabilized areas may be reduced to once per month.
- Silt fence will be inspected for depth of sediment and for tears in order to ensure the fabric is securely anchored. Sediment buildup will be removed from the silt fence when it reaches $\frac{1}{3}$ of the height of the silt fence. All silt fences must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches $\frac{1}{3}$ of the height of the fence.
- Sediment basins and traps will be checked. Sediment will be removed and cleaned when the capacity of the sediment basin reaches 20 percent or more. The basin will be maintained until less than 10 acres of area needing final stabilization within the drainage basin remains.
- Check dams will be inspected for stability. Sediment will be removed when the depth reaches $\frac{1}{2}$ the height of the dam.
- All seeded areas will be checked for bare spots, washouts, and vigorous growth free of significant weed infestations.
- Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of sediment being deposited by erosion.
- Construction site vehicle entrance and exit locations will be designated prior to mobilizing equipment. If a designated entrance and exit locating cannot be determined, the use of a wheel washing facility will be utilized. If applicable, wash waters will be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge. Off-site track out shall be cleaned up at the end of each work day. If contaminated soils are encountered, a wheel washing station with tanks for holding of the fresh water will be utilized.
- Disturbed areas will be checked for stabilization. Stabilization measures shall be initiated as soon as construction activity in that portion of the site has temporarily or permanently ceased.
- The normal wetted perimeter of any temporary or permanent drainage ditch or swale that drains water from any portion of the construction site, or diverts water around the site, must be stabilized within 200 linear feet from the property edge, or from the point of discharge into any surface water. Stabilization of the last 200 linear feet must be completed within 24 hours after connection to a surface water.
- Stabilization of the remaining portions of any temporary or permanent ditches or swales must be completed within 14 days after connecting to a surface water and construction in that portion of the ditch has temporarily or permanently ceased.
- Temporary or permanent ditches or swales that are being used as a sediment containment system (with properly designed rock ditch checks, bio rolls, silt dikes, etc.) do not need to be stabilized. These areas must be stabilized within 24 hours after no longer being used as a sediment containment system.
- Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.

CONSTRUCTION CHANGES

The SWPP plan shall be modified or amended as appropriate during the term of the construction activity until the site is stabilized. The contractor is responsible for the installation, operation, and maintenance of erosion controls and shall keep a current copy of the SWPP plan on the project site.

Modifications to the SWPP plan shall be made to better control the site erosion and sediment discharges based on field conditions or site phasing that was not considered during SWPP plan development. The permittee shall indicate the changes on the erosion and sediment control plan sheets, maintain a log showing dates of all SWP2 plan modifications, and the name and title of the person authorizing the modifications. Changes to the SWP2 plan that are not an amendment (See Section 7.3.2 of the Kansas Department of Health and Environment-Kansas Pollution Control) are considered modifications and do not need to be submitted to KDHE. Modification of site erosion and sediment controls based on field conditions or site phasing do not require preparation or approval by a professional; however, modifications that involve the relocation or reconfiguration of any sedimentation basin or corresponding outlet structure required under Section 7.2.7 of the Kansas Department of Health and Environment-Kansas Pollution Control shall be prepared under the supervision of a licensed or certified professional.

PROJECT CONTACTS

The Contractor is responsible for implementation of the SWP2 plan and installation, inspection and maintenance of the erosion prevention and sediment control BMP's before and during construction.

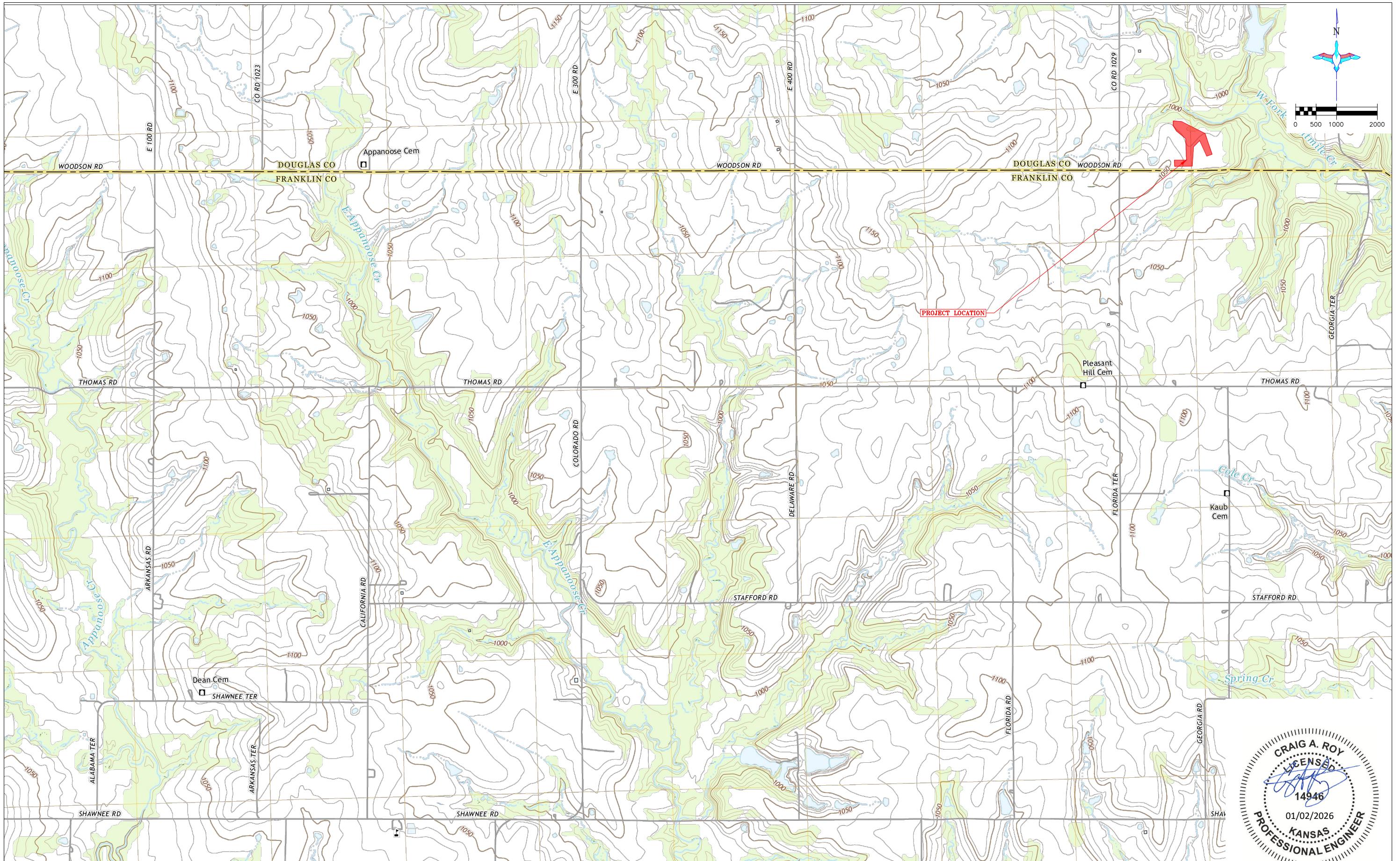
Contractor and KDHE contact information is provided in the contract documents and project plans.



 DUCKS UNLIMITED INC. <small>GREAT PLAINS REGIONAL OFFICE</small>	PROJECT NO. KS-132-101	DESIGNED BY: CCM
	FORTIN WETLAND	DRAWN BY: CCM
<small>DATE: 01/02/2026</small>	SHEET NO.	SURVEYED BY: CCM
	SWPPP NOTES	CHECKED BY: CAR
APPROVED BY:		APPROVED BY:
1/2/2026		6 OF 7

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USGS TOPOGRAPHIC MAP
SCALE 1" = 1000'

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