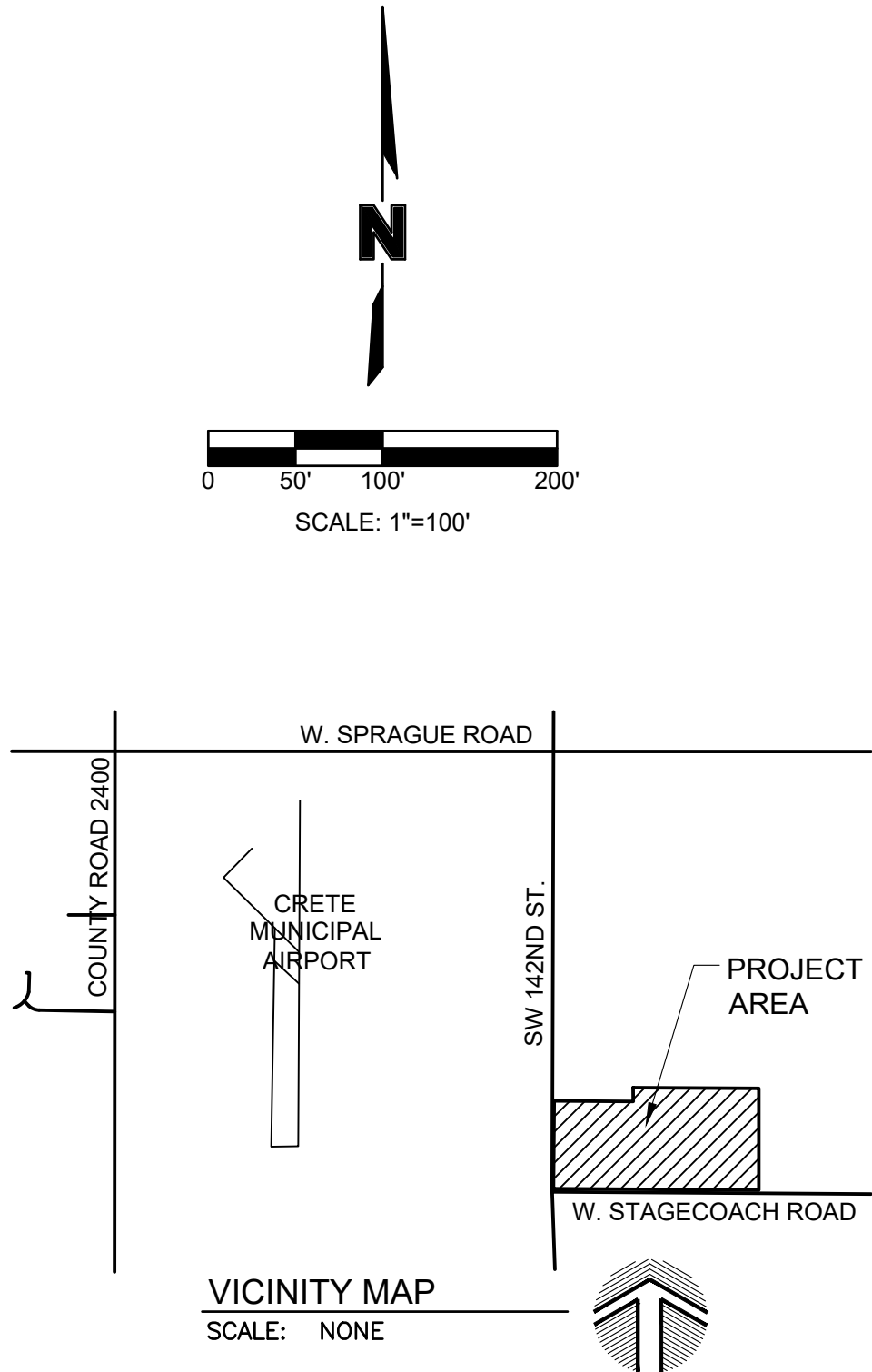
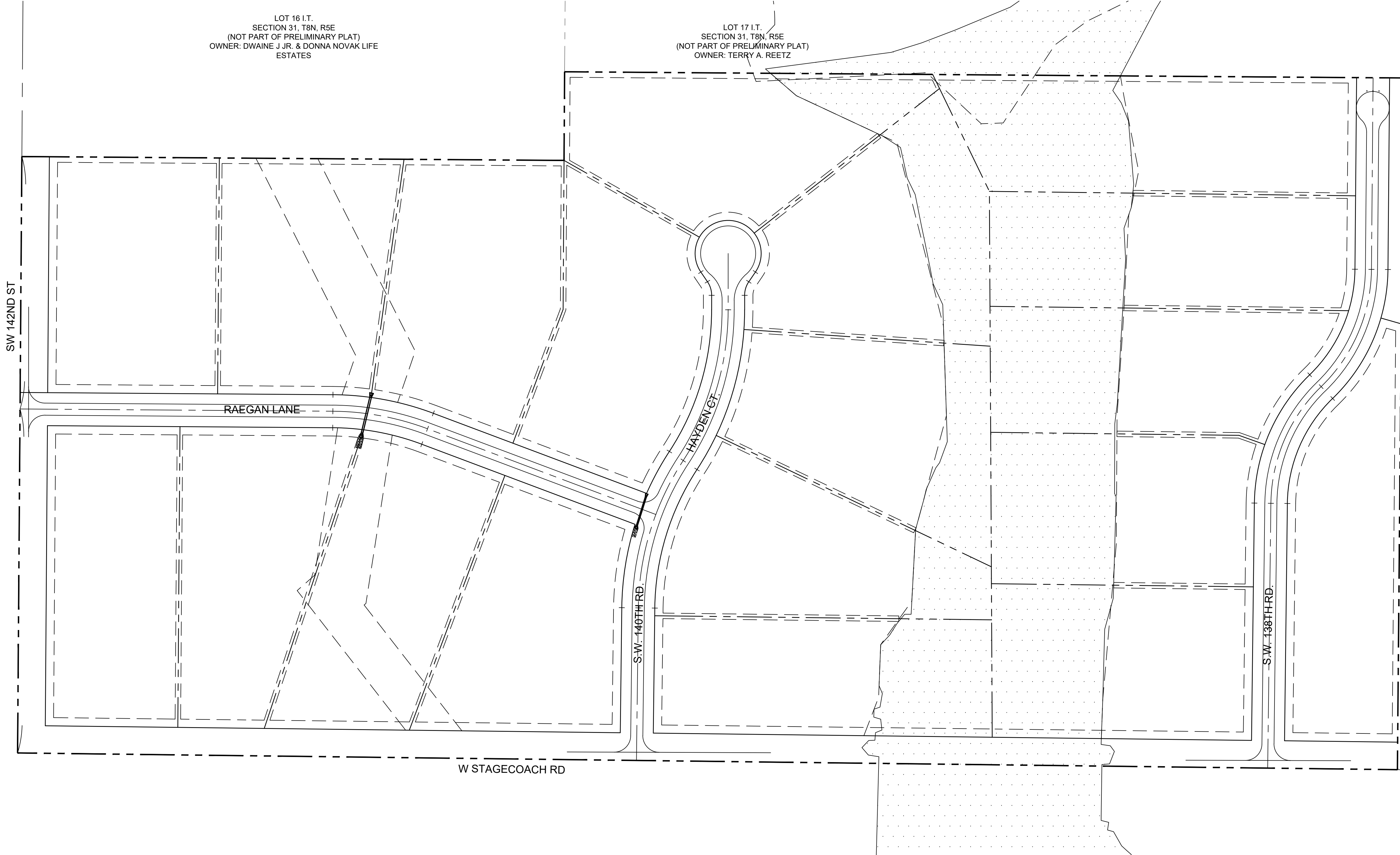


BUTTERFLY ACRES

CONSTRUCTION PLANS



W 1/2 OF THE SE QUARTER
SECTION 31, T8N, R5E
(NOT PART OF PRELIMINARY PLAT)
OWNER: ROBERT HEIRONYMUS &
LAURIE A. GOOD

ENGINEER & PREPARER
JUSTIN D. CROW
CIVIL DESIGN GROUP, INC.
8535 EXECUTIVE WOODS DRIVE, STE 200
LINCOLN, NE 68512
PH: (402) 434-8404
FAX: 866-215-8747

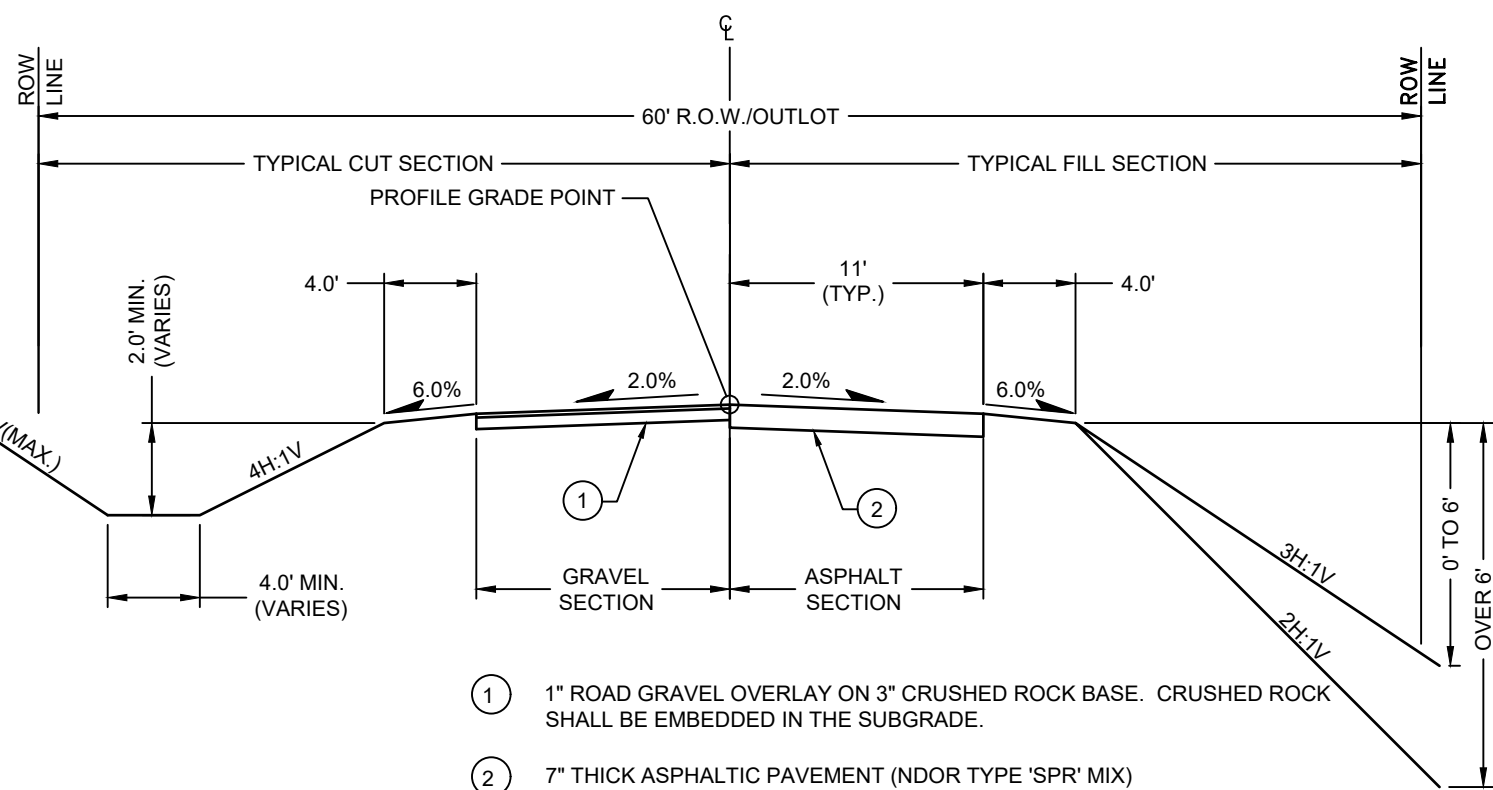
DEVELOPER:
DENTON STORAGE, LLC
2825 PORTER RIDGE ROAD
LINCOLN, NE 68516
(402) 440-0560

LEGEND

- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPERTY LINE
- LIMITS OF GRADING
- EROSION CHECK: WATTLES

DIGGERS HOTLINE OF NEBRASKA

PRIOR TO ANY EXCAVATION OR LAND DISTURBANCE,
THE CONTRACTOR SHALL HAVE UNDERGROUND
UTILITIES LOCATED AND MARKED BY CONTACTING THE
DIGGERS HOTLINE OF NEBRASKA AT 1-800-331-5666.



TYPICAL LANCASTER COUNTY
RURAL CROSS SECTION
NOT TO SCALE

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES IMPACTED BY THE CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANY ON ANY IMPACTS.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- TOPOGRAPHIC INFORMATION IS TAKEN FROM A TOPOGRAPHIC SURVEY BY LAND SURVEYORS AND 2 FOOT CONTOURS PROVIDED BY LANCASTER COUNTY. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO BE SUBMITTED TO THE OWNER FOR REVIEW.
- ALL CONSTRUCTION SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE COUNTY ENGINEER.
- ALL ELEVATIONS ARE TO NAVD 88 DATUM.

SWPPP NOTES

- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION & SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT. ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- IF POSSIBLE, LEAVE VEGETATIVE BUFFER TO NEIGHBORING PROPERTIES AND SENSITIVE AREAS.
- FOLLOWING SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN FOURTEEN (14) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER CONTROLS, TOPSOIL STOCKPILES, AND ANY OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE WHICH ARE NOT BEING USED FOR MATERIAL STORAGE, OR ON WHICH ACTUAL EARTH MOVING ACTIVITIES ARE NOT BEING PERFORMED.
- ALL AREAS SHALL BE SEEDED WITH A PERMANENT SEED MIX OR AGRICULTURAL COVER CROP ACCEPTABLE TO THE UNIVERSITY OF NEBRASKA COOPERATIVE EXTENSION OFFICE, THE LOCAL NATURAL RESOURCES DISTRICT, LANCASTER COUNTY ENGINEER, AND OWNER.
- CONTRACTOR SHALL COORDINATE SEEDING SCHEDULE WITH THE OWNER PRIOR TO PLACEMENT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTROLLING OFF-SITE EMISSIONS IN ACCORDANCE WITH LINCOLN-LANCASTER COUNTY AIR POLLUTION REGULATIONS AND STANDARDS ARTICLE 2, SECTION 32.
- FOR DETAILS OF CONSTRUCTION ENTRANCE, REFERENCE SHEET 2 OF 5.
- FOR DETAILS OF WATTLES, REFERENCE SHEET 2 OF 5.

GRAVEL SURFACING NOTES

- ALL GRAVEL SURFACING RADI AT INTERSECTIONS SHALL BE 50 FEET, UNLESS OTHERWISE INDICATED.
- FOR GRAVEL SURFACES, (3) INCHES OF CRUSHED ROCK SHALL BE EMBEDDED INTO THE SUBGRADE BY MECHANICAL MEANS DURING CONSTRUCTION AND OVERLAP WITH ONE (1) INCH OF GRAVEL. THE CRUSHED ROCK AND THE GRAVEL SHALL CONFORM TO SECTION 1033 OF THE STATE OF NEBRASKA DEPARTMENT OF ROADS STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (1997-ENGLISH UNITS).
- PRIOR TO THE INSTALLATION OF CRUSHED ROCK SURFACING, CONTRACTOR SHALL COORDINATE WITH THE COUNTY ENGINEER'S OFFICE AND TESTING FIRM TO ENSURE THAT TESTING AND PREPARATION OF THE SUBGRADE HAS BEEN COMPLETED TO THE SATISFACTION OF THE COUNTY ENGINEER'S OFFICE. AN INSPECTOR FOR THE COUNTY ENGINEER'S OFFICE SHALL WITNESS SUBGRADE TESTING UNLESS OTHERWISE NOTIFIED BY THE COUNTY. FORTY-EIGHT (48) HOURS NOTICE SHALL BE GIVEN TO THE COUNTY INSPECTOR AND TESTING FIRM TO ALLOW ADEQUATE TIME FOR SCHEDULING OF SITE VISIT.
- AFTER THE INSTALLATION, CONTRACTOR SHALL SUBMIT ALL WEIGH SCALE TICKETS TO THE COUNTY ENGINEER'S OFFICE FOR THEIR RECORDS.

GRADING GENERAL NOTES

- CONTRACTOR SHALL STRIP AND STOCKPILE THE TOPSOIL (4" MINIMUM) AS DIRECTED BY GEOTECHNICAL ENGINEER PRIOR TO THE START OF GRADING OPERATION.
- CONTRACTOR SHALL OVER EXCAVATE UNSUITABLE SOIL, AS DIRECTED BY GEOTECHNICAL ENGINEER IN EXISTING ROADWAY DITCHES, EXISTING DRAINAGE SWALES, BEHIND EXISTING TERRACES, AND ANY OTHER AREAS WHERE UNSUITABLE SOILS MIGHT EXIST PRIOR TO THE PLACEMENT OF FILL MATERIAL. OVER EXCAVATION IS SUBSIDIARY TO THE BID FOR EXCAVATION.
- ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
- EXISTING GRADE CONTOURS SHOWN AT 2-FOOT INTERVALS.
- PROPOSED GRADE CONTOURS SHOWN AT 2-FOOT INTERVALS. THE PROPOSED GRADE CONTOURS REPRESENT TOP OF CRUSHED ROCK IN AREAS TO BE SURFACED AND FINISHED GROUND IN ALL OTHER AREAS.
- THE CONTRACTOR SHALL NOT REMOVE ANY TREES OUTSIDE OF THE LIMITS OF CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER / OWNER. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL TREES TO REMAIN AND SHALL NOT COMPACT THE ROOT ZONE.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR THE LOCATION AND METHOD OF TREE DISPOSAL. IF OWNER ALLOWS BURNING OF TREES, THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO BURNING. LOCATION OF BURNING SHALL BE CAREFULLY SELECTED TO AVOID AREAS WHERE IT IS LIKELY THAT STRUCTURES, ROADS, CULVERTS, UTILITIES, ETC WILL BE BUILT IN THE FUTURE.
- ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE A MINIMUM OF 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES GREATER THAN 3H:1V. CONTRACTOR SHALL SEED DISTURBED AREAS IN ACCORDANCE WITH SECTIONS 803, 804, AND 805 OF THE STATE OF NEBRASKA DEPARTMENT OF ROADS STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 - ENGLISH UNITS).
- GRADING SHALL EXTEND AROUND ALL TEMPORARY CUL-DE-SACS.
- CONSTRUCTION PROCEDURES FOR STREETS AND ROADS SHALL CONFORM TO SUBSECTIONS 205.01, 205.02 AND 205.03 FOR CLASS III EMBANKMENTS OF THE STATE OF NEBRASKA DEPARTMENT OF ROADS STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 - ENGLISH UNITS).
- FOR PAVED SURFACES, FILL MATERIAL PLACED WITHIN THE UPPER 36 INCHES OF THE PAVEMENT SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN ONE HUNDRED PERCENT (100%) OF THE MAXIMUM DRY DENSITY (ASTM D698, LATEST EDITION). FILL MATERIAL PLACED GREATER THAN 36 INCHES BELOW THE PAVEMENT SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN NINETY-FIVE PERCENT (95%) OF THE MAXIMUM DRY DENSITY (ASTM D698, LATEST EDITION). MOISTURE CONTENT SHALL NOT BE LESS THAN 0 PERCENT BELOW AND NOT MORE THAN 2 PERCENT ABOVE OPTIMUM MOISTURE.
- RIGHT OF WAY SHALL BE GRADED WITH A TOLERANCE OF +0.3' TO -0.2' FROM FINAL GRADES (SUB-GRADE FOR ROADWAY). ALL OTHER AREAS SHALL BE GRADED WITH A TOLERANCE OF ±0.5' FROM FINAL GRADES.

REVISIONS

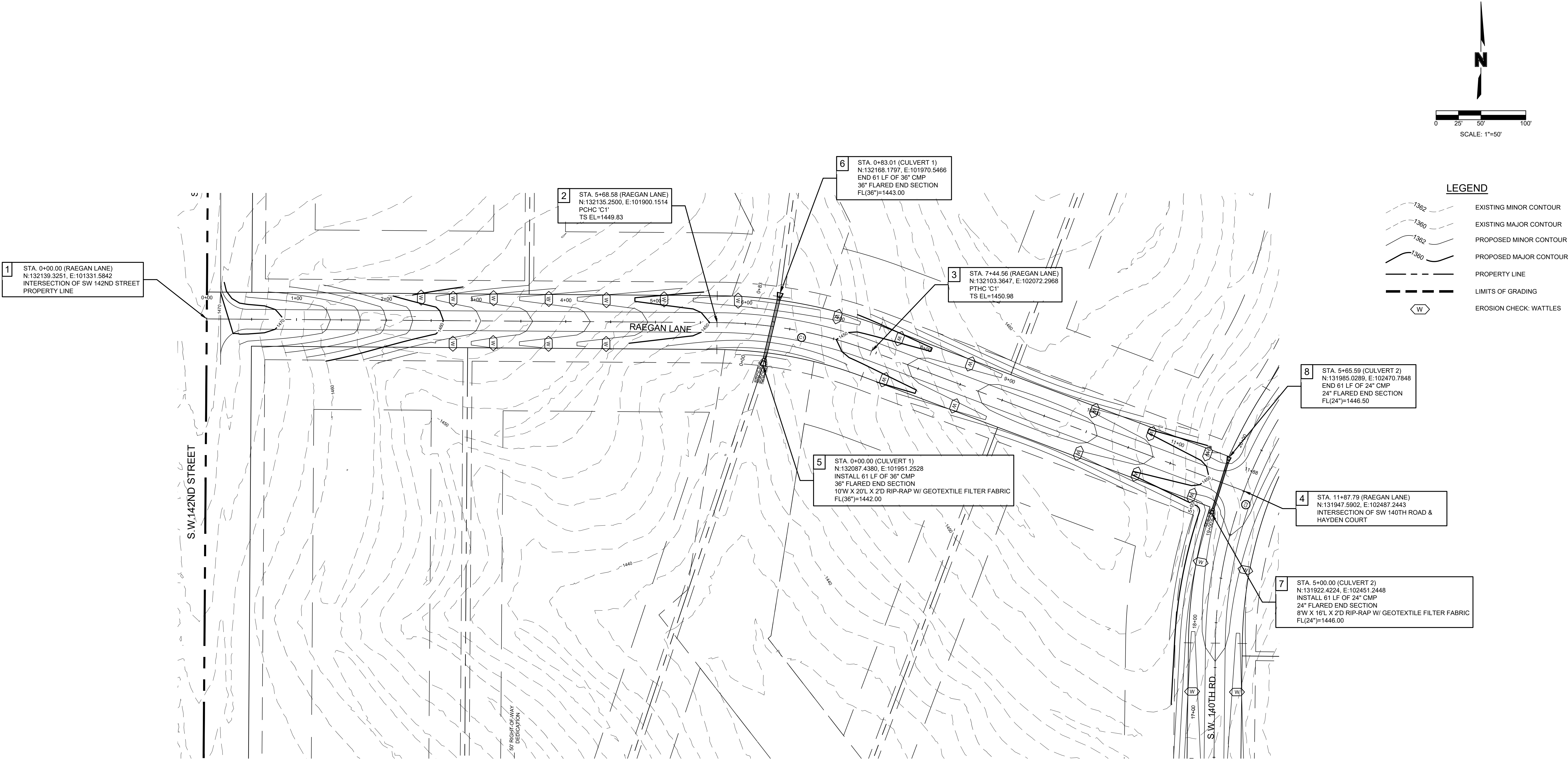
NO.	DATE	DESCRIPTION
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CONSTRUCTION COVER

BUTTERFLY ACRES

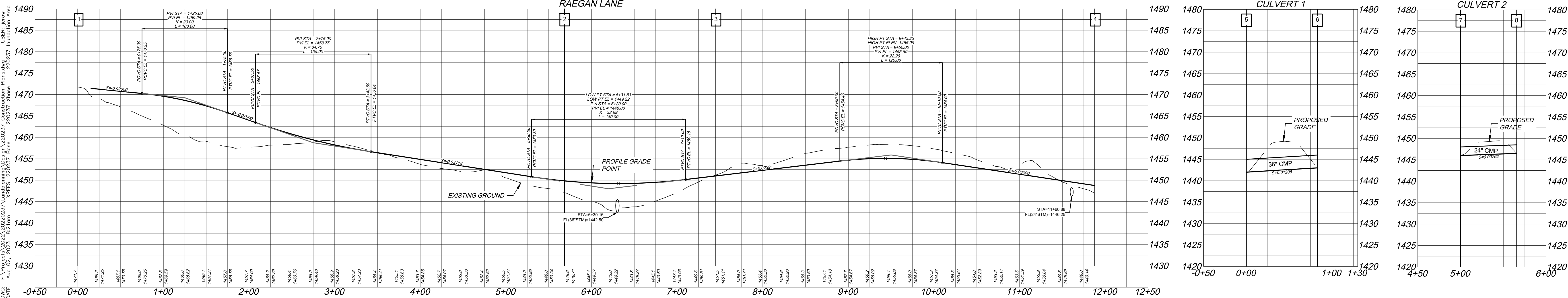
CRETE, NEBRASKA

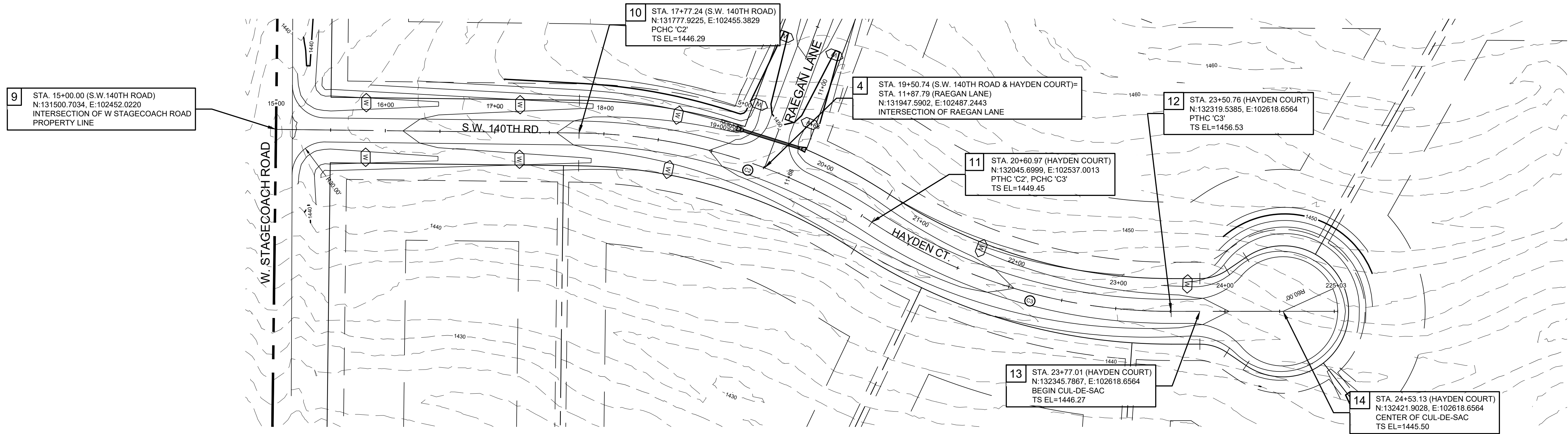
drawn by: zkw
checked by: jdc
approved by: jdc
project no.: 2022-0237
drawing no.:
date: 07/26/2023



Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	175.98	500.00	20.17	S79° 30' 23"E	175.07

PROFILE SCALES:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

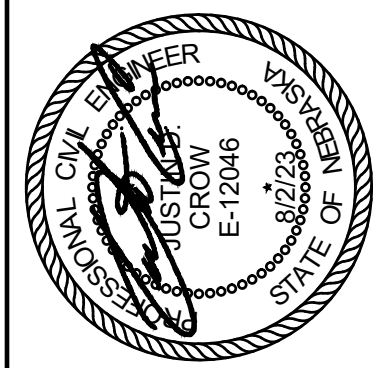
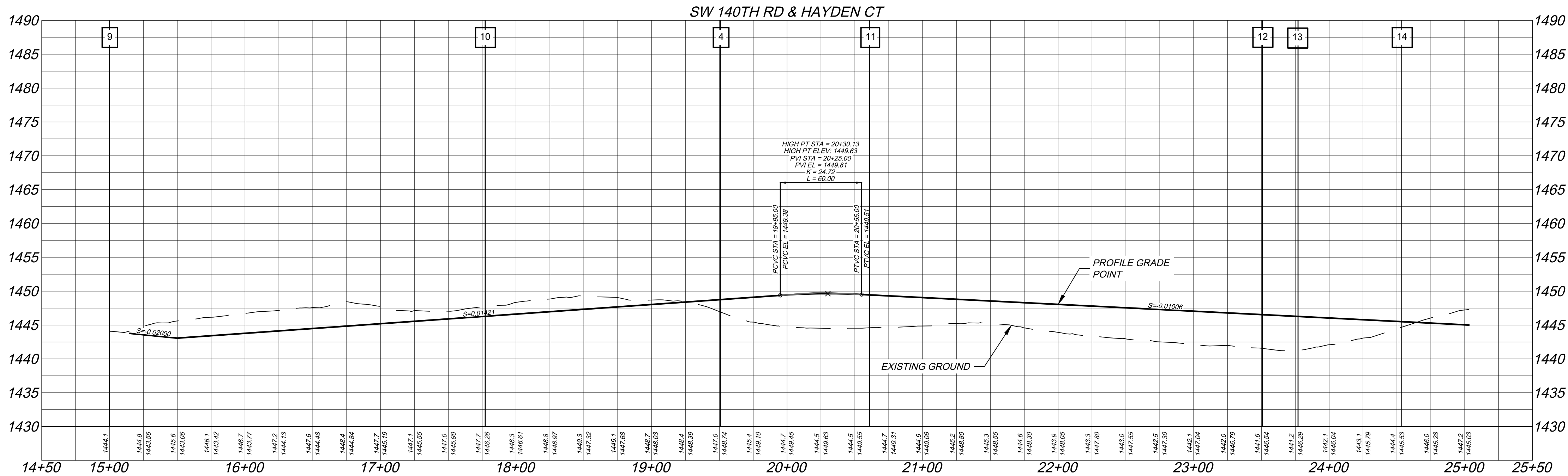




- LEGEND**
- EXISTING MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - PROPOSED MAJOR CONTOUR
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 - EROSION CHECK: WATTLES

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C2	283.73	500.00	32.51	S 16° 57' 04" W	279.94
C3	289.79	500.00	33.21	S 16° 38' 14" W	285.75

PROFILE SCALES:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



REVISIONS

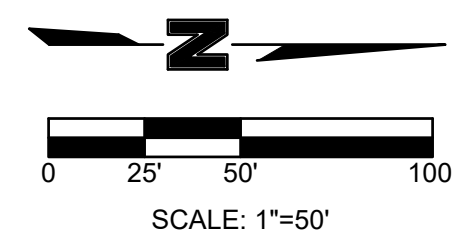
DATE	DESCRIPTION

CONSTRUCTION PLAN

BUTTERFLY ACRES

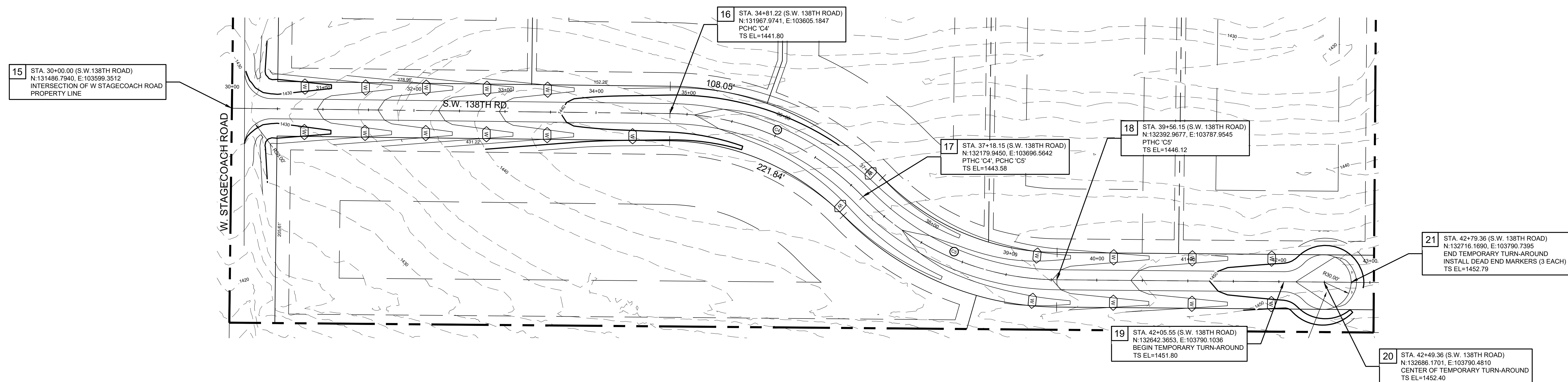
CRETE, NEBRASKA

drawn by: zkw
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approved by: jdc
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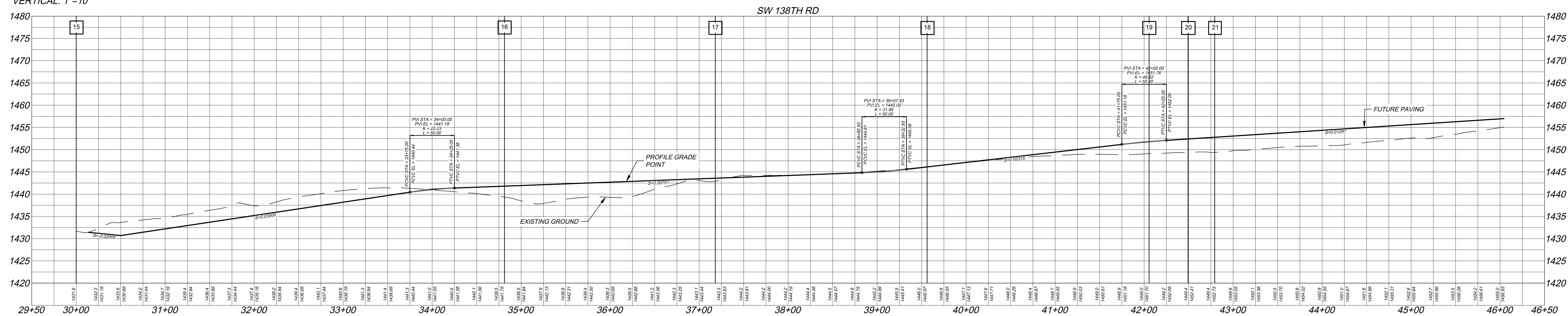
LEGEND

- | | |
|--|------------------------|
| | EXISTING MINOR CONTOUR |
| | EXISTING MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | PROPOSED MAJOR CONTOUR |
| | PROPERTY LINE |
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| | EROSION CHECK: WATTLES |



CURVE DATA						
CURVE #	RADIUS	ANGLE	TANGENT	LENGTH	CH DIST	CH BRG
C4	300.0'	45°15'07"	125.04'	236.94'	230.83'	S23°19'14"W
C5	300.0'	45°27'10"	125.66'	237.99'	231.80'	N23°13'13"E

PROFILE SCALES:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

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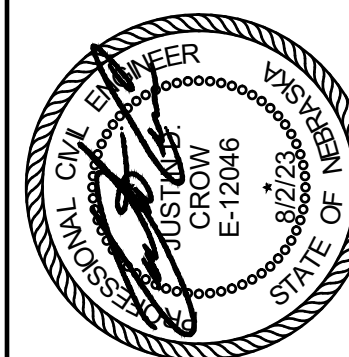
CONSTRUCTION PLAN

BUTTERFLY ACRES

CRETE, NEBRASKA

drawn by:	zkw
checked by:	jdc
approved by:	jdc
project no.:	2022-0237
drawing no.:	-
date:	07/25/2023

SHEET
5 OF 5



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