E & A CONSULTING GROUP, INC.
Engineering Answers

10909 Mill Valley Road, Suite 100 • Omaha, NE 68154-3950
P 402.895.4700 • F 402.895.3599
www.eacg.com

Dear Homeowner:

The SID has contracted concrete work to be done on the sidewalks, curb ramps, and trails in your SID. A contractor will be on site to do work which includes removing the existing sidewalk and pouring back new sidewalk.

Throughout the course of this project, there could be some minimal damage done to yards and or sprinkler systems. The contractor that is on site will be responsible for replacing any damaged sprinkler lines and/or heads. They will also be replacing any sod that is torn up while on site. Once the new sod is laid, it will be the responsibility of the homeowner at each lot to water the new sod until it has re-established itself.

Before starting the work on site, each contractor must put in a call and have all the utilities in the area located. You might notice some areas in your yard that have been flagged and/or spray painted. This does not indicate the area in which they will be working. It is just to give them an idea of what kind of utilities are in the area that could possibly be hit while the contractor is on site working.

The work in your SID should not take longer than 30 days to complete.

Please let me know if you have any questions or concerns by scanning the QR code below to report an issue, or email or call.

Thank You,

Travis Gifford
Construction Admin Tech
Engineering Answers…by transforming concepts into reality
E & A Consulting Group, Inc.
10909 Mill Valley Road, Suite 100 • Omaha, NE 68154
402.895.4700 (o) • 402.702.1767 (m)
tgifford@eacg.com

ne1call.com
Nebraska 811
know what's **below.** **Call** before you dig.
Dial: 811

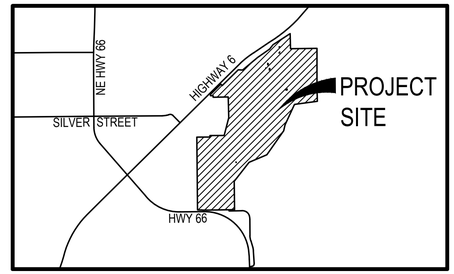
IRONHORSE

2025 SIDEWALK & CURB RAMPS

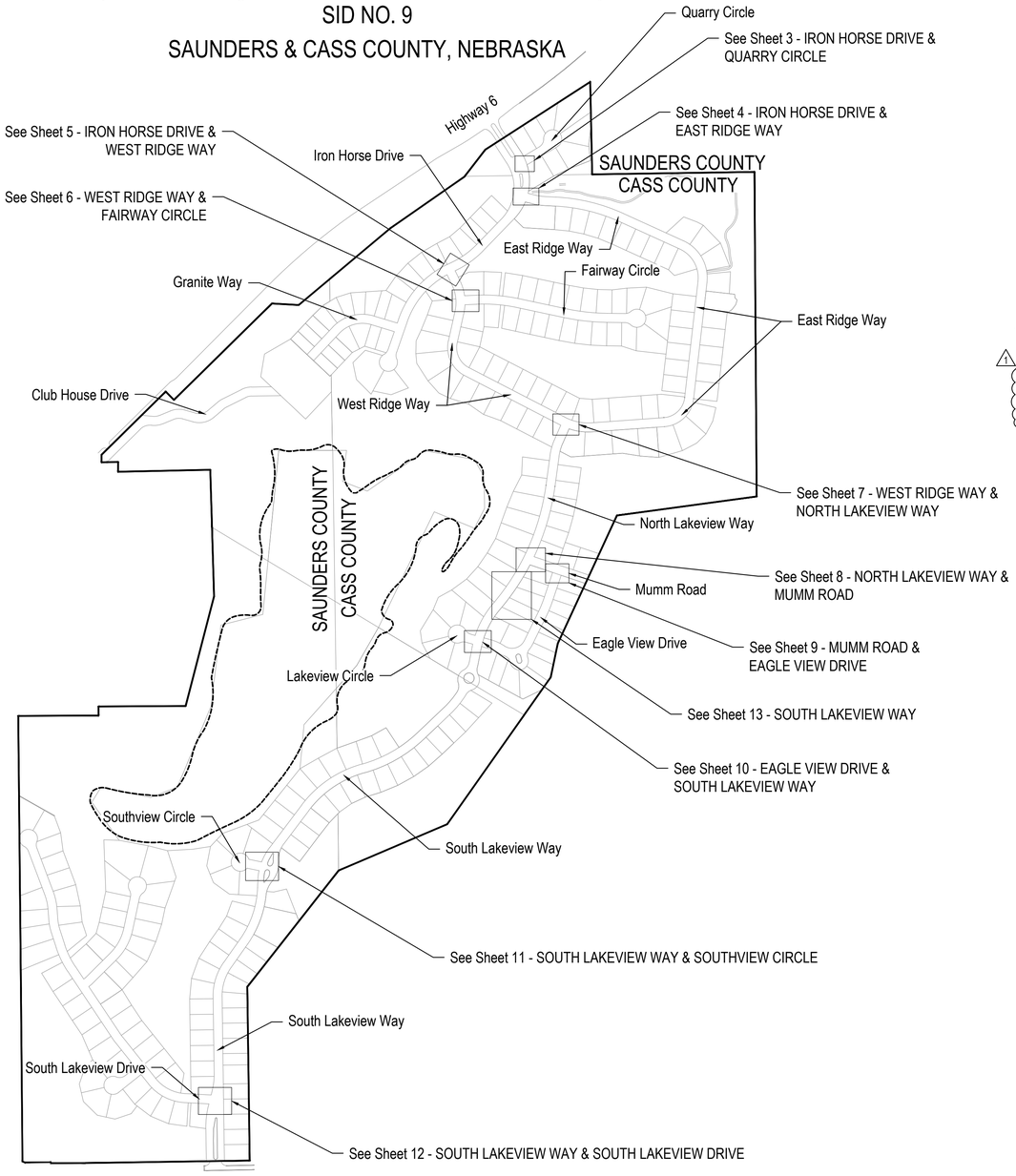
Located in the SW1/4, of Section 31, Township 13North, Range 10East, and the SE1/4, of Section 1, Township 12North, Range 9East of the 6th P.M., Saunders County, Nebraska. And together with the NW1/4 and the SW1/4, of Section 6, Township 12North, Range 10East of the 6th P.M., of Cass County, Nebraska.

SID NO. 9

SAUNDERS & CASS COUNTY, NEBRASKA



VICINITY MAP



0 400 800
1 inch = 400 ft.

APPROXIMATE BID QUANTITIES

	ITEM	DESCRIPTION	QUANTITY	UNIT
1	1	REMOVE PAVEMENT	182	SY
1	2	REMOVE COMBINATION CURB AND GUTTER	18	LF
	3	SAW CUT EXISTING PAVEMENT - FULL DEPTH	756	LF
	4	REMOVE PCC SIDEWALK	4,904	SF
	5	REMOVE PCC CURB RAMP	1,222	SF
	6	REMOVE MULTI-USE TRAIL	189	SY
	7	REMOVE AND RELOCATE SIGN	12	EA
	8	REMOVE AND REPLACE FAULTY SUBGRADE	25	TN
	9	REMOVE AND RELOCATE LANDSCAPING	1	LS
	10	CONSTRUCT 7" PCC PAVEMENT WITH INTEGRAL CURB AND GUTTER (NDOT 47B 3500)	182	SY
1	11	CONSTRUCT 6" COMBINATION CURB AND GUTTER	18	LF
	12	CONSTRUCT 4" PCC SIDEWALK	5,742	SF
	13	CONSTRUCT PCC CURB RAMP	1,068	SF
	14	CONSTRUCT IMPRINTED PCC SURFACE	1,372	SF
1	15	CONSTRUCT 6" PCC MULTI-USE TRAIL	255	SF
	16	CONSTRUCT DETECTABLE WARNING PANEL (23 Locations)	310	SF
	17	ADJUST MANHOLE TO GRADE	3	EA
	18	ADJUST WATER VALVE TO GRADE	15	EA
	19	ADJUST SPRINKLER (AS NEEDED)	27	EA
	20	INSTALL SEEDING - TYPE A WITH EROSION CONTROL MATTING - TYPE S-75	58	SY
1	21	INSTALL CURB INLET PROTECTION	9	EA
	22	INSTALL SODDING	712	SY
	23	PROTECT TREES	11	EA
	24	EXCAVATION HAUL-IN (ESTABLISHED QUANTITY)	25	CY

Note to Bidders:

Item 24- Excavation Haul-In (Established Quantity). This item is also intended to pay the contractor for material required to be hauled in to complete the project to the grade shown on the plan. The unit cost bid shall include the cost of off-site borrow, loading for transport, transport, unloading, placement and compaction. The Engineers estimate 25 CY (adjusted - See details below). This item is paid for at an established quantity unit price, and it is the contractors responsibility to determine if the estimated amount is accurate. No adjustment to this quantity bid will be accepted without an approved written change order.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER
1 2	NOTES & DETAILS
2A	TYPE A CURB RAMP DETAIL
2B	TYPE F CURB RAMP DETAIL
2C	TYPE G CURB RAMP DETAIL
3	IRON HORSE DRIVE & QUARRY CIRCLE
4	IRON HORSE DRIVE & EAST RIDGE WAY
5	IRON HORSE DRIVE & WEST RIDGE WAY
6	WEST RIDGE WAY & FAIRWAY CIRCLE
7	WEST RIDGE WAY & NORTH LAKEVIEW WAY
8	NORTH LAKEVIEW WAY & MUMM ROAD
9	MUMM ROAD & EAGLE VIEW DRIVE
10	EAGLE VIEW DRIVE & SOUTH LAKEVIEW WAY
11	SOUTH LAKEVIEW WAY & SOUTHVIEW CIRCLE
12	SOUTH LAKEVIEW WAY & SOUTH LAKEVIEW DRIVE
13	SOUTH LAKEVIEW WAY
14	COMPOSITE

APPLICANT
SID # 9
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F: 402.895.3599
rpierce@eacg.com

CONTRACTOR
P:
F:

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E & A CONSULTING GROUP, INC. *Engineering Answers*

IRONHORSE
2025 SIDEWALK & CURB RAMPS
SID 9
SAUNDERS & CASS COUNTY, NEBRASKA

COVER

PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
STATE OF NEBRASKA

Revisions			
No.	Date	Description	
1	03/03/2026	Updated sheets 1, 3-12, updated quantities, and added sheets 2A-2C.	

Proj No: P2006.066.031
Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: AS SHOWN
Sheet: 1 of 14

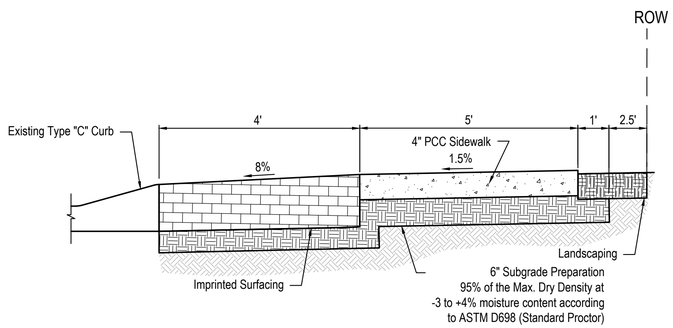
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GENERAL NOTES

1. All project procedures, materials, bonds and reserves shall conform to the City of Ashland's Standard Specifications and the NDOT Standard Plans. It is the responsibility of the CONTRACTOR to be aware of the contents of the Standard Specifications and Plans. The City of Ashland's Standard Specifications can be found at: https://www.ashland-ne.com/vimages/shared/vnews/stories/578e2ccfdc69a/Infrastructure%20Standards%20%26%20Specs%20April%202021%20combined%20document%20%26%20drawings.pdf. The NDOT Standard Plans can be fount at: https://dot.nebraska.gov/media/q0oodegl/standard-plans.pdf
2. Barricades shall conform to the City of Ashland's Specifications and/or the "Manual on Uniform Traffic Control Devices" and any additions thereto.
3. The time limit to complete the work is listed in the Proposal in the Specifications.
4. The INSPECTOR shall certify the CONTRACTOR's Work adheres to and meets all construction specifications and plans; maintenance, safety, workmanship, and testing requirements; and applicable regulatory compliance issues.
5. Approval shall be obtained from the City of Ashland for all applicable public improvements prior to the commencement of construction. The CONTRACTOR shall check with the INSPECTOR for City of Ashland Public Works Department approval of the project before starting work.
6. The CONTRACTOR and INSPECTOR shall ensure all impacted government agencies (City of Ashland, Cass County, Saunders County, State of Nebraska, Corps of Engineers, United States Federal Government, etc.) have granted all applicable permission to proceed with construction prior to mobilization. Furthermore, 48 hours prior to the commencement of construction, the INSPECTOR shall notify all concerned parties that work will be proceeding within each impacted government agency jurisdictional boundary.
7. Construction found to be unacceptable to the City of Ashland shall be removed and replaced at the CONTRACTOR's expense.
8. The INSPECTOR shall notify City of Ashland personnel 48 hours prior to all preconstruction meetings and 48 hours prior to the start of any construction.
9. The INSPECTOR shall submit weekly progress reports to the following City of Ashland personnel Shane Larsen (email: publicworksdir@ashland-ne.com).
10. The INSPECTOR shall notify City of Ashland personnel 48 hours prior to lane closures and 24 hours prior to lane restrictions.
11. All operations conducted on the premises, including the warming-up, repair, arrival, departure, or running of trucks, earthmoving equipment, construction equipment, and any other associated equipment shall be limited to the period between 7:00 A.M. and 6:00 P.M., Monday through Friday. No earthmoving or grading operations shall be conducted on the premises on Saturdays or Sundays or legal holidays, unless waived by the INSPECTOR and the City of Ashland.
12. The CONTRACTOR shall notify all impacted utility companies via One Call (dial 811 or 800-331-5666) 48 hours before work is started to verify utility locations.
13. The existence and location of any overhead or underground utility lines, pipes, or structures shown on these plans are obtained by a research of the available records. Existing utilities are approximate and for record purposes. Existing utilities are located on plans only for the convenience of the CONTRACTOR. Existing utility service lines may not be shown on the plans. The CONTRACTOR shall locate all underground and overhead interferences which may affect his operation during construction and shall take all necessary precautions to avoid damage to the same.
14. The CONTRACTOR shall take all precautionary measures necessary to protect existing utility lines, structures and street improvements which are to remain in place, from damage, and all such improvements or structures damaged by the CONTRACTOR'S operations shall be repaired or replaced satisfactory to the INSPECTOR and owning utility company at the expense of the CONTRACTOR.
15. All construction shall be as shown on these plans. Any revisions shall have the prior written approval of the DESIGNER and City of Ashland.
16. CONTRACTOR shall adjust all new and existing inlets, valve boxes, manhole rims, and sewer clean outs, etc. to finish grade as applicable whether or not they are shown on the plans.
17. The CONTRACTOR shall adhere to good housekeeping best management practices at all times. Good housekeeping best management practices focus on keeping the work site clean and orderly while handling materials and waste in a manner that eliminates the potential for pollutant runoff.
18. The construction documents (e.g., Contract, Bond, Insurance, Specifications, and Construction Plans) are essential and a requirement in one part is as binding as though occurring in all. Thus, the construction documents are complementary in nature. The documents describe and provide the complete construction project. The CONTRACTOR may not take advantage of any apparent construction project errors or omissions. The CONTRACTOR shall notify the INSPECTOR promptly of any omissions or errors. In the case of a discrepancy between parts of the construction documents, the most stringent construction methodology shall rule.
19. The CONTRACTOR shall be responsible for coordinating their work with the ENGINEER in requesting line stakes and grades. The OWNER will not be responsible for delays due to lack of grades or line stakes.
20. The CONTRACTOR shall be charged for replacing construction stakes and lot pins which are destroyed by his operations.
21. The CONTRACTOR is hereby referred to Subsection 100.03-E of the City of Omaha's Standard Specifications for Public Works Construction, 2024 Edition ("Standard Specifications") relative to cleaning of the work area. The final estimate will not be processed until the CONTRACTOR has satisfactorily cleaned and flushed the pavement slab of all rubbish, excess material, mud and debris, and all parts of the work area have been left in a neat and presentable manner. All disturbed right-of-way areas shall be restored to a level and smooth section prior to acceptance of the work. The City of Omaha 2024 Standard Specifications can be found at: https://drive.google.com/file/d/1ChZo0F-CHVJD32JsHjDTh8qFwiBE_Jpl/view
22. All disturbed areas shall be seeded and matted. Use Type A seeding and North American Green S-75 single net straw matting, or approved equal, for residential areas.

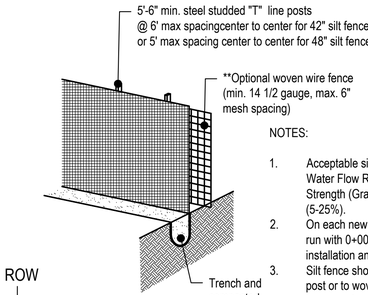
SIDEWALK CONSTRUCTION NOTES

1. Sidewalk subgrade shall be prepared and compacted in accordance with the City of Ashland's Standard Specifications. Subgrade compaction shall be incidental to the other bid items.
2. Concrete for the sidewalk slab shall be class" NDOT 47B - 3500 psi" air-entrained concrete made from Type 1 PF Cement in accordance with the City of Ashland Infrastructure Standards and Specifications unless otherwise shown on plans.
3. Water-reducing admixture shall be added to all hand-placed and finished concrete.
4. Sidewalk widths shall be as shown on the plans. All dimensions referencing street pavement are shown to back of curb.
5. Sidewalk slope may be varied to suit existing conditions, but in no case shall the maximum cross slope exceed 2.0%, Variations to suit extreme conditions shall be as directed by the ENGINEER.
6. The CONTRACTOR shall construct, with the INSPECTOR's assurance of conformity, ADA compliant curb ramps at all intersection returns where new sidewalk is constructed, as well as where existing sidewalk has been removed. All ADA compliant curb ramps shall conform to the NDOT standard plans. These guidelines can be found at https://dot.nebraska.gov/media/q0oodegl/standard-plans.pdf.
7. Pre-cast detectable warning panels shall be in accordance with the pattern, dimensions, and specifications identified within the most current version of the Accessibility Guidelines for Pedestrian Facilities in the Public Right of Way as defined by the United States Access Board. Only "Armor Tile Cast in Place System, Color Red" shall be used.
8. Concrete pavement shall be cured using a white pigmented liquid membrane-forming curing compound that has been approved by the State of Nebraska Department of Roads. Apply liquid forming membrane-forming curing compound at the concentration and application rate recommended by the manufacturer. Curing compound to be applied within one (1) hour of the placement of pavement.
9. Under no conditions will heavy equipment be allowed on concrete paving without proper planking or bridging, and then only with the approval of the ENGINEER. The pavement shall be open for use in accordance with Section 500.03 (P) of the Standard Specifications.
10. Rubble and waste materials shall be removed from the site and lawfully disposed, salvaged and recycled.
11. a) Joint spacing shall be equal to the width of the sidewalk.
b) Contraction joints shall be scoured to a minimum depth of T/4, where T is the sidewalk thickness.
c) Use sealing filler, hot poured type, on all expansion joints.



SIDEWALK SECTION - SOUTH LAKEVIEW WAY

NOT TO SCALE

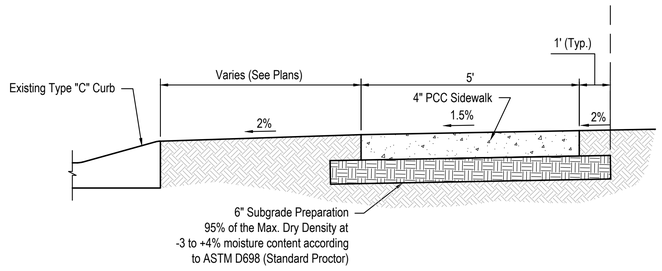


SILT FENCE

NOT TO SCALE

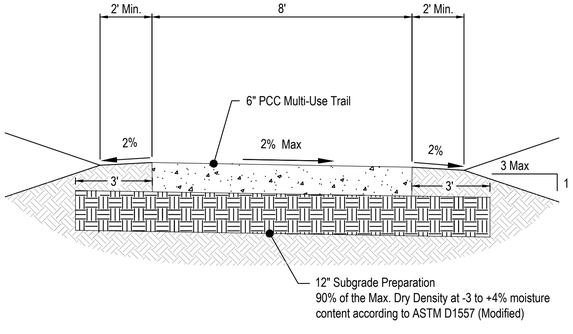
NOTES:

1. Acceptable silt fence specifications- AOS (#20 - 50 Sieve), Water Flow Rate (50 gpm/ sq. ft. - 125 gpm/ sq.ft), Tensile Strength (Grab) - (Min. 120 Warp or greater and Elongation (5-25%).
2. On each new run of silt fence spray paint the beginning of the run with 0+00 and spray paint the end with the date of installation and LF of the run.
3. Silt fence should be securely fastened to each steel support post or to woven wire which is in turn attached to the steel fence posts. A minimum of 3 ties are required for each post. To be located in the top 12"of the silt fence.
4. Steel posts which support the silt fence shall be installed on a slight angle toward the anticipated runoff source. (Incline all posts 20° Max. from vertical, toward flow).
5. Silt fence shall be trenched in with a silt fence plow so that the downslope face of the trench is flat and perpendicular to the line of flow.
6. Silt fence shall be removed when it has served its usefulness so as not to block or impede storm flow or drainage.
7. Sediment trapped by this practice shall be uniformly distributed on the source area prior to topsoiling.



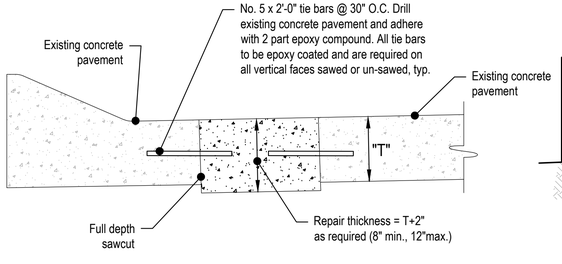
TYPICAL SIDEWALK SECTION

NOT TO SCALE



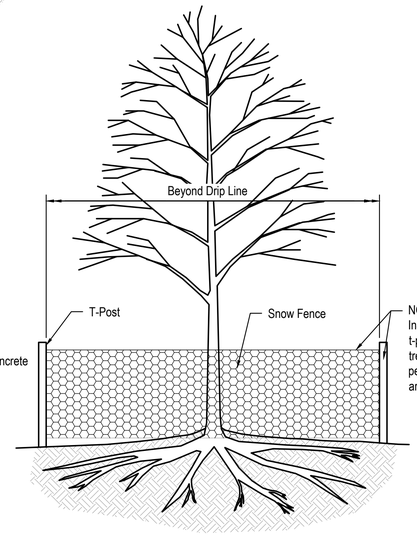
TYPICAL TRAIL SECTION

NOT TO SCALE



CONCRETE PAVEMENT REPAIR DETAIL

NOT TO SCALE



TREE PROTECTION DETAIL

NOT TO SCALE

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Nebraska 811
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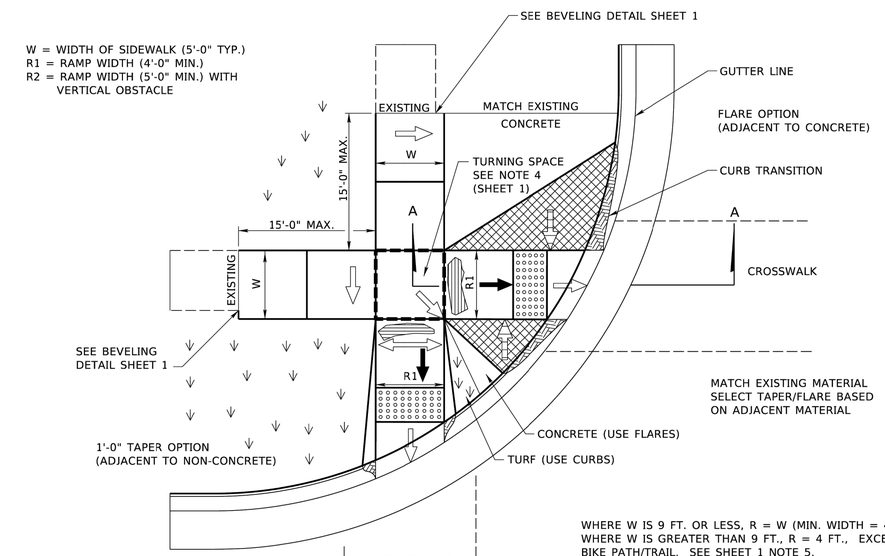
NOTES & DETAILS

PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
12-17-24
STATE OF NEBRASKA

Revisions		
	Description	Date

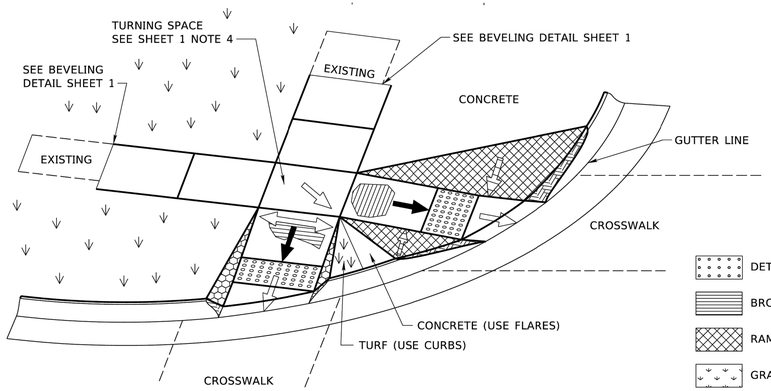
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Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: N/A
Sheet: 2 of 14

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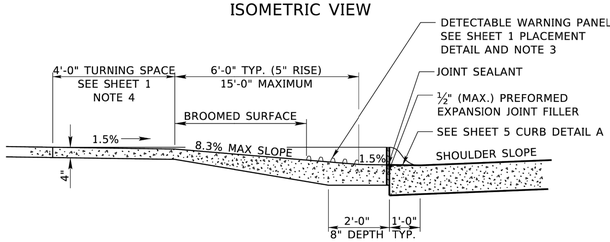


WHERE W IS 9 FT. OR LESS, R = W (MIN. WIDTH = 4 FT.)
WHERE W IS GREATER THAN 9 FT., R = 4 FT., EXCEPT BIKE PATH/TRAIL. SEE SHEET 1 NOTE 5.

TYPE A PLAN



ISOMETRIC VIEW



TYPE A CROSS SECTION
SECTION A-A

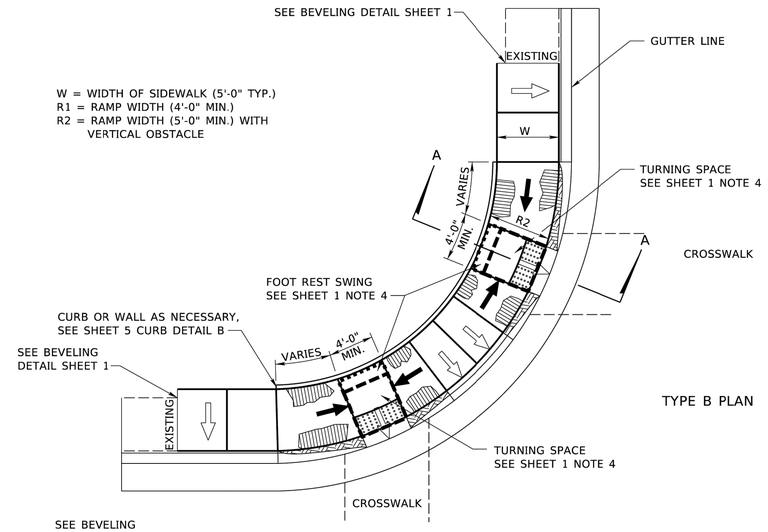
LEGEND

- DETECTABLE WARNING PANEL
- BROOMED CURB RAMP WHEN 5% TO 8.3%
- RAMP FLARE
- GRASS OR NON WALKING SURFACE
- CURB TRANSITION
- CURB FACE SLOPE 1 VERT. : 2 HORZ.

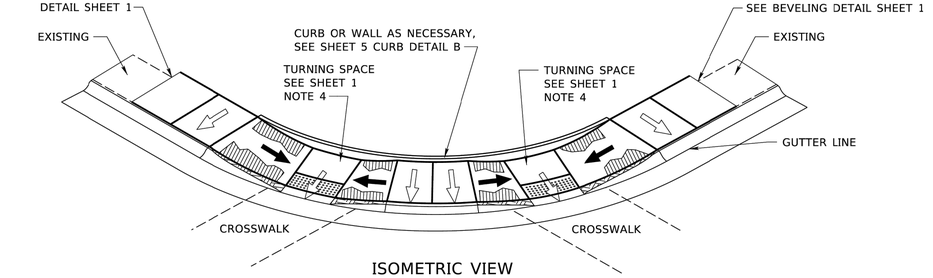
SLOPE LEGEND

⇦	SIDEWALK/TURNING SPACE AND RAMP CROSS SLOPE 1.5% TYPICAL, 2.0% MAX. SLOPE
⬅	RAMP RUNNING SLOPE 8.0% TYPICAL, 8.3% MAX. SLOPE
⇦	FLARE 90° TO RAMP 9.0% TYPICAL, 10.0% MAX. SLOPE

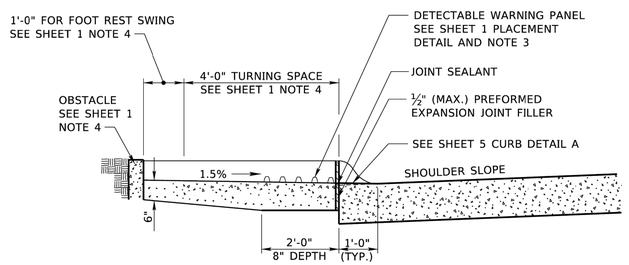
THE CONTRACTOR SHOULD ACCOUNT FOR CONSTRUCTION TOLERANCES TO PREVENT EXCEEDING THE MAXIMUM SLOPES. ANY SLOPES EXCEEDING THE MAXIMUMS SHALL NOT BE ACCEPTED WITHOUT PRIOR APPROVAL FROM THE ROADWAY DESIGN ENGINEER. AN EXCEPTION TO THIS IS THE TRANSITIONAL SEGMENT TO EXISTING SIDEWALK MUST CONNECT TO THE EXISTING SIDEWALK PANEL; THIS DOES NOT REQUIRE A STATEMENT OF TECHNICAL INFEASIBILITY. (REF. PROWAG CHAPTER R3 TECHNICAL REQUIREMENTS)



TYPE B PLAN



ISOMETRIC VIEW



TYPE B CROSS SECTION
SECTION A-A

REV. NO.	DATE	DESCRIPTION OF REVISION
R4	MAY 24	ADDED CURB WALL DETAIL
R3	JAN 18	NDOR BORDER TO NDOT BORDER
R2	OCT 14	CHANGE PM TO RD ENGINEER

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 303-R4
CURB RAMPS

ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:

DATE

ORIGINAL: MARCH 22, 2010
DATE

2 / 5

E & A CONSULTING GROUP, INC.
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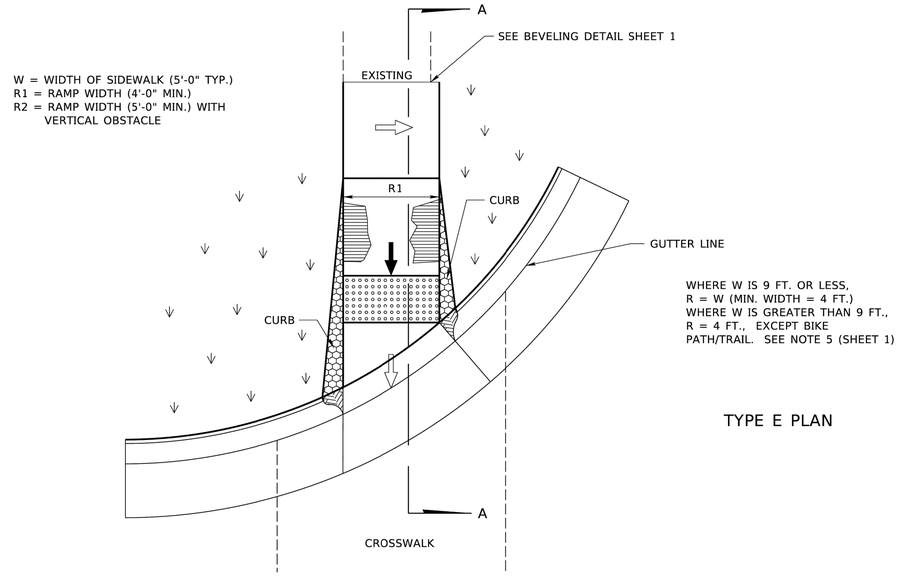
IRONHORSE
2025 SIDEWALK & CURB RAMPS
SID 9
SAUNDERS & CASS COUNTY, NEBRASKA

TYPE A CURB RAMP DETAIL

No.	Date	Revisions Description
N/A		
1	03/03/2026	Added NDOT standard "type "A" curb ramp detail sheet.

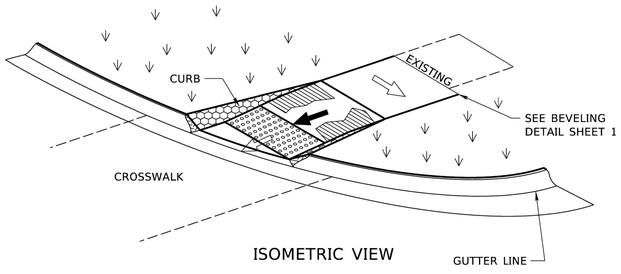
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WHERE W IS 9 FT. OR LESS,
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R = 4 FT., EXCEPT BIKE
PATH/TRAIL. SEE NOTE 5 (SHEET 1)

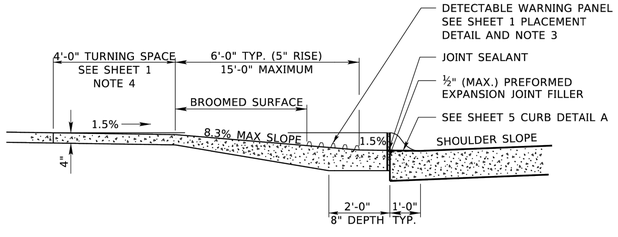
TYPE E PLAN



ISOMETRIC VIEW

LEGEND

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- RAMP FLARE
- GRASS OR NON WALKING SURFACE
- CURB TRANSITION
- CURB FACE SLOPE 1 VERT. : 2 HORZ.



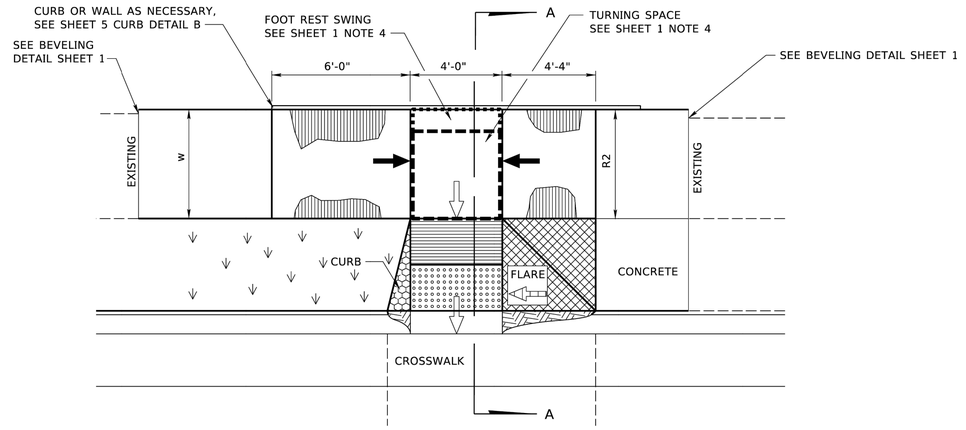
TYPE E CROSS SECTION
SECTION A-A

SLOPE LEGEND

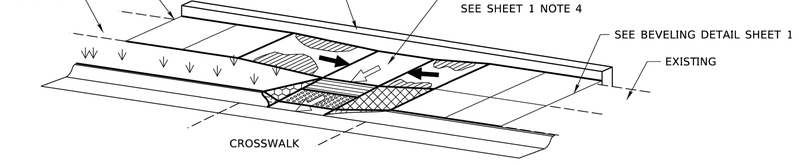
	SIDEWALK/TURNING SPACE AND RAMP CROSS SLOPE 1.5% TYPICAL, 2.0% MAX. SLOPE
	RAMP RUNNING SLOPE 8.0% TYPICAL, 8.3% MAX. SLOPE
	FLARE 90° TO RAMP 9.0% TYPICAL, 10.0% MAX. SLOPE

THE CONTRACTOR SHOULD ACCOUNT FOR CONSTRUCTION TOLERANCES TO PREVENT EXCEEDING THE MAXIMUM SLOPES. ANY SLOPES EXCEEDING THE MAXIMUMS SHALL NOT BE ACCEPTED WITHOUT PRIOR APPROVAL FROM THE ROADWAY DESIGN ENGINEER. AN EXCEPTION TO THIS IS THE TRANSITIONAL SEGMENT TO EXISTING SIDEWALK MUST CONNECT TO THE EXISTING SIDEWALK PANEL; THIS DOES NOT REQUIRE A STATEMENT OF TECHNICAL INFEASIBILITY. (REF. PROWAG CHAPTER R3 TECHNICAL REQUIREMENTS)

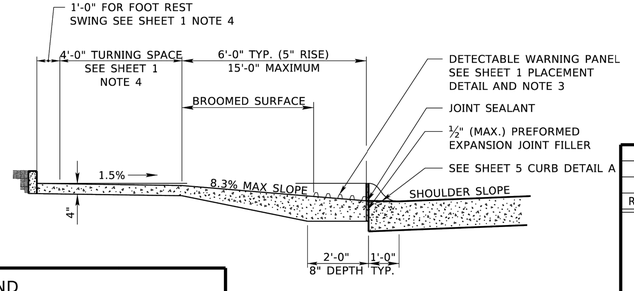
W = WIDTH OF SIDEWALK (5'-0" TYP.)
R1 = RAMP WIDTH (4'-0" MIN.)
R2 = RAMP WIDTH (5'-0" MIN.) WITH VERTICAL OBSTACLE



TYPE F PLAN



ISOMETRIC VIEW



TYPE F CROSS SECTION
SECTION A-A

REV. NO.	DATE	DESCRIPTION OF REVISION
R4	MAY 24	ADDED CURB WALL DETAIL
R3	JAN 18	NDOR BORDER TO NDOT BORDER
R2	OCT 14	CHANGE PM TO RD ENGINEER

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 303-R4
CURB RAMPS

ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:

DATE

ORIGINAL:
MARCH 22, 2010
DATE

4
5

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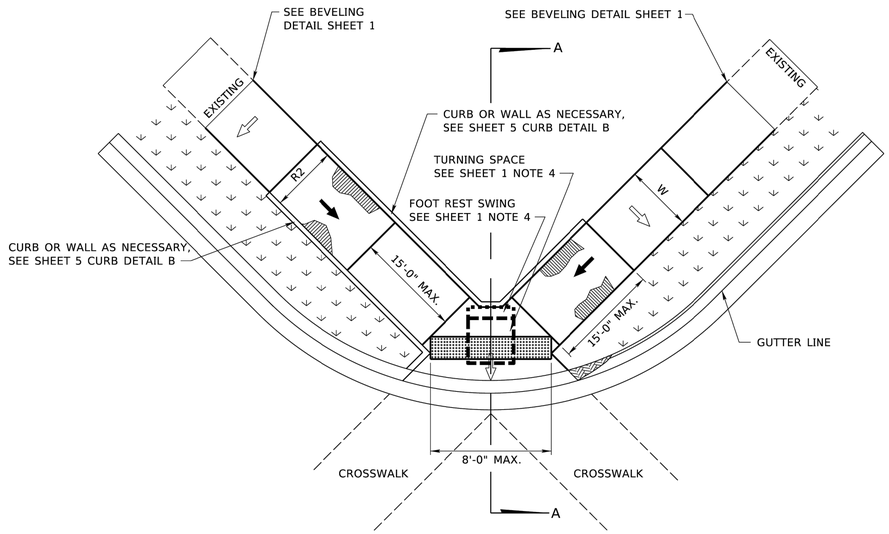
IRONHORSE
2025 SIDEWALK & CURB RAMPS
SID 9
SAUNDERS & CASS COUNTY, NEBRASKA

TYPE F CURB RAMP DETAIL

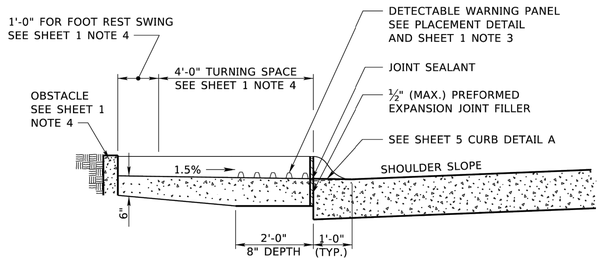
No.	Date	Revisions Description
1	03/03/2026	Added NDOT standard Type "F" curb ramp detail sheet.

Proj No: P2006.056.031
Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: N/A
Sheet: 2B of 14

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Chase J. Luther



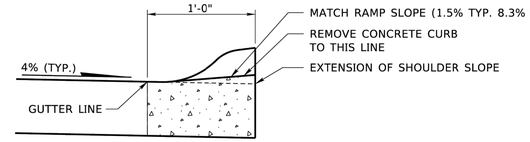
TYPE G PLAN



TYPE G CROSS SECTION
SECTION A-A

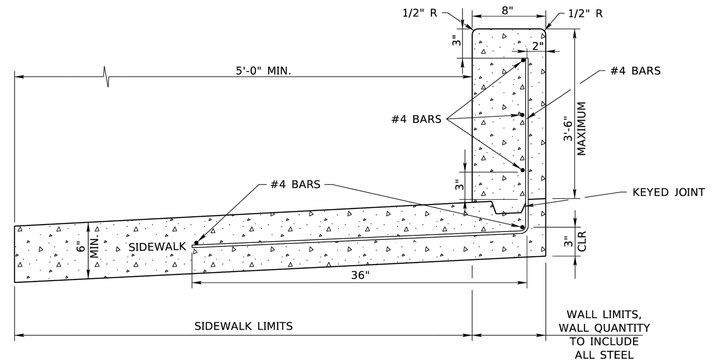
LEGEND

- DETECTABLE WARNING PANEL
- BROOMED CURB RAMP WHEN 5% TO 8.3%
- RAMP FLARE
- GRASS OR NON WALKING SURFACE
- CURB TRANSITION
- CURB FACE SLOPE 1 VERT. : 2 HORZ.



NOTE:
COMBINATION CONCRETE CURB AND GUTTER MAY BE REMOVED AND REPLACED IN LIEU OF MILLING.

CURB DETAIL A



SIDEWALK CURB WALL
WALK AT BACK OF CURB - WITH CONCRETE CURB WALL

CURB DETAIL B

NOTES:

1. ALL REINFORCING STEEL SHALL BE PLACED AS SHOWN WITH 3" CLEARANCE.
2. KEY WAY SHALL BE 1.5" X 3.5" AND BEVELED AS SHOWN.
3. REINFORCING SHALL BE PLACED WITH A TOLERANCE OF -1/4" AND +1/2" ON CLEARANCE.
4. HORIZONTAL BAR SPACING SHALL BE UNIFORM, EQUIDISTANT, AND LESS THAN OR EQUAL TO 12" CENTERS. VERTICAL BARS SHALL BE UNIFORM, PLUMB, EQUIDISTANT AND LESS THAN OR EQUAL TO 12" CENTERS.
5. IF WALL HEIGHT IS LESS THAN 12" MAX HEIGHT, WALL CAN BE POURED INTEGRALLY WHEN APPROVED BY THE ENGINEER. INTEGRAL WALLS DO NOT REQUIRE REINFORCEMENT.
6. WALL FACE AND TOP SHALL BE SEALED WITH A PENETRATING SEALER APPROVED BY THE ENGINEER.
7. CURB WALL SHALL BE PAID FOR BY THE SQUARE FOOT, MEASURED FROM TOP OF CURB WALL TO TOP OF SIDEWALK.
8. ALL CONCRETE USED SHALL BE CLASS 47B-3000.

SLOPE LEGEND

	SIDEWALK/TURNING SPACE AND RAMP CROSS SLOPE 1.5% TYPICAL, 2.0% MAX. SLOPE
	RAMP RUNNING SLOPE 8.0% TYPICAL, 8.3% MAX. SLOPE
	FLARE 90° TO RAMP 9.0% TYPICAL, 10.0% MAX. SLOPE

THE CONTRACTOR SHOULD ACCOUNT FOR CONSTRUCTION TOLERANCES TO PREVENT EXCEEDING THE MAXIMUM SLOPES. ANY SLOPES EXCEEDING THE MAXIMUMS SHALL NOT BE ACCEPTED WITHOUT PRIOR APPROVAL FROM THE ROADWAY DESIGN ENGINEER. AN EXCEPTION TO THIS IS THE TRANSITIONAL SEGMENT TO EXISTING SIDEWALK MUST CONNECT TO THE EXISTING SIDEWALK PANEL; THIS DOES NOT REQUIRE A STATEMENT OF TECHNICAL INFEASIBILITY. (REF. PROWAG CHAPTER R3 TECHNICAL REQUIREMENTS)

REV. NO.	DATE	DESCRIPTION OF REVISION
R4	MAY 24	ADDED CURB WALL DETAIL
R3	JAN 18	NDOR BORDER TO NDOT BORDER
R2	OCT 14	CHANGE PM TO RD ENGINEER

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 303-R4
CURB RAMPS

ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:

DATE

ORIGINAL:
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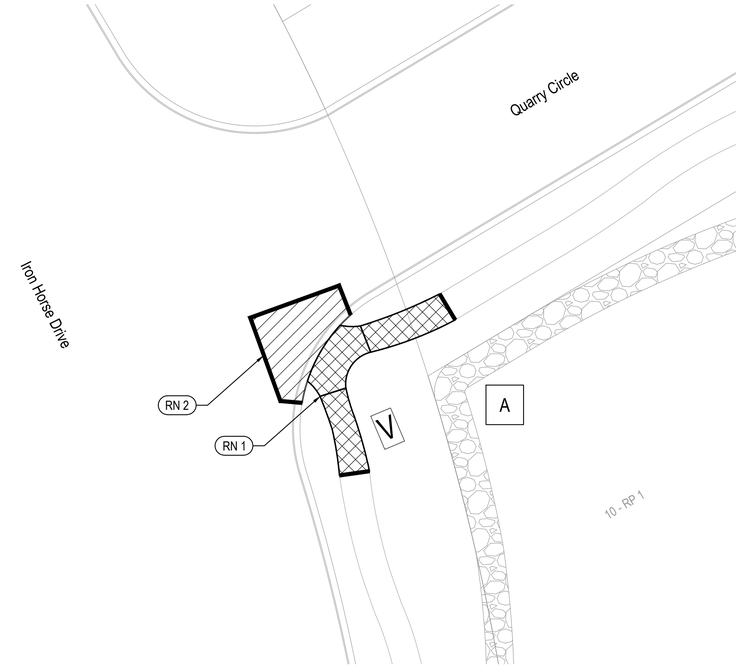
TYPE G CURB RAMP DETAIL

Revisions

No.	Date	Description
1	03/03/2026	Added NDOT standard Type "G" curb ramp detail sheet.

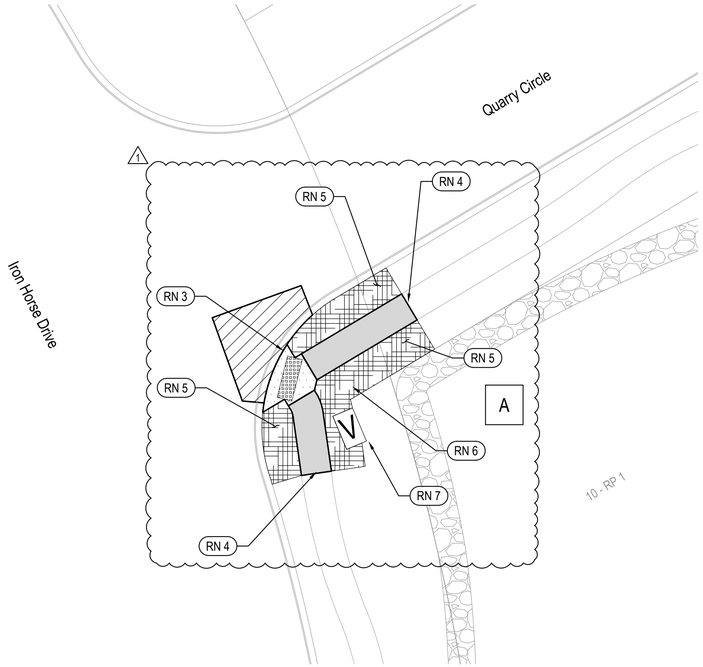
Proj No: P2006.056.031
Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/C.H.
Scale: N/A
Sheet: 2C of 14

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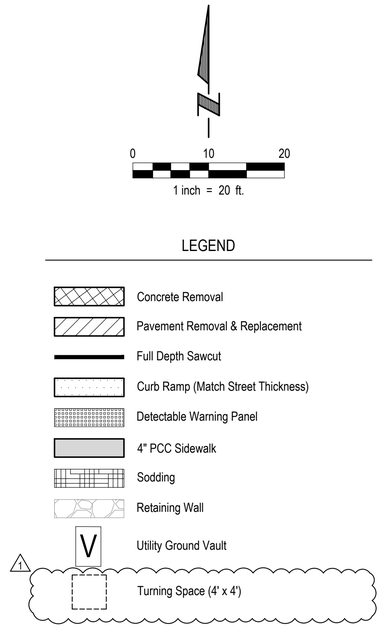
CURB RAMP AND SIDEWALK REMOVAL

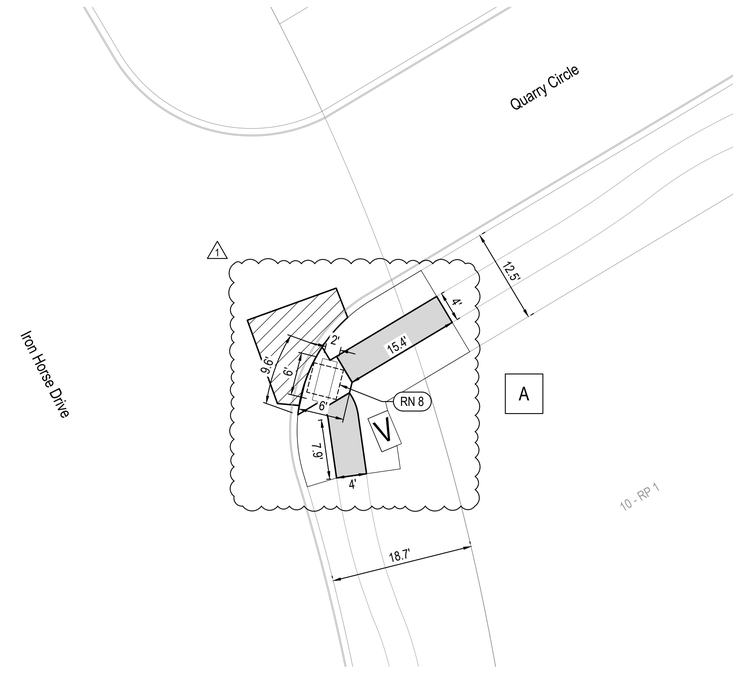
SCALE 1" = 20'



TYPE "G" CURB RAMP AND SIDEWALK CONSTRUCTION

SCALE 1" = 20'





CURB RAMP AND SIDEWALK GEOMETRICS

SCALE 1" = 20'

NO REFERENCE NOTES

RN 1 Remove existing curb ramp 43 SF, existing sidewalk, 85 SF, sawcut - full depth 8 LF.

1 RN 2 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 12 SY, sawcut full depth 31 LF.

RN 3 Construct type "G" curb ramp, 34 SF, with detectable warning panel 2' x 6', 12 SF. Ramp thickness to match adjacent roadway thickness.

RN 4 Construct 4" PCC sidewalk, 102 SF. Construct thickened edge at existing sidewalk.

RN 5 Install sodding, 22 SY. (Total this sheet)

RN 6 Adjust sprinklers, as needed, 1 EA. Contractor shall coordinate with the homeowner.

1 RN 7 Do not disturb utility vault.

RN 8 Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk, curb ramp, and trail construction is subsidiary to the sidewalk, curb ramp, and trail bid items.

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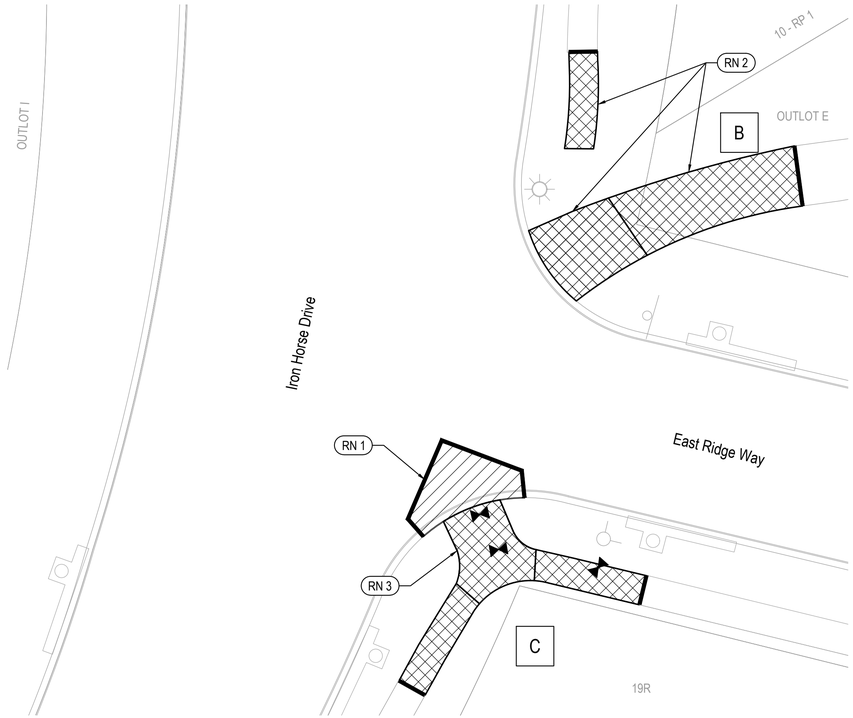
IRON HORSE DRIVE & QUARRY CIRCLE

PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
STATE OF NEBRASKA

Revisions		
	Date	Description
A	03/03/2026	Adjusted layout to better accommodate turning space.

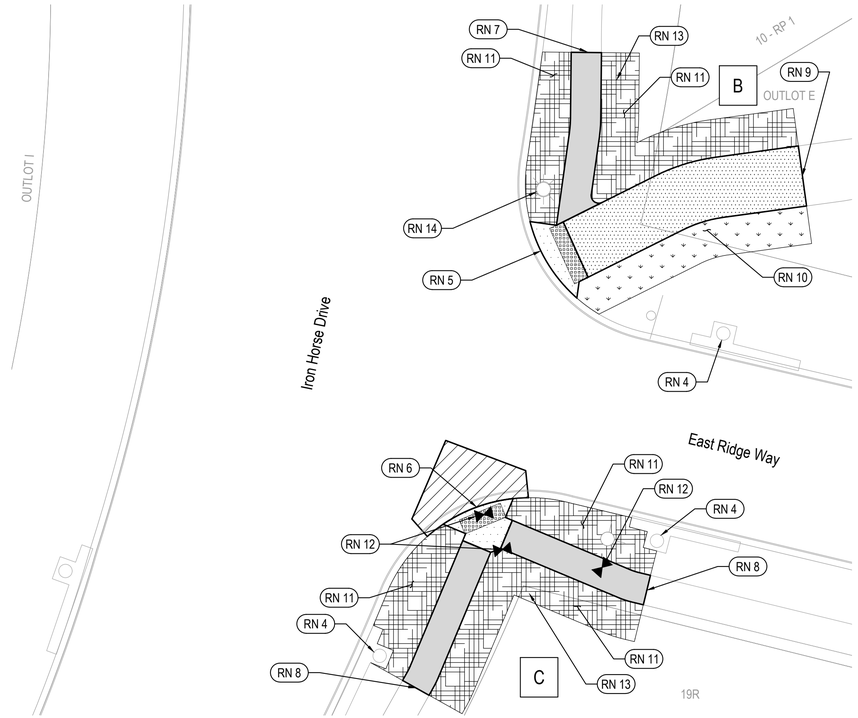
Proj No:	P2006.056.031
Date:	03/03/2026
Designed By:	TMW
Drawn By:	JMB/CJL
Scale:	AS SHOWN
Sheet:	3 of 14

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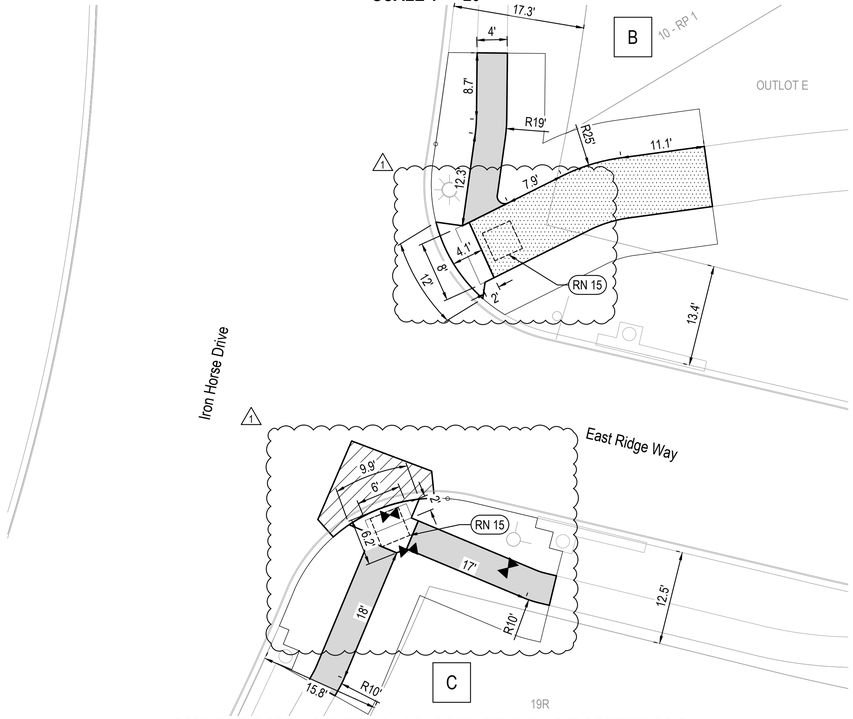
CURB RAMP, SIDEWALK, AND TRAIL REMOVAL

SCALE 1" = 20'



TYPE "G" CURB RAMP, SIDEWALK, AND TRAIL CONSTRUCTION

SCALE 1" = 20'



CURB RAMP, SIDEWALK, AND TRAIL GEOMETRICS

SCALE 1" = 20'

NO **REFERENCE NOTES**

RN 1 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 11 SY, sawcut full depth 29 LF

RN 2 Remove existing golf cart ramp 118 SF, existing sidewalk, 49 SF, and trail, 189 SF, sawcut - full depth 12 LF.

RN 3 Remove existing curb ramp 100 SF, existing sidewalk, 115 SF, sawcut - full depth 8 LF.

RN 4 Install curb inlet protection, 1 EA (3 total).

RN 5 Construct type "G" curb ramp, 37 SF, with a detectable warning panel 2' x 8', 16 SF. Ramp thickness to match adjacent roadway thickness.

RN 6 Construct type "G" curb ramp, 37 SF, with a detectable warning panel 2' x 6', 12 SF. Ramp thickness to match adjacent roadway thickness.

RN 7 Construct 4" PCC sidewalk, 88 SF. Construct thickened edge at existing sidewalk.

RN 8 Construct 4" PCC sidewalk, 161 SF. Construct thickened edge at existing sidewalk.

RN 9 Construct 6' PCC multi-use trail, 255 SF. Construct thickened edge at existing trail.

RN 10 Install seeding -Type A with erosion control matting - Type S-75, 18 SY. (Total this sheet)

RN 11 Install sodding, 79 SY. (Total this sheet)

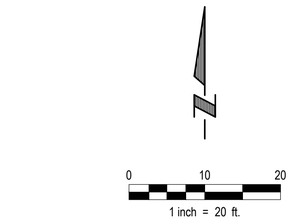
RN 12 Adjust water valve to grade, 1 EA (3 total).

RN 13 Adjust sprinklers, as needed, 1 EA (2 total). Contractor shall coordinate with the homeowner.

1 RN 14 Do not disturb light pole.

RN 15 Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk, curb ramp, and trail construction is subsidiary to the sidewalk, curb ramp, and trail bid items.



LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- 6" PCC Multi-use Trail
- Type "A" Seed with S-75 Matting
- Sodding
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- 1 Turning Space (4' x 4')

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IRON HORSE DRIVE & EAST RIDGE WAY

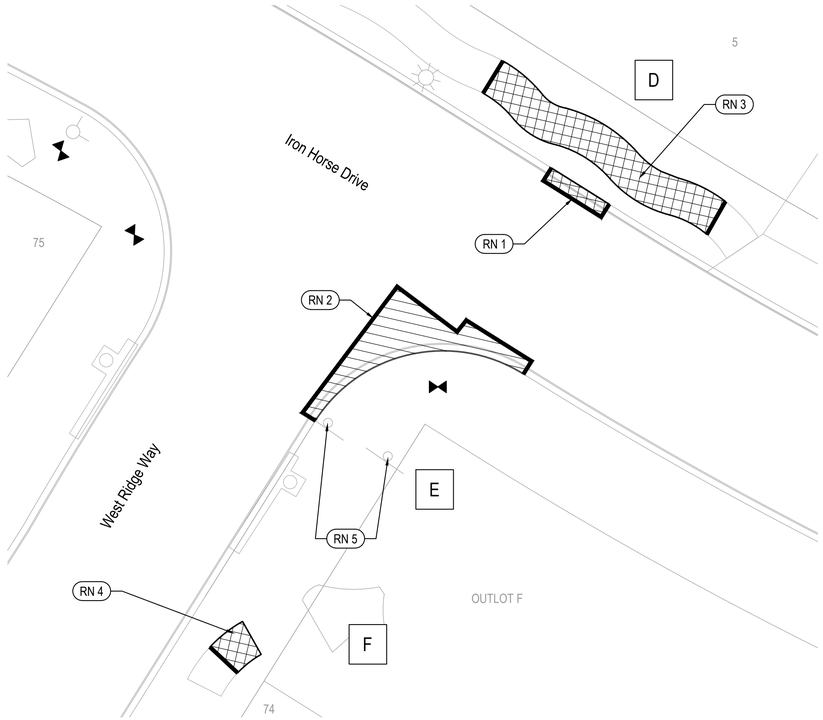
PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
3/3/2026
STATE OF NEBRASKA

Revisions		
No.	Date	Description
1	03/03/2026	Added turning spaces to geometrics plan.

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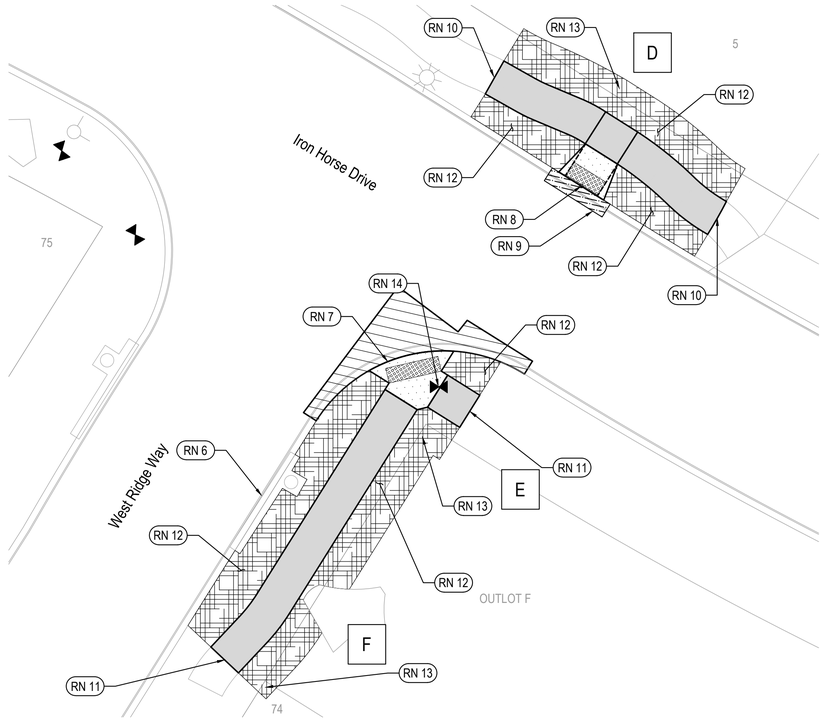
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Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: AS SHOWN
Sheet: 4 of 14

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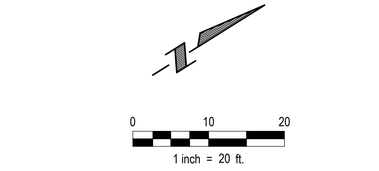
CURB RAMP AND SIDEWALK REMOVAL

SCALE 1" = 20'



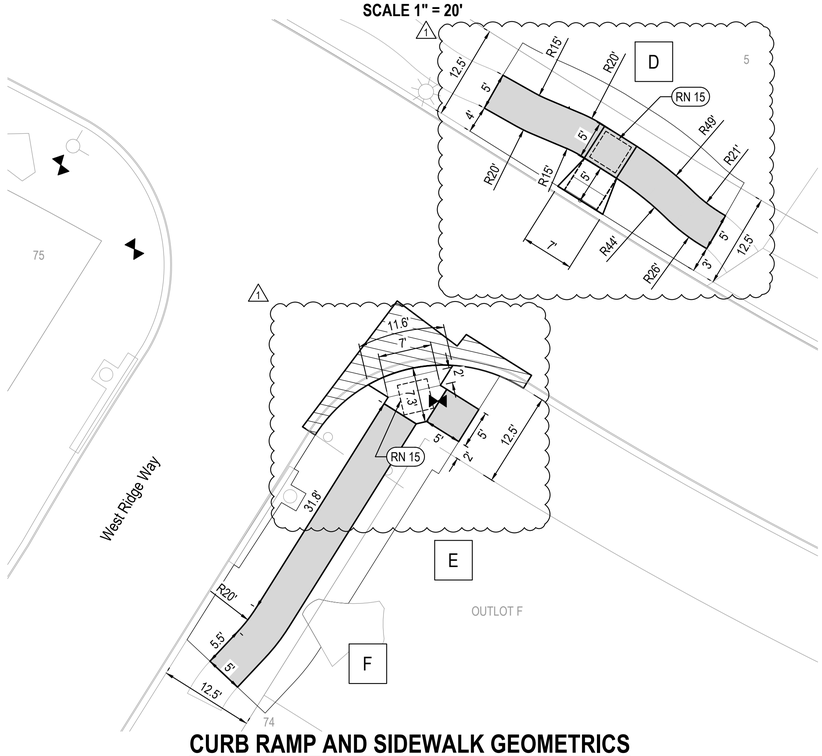
TYPE "G" & "F" CURB RAMP AND SIDEWALK CONSTRUCTION

SCALE 1" = 20'



LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Sodding
- Curb Drop
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- Turning Space (4' x 4')



CURB RAMP AND SIDEWALK GEOMETRICS

SCALE 1" = 20'

NO **REFERENCE NOTES**

RN 1 Remove combination curb and gutter, 9 LF, saw cut full depth, 13 LF.
RN 2 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 15 SY, sawcut full depth 47 LF
RN 3 Remove existing sidewalk, 177 SF, saw cut full depth, 10 LF.
RN 4 Remove existing sidewalk, 24 SF, saw cut full depth, 5 LF.
RN 5 Remove and relocate sign, 1 EA (2 total).
RN 6 Install curb inlet protection, 1 EA.
RN 7 Construct type "G" curb ramp, 50 SF, with a detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
RN 8 Construct type "F" curb ramp, 30 SF, with detectable warning panel 2' x 5', 10 SF. Ramp thickness to match adjacent roadway thickness.
RN 9 Construct combination curb and gutter, 9 LF. Curb drop is subsidiary to construction of curb and gutter.
RN 10 Construct 4" PCC sidewalk, 175 SF. Construct thickened edge at existing sidewalk.
RN 11 Construct 4" PCC sidewalk, 233 SF. Construct thickened edge at existing sidewalk.
RN 12 Install sodding, 80 SY. (Total this sheet)
RN 13 Adjust sprinklers, as needed, 1 EA (3 total). Contractor shall coordinate with the homeowner.
1 RN 14 Adjust water valve to grade, 1 EA.
RN 15 Turning space (4' x 4').
Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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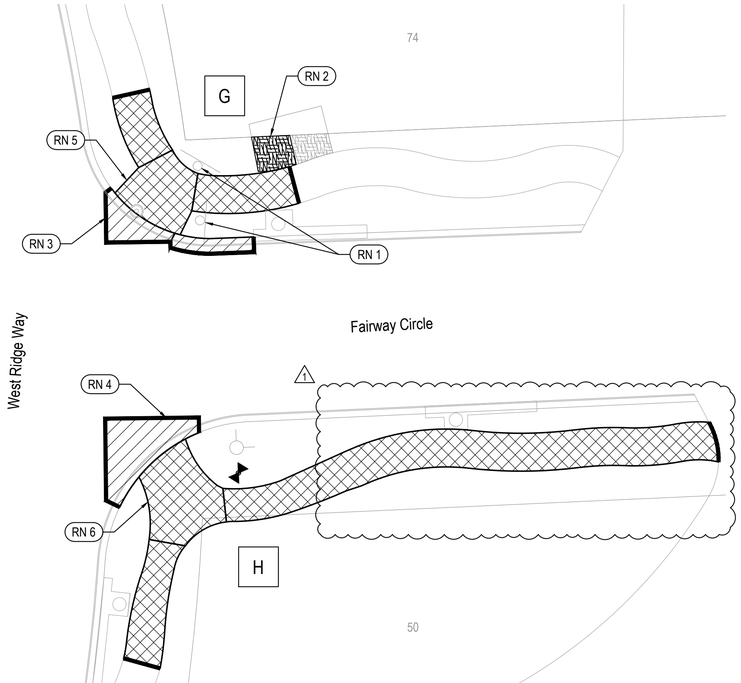
IRON HORSE DRIVE & WEST RIDGE WAY

PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15788
STATE OF NEBRASKA

	Revisions		
	Description	Date	
1	Added turning spaces to geometrics plan.	03/03/2026	

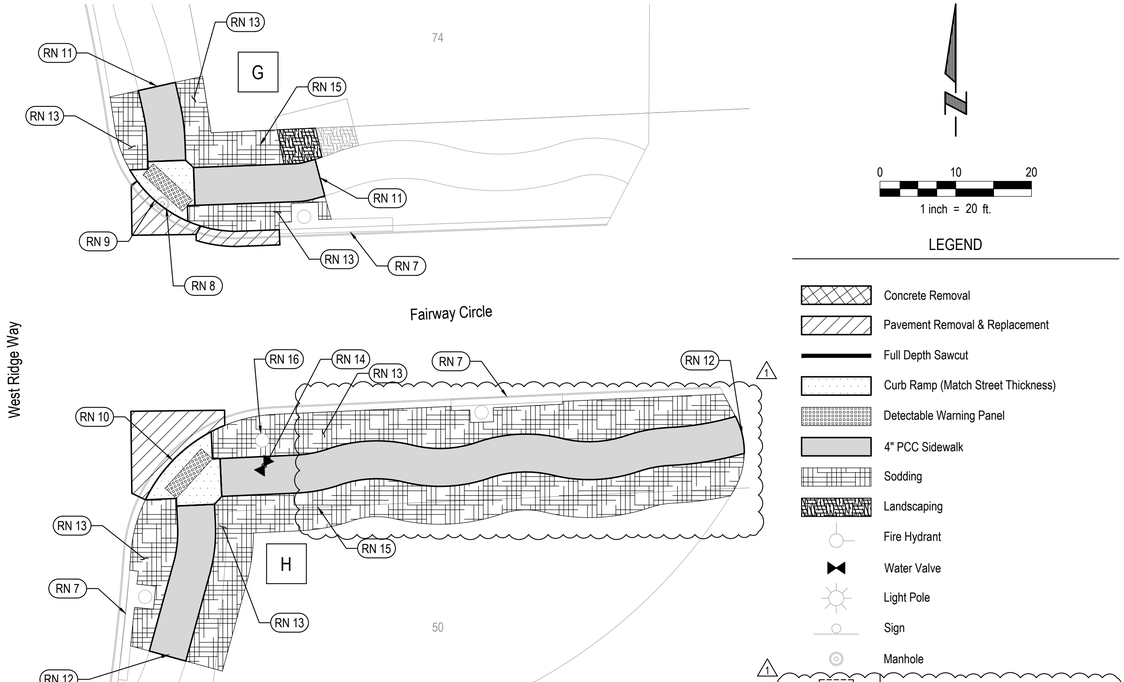
Proj No: P20060.056.031
Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: AS SHOWN
Sheet: 5 of 14

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CURB RAMP AND SIDEWALK REMOVAL

SCALE 1" = 20'

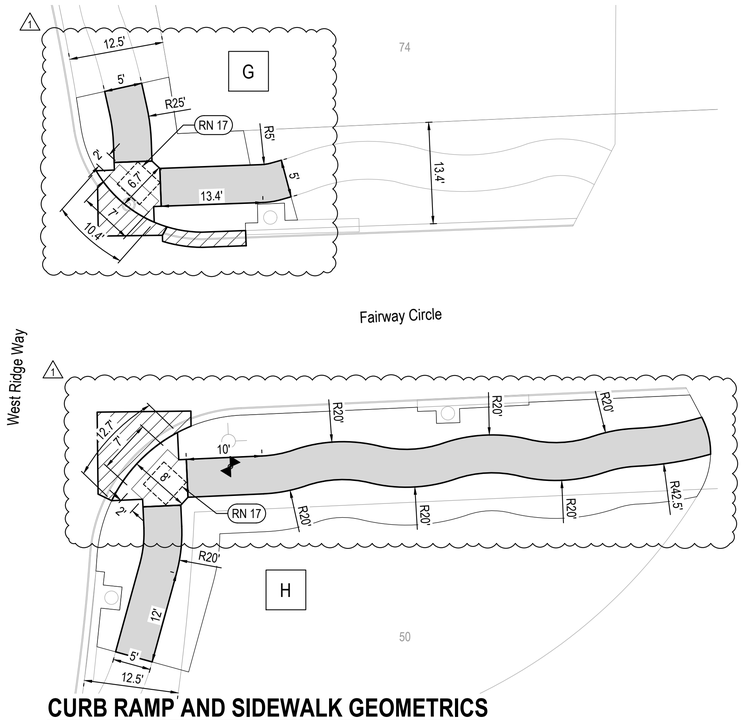


TYPE "G" CURB RAMP AND SIDEWALK CONSTRUCTION

SCALE 1" = 20'

LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Sodding
- Landscaping
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- Manhole
- 1 Turning Space (4' x 4')



CURB RAMP AND SIDEWALK GEOMETRICS

SCALE 1" = 20'

NO REFERENCE NOTES

- RN 1 Remove and relocate sign, 1 EA (2 total).
- RN 2 Remove and relocate landscaping, 1 LS.
- RN 3 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 4 SY, sawcut full depth 17 LF
- RN 4 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 9 SY, sawcut full depth 27 LF
- 1 RN 5 Remove existing curb ramp 71 SF, existing sidewalk, 113 SF, sawcut - full depth 10 LF.
- RN 6 Remove existing curb ramp 101 SF, existing sidewalk, 395 SF, sawcut - full depth 10 LF.
- RN 7 Install curb inlet protection, 1 EA (3 total).
- RN 8 Adjust manhole to grade, 1 EA.
- RN 9 Construct type "G" curb ramp, 42 SF, with a detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
- RN 10 Construct type "G" curb ramp, 58 SF, with a detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
- 1 RN 11 Construct 4" PCC sidewalk, 133 SF. Construct thickened edge at existing sidewalk.
- RN 12 Construct 4" PCC sidewalk, 450 SF. Construct thickened edge at existing sidewalk.
- RN 13 Install sodding, 110 SY. (Total this sheet)
- RN 14 Adjust water valve to grade, 1 EA.
- RN 15 Adjust sprinklers, as needed, 1 EA (2 total). Contractor shall coordinate with the homeowner.
- 1 RN 16 Do not disturb fire hydrant.
- RN 17 Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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2025 SIDEWALK & CURB RAMPS

SID 9

SAUNDERS & CASS COUNTY, NEBRASKA

WEST RIDGE WAY & FAIRWAY CIRCLE

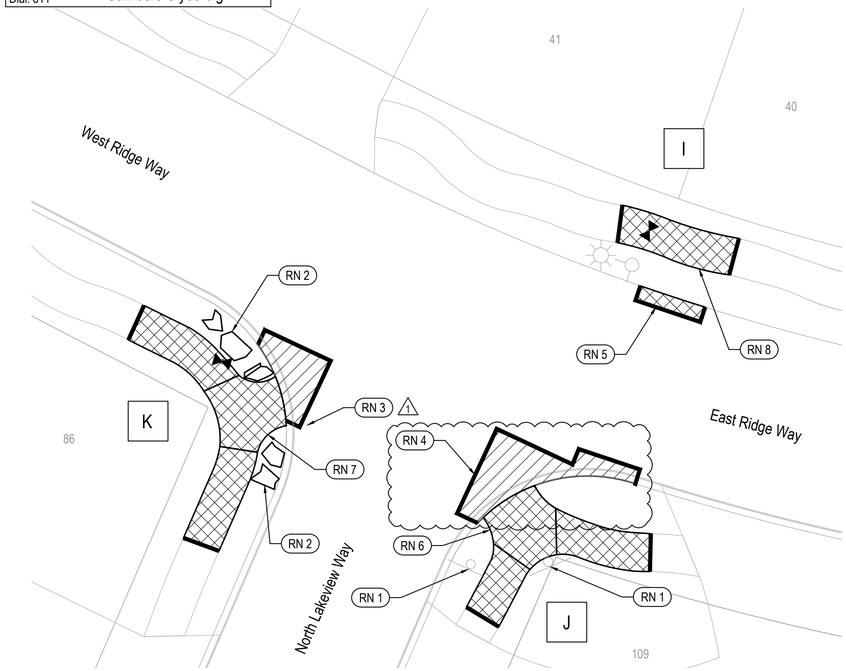
PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
STATE OF NEBRASKA

Revisions			
No.	Date	Description	
1	03/03/2026	Added additional sidewalk and turning spaces to geometrics plan.	

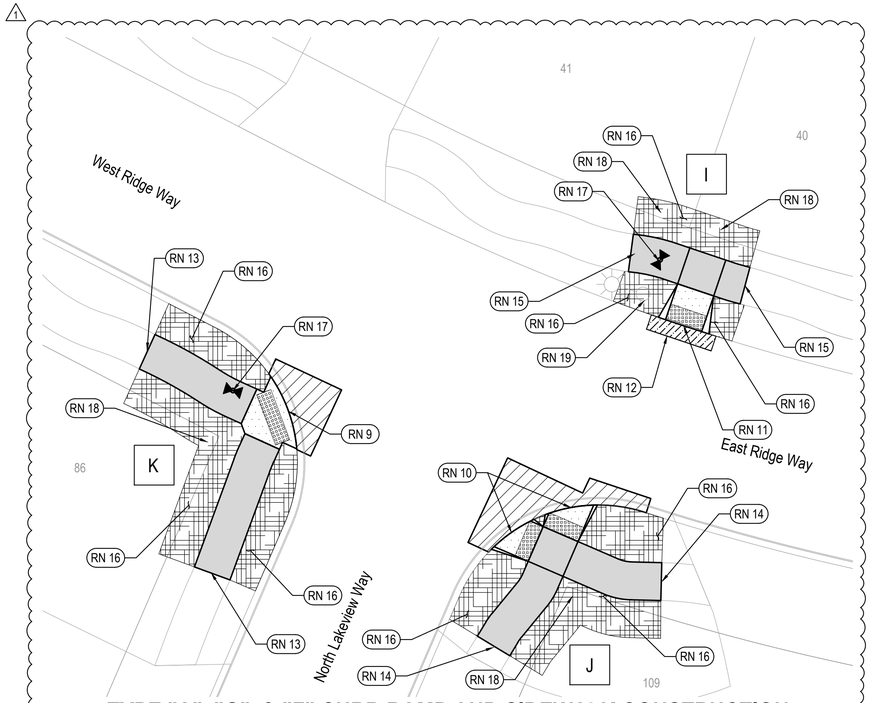
Proj No:	P2006.066.031
Date:	03/03/2026
Designed By:	TMW
Drawn By:	JMB/CJL
Scale:	AS SHOWN
Sheet:	6 of 14

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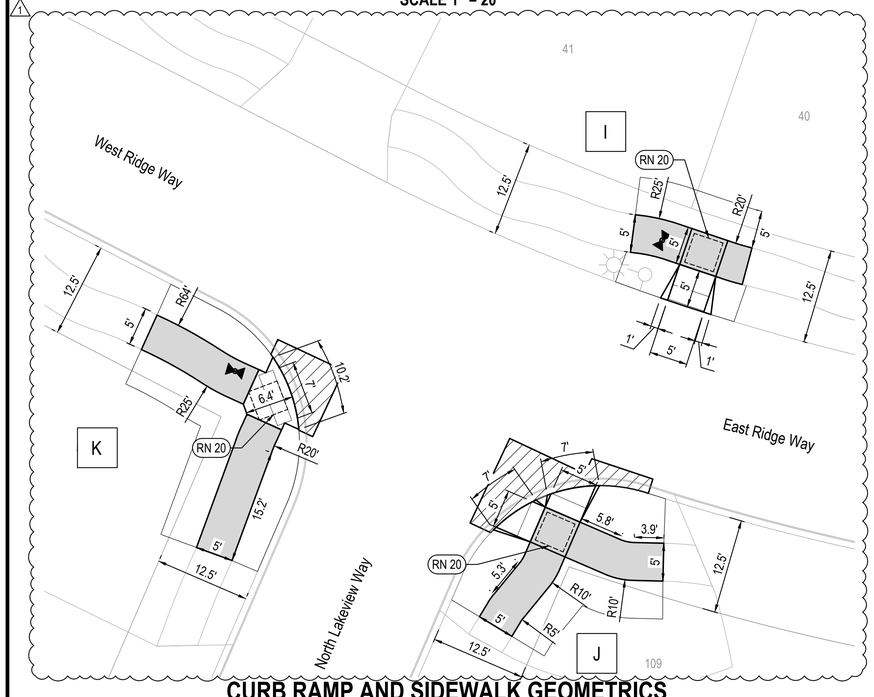
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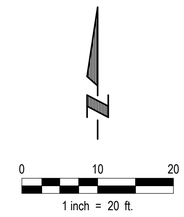
CURB RAMP AND SIDEWALK REMOVAL
SCALE 1" = 20'



TYPE "A", "G", & "F" CURB RAMP AND SIDEWALK CONSTRUCTION
SCALE 1" = 20'



CURB RAMP AND SIDEWALK GEOMETRICS
SCALE 1" = 20'



LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Sodding
- Curb Drop
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- Turning Space (4' x 4')

NO REFERENCE NOTES

RN 1 Remove and relocate sign, 1 EA (2 total).
RN 2 Remove and relocate landscaping, 1 LS.
1 RN 3 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 7 SY, sawcut full depth 23 LF
RN 4 Remove and replace existing pavement including NDOT Type A Curb Ramp Transition, 12 SY, sawcut full depth 39 LF
RN 5 Remove curb and gutter, 9 LF, saw cut full depth, 13 LF.
RN 6 Remove existing curb ramp 69 SF, existing sidewalk, 109 SF, sawcut - full depth 10 LF.
RN 7 Remove existing curb ramp 75 SF, existing sidewalk, 137 SF, sawcut - full depth 10 LF.
1 RN 8 Remove existing sidewalk, 78 SF, saw cut full depth, 10 LF.
RN 9 Construct type "G" curb ramp, 41 SF, with a detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
RN 10 Construct type "A" curb ramp, 39 SF, with a detectable warning panel 2' x 5', 20 SF. Ramp thickness to match adjacent roadway thickness.
RN 11 Construct type "F" curb ramp, 30 SF, with a detectable warning panel 2' x 5', 10 SF. Ramp thickness to match adjacent roadway thickness.
1 RN 12 Construct combination curb and gutter, 9 LF. Curb drop is subsidiary to construction of curb and gutter.
RN 13 Construct 4" PCC sidewalk, 170 SF. Construct thickened edge at existing sidewalk.
RN 14 Construct 4" PCC sidewalk, 149 SF. Construct thickened edge at existing sidewalk.
RN 15 Construct 4" PCC sidewalk, 78 SF. Construct thickened edge at existing sidewalk.
RN 16 Install sodding, 74 SY. (Total this sheet)
RN 17 Adjust water valve to grade, 1 EA (2 total).
RN 18 Adjust sprinklers, as needed, 1 EA (4 total). Contractor shall coordinate with the homeowner.
1 RN 19 Do not disturb fire hydrant.
RN 20 Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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IRONHORSE
2025 SIDEWALK & CURB RAMPS
SID 9
SAUNDERS & CASS COUNTY, NEBRASKA

WEST RIDGE WAY & NORTH LAKEVIEW WAY

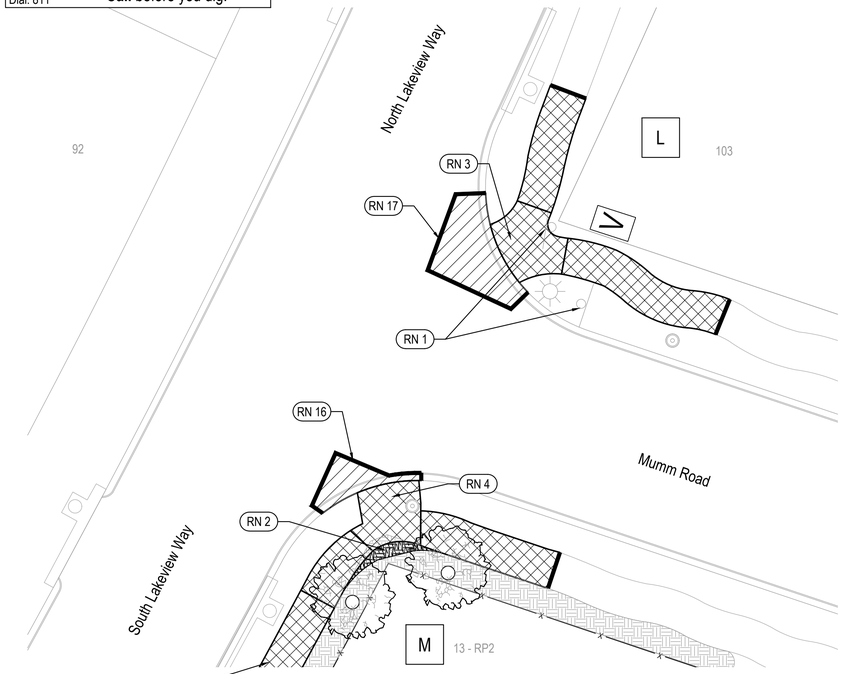
PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
STATE OF NEBRASKA

No.	Date	Revisions Description
1	03/03/2026	Adjusted layout for curb ramps I/K, and added turning spaces to geometrics plan.

Proj No: P2006.056.031
Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: AS SHOWN
Sheet: 7 of 14

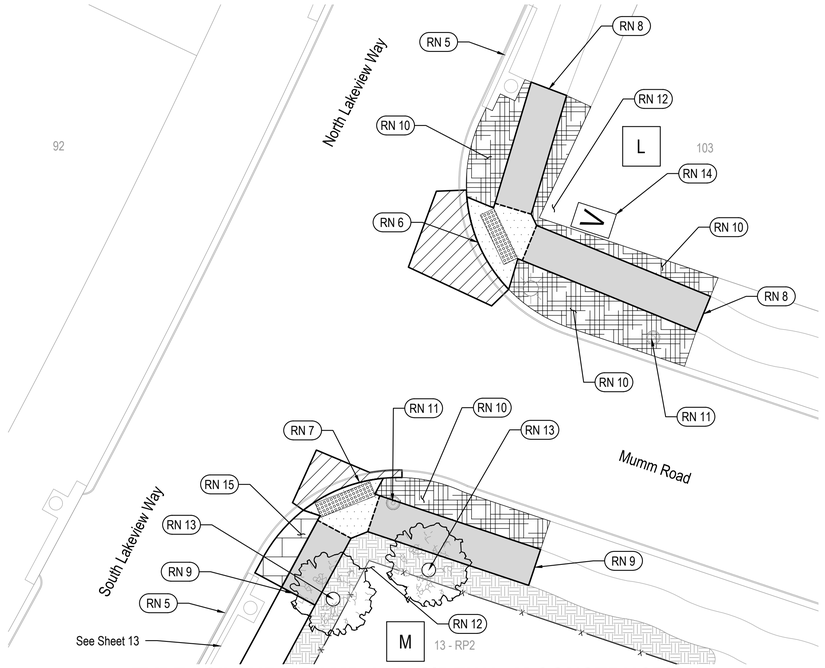
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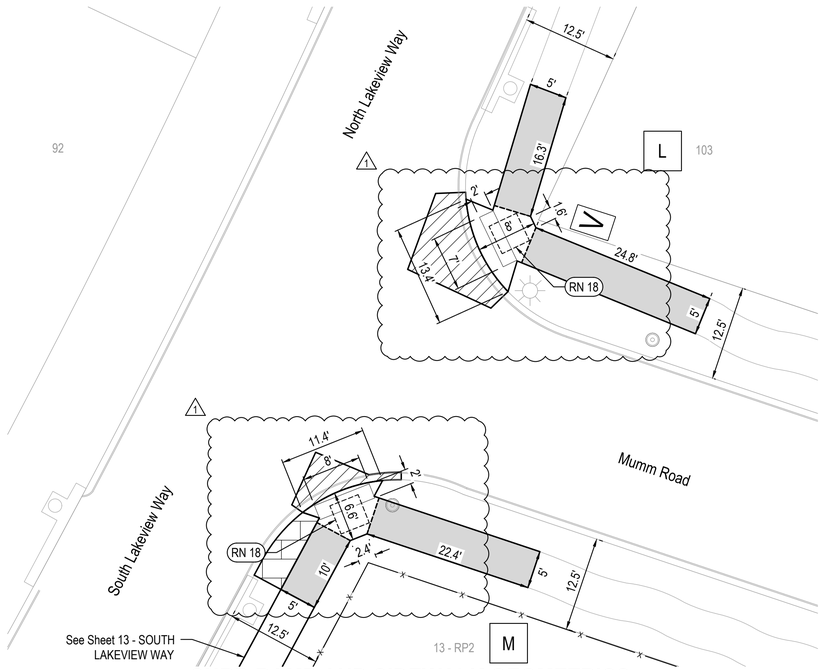
CURB RAMP AND SIDEWALK REMOVAL

SCALE 1" = 20'



TYPE "G" CURB RAMP AND SIDEWALK CONSTRUCTION

SCALE 1" = 20'



CURB RAMP AND SIDEWALK GEOMETRICS

SCALE 1" = 20'

0 10 20

1 inch = 20 ft.

LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Sodding
- Landscaping
- Fence
- Utility Ground Vault
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- Manhole
- Turning Space (4' x 4')

REFERENCE NOTES

NO	
RN 1	Remove and relocate sign, 1 EA (2 total).
RN 2	Remove and relocate landscaping, 1 LS.
RN 3	Remove existing curb ramp 69 SF, existing sidewalk, 191 SF, sawcut - full depth 10 LF.
RN 4	Remove existing curb ramp 62 SF, existing sidewalk, 137 SF, sawcut - full depth 5 LF.
RN 5	Install curb inlet protection, 1 EA (2 total).
RN 6	Construct Type G curb ramp, 60 SF, with detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
RN 7	Construct Type G curb ramp, 46 SF, with detectable warning panel 2' x 8', 16 SF. Ramp thickness to match adjacent roadway thickness.
RN 8	Construct 4" PCC sidewalk, 206 SF. Construct thickened edge at existing sidewalk.
RN 9	Construct 4" PCC sidewalk, 162 SF. Construct thickened edge at existing sidewalk.
RN 10	Install sodding, 42 SY (Total this sheet).
RN 11	Adjust manhole to grade, 1 EA (2 total).
RN 12	Adjust sprinklers, as needed, 1 EA (2 total). Contractor shall coordinate with the homeowner.
RN 13	Protect tree, 1 EA (2 total).
RN 14	Do not disturb utility vault.
RN 15	Construct imprinted surfacing, 37 SF.
RN 16	Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 5 SY, sawcut full depth 22 LF.
1 RN 17	Remove and replace existing pavement including NDOT Type G Curb Ramp Transition 11 SY, sawcut full depth 30 LF.
RN 18	Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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IRONHORSE
2025 SIDEWALK & CURB RAMPS
SID 9
SAUNDERS & CASS COUNTY, NEBRASKA

NORTH LAKEVIEW WAY & MUMM ROAD

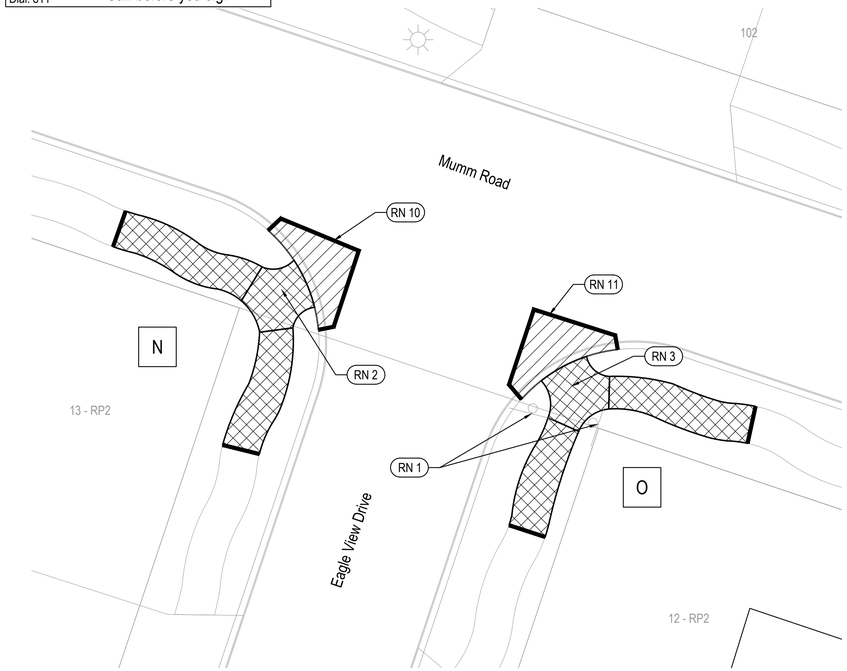
PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
STATE OF NEBRASKA

Revisions		
No.	Date	Description
1	03/03/2026	Added turning spaces to geometrics plan.

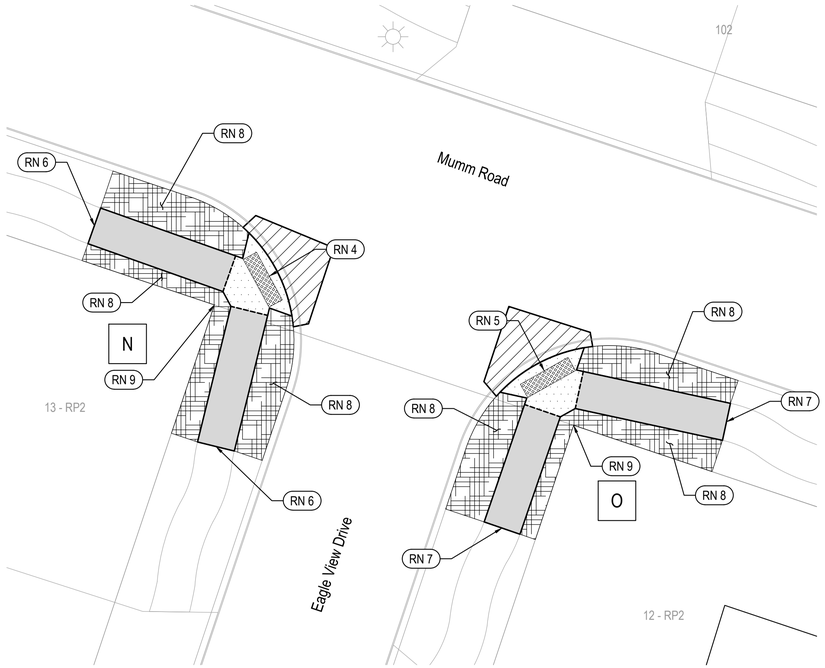
Proj No: P2006.056.031
Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: AS SHOWN
Sheet: 8 of 14

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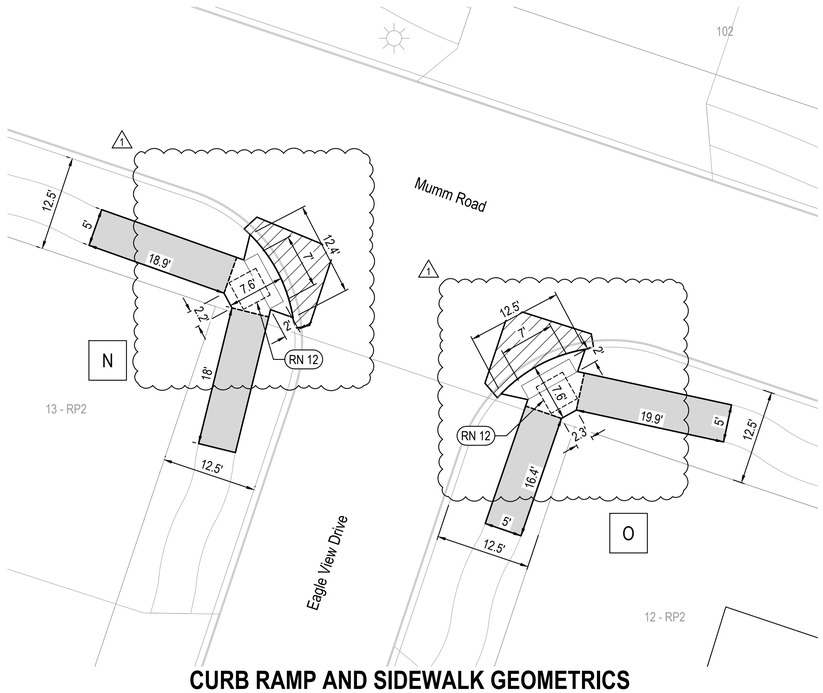
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CURB RAMP AND SIDEWALK REMOVAL
SCALE 1" = 20'



TYPE "G" CURB RAMP AND SIDEWALK CONSTRUCTION
SCALE 1" = 20'



CURB RAMP AND SIDEWALK GEOMETRICS
SCALE 1" = 20'

REFERENCE NOTES

NO

RN 1 Remove and relocate sign, 1 EA (2 total).

RN 2 Remove existing curb ramp 58 SF, existing sidewalk, 176 SF, sawcut - full depth 10 LF.

RN 3 Remove existing curb ramp 56 SF, existing sidewalk, 166 SF, sawcut - full depth 10 LF.

RN 4 Construct Type G curb ramp, 56 SF, with detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.

RN 5 Construct Type G curb ramp, 57 SF, with detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.

RN 6 Construct 4" PCC sidewalk, 187 SF. Construct thickened edge at existing sidewalk.

RN 7 Construct 4" PCC sidewalk, 181 SF. Construct thickened edge at existing sidewalk.

RN 8 Install sodding, 61 SY. (Total this sheet)

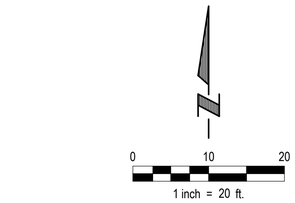
RN 9 Adjust sprinklers, as needed, 1 EA (2 total). Contractor shall coordinate with the homeowner.

RN 10 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 9 SY, sawcut full depth 26 LF

RN 11 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 9 SY, sawcut full depth 26 LF

1 RN 12 Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.



LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Sodding
- Light Pole
- Sign
- 1 Turning Space (4' x 4')

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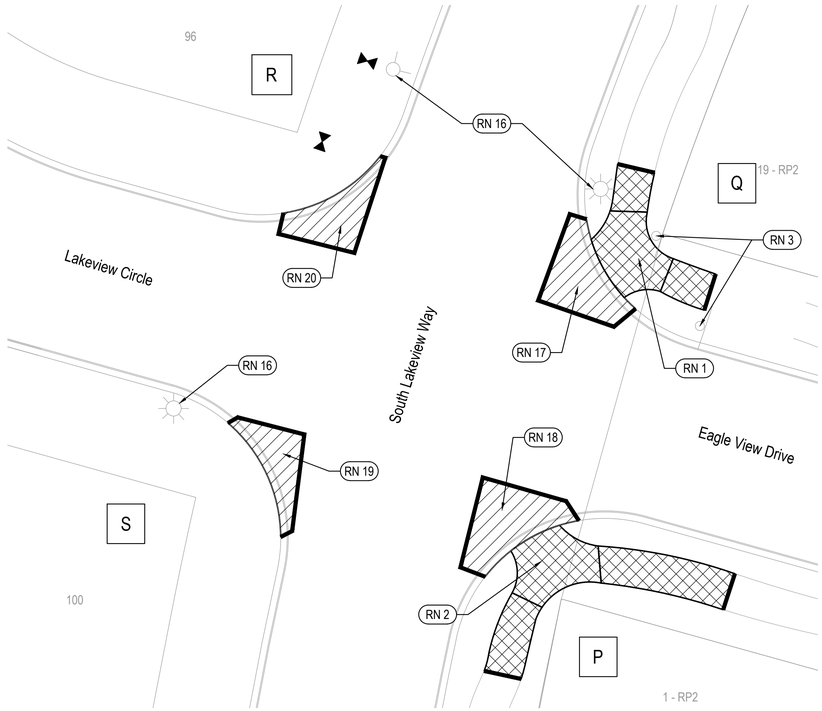
MUMM ROAD & EAGLE VIEW DRIVE

PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
STATE OF NEBRASKA

No.	Date	Revisions Description
1	03/03/2026	Added turning spaces to geometrics plan.

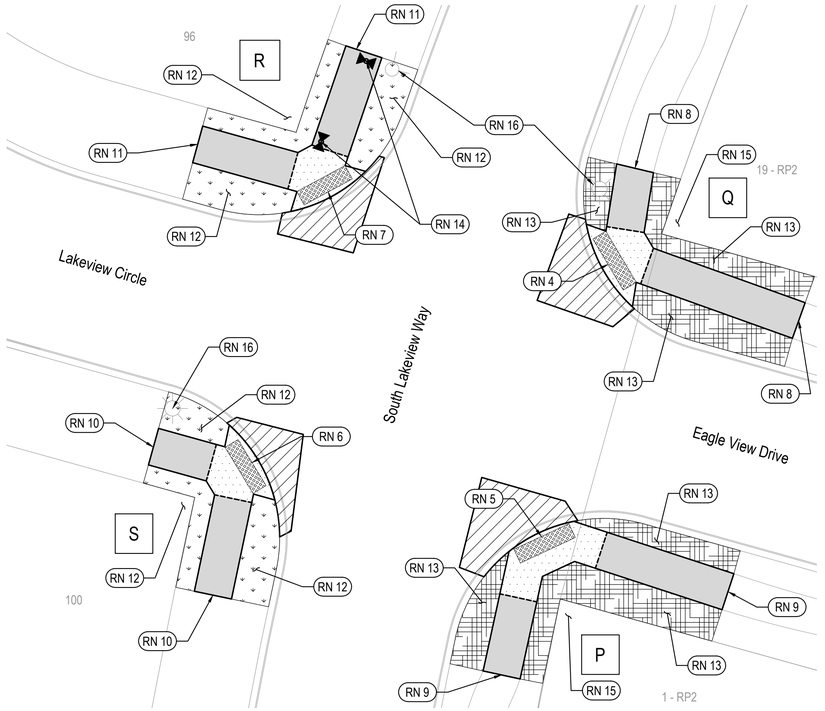
Proj No:	P2006.056.031
Date:	03/03/2026
Designed By:	TMW
Drawn By:	JMB/CJL
Scale:	AS SHOWN
Sheet:	9 of 14

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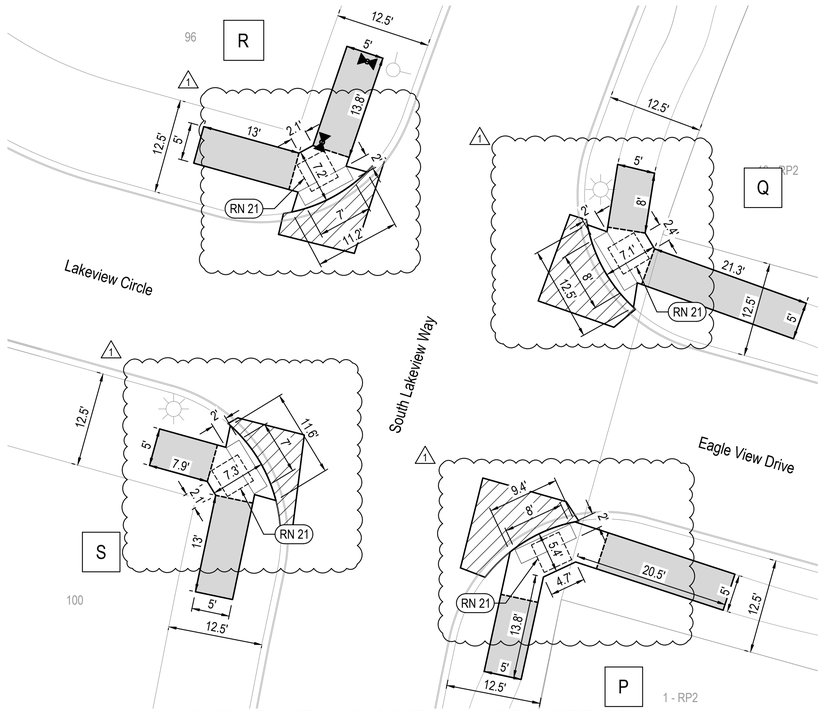
CURB RAMP AND SIDEWALK REMOVAL

SCALE 1" = 20'



TYPE "G" CURB RAMP AND SIDEWALK CONSTRUCTION

SCALE 1" = 20'



CURB RAMP AND SIDEWALK GEOMETRICS

SCALE 1" = 20'

0 10 20

1 inch = 20 ft.

LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Type "A" Seed with S-75 Matting
- Sodding
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- 1 Turning Space (4' x 4')

NO **REFERENCE NOTES**

RN 1 Remove existing curb ramp 77 SF, existing sidewalk, 58 SF, sawcut - full depth 10 LF.
RN 2 Remove existing curb ramp 81 SF, existing sidewalk, 137 SF, sawcut - full depth 10 LF.
RN 3 Remove and relocate street sign, 1 EA (2 total).
RN 4 Construct Type G curb ramp, 53 SF, with detectable warning panel 2' x 8', 16 SF. Ramp thickness to match adjacent roadway thickness.
RN 5 Construct Type G curb ramp, 79 SF, with detectable warning panel 2' x 8', 16 SF. Ramp thickness to match adjacent roadway thickness.
RN 6 Construct Type G curb ramp, 52 SF, with detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
RN 7 Construct Type G curb ramp, 51 SF, with detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
RN 8 Construct 4" PCC sidewalk, 147 SF. Construct thickened edge at existing sidewalk.
RN 9 Construct 4" PCC sidewalk, 140 SF. Construct thickened edge at existing sidewalk.
RN 10 Construct 4" PCC sidewalk, 105 SF. Construct thickened edge at existing sidewalk.
RN 11 Construct 4" PCC sidewalk, 134 SF. Construct thickened edge at existing sidewalk.
RN 12 Install seeding - Type A with erosion control matting - Type S-75, 40 SY. (Total this sheet)
RN 13 Install sodding, 52 SY. (Total this sheet)
RN 14 Adjust water valve to grade, 1 EA (2 total).
RN 15 Adjust sprinklers, as needed, 1 EA (2 total). Contractor shall coordinate with the homeowner.
RN 16 Do not disturb.
RN 17 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 10 SY, sawcut full depth 29 LF
RN 18 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 11 SY, sawcut full depth 30 LF
RN 19 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 7 SY, sawcut full depth 25 LF
1 RN 20 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 8 SY, sawcut full depth 27 LF
RN 21 Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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IRONHORSE

2025 SIDEWALK & CURB RAMPS

SID 9

SAUNDERS & CASS COUNTY, NEBRASKA

EAGLE VIEW DRIVE & SOUTH LAKEVIEW WAY

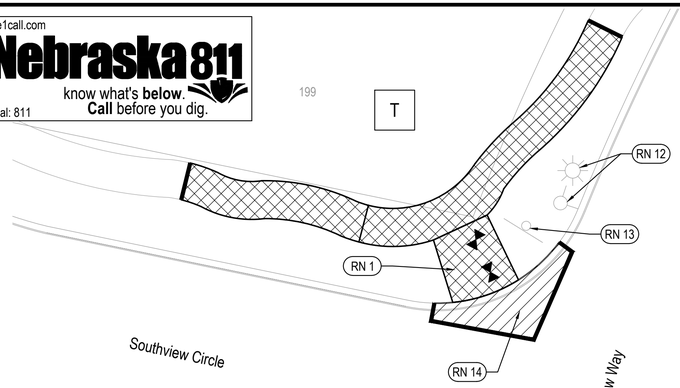
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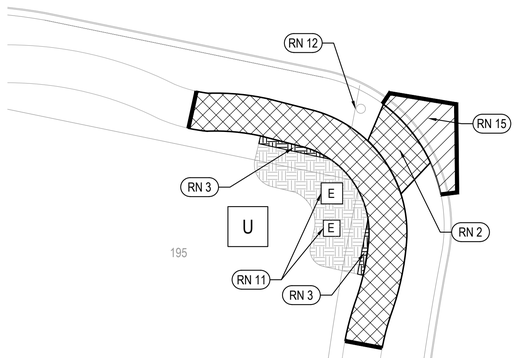
No.	Revisions	Date
1	Added turning spaces to geometrics plan.	03/03/2026

Proj No: P2006.066.031
Date: 03/03/2026
Designed By: TMW
Drawn By: JMB/CJL
Scale: AS SHOWN
Sheet: 10 of 14

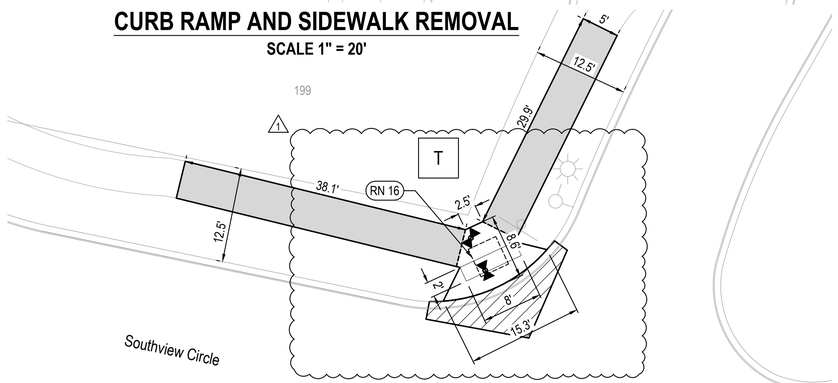
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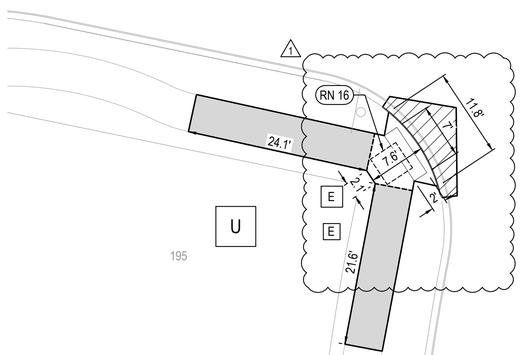
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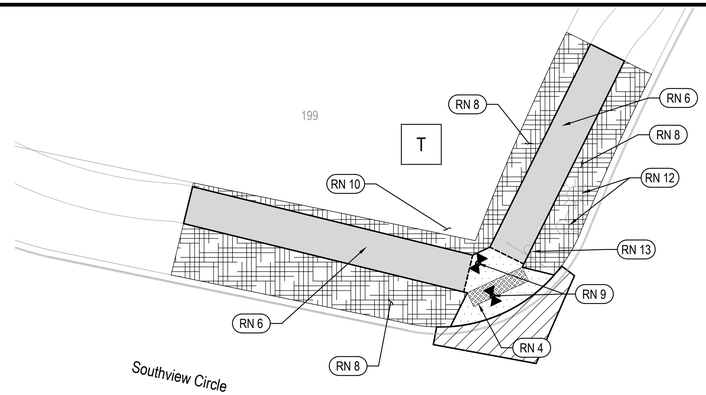


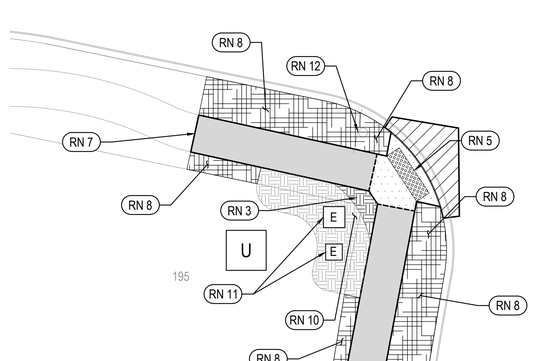
CURB RAMP AND SIDEWALK REMOVAL
SCALE 1" = 20'



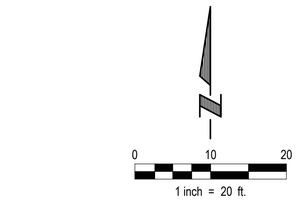


CURB RAMP AND SIDEWALK GEOMETRICS
SCALE 1" = 20'





TYPE "G" CURB RAMP AND SIDEWALK CONSTRUCTION
SCALE 1" = 20'



LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Sodding
- Landscaping
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- E — Electric Pedestal
- 1 — Turning Space (4' x 4')

NO **REFERENCE NOTES**

RN 1 Remove existing curb ramp 80 SF, existing sidewalk, 343 SF, sawcut - full depth 10 LF.
RN 2 Remove existing curb ramp 47 SF, existing sidewalk, 246 SF, sawcut - full depth 10 LF.
RN 3 Remove and relocate landscaping, 1 LS.
RN 4 Construct Type G curb ramp, 73 SF, with detectable warning panel 2' x 8', 16 SF. Ramp thickness to match adjacent roadway thickness.
RN 5 Construct Type G curb ramp, 55 SF, with detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
RN 6 Construct 4" PCC sidewalk, 340 SF. Construct thickened edge at existing sidewalk.
RN 7 Construct 4" PCC sidewalk, 228 SF. Construct thickened edge at existing sidewalk.
RN 8 Install sodding, 88 SY.
RN 9 Adjust water valve to grade, 1 EA (2 total).
RN 10 Adjust sprinklers, as needed, 1 EA (2 total). Contractor shall coordinate with the homeowner.
RN 11 Do not disturb electric pedestals.
RN 12 Do not disturb.
RN 13 Remove and relocate sign
RN 14 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 11 SY, sawcut full depth 31 LF
1 RN 15 Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 7 SY, sawcut full depth 24 LF
RN 16 Turning space (4' x 4').
Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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IRONHORSE
2025 SIDEWALK & CURB RAMPS
SID 9
SAUNDERS & CASS COUNTY, NEBRASKA

SOUTH LAKEVIEW WAY & SOUTHVIEW CIRCLE

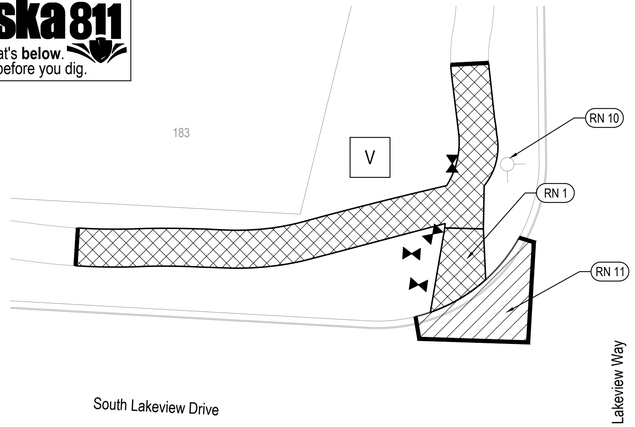
PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
STATE OF NEBRASKA

No.	Revisions	Description	Date
1		Added turning spaces to geometrics plan.	03/03/2026

Prog No: P2006.056.031
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Sheet: 11 of 14

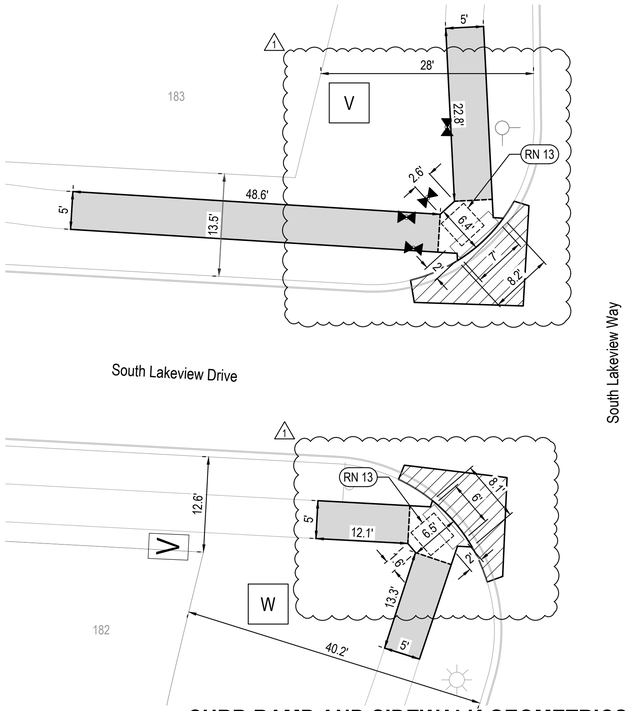
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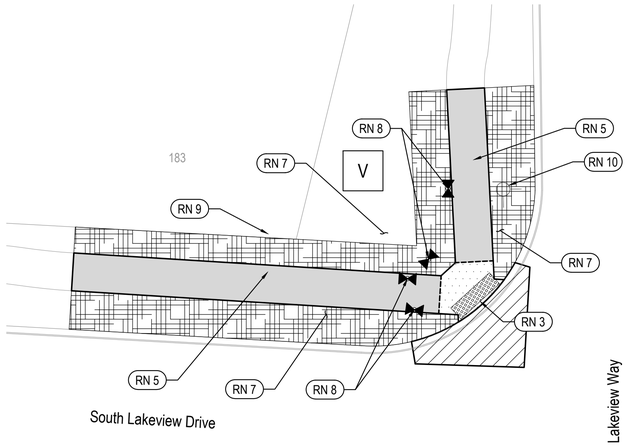
CURB RAMP AND SIDEWALK REMOVAL

SCALE 1" = 20'



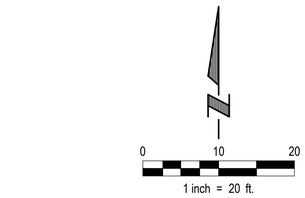
CURB RAMP AND SIDEWALK GEOMETRICS

SCALE 1" = 20'



TYPE "G" CURB RAMP AND SIDEWALK CONSTRUCTION

SCALE 1" = 20'



LEGEND

- Concrete Removal
- Pavement Removal & Replacement
- Full Depth Sawcut
- Curb Ramp (Match Street Thickness)
- Detectable Warning Panel
- 4" PCC Sidewalk
- Sodding
- Fire Hydrant
- Water Valve
- Light Pole
- Sign
- V — Ground Utility Vault
- 1 — Turning Space (4' x 4')

REFERENCE NOTES

NO	
RN 1	Remove existing curb ramp 56 SF, existing sidewalk, 356 SF, sawcut - full depth 10 LF.
RN 2	Remove existing curb ramp 59 SF, existing sidewalk, 121 SF, sawcut - full depth 10 LF.
RN 3	Construct Type G Curb Ramp, 45 SF, with detectable warning panel 2' x 7', 14 SF. Ramp thickness to match adjacent roadway thickness.
RN 4	Construct Type G Curb Ramp, 43 SF, with detectable warning panel 2' x 6', 12 SF. Ramp thickness to match adjacent roadway thickness.
RN 5	Construct 4" PCC sidewalk, 357 SF. Construct thickened edge at existing sidewalk.
RN 6	Construct 4" PCC sidewalk, 125 SF. Construct thickened edge at existing sidewalk.
RN 7	Install sodding, 104 SY. (Total this sheet)
RN 8	Adjust water valve to grade, 1 EA (4 total).
RN 9	Adjust sprinklers, as needed, 1 EA (2 total). Contractor shall coordinate with the homeowner.
RN 10	Do not disturb
RN 11	Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 13 SY, sawcut full depth 33 LF
RN 12	Remove and replace existing pavement including NDOT Type G Curb Ramp Transition, 11 SY, sawcut full depth 31 LF
1 RN 13	Turning space (4' x 4').

Note: All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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IRONHORSE

2025 SIDEWALK & CURB RAMPS

SID 9

SAUNDERS & CASS COUNTY, NEBRASKA

SOUTH LAKEVIEW WAY & SOUTH LAKEVIEW DRIVE

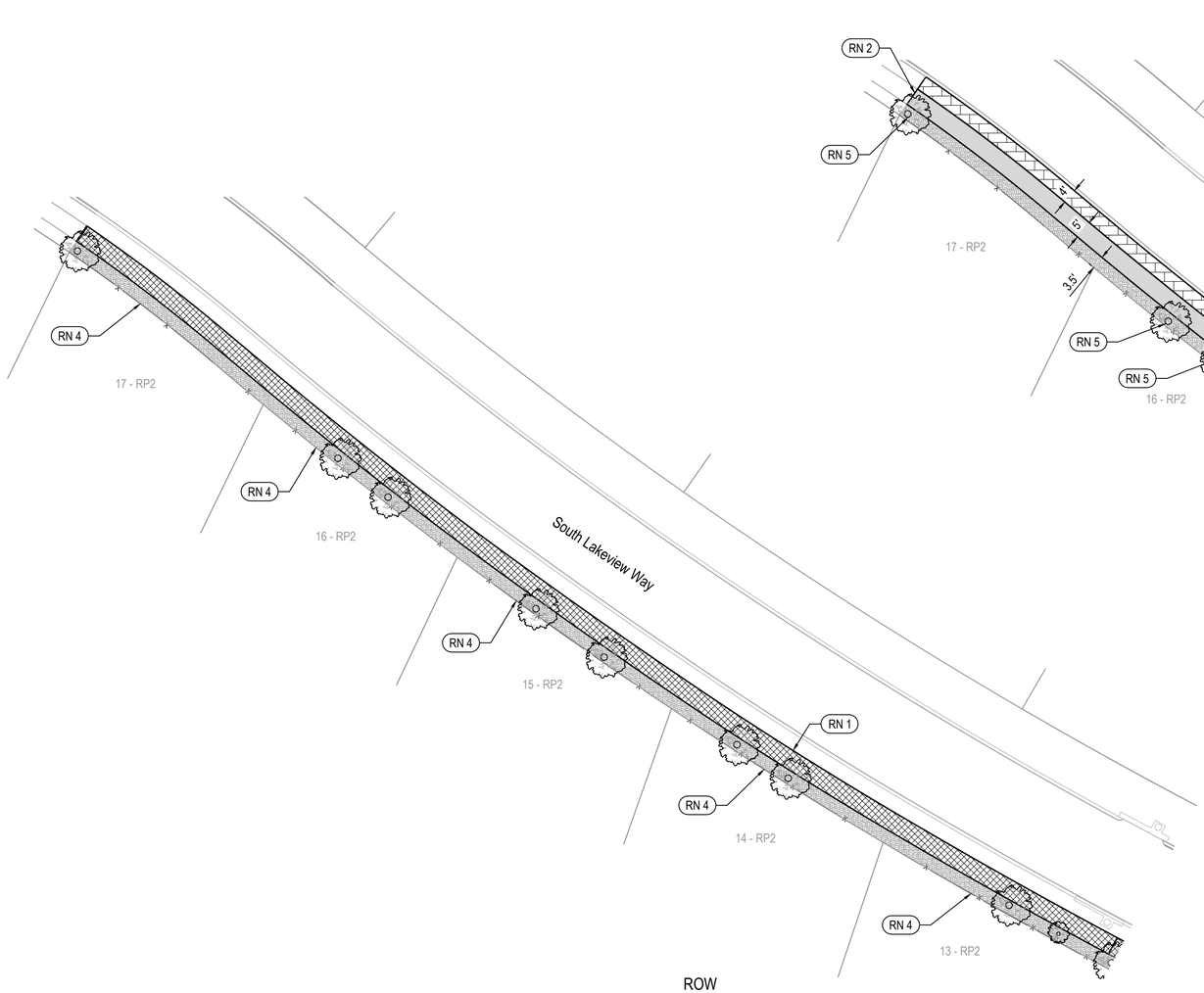
PROFESSIONAL CIVIL ENGINEER
TERESA M. WOOTEN
E-15787
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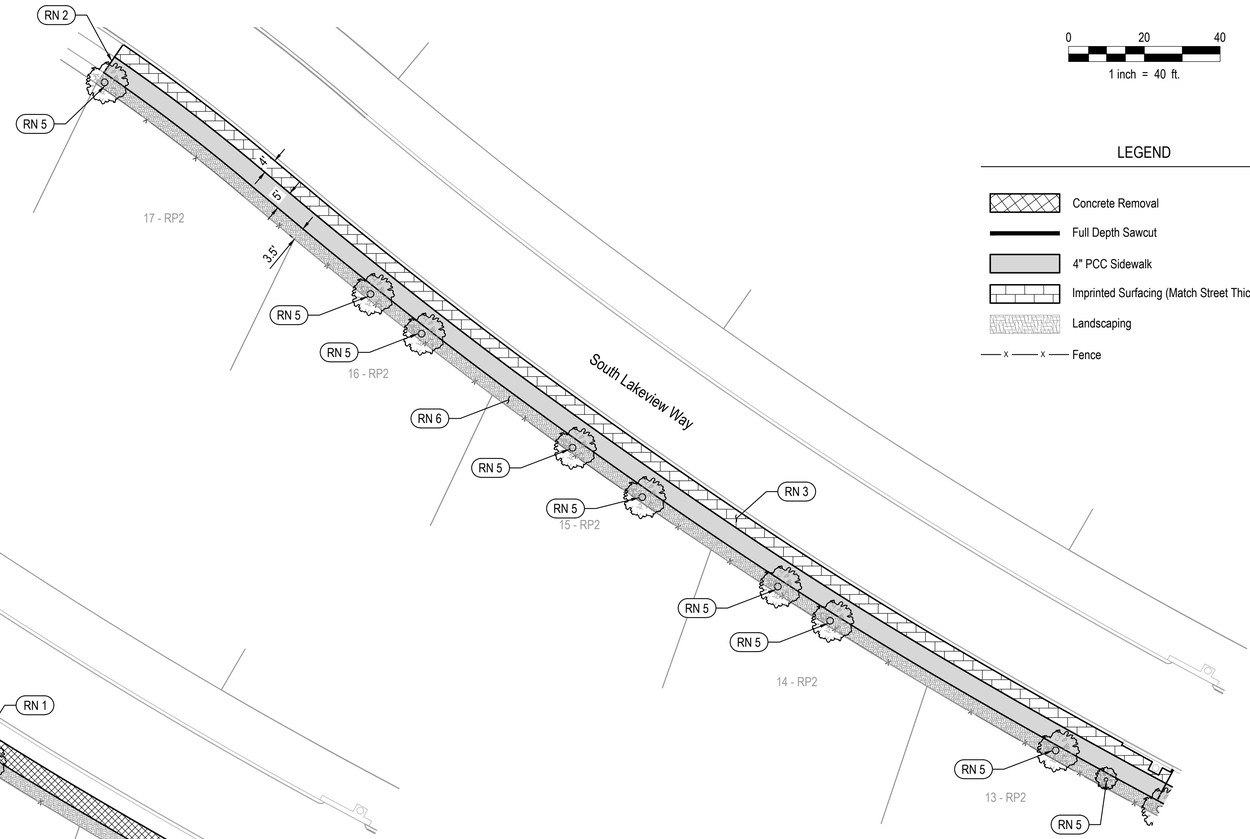
Revisions		
No	Date	Description
1	03/03/2026	Added turning spaces to geometrics plan.

Proj No:	P2006.056.031
Date:	03/03/2026
Designed By:	TMW
Drawn By:	JMB/CJL
Scale:	AS SHOWN
Sheet:	12 of 14

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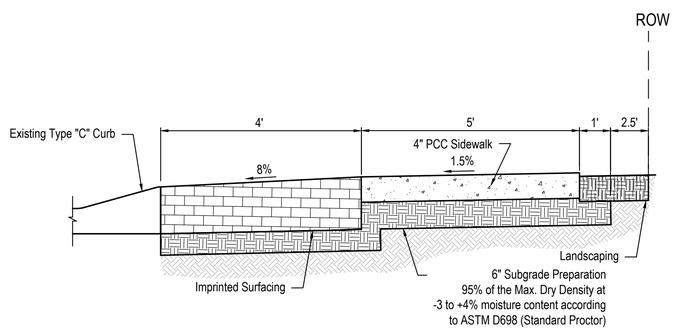


0 20 40
1 inch = 40 ft.

LEGEND

- Concrete Removal
- Full Depth Sawcut
- 4" PCC Sidewalk
- Imprinted Surfacing (Match Street Thickness)
- Landscaping
- x — x — Fence

SIDEWALK CONSTRUCTION
SCALE 1" = 40'



SIDEWALK SECTION - SOUTH LAKEVIEW WAY
NOT TO SCALE

SIDEWALK REMOVAL
SCALE 1" = 40'

NO **REFERENCE NOTES**

RN 1	Remove existing existing sidewalk, 1691 SF, sawcut - full depth 5 LF.
RN 2	Construct 4" PCC sidewalk, 1691 SF. Construct thickened edge at existing sidewalk.
RN 3	Construct PCC imprinted surfacing, 1335 SF.
RN 4	Adjust sprinklers, as needed, 1 EA (5 total). Contractor shall coordinate with the homeowner.
RN 5	Protect tree, 1 EA (9 total).
RN 6	Do not disturb landscaping.
Note:	All subgrade preparation related to sidewalk and curb ramp construction is subsidiary to the sidewalk and curb ramp bid items.

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SOUTH LAKEVIEW WAY

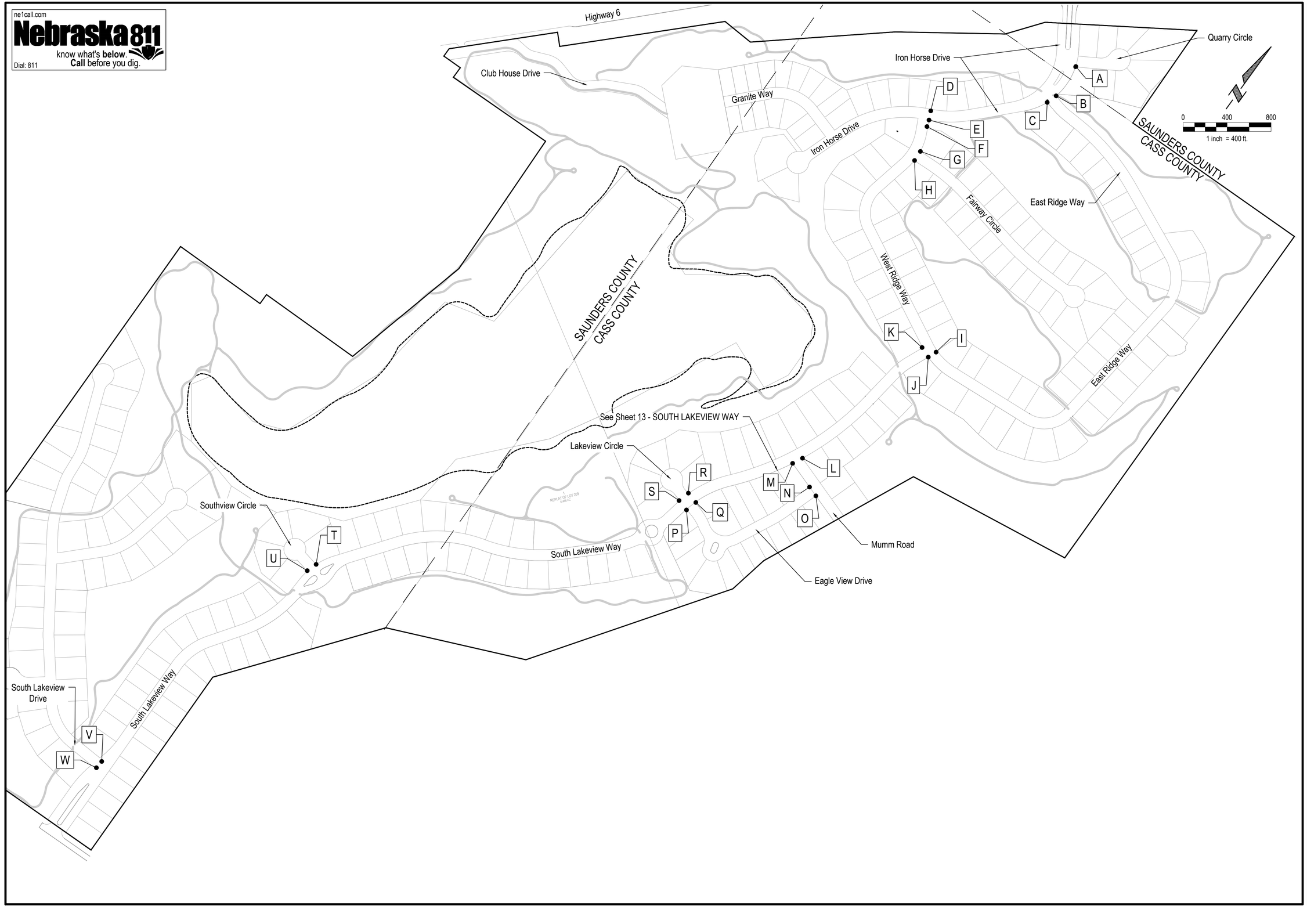
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Revisions		
	Date	Description

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COMPOSITE

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Revisions		
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Date:	03/03/2026
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