

HARVEST RIDGE RESIDENTIAL SUBDIVISION

NEW SHARON, IOWA



SITE MAP

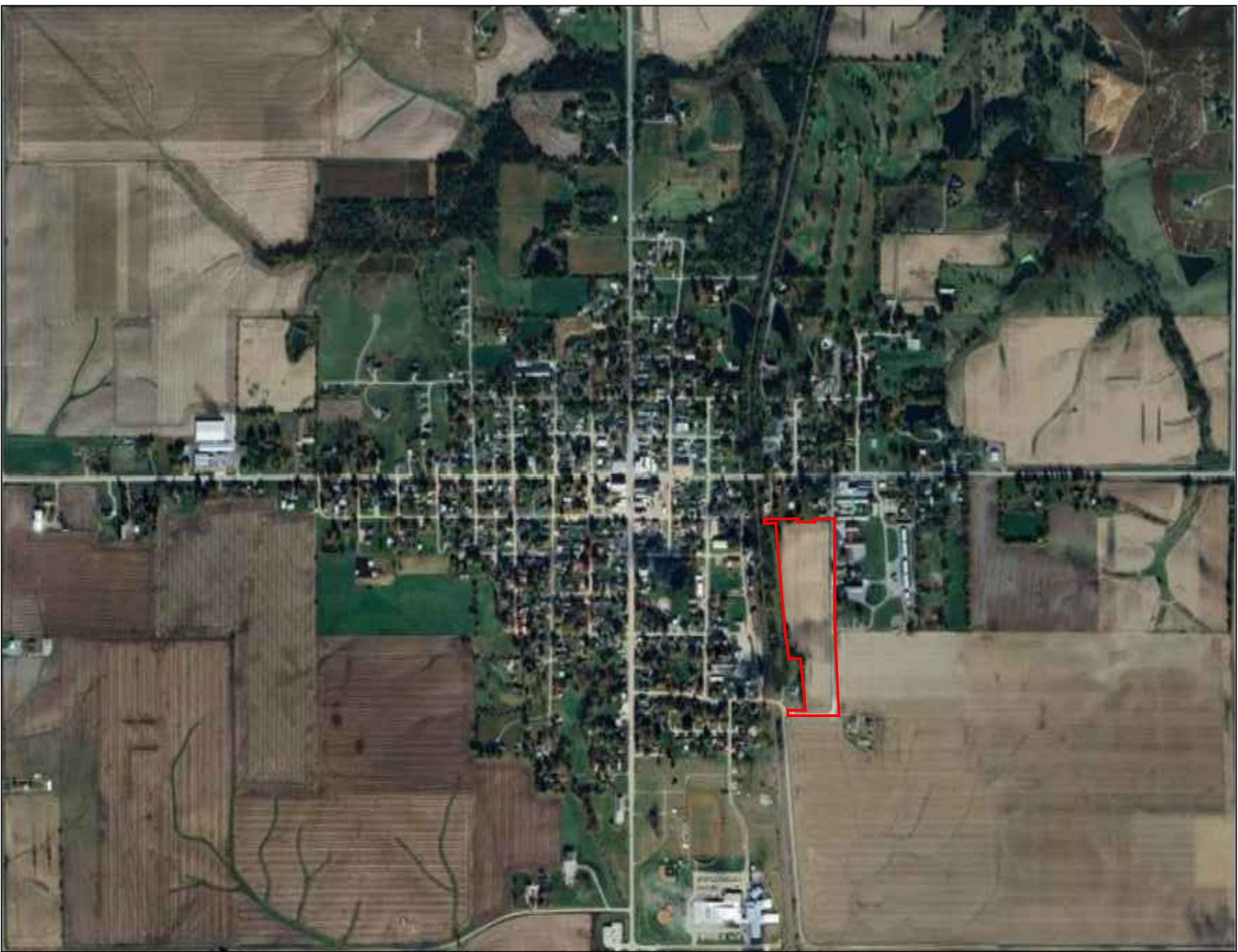
CITY OF NEW SHARON
101 MAIN ST
NEW SHARON, IA 50207
05/09/2025

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- C501- GRADING PLAN
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CONSULTANT REPRESENTATIVE

HAWKEYE CIVIL SOLUTIONS
UNIVERSITY OF IOWA
COLLEGE OF ENGINEERING
3100 SEAMENS CENTER,
IOWA CITY, IA 52240



VICINITY MAP

PROJECT: CEE: 4850

DATE : 05/09/2025

DRAWN BY: BAH

REVISION:

THE UNIVERSITY OF IOWA

CIVIL AND ENVIRONMENTAL ENGINEERING

4105 SEAMANS CENTER FOR THE
ENGINEERING ARTS AND SCIENCES
103 S CAPITOL ST
IOWA CITY, IOWA 52242
PHONE: 319.335.5647
FAX: 319.335.5660
EMAIL: civil-hawks@iowa.edu

EDUCATIONAL - NOT
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HARVEST RIDGE

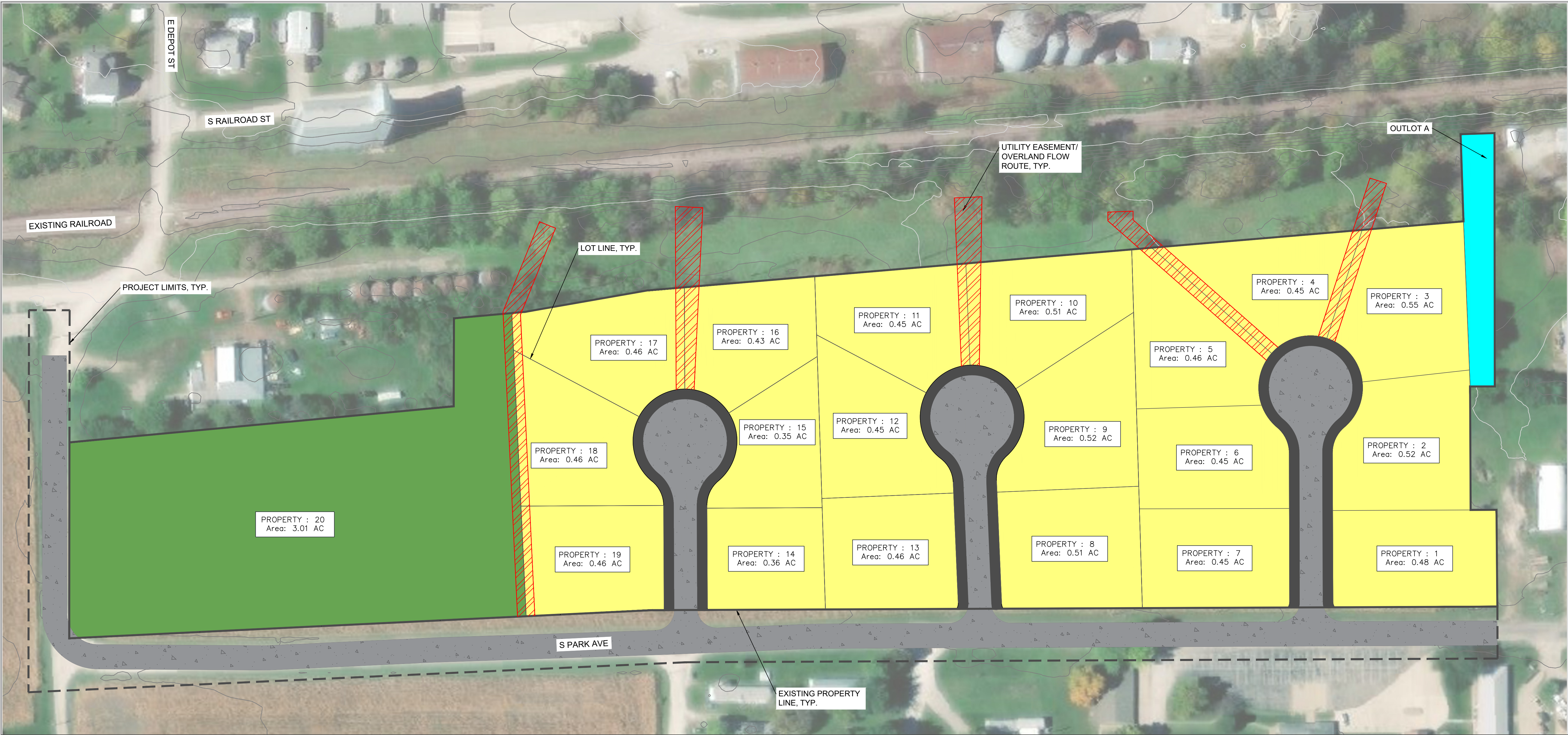
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

COVER SHEET

SHEET NO.

C001



GENERAL NOTES

- 1. THE LOCATION OF ALL UTILITIES AND STRUCTURES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS. THE EXACT LOCATIONS AND ELEVATIONS MUST BE VERIFIED BY FIELD SURVEY.
- 2. IT SHALL BE THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.

LOT INFORMATION

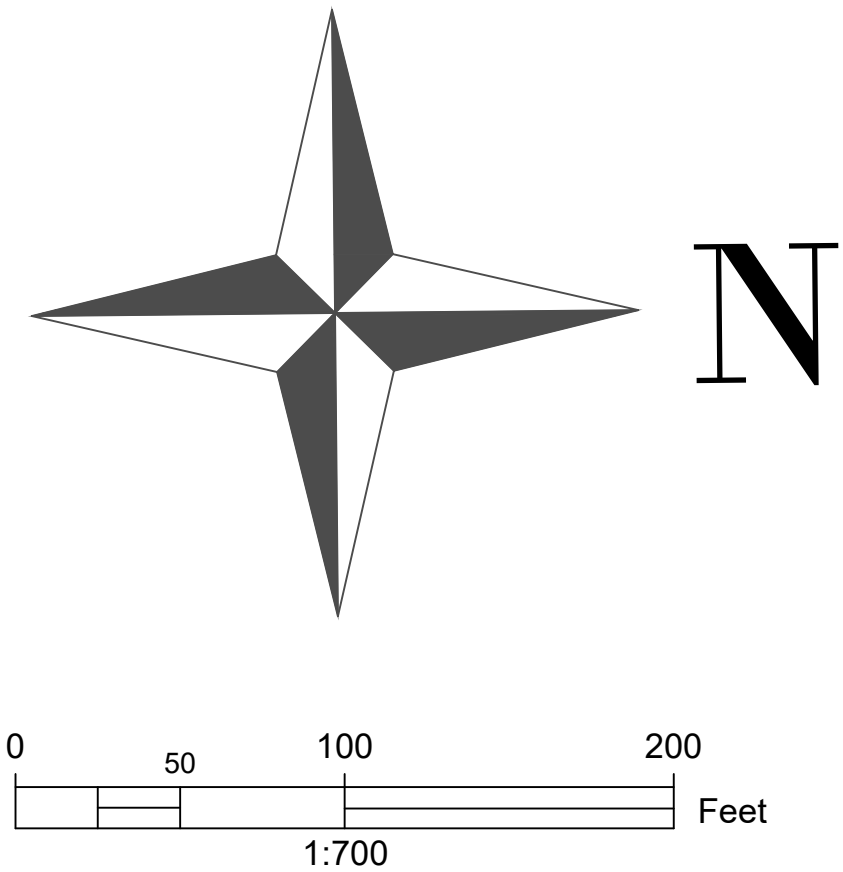
SINGLE-FAMILY:
19 LOTS (19 UNITS)
0.35 TO 0.55 ACRES

CONDOMINIUMS:
1 LOT (~16 UNITS)
3.01 ACRES

TOTAL HOUSING:
20 LOTS
35 UNITS

LEGEND

- PROPERTY LINE
- PROJECT LIMITS
- STREET PCC PAVEMENT
- LOCAL URBAN CORRIDOR ROW
- SINGLE-FAMILY HOUSING
- CONDOMINIUM HOUSING
- OUTLOT A
- UTILITY EASEMENT / OVERLAND FLOW ROUTE





PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	BHV
REVISION:	

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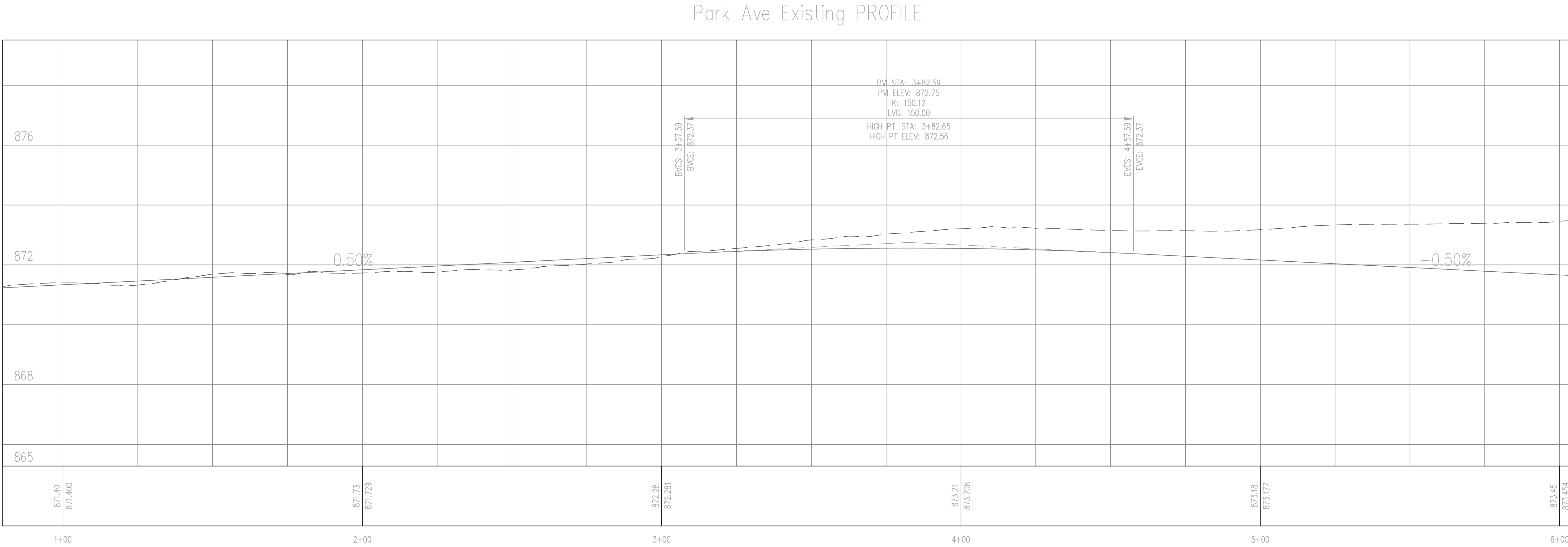
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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME
**STREET
PLAN & PROFILE**

SHEET NO.
C201

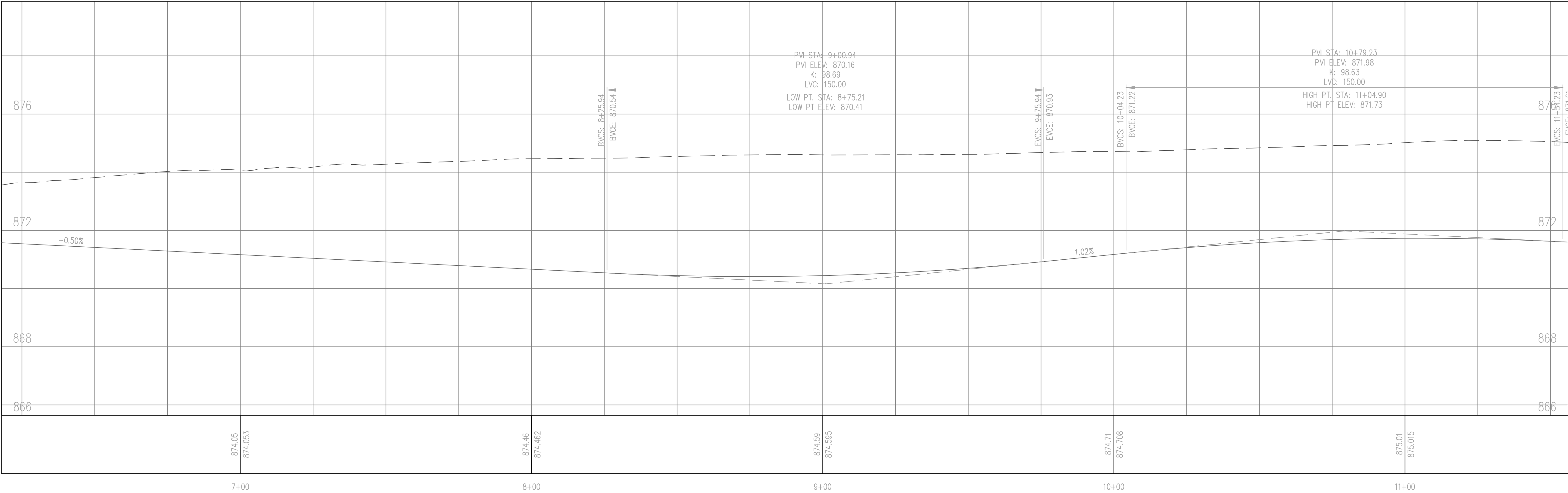


MATCH LINE - 1
AT STATION - 6+18.00
PREVIOUS SHEET NUMBER: 1



MATCH LINE - 2
AT STATION - 11+56.00
NEXT SHEET NUMBER: 3

Park Ave Existing PROFILE



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IOWA CITY, IOWA 52242

PHONE: 319.335.5647

FAX: 319.335.5660

EMAIL: civil-hawks@iowa.edu

PROJECT:

CEE: 4850

DATE :

05/09/2025

DRAWN BY:

BHV

REVISION:

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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

STREET
PLAN & PROFILE

SHEET NO.

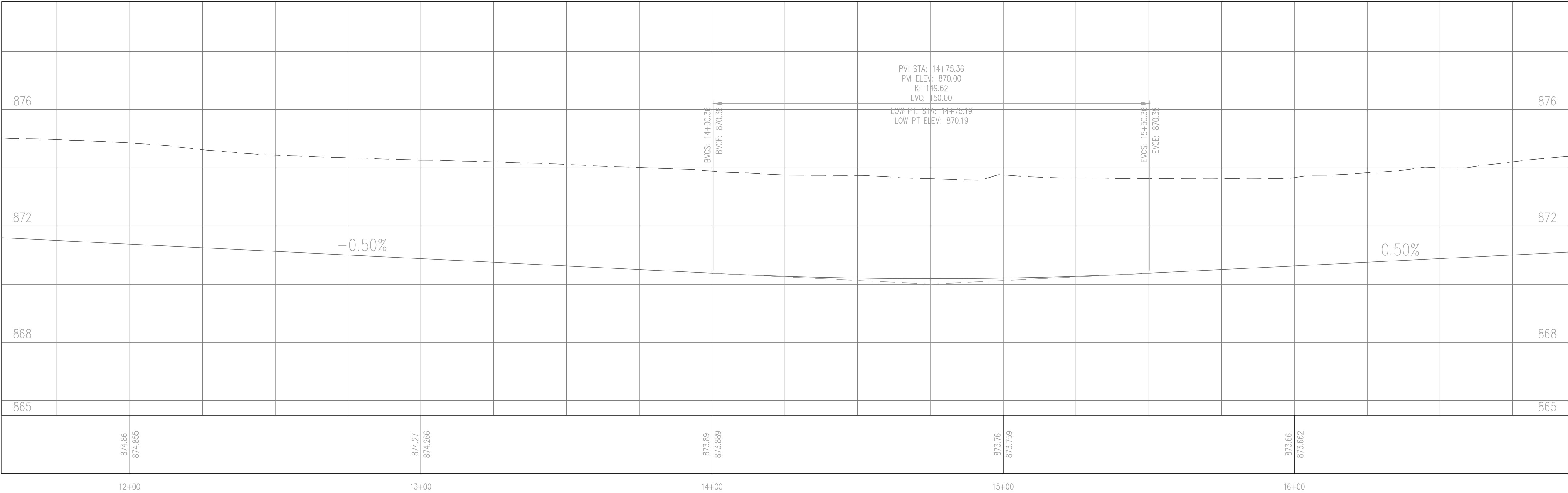
C202

MATCH LINE - 2
AT STATION - 11+56.00
PREVIOUS SHEET NUMBER: 2

MATCH LINE - 3
AT STATION - 16+94.00
NEXT SHEET NUMBER: 4



Park Ave Existing PROFILE



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PROJECT: CEE: 4850

DATE : 05/09/2025

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REVISION:

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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

STREET
PLAN & PROFILE

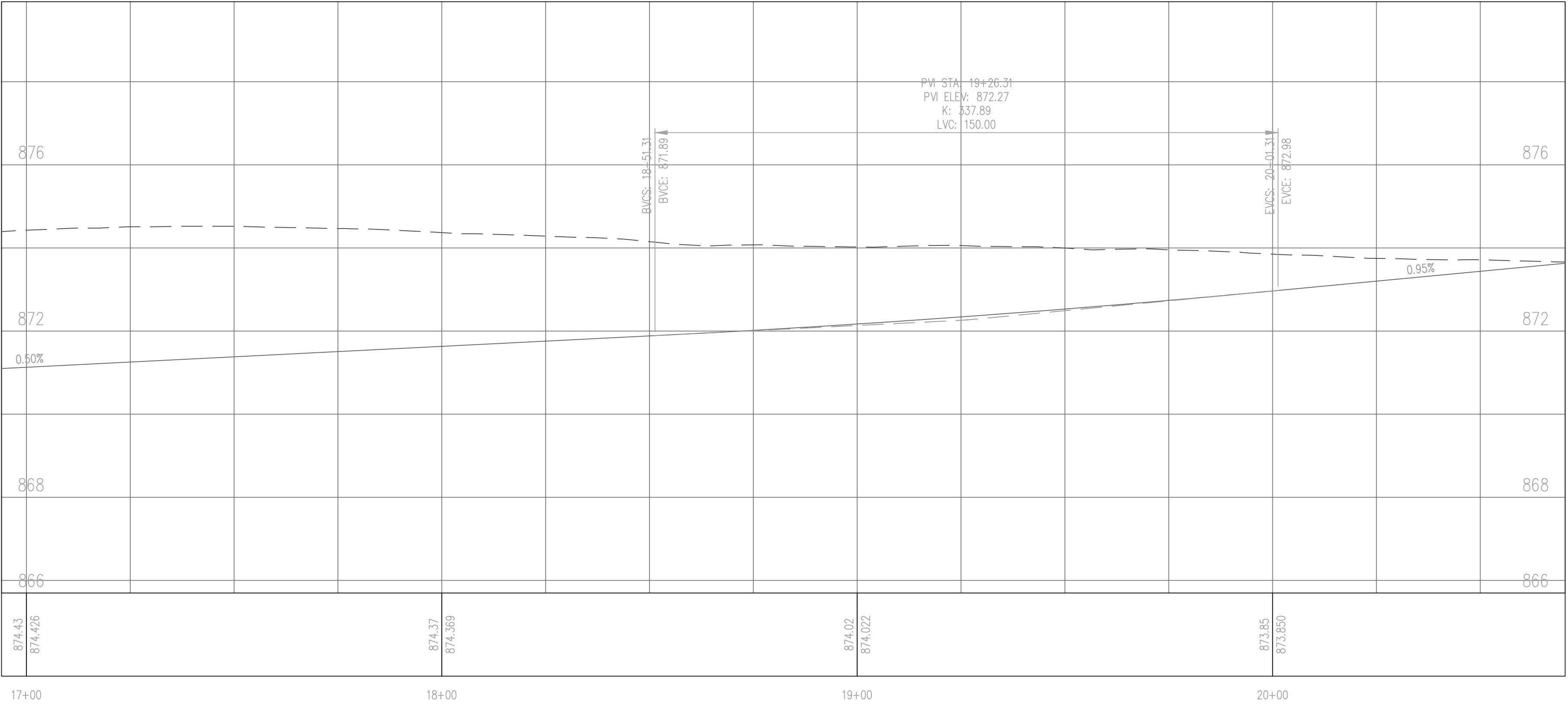
SHEET NO.

C203

MATCH LINE - 3
AT STATION - 16+94.00
PREVIOUS SHEET NUMBER: 3



Park Ave Existing PROFILE



PROJECT:	CEE: 4850
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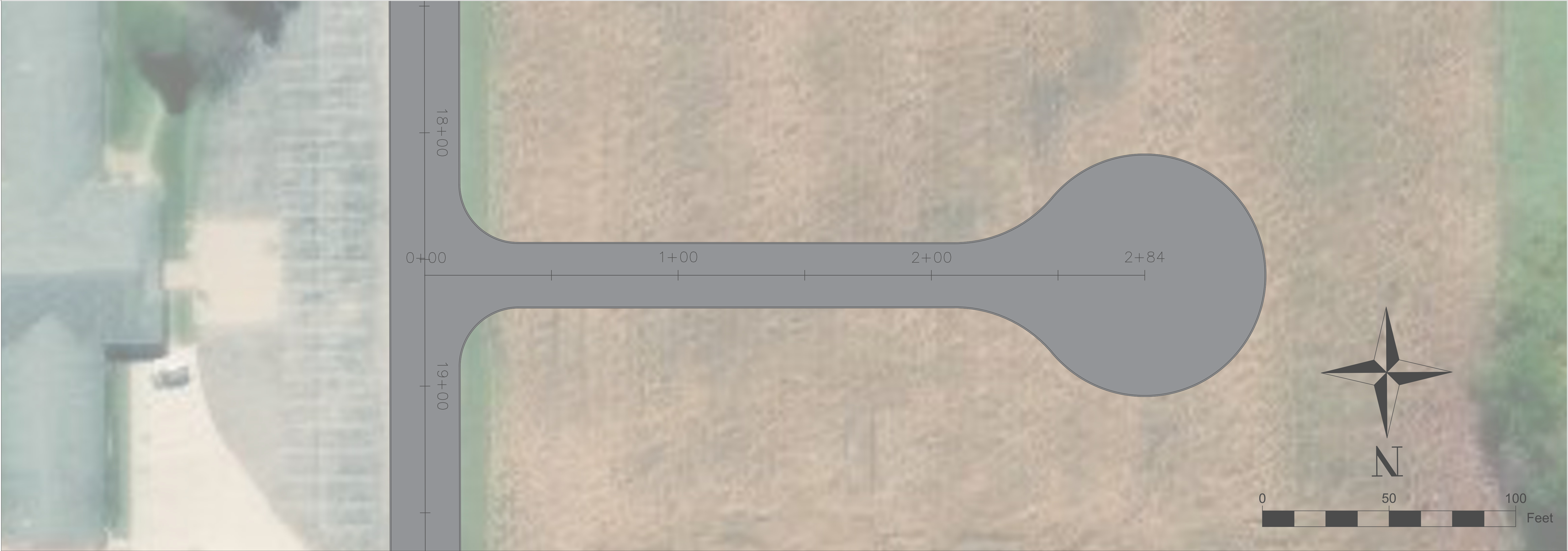
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

STREET
PLAN & PROFILE

SHEET NO.

C204



PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	BHV
REVISION:	

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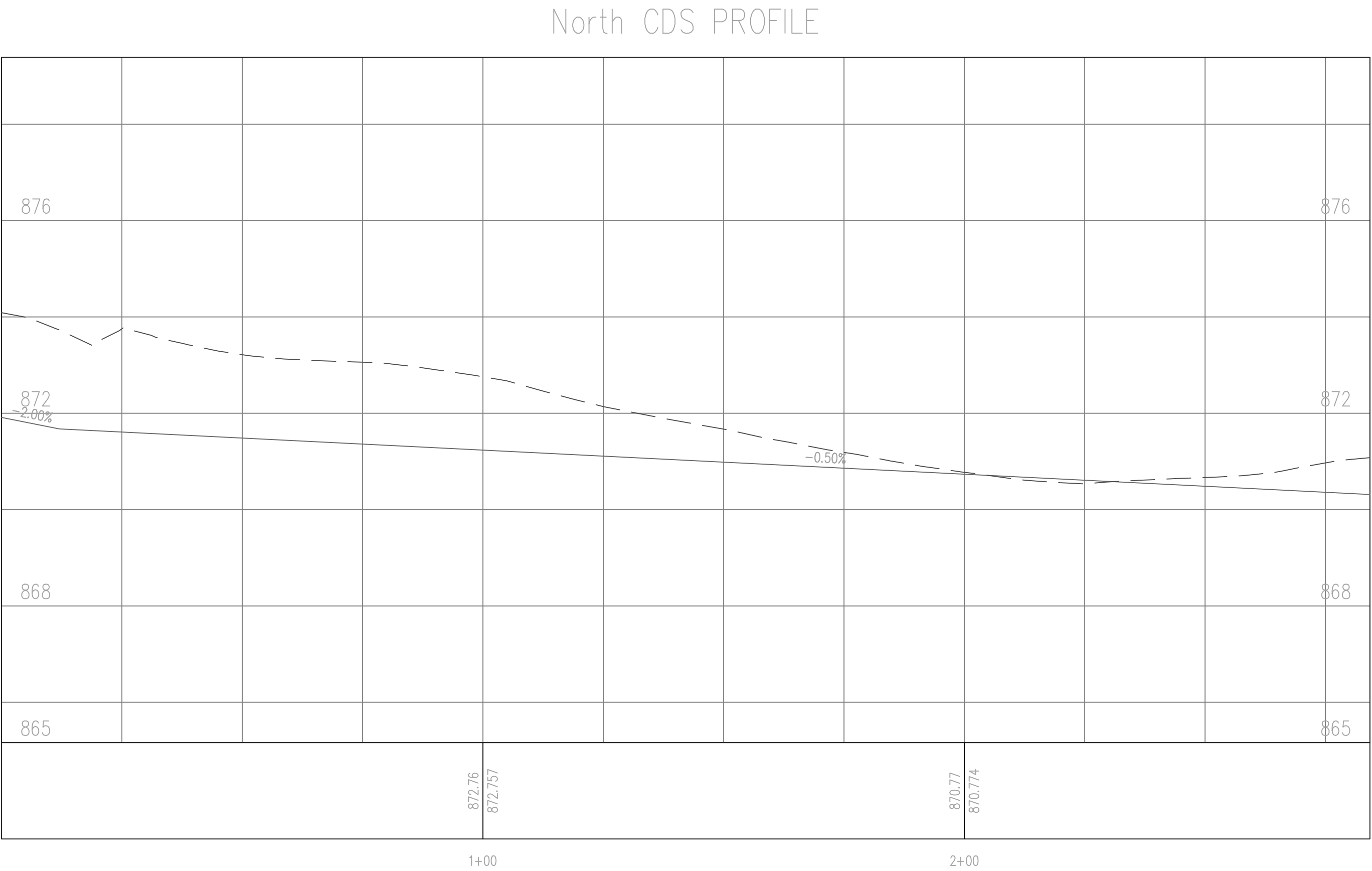
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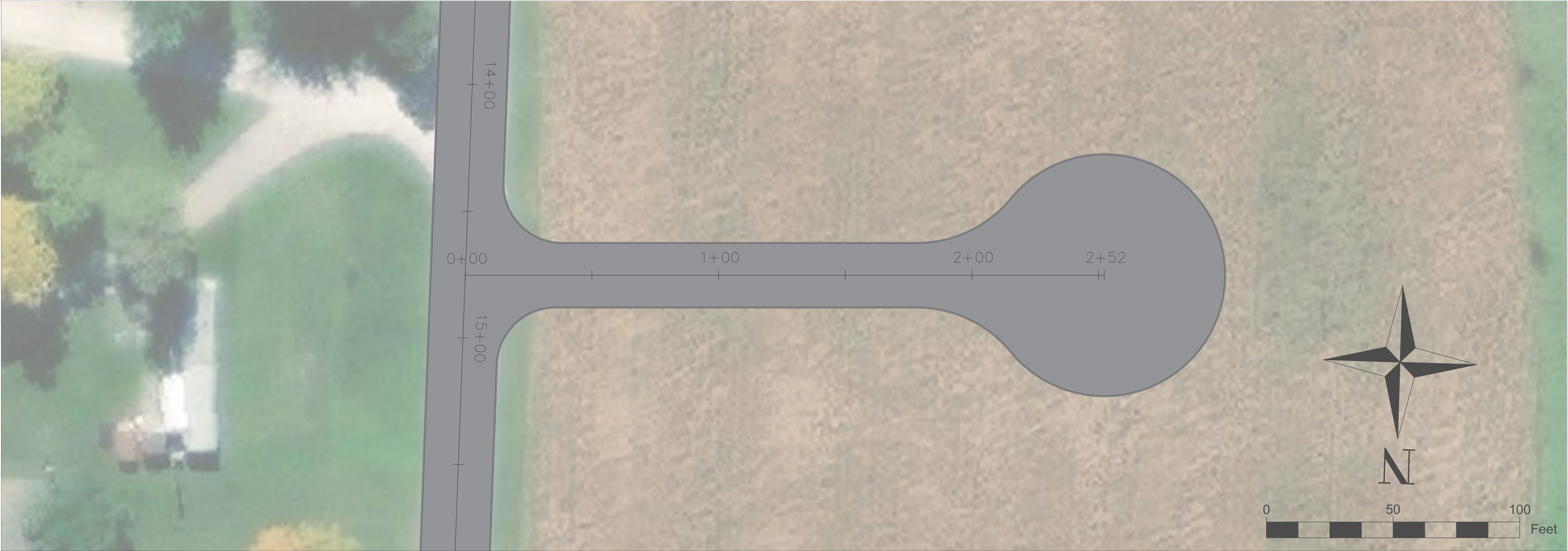
HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

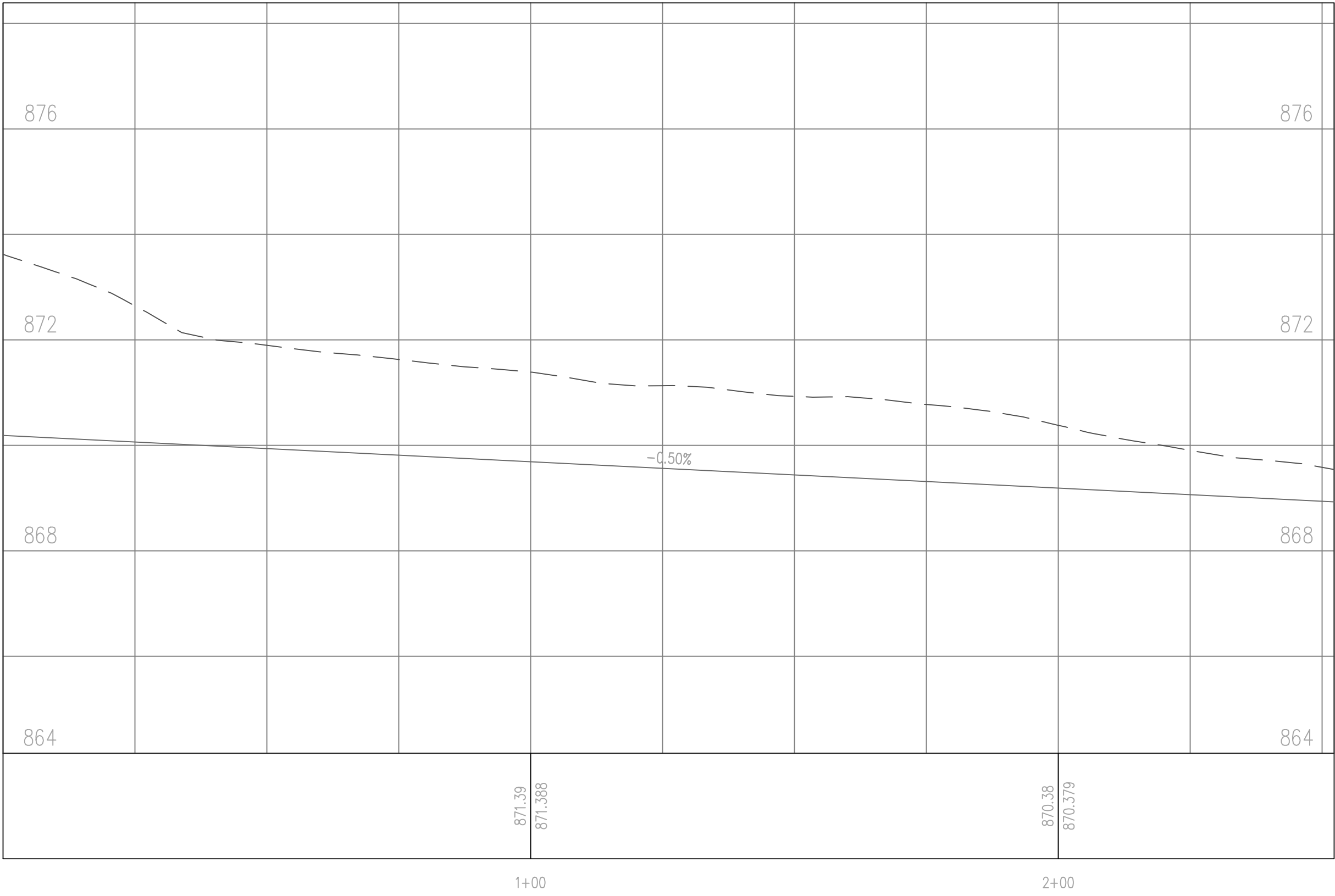
SHEET NAME
**STREET
PLAN & PROFILE**

SHEET NO.
C205





Middle CDS PROFILE



PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	BHV
REVISION:	

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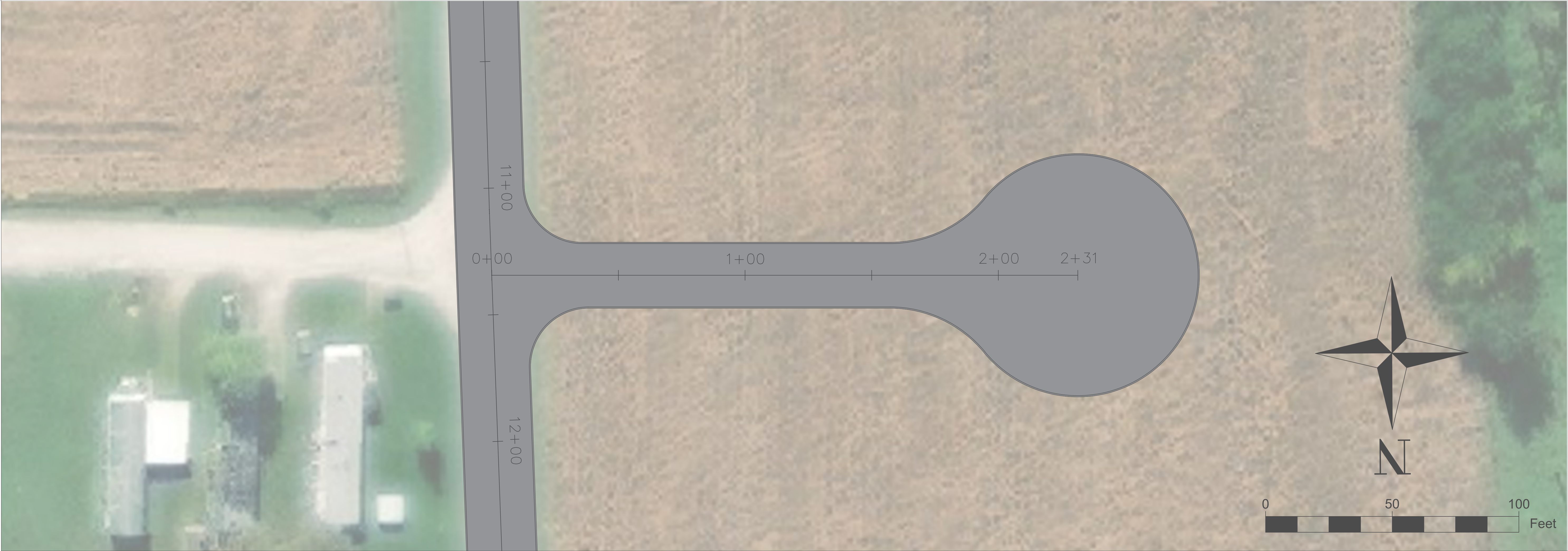
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HARVEST RIDGE

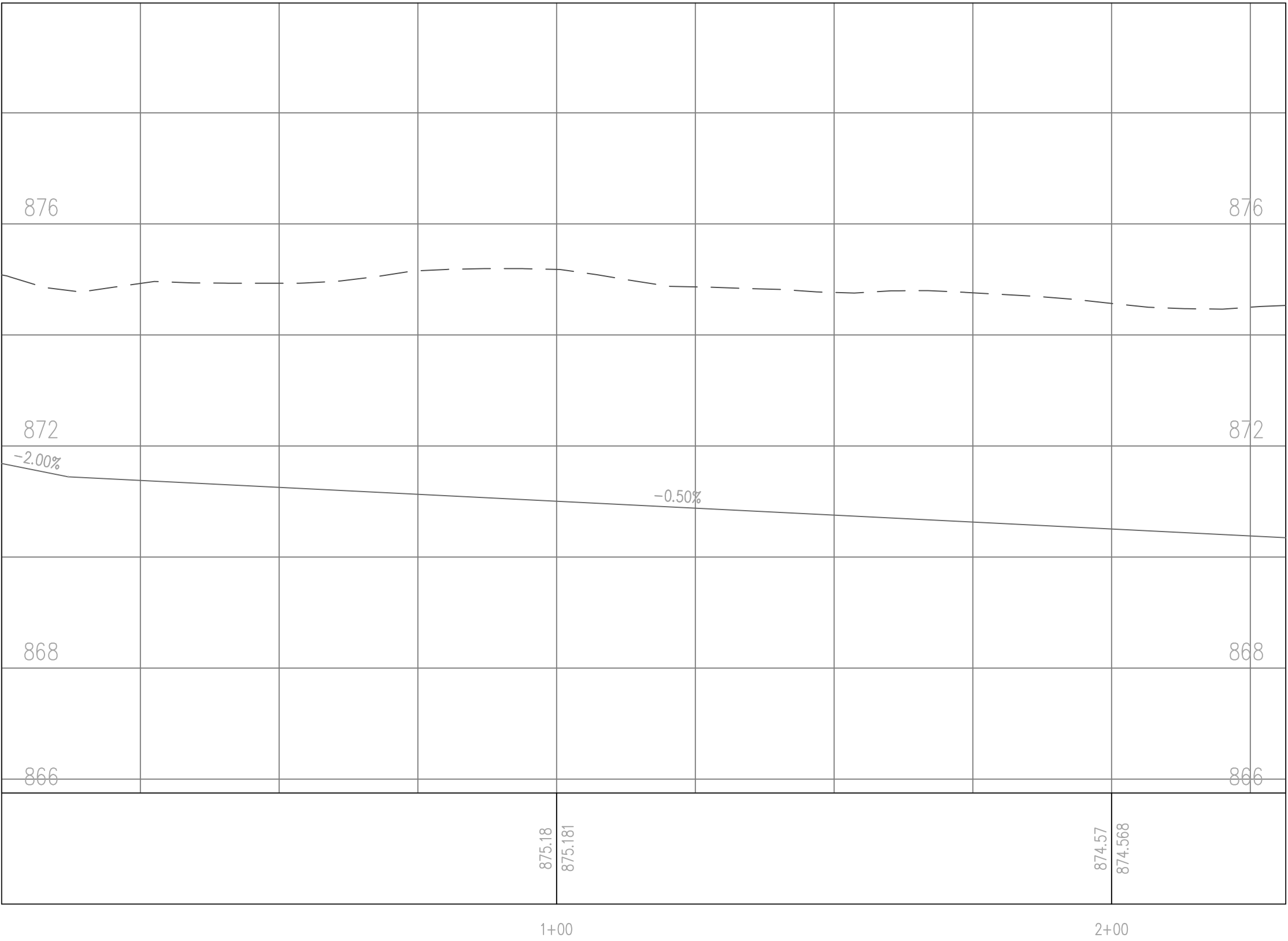
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME
**STREET
PLAN & PROFILE**

SHEET NO.
C206



South CDS PROFILE



PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	BHV
REVISION:	

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CIVIL AND ENVIRONMENTAL ENGINEERING
4105 SEAMANS CENTER FOR THE
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EMAIL: civil-hawks@iowa.edu

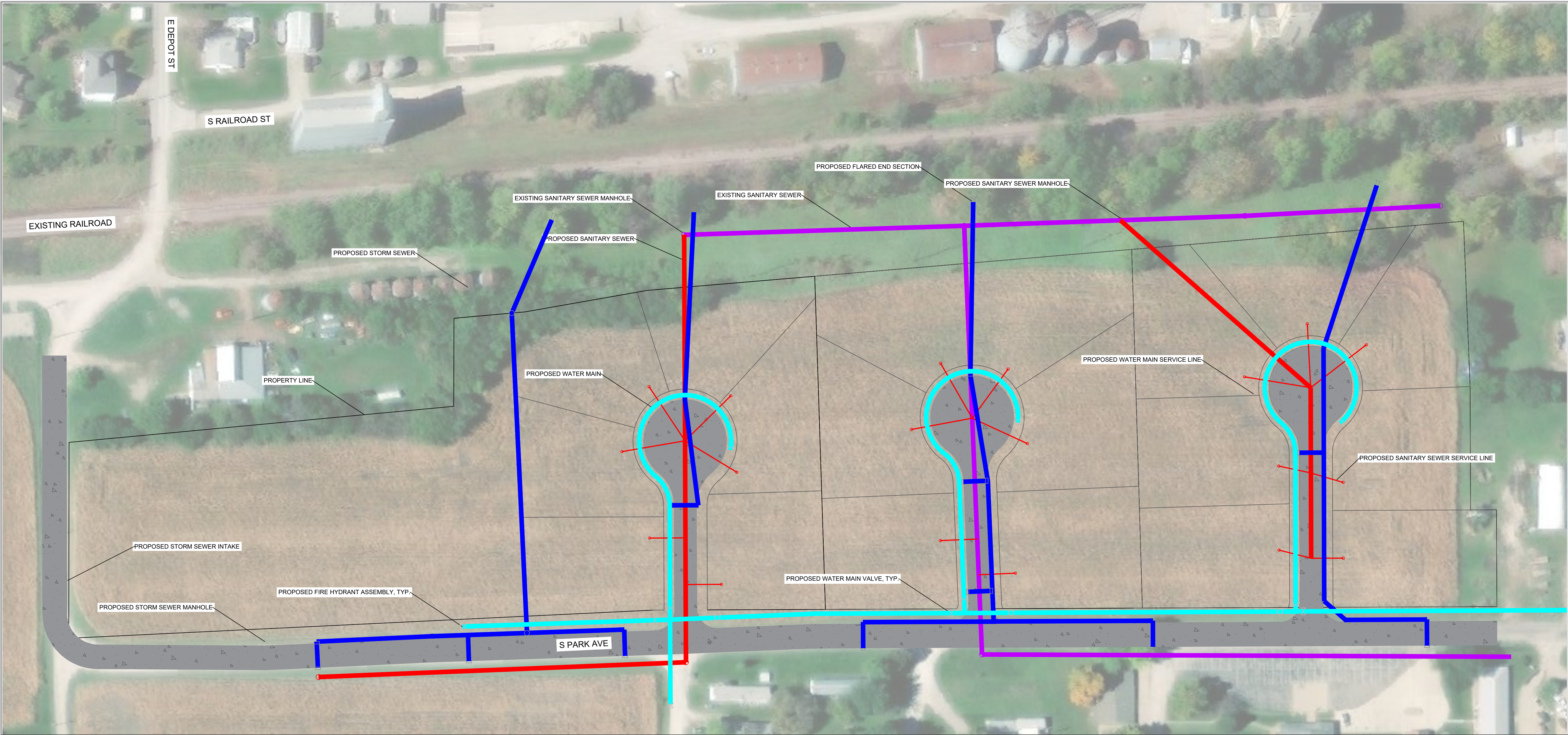
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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME
**STREET
PLAN & PROFILE**

SHEET NO.
C207

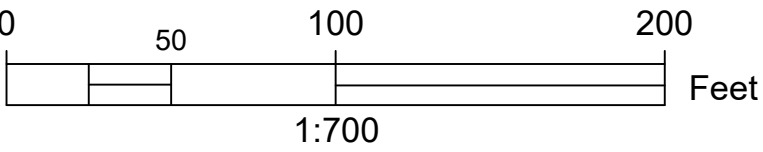


GENERAL NOTES

- 1. THE LOCATION OF ALL UTILITIES AND STRUCTURES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS. THE EXACT LOCATIONS AND ELEVATIONS MUST BE VERIFIED BY FIELD SURVEY.
- 2. THE PROPOSED WATER MAIN SYSTEM SHALL CONNECT AT THE EXISTING ELEVATION OF THE EXISTING WATER MAIN SOUTHEAST OF CEDAR CIRCLE AND AT THE INTERSECTION OF EAST MARKET STREET AND PARK AVENUE.

LEGEND

- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- STORM SEWER
- WATER MAIN
- STREET PCC PAVEMENT
- LOCAL URBAN CORRIDOR ROW
- OUTLOT A



PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	KTH
REVISION:	

THE UNIVERSITY OF IOWA
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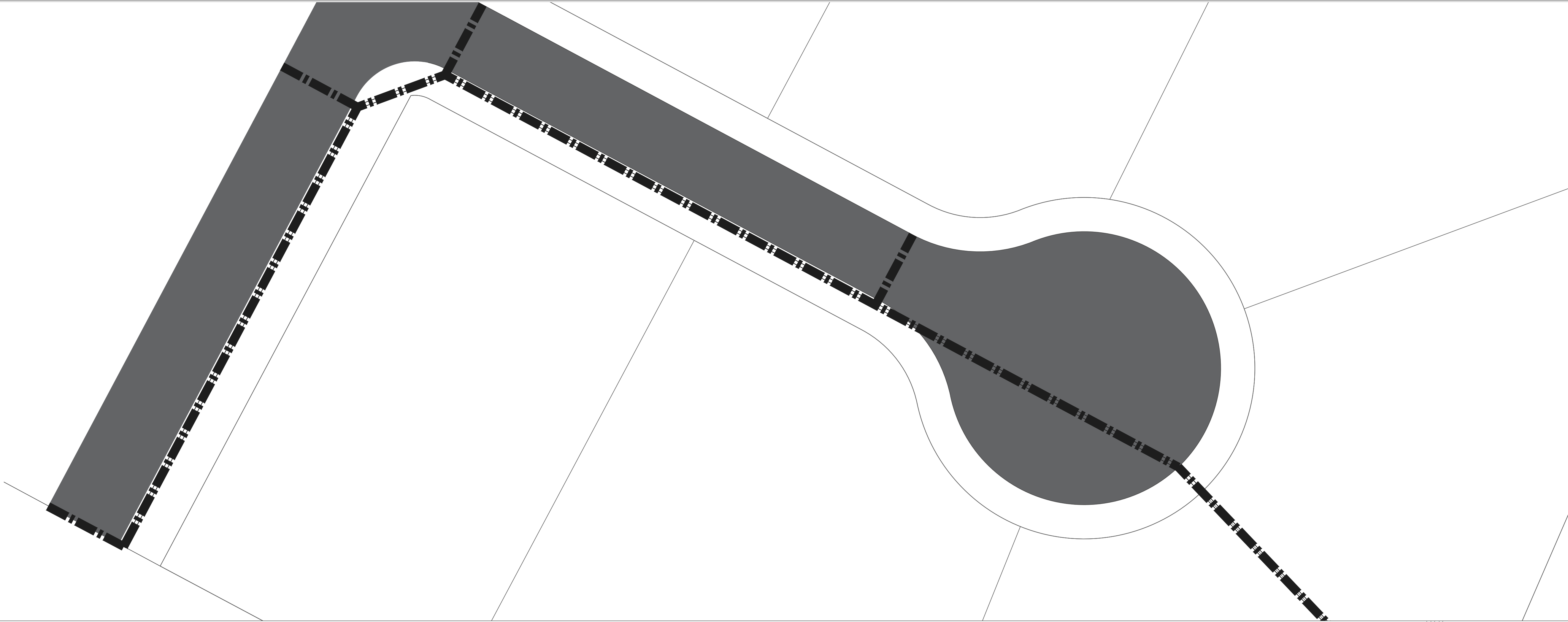
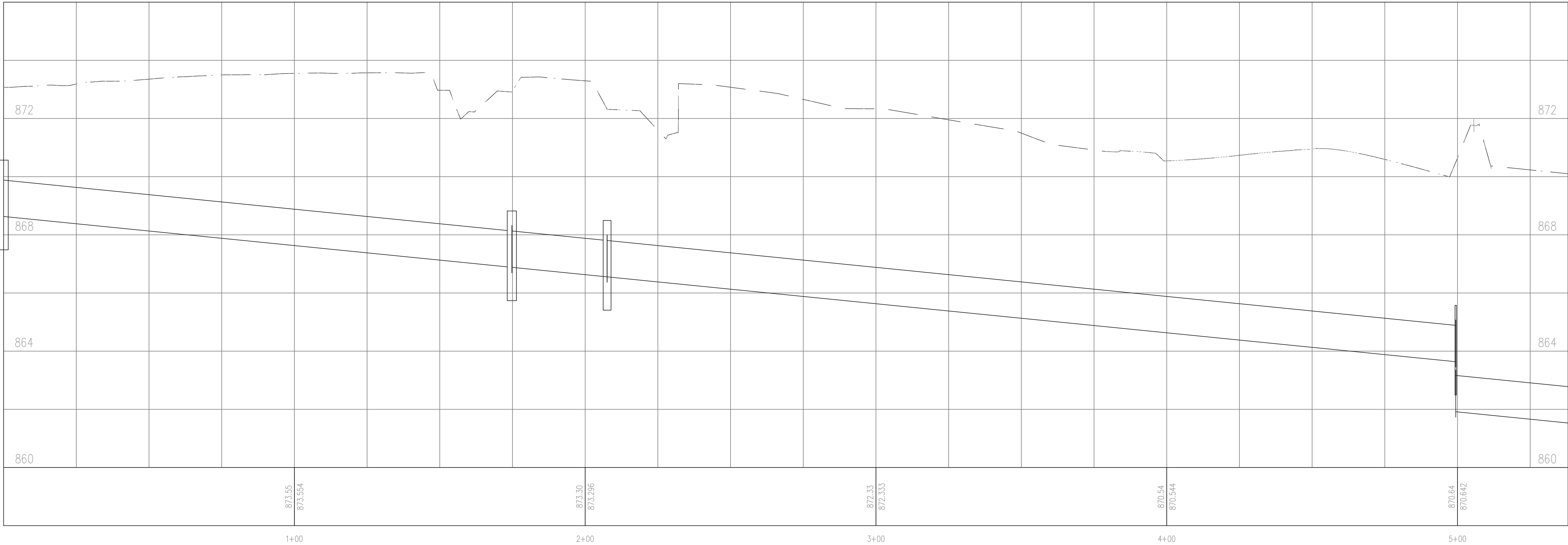
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

SITE PLAN

SHEET NO.

C301



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EMAIL: civil-hawks@iowa.edu

PROJECT: CEE: 4850
DATE : 05/09/2025
DRAWN BY: KTH
REVISION:

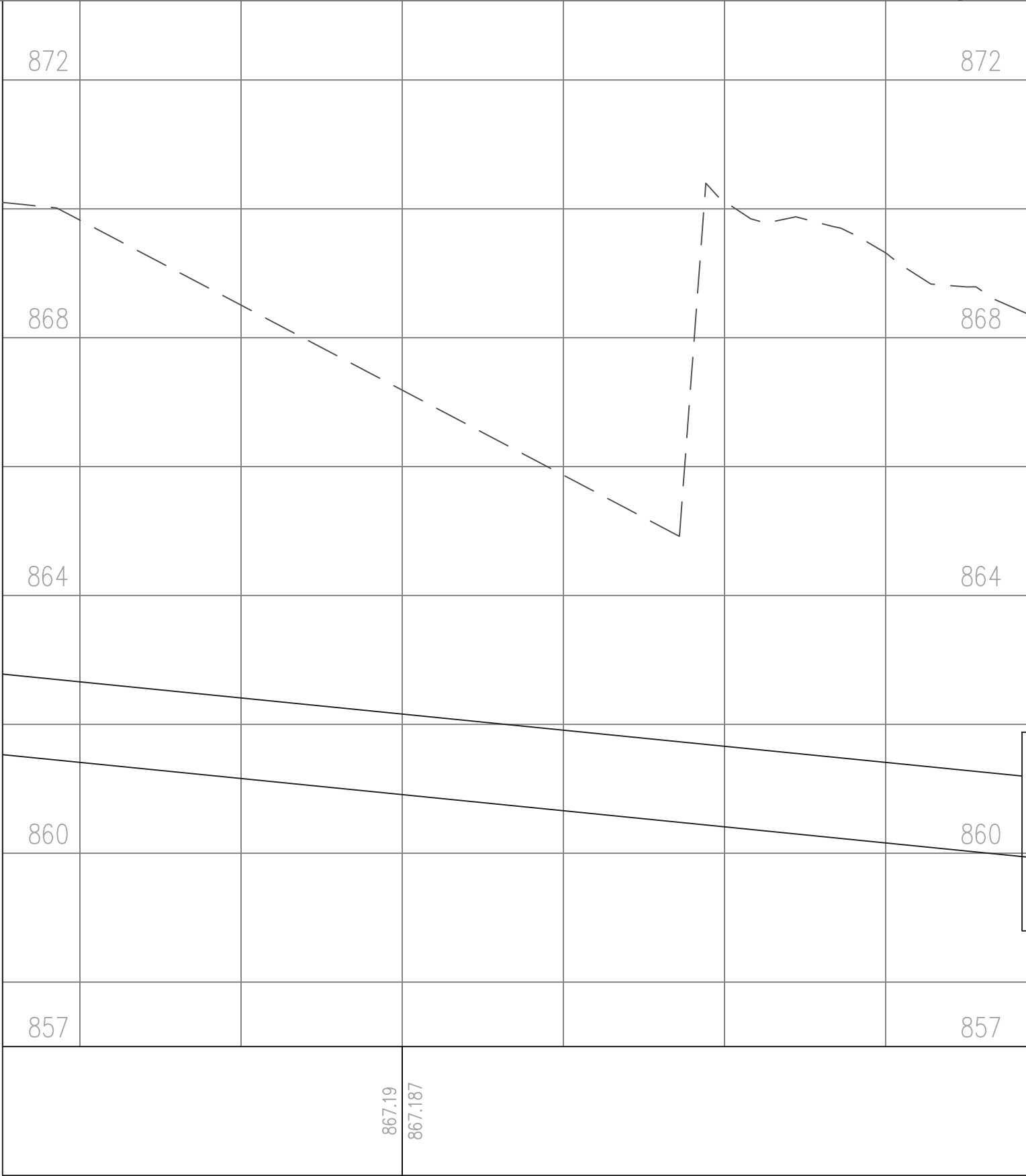
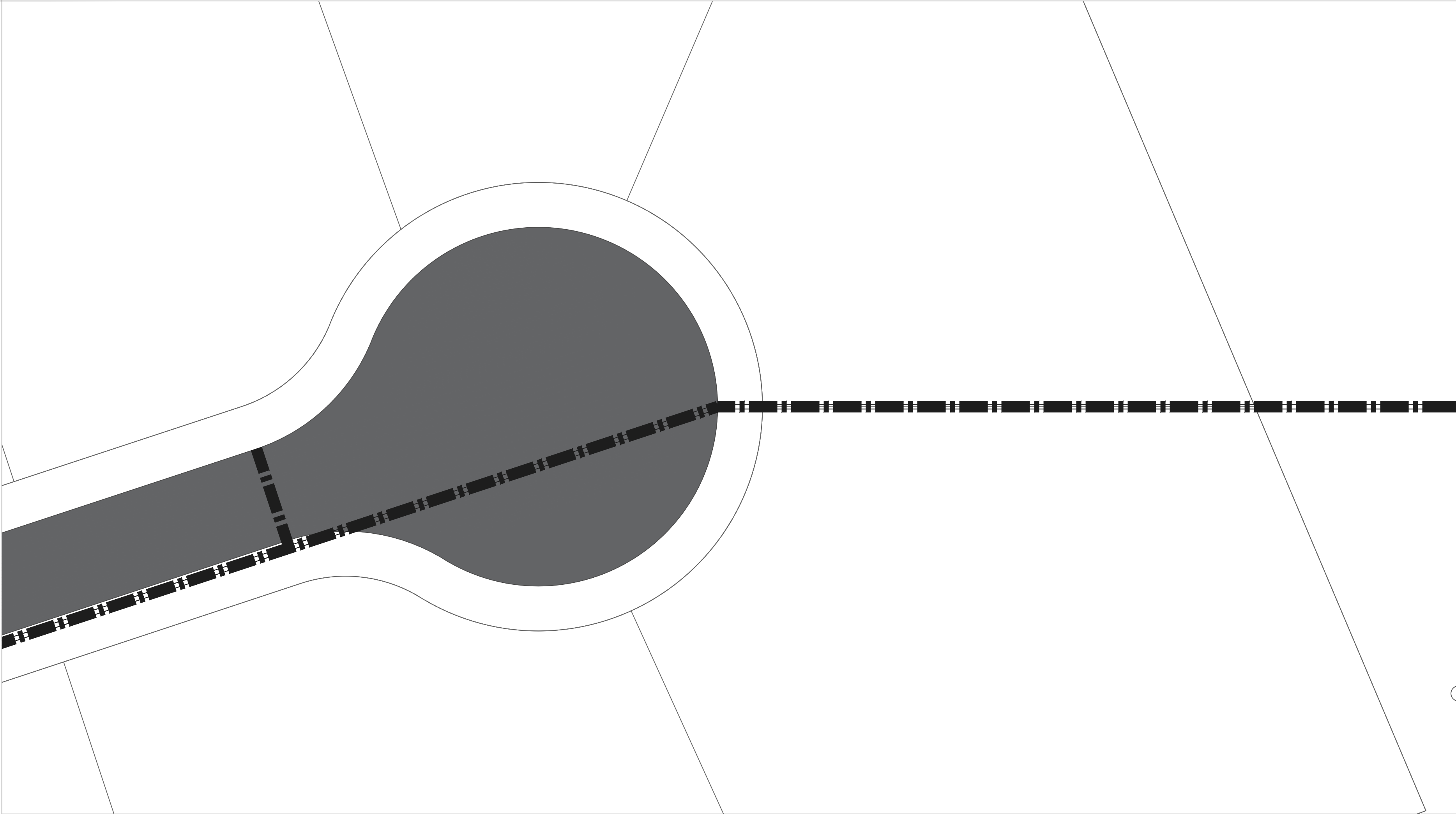
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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME
STORM SEWER
PLAN & PROFILE

SHEET NO.
C401



6+00

PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	KTH
REVISION:	

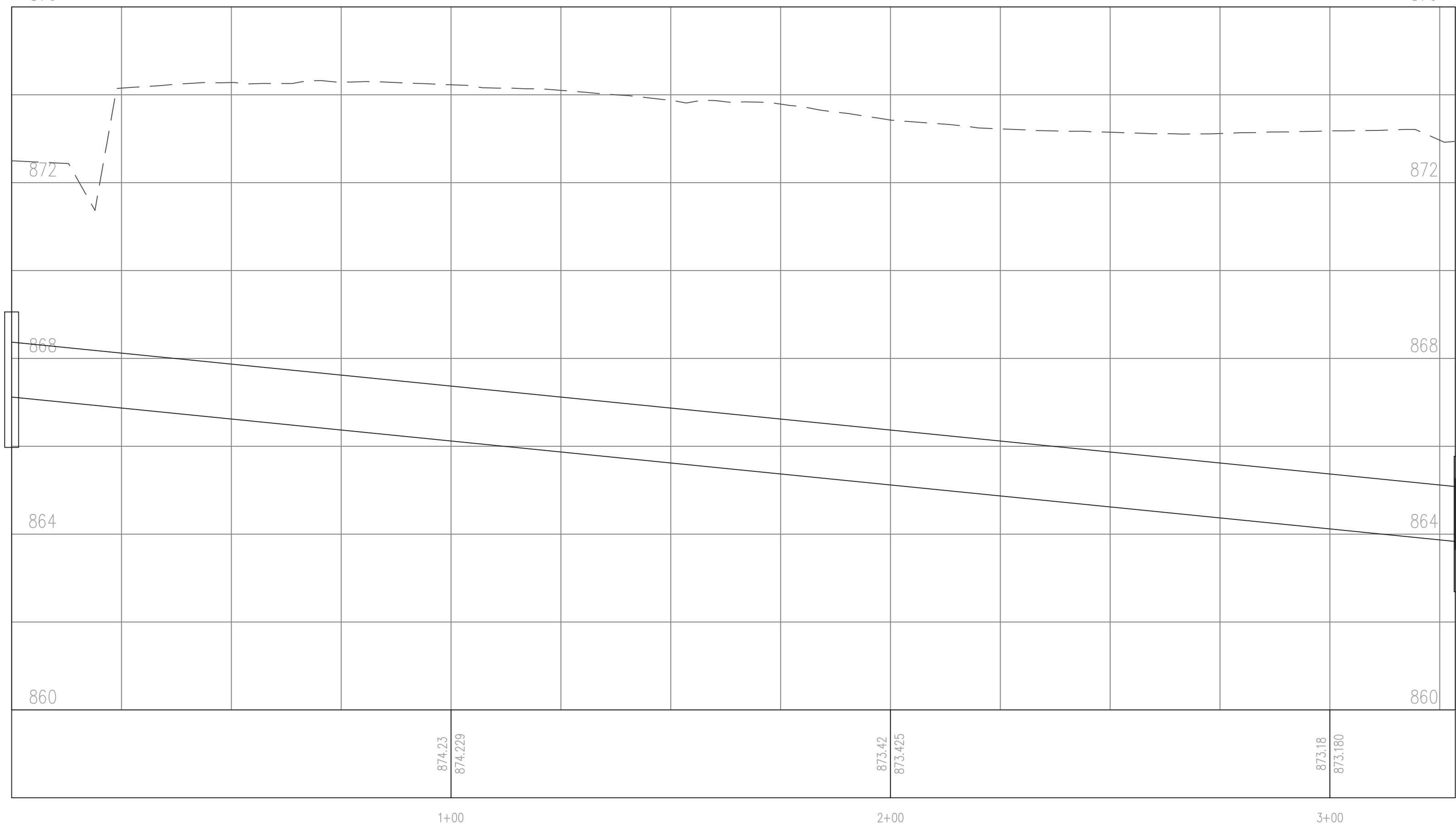
THE UNIVERSITY OF IOWA
CIVIL AND ENVIRONMENTAL ENGINEERING
4105 SEAMANS CENTER FOR THE
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103 S CAPITOL ST
IOWA CITY, IOWA 52242
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HARVEST RIDGE
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME
STORM SEWER
PLAN & PROFILE

SHEET NO.
C402



HARVEST RIDGE

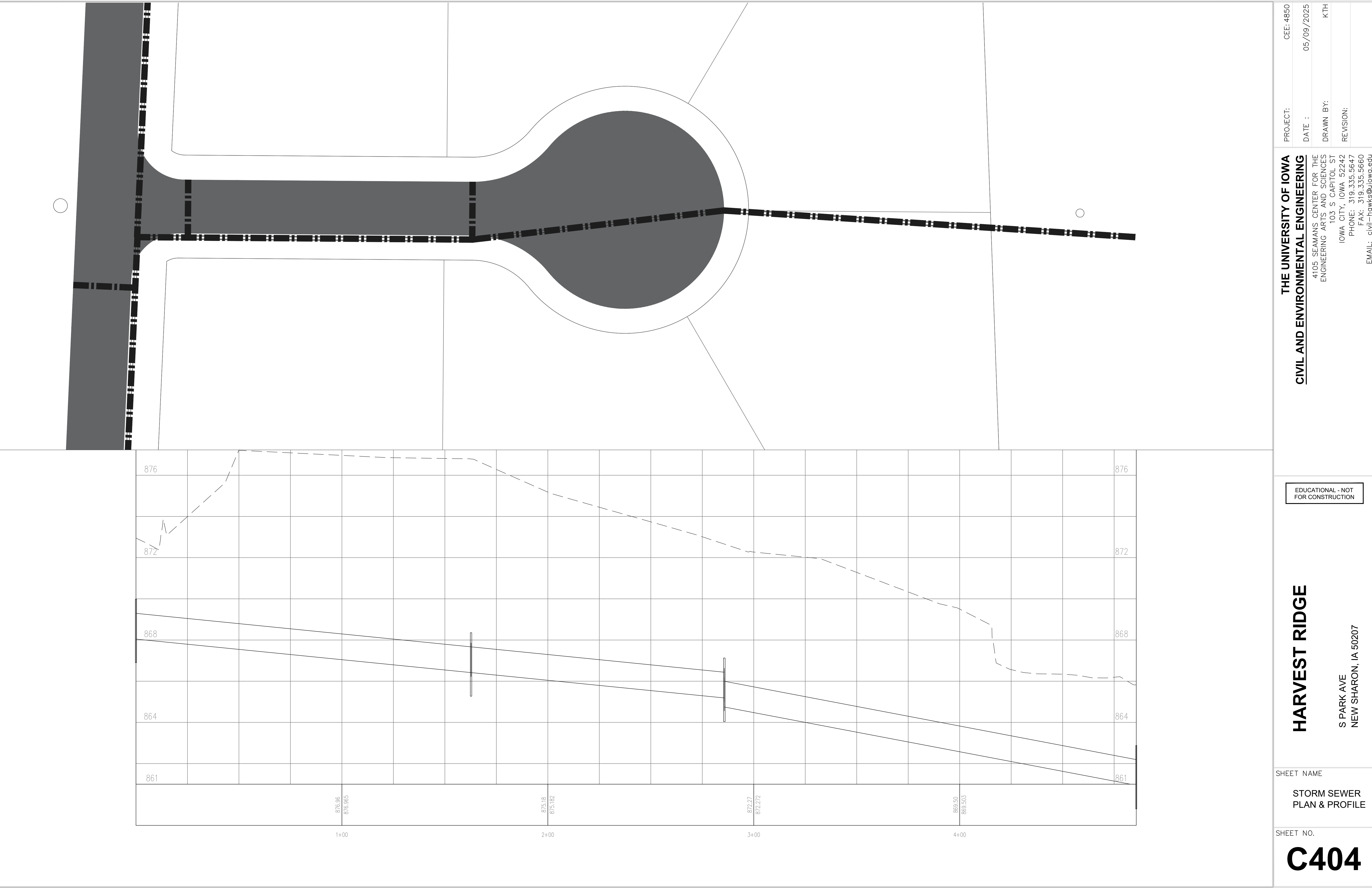
STORM SEWER PLAN & PROFILE

HEET NO.

C403

CIVIL AND ENVIRONMENTAL ENGINEERING
4105 SEAMANS CENTER FOR THE
ENGINEERING ARTS AND SCIENCES
103 S CAPITOL ST
IOWA CITY, IOWA 52242
PHONE: 319.335.5647
FAX: 319.335.5660
EMAIL: civil-hawks@iowa.edu

PROJECT:	CEL: 4633
DATE :	05/09/2025
DRAWN BY:	KTH
REVISION:	



PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	KTH
REVISION:	

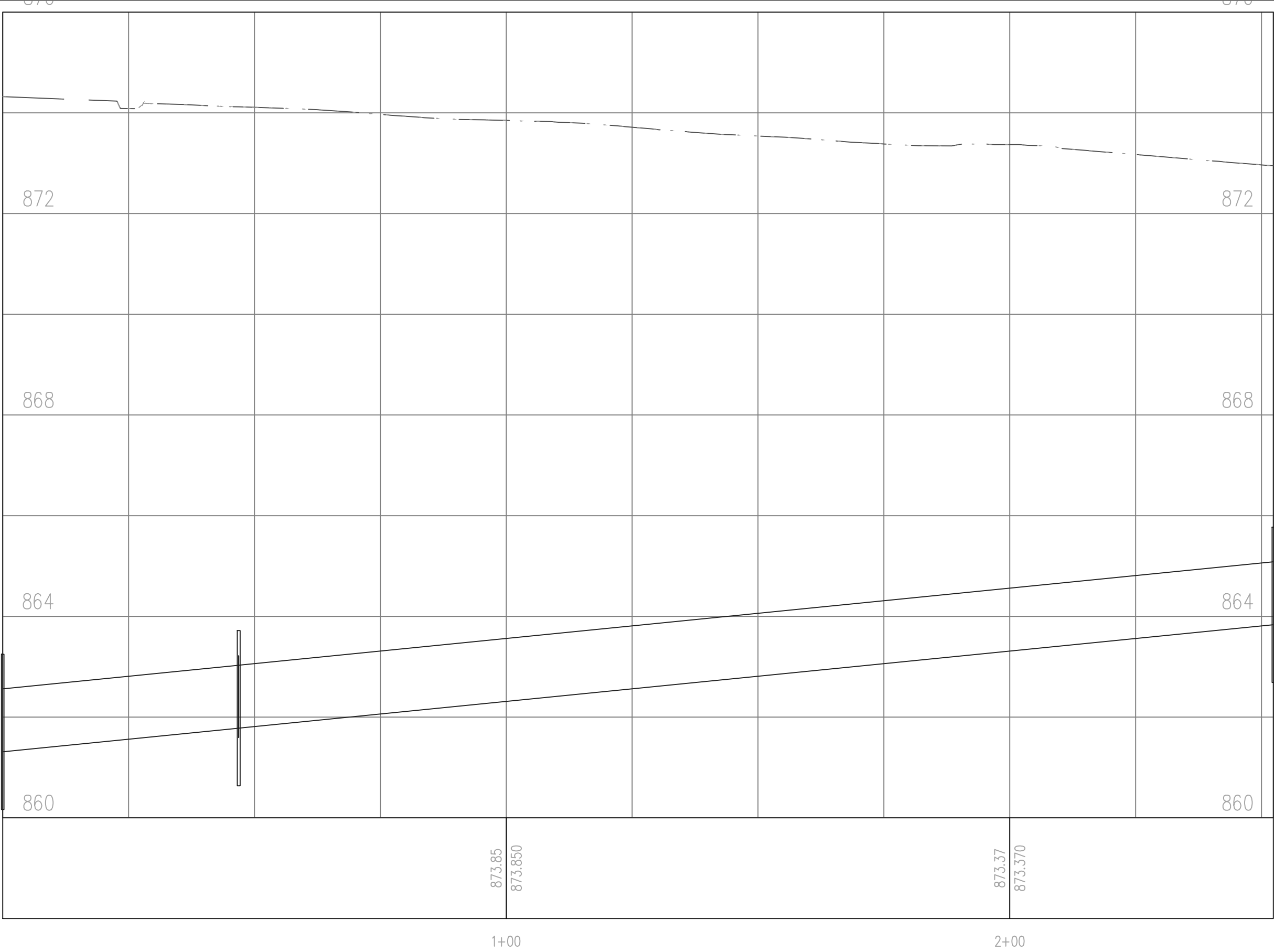
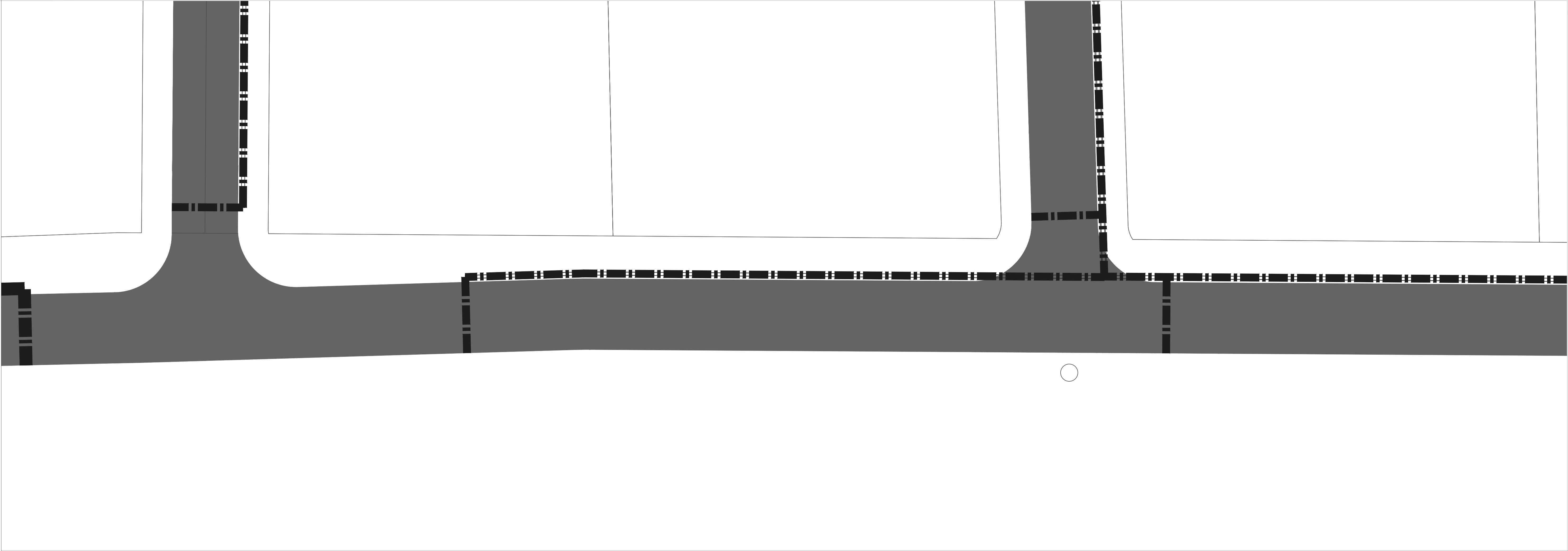
THE UNIVERSITY OF IOWA
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4105 SEAMANS CENTER FOR THE
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HARVEST RIDGE
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME
STORM SEWER
PLAN & PROFILE

SHEET NO.
C404



PROJECT: CEE: 4850

DATE : 05/09/2025

DRAWN BY: KTH

REVISION:

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CIVIL AND ENVIRONMENTAL ENGINEERING

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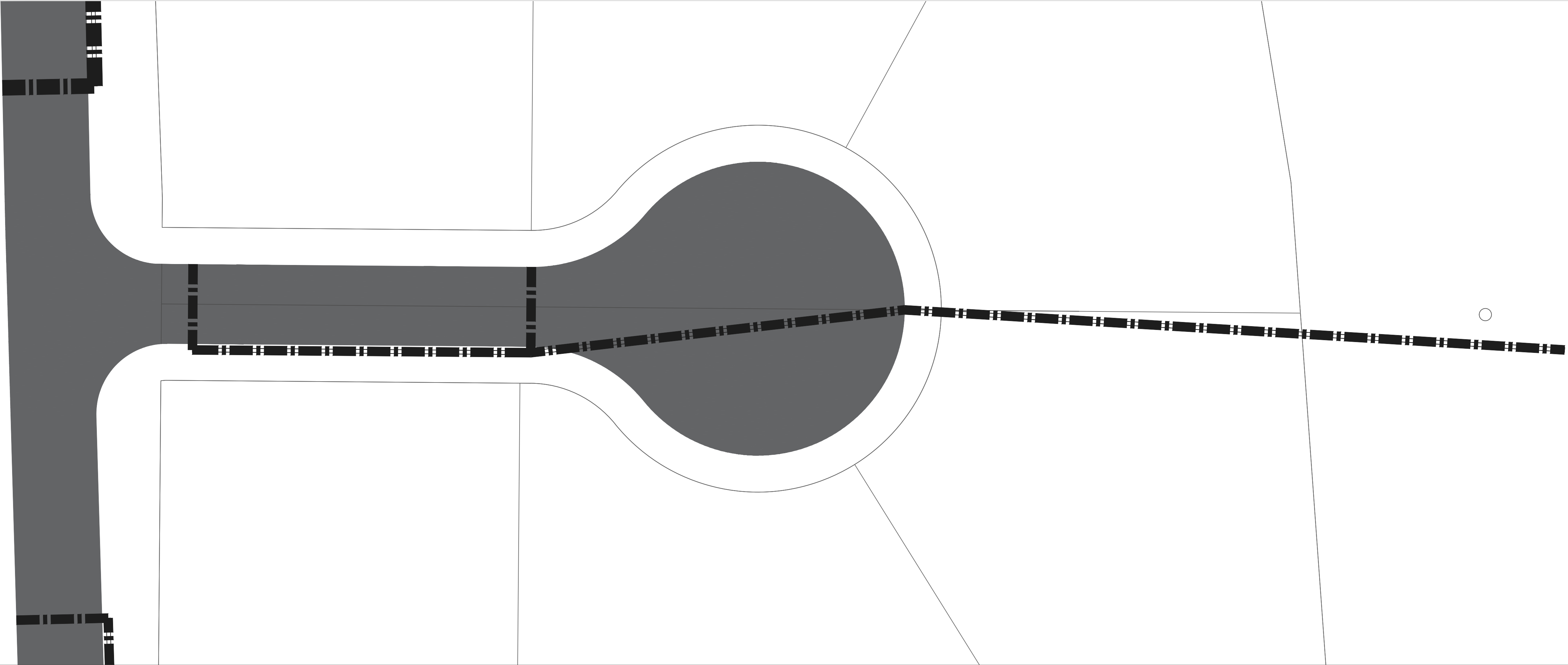
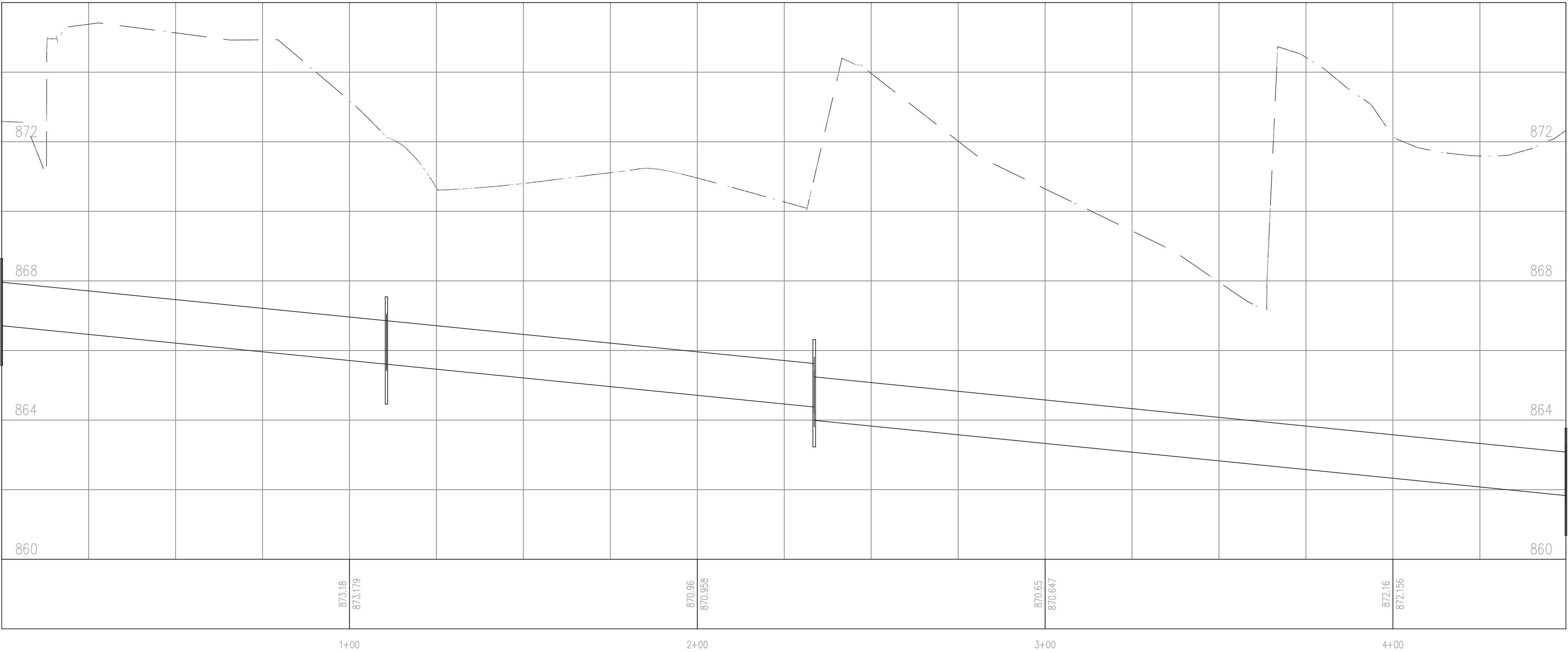
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

STORM SEWER
PLAN & PROFILE

SHEET NO.

C405



PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	KTH
REVISION:	

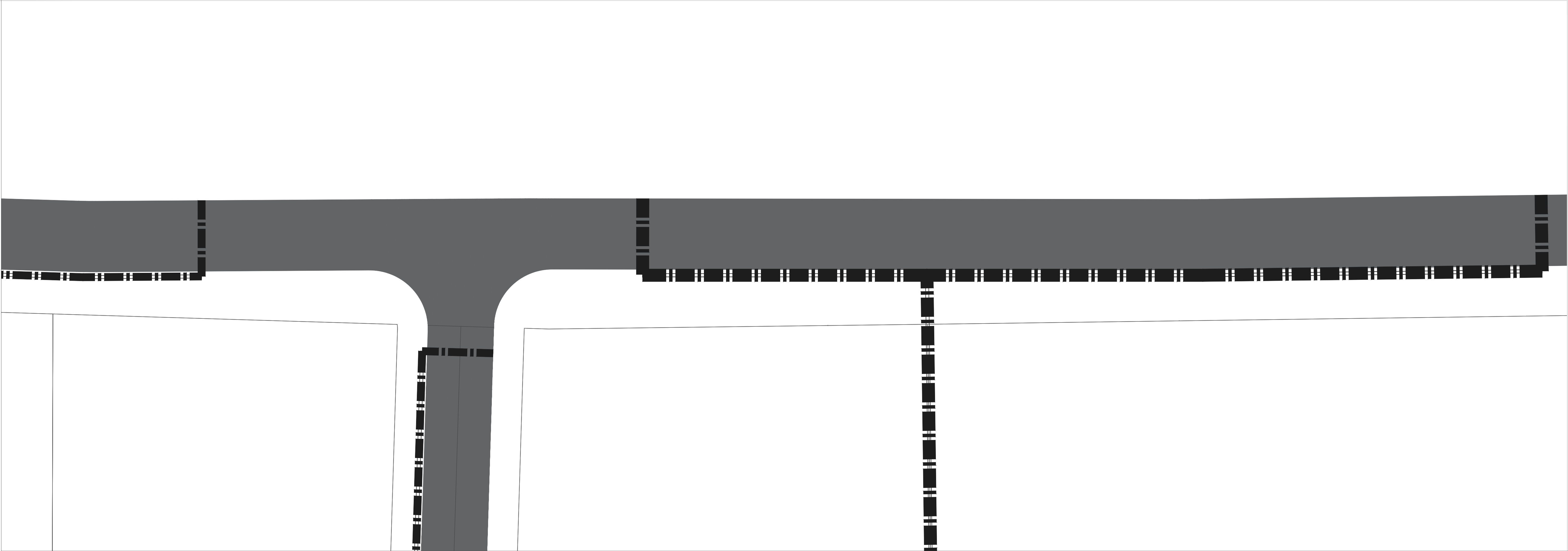
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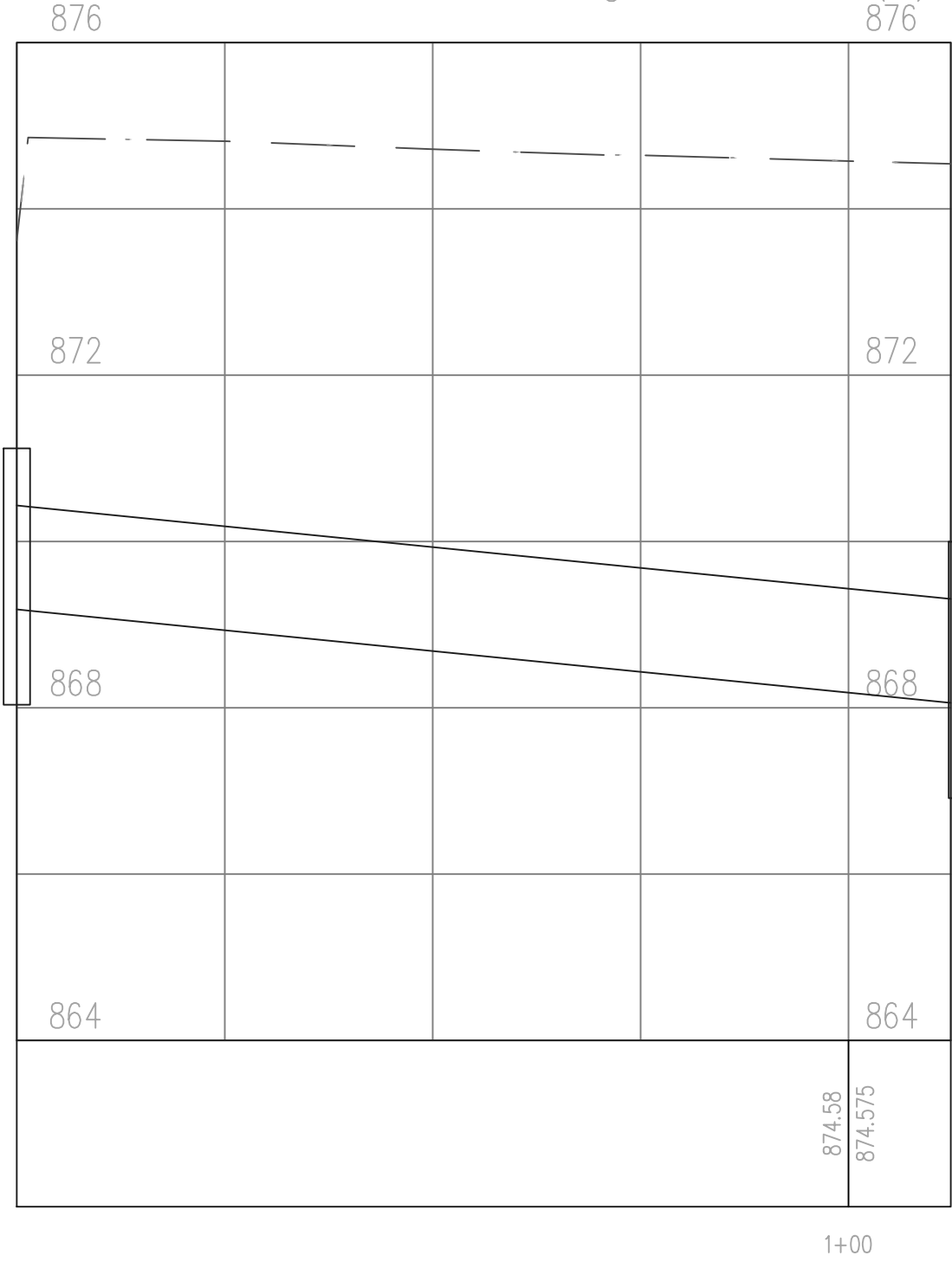
HARVEST RIDGE
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME
STORM SEWER
PLAN & PROFILE

SHEET NO.
C406



Park AVE South North STRM Alignment – (1) PROFILE



PROJECT: CEE: 4850

DATE : 05/09/2025

DRAWN BY: KTH

REVISION:

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CIVIL AND ENVIRONMENTAL ENGINEERING

4105 SEAMANS CENTER FOR THE
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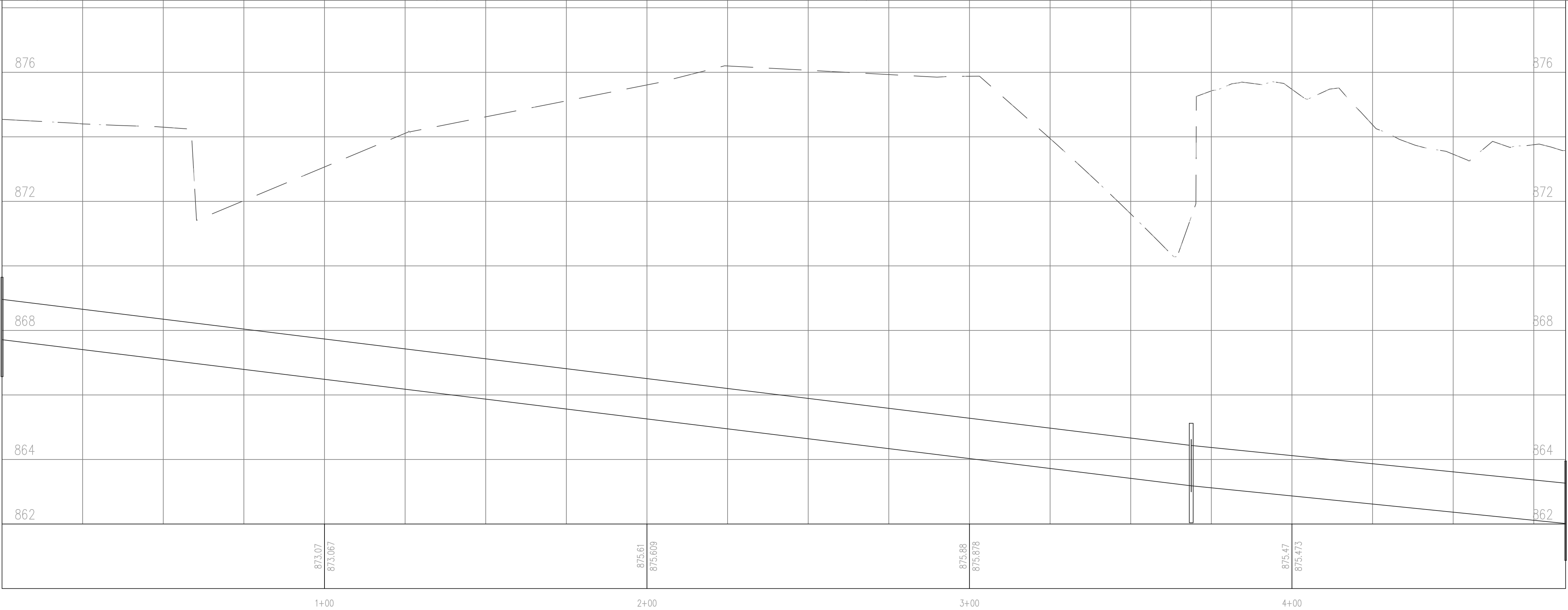
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

STORM SEWER
PLAN & PROFILE

SHEET NO.

C407



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PROJECT: CEE: 4850
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DRAWN BY: KTH
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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

STORM SEWER
PLAN & PROFILE

SHEET NO.

C408

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HARVEST RIDGE

S PARK AVE
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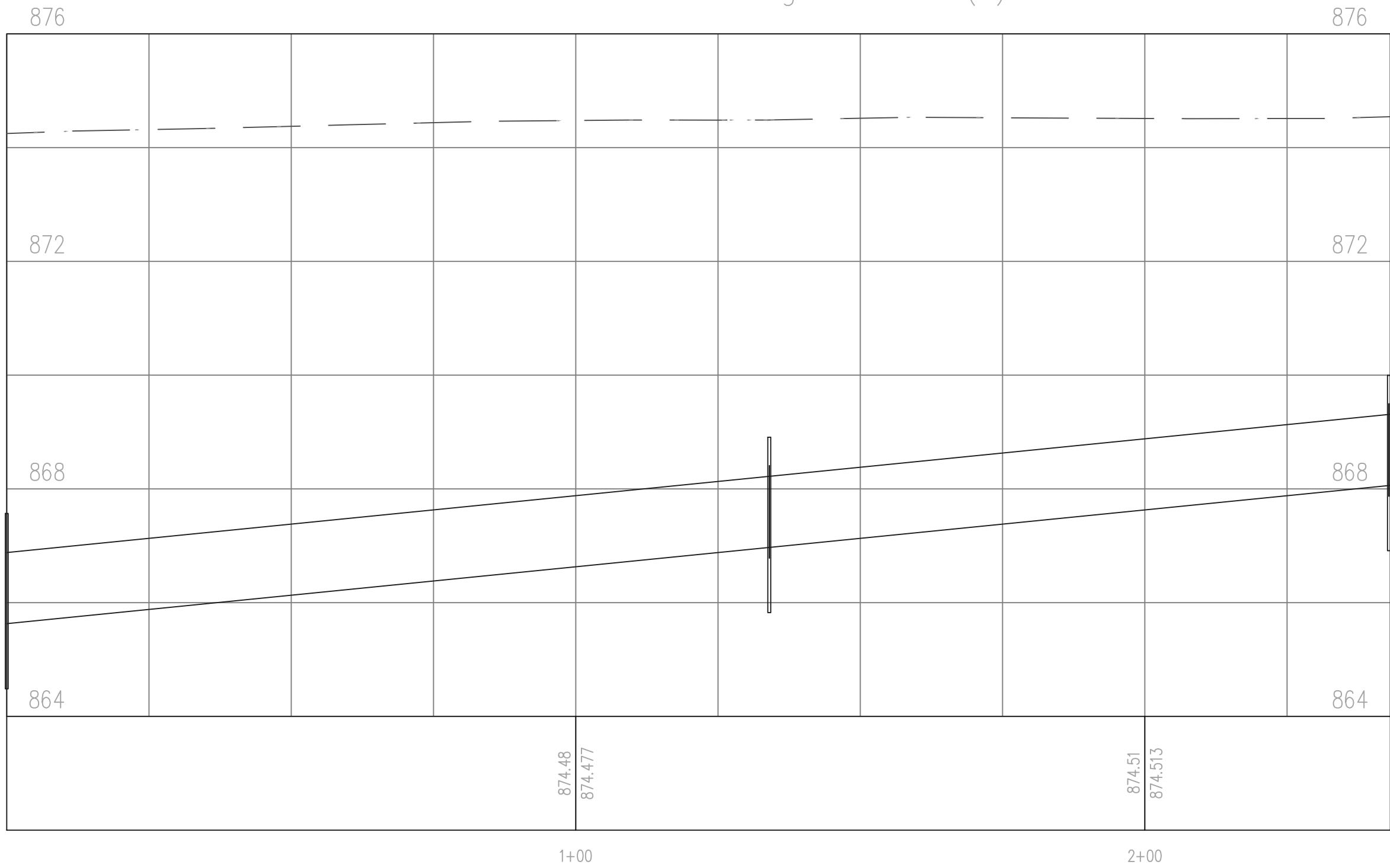
SHEET NAME

STORM SEWER
PLAN & PROFILE

SHEET NO.

C409

Park AVE South South STRM Alignment – (1) PROFILE





E DEPOT ST

S RAILROAD ST

EXISTING RAILROAD

S PARK AVE

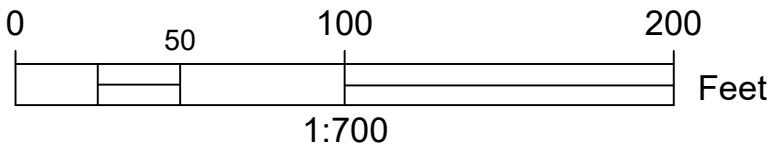
LEGEND



PROPERTY LINE



PROPOSED 2' CONTOUR LINES



THE UNIVERSITY OF IOWA
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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

GRADING PLAN

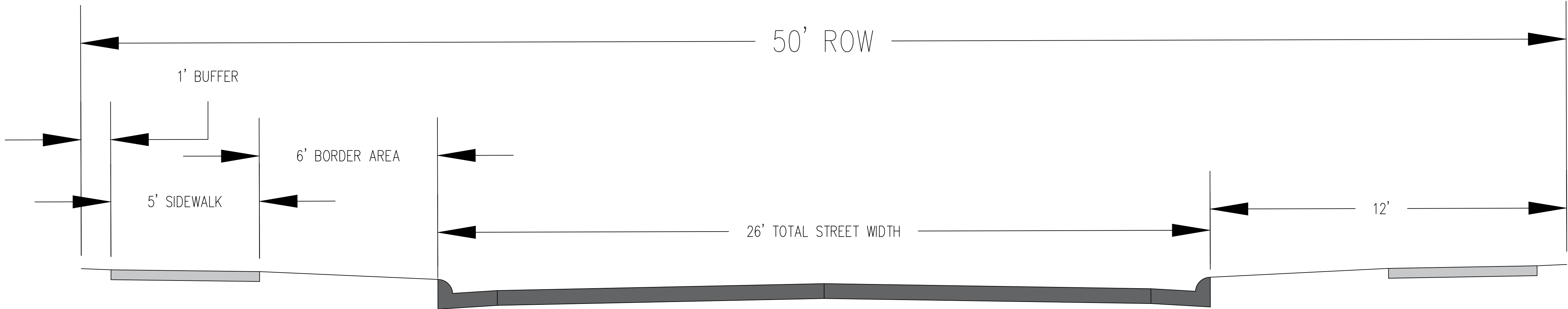
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C501

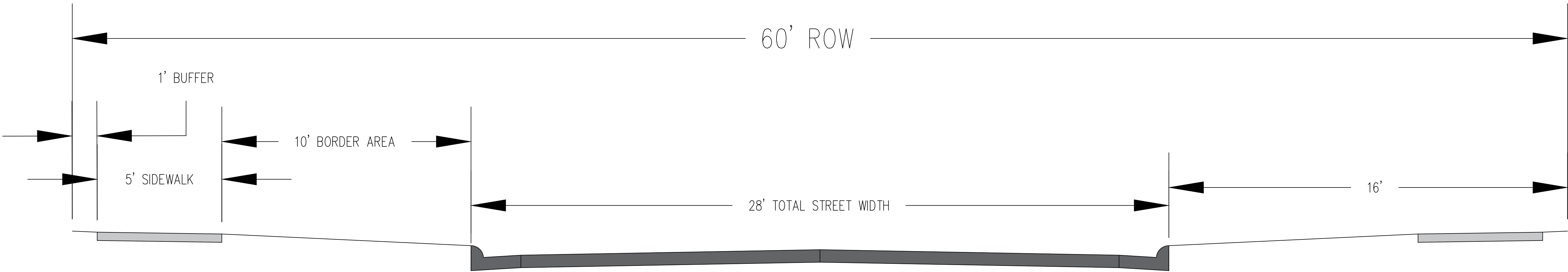
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PROJECT: CEE: 4850
DATE : 05/09/2025
DRAWN BY: KTH
REVISION:

LOCAL STREET



ARTERIAL STREET



PROJECT:	CEE: 4850
DATE :	05/09/2025
DRAWN BY:	BHV
REVISION:	

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HOUSING SUBDIVISION

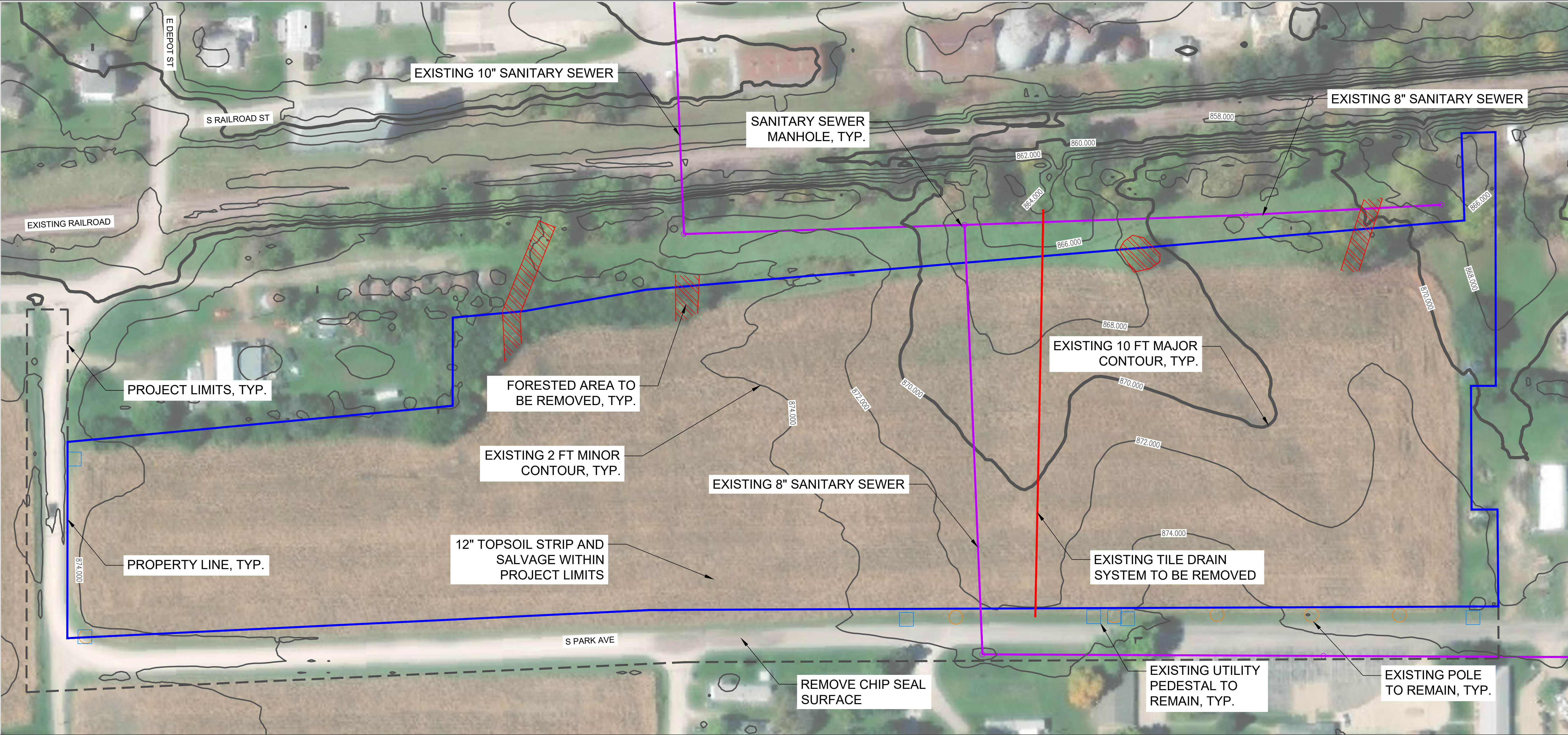
S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

DETAIL SHEET

SHEET NO.

C601

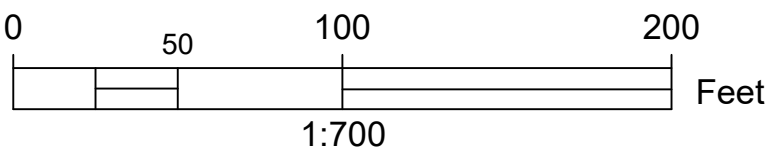


GENERAL NOTES

- 1. THE LOCATION OF ALL UTILITIES AND STRUCTURES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS. THE EXACT LOCATIONS AND ELEVATIONS MUST BE VERIFIED BY FIELD SURVEY.
- 2. IT SHALL BE THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.
- 3. THE FULL EXTENT OF THE TILE DRAINAGE SYSTEM IS NOT SHOWN. FIELD LOCATE AND REMOVE ENTIRE TILE SYSTEM.

LEGEND

- SANITARY SEWER
- PROPERTY LINE
- PROJECT LIMITS
- DRAIN TILE
- SANITARY SEWER STRUCTURE
- LIGHT POLE
- UTILITY PEDESTAL
- FORESTED AREA



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HARVEST RIDGE

S PARK AVE
NEW SHARON, IA 50207

SHEET NAME

EXISTING COND.
DEMO PLAN

SHEET NO.

CD01

PROJECT: CEE: 4850
DATE : 05/09/2025
DRAWN BY: BAH
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