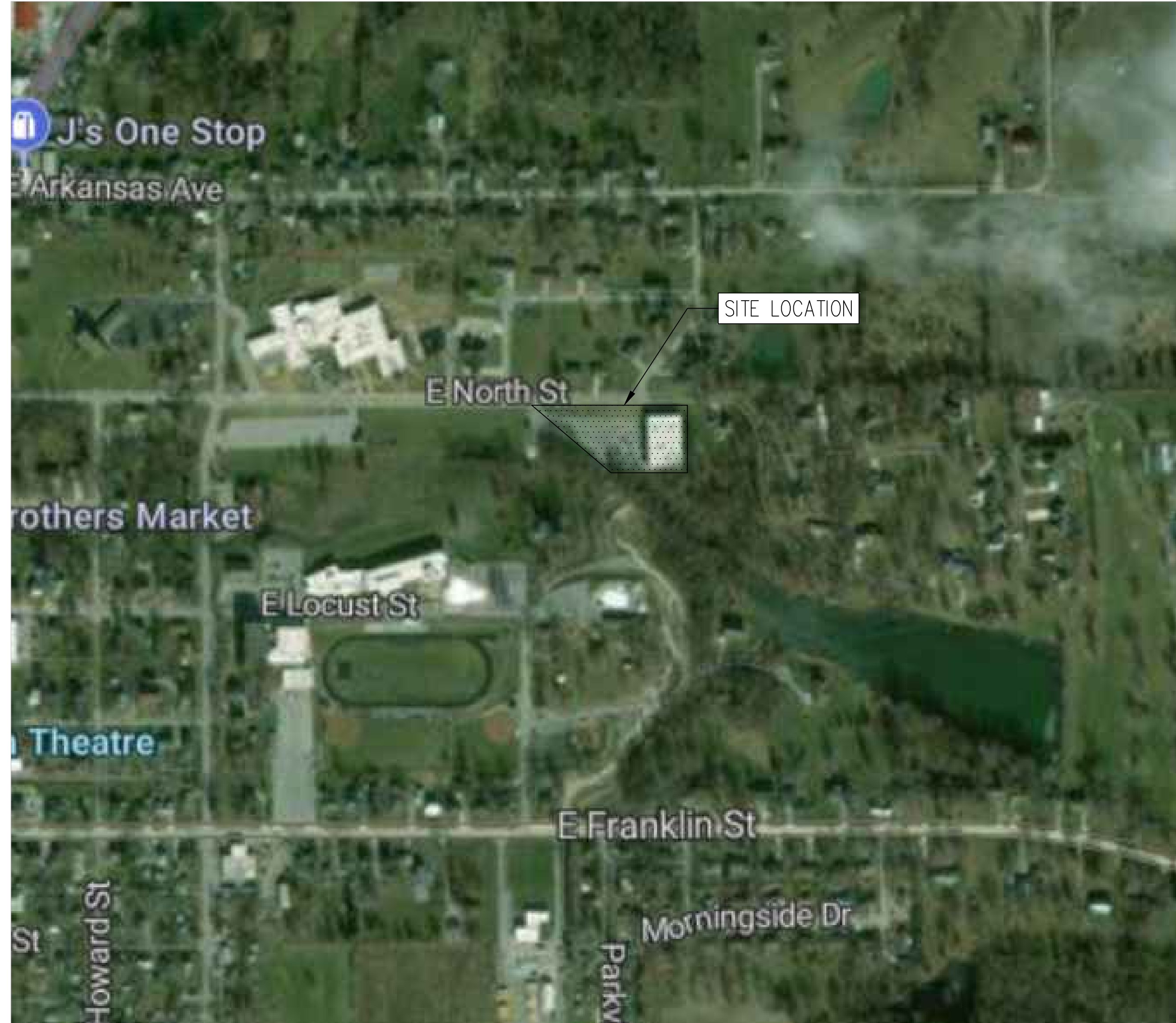


# MUTCHLER COMMUNITY CENTER

900 E NORTH STREET  
BLOOMFIELD, IA 52537

NOTE:  
THE LOCATION OF ALL CONTOURS AND ELEVATION DATA ARE TAKEN FROM IOWA DNR PUBLIC RECORDS. THE EXACT ELEVATIONS MUST BE DETERMINED BY THE CONTRACTOR. IT SHALL BE THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.



**GENERAL NOTES:**

1. ALL DEBRIS SPILLED ON THE STREETS OR ADJACENT PROPERTY SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR
2. ALL CONSTRUCTION PROCEDURES AND MATERIAL TO MEET OR EXCEED MINIMUM REQUIREMENTS OF THE CITY
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE PLANS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY AND ALL APPROPRIATE SAFETY REGULATIONS.
4. THE CONTRACTOR SHALL FURNISH AND PLACE ALL NECESSARY SIGNS AND BARRICADES DURING CONSTRUCTION IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GIVING THE CITY PROPER NOTICE FOR THEIR REQUIRED INSPECTIONS.
6. THE CONTRACTOR IS RESPONSIBLE FOR CLEARING AND GRUBBING THE SITE, AND REMOVAL & DISPOSAL OF ANY DELETERIOUS AND EXCESS MATERIALS FROM THE SITE.
7. ANY DAMAGE DONE TO THE EXISTING YARDS OR OTHER IMPROVEMENTS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL REQUIRED PERMITS FOR PERFORMING THE WORK INCLUDING SIDEWALK, DRIVEWAY APPROACH, PARKING LOT, AND ANY ARCHITECTURAL DESIGN.
9. THIS DESIGN WAS PERFORMED BY CIVIL ENGINEERING STUDENTS WHO ARE NOT LICENSED. ANY USE OF THESE SHEETS MUST BE APPROVED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER.

## Sheet List Table

| Sheet Number | Sheet Title                    |
|--------------|--------------------------------|
| --           | COVER                          |
| C-100        | EXISTING CONDITIONS            |
| C-101        | LOT PROPOSAL IMPROVEMENTS      |
| C-102        | PARKING LOT SECTIONS           |
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| C-104        | DRAINAGE SWALE SHEETS - PNP 1  |
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| C-109        | DRAINAGE SWALE SHEETS - PNP 6  |
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| C-114        | CIVIL DETAILS                  |
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| A2           | GAME ROOM PROP. LAYOUT         |
| A3           | GYM ROOM PROP LAYOUT           |
| A4           | SECOND FLOOR EXISTING LAYOUT   |
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| A6           | CROSS-SECTIONS PROPOSED        |
| A7           | DETAILS PROPOSED               |

PROJECT: CEE: 3003  
DATE : 11/22/2024  
DRAWN BY: KCK  
REVISION: 12/13/2024

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FAX: 319.335.5660  
EMAIL: civil-hawks@iowa.edu



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## MUTCHLER RENOVATIONS

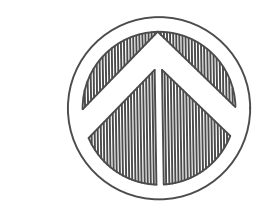
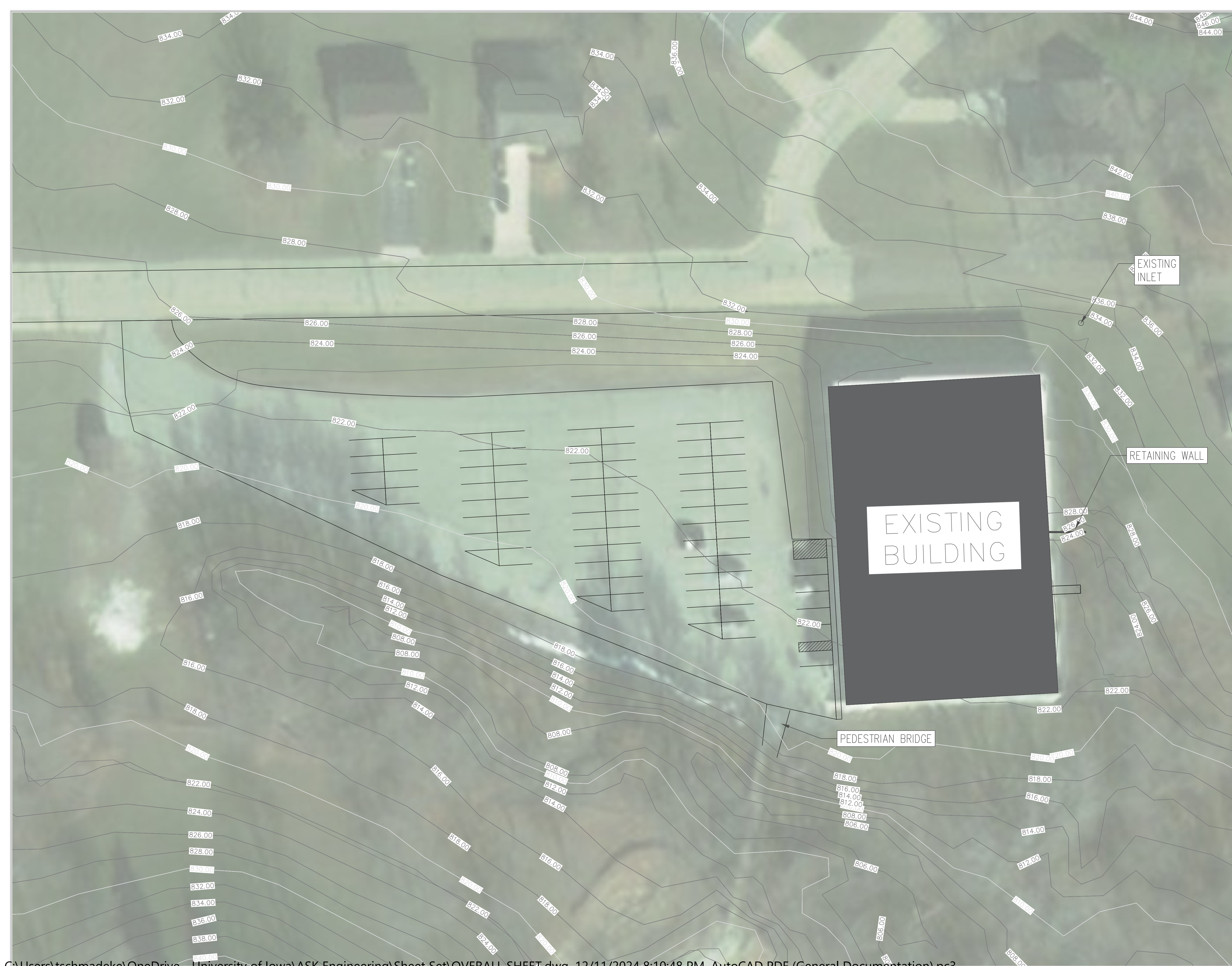
900 E NORTH STREET  
BLOOMFIELD, IOWA

SHEET NAME

COVER

SHEET NO.

1



|           |            |
|-----------|------------|
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| DATE :    | 11/22/2024 |
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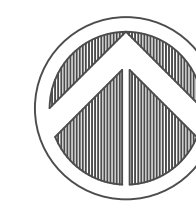
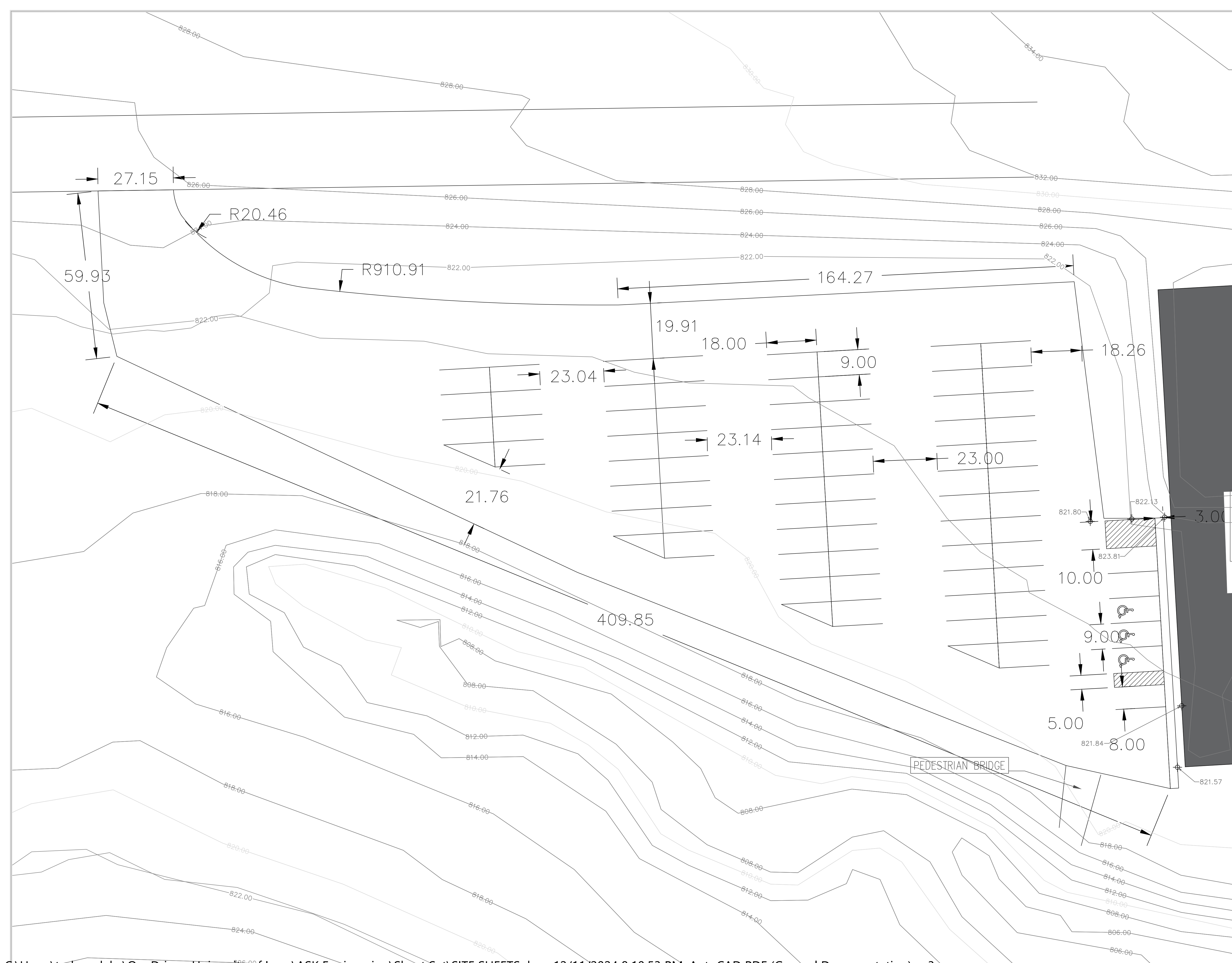


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# MUTCHLER RENOVATIONS

SHEET NAME  
**OVERALL  
 EXISTING  
 CONDITIONS**

SHEET NO.  
**C-001**



PROJECT: CEE: 3003  
 DATE: 11/22/2024  
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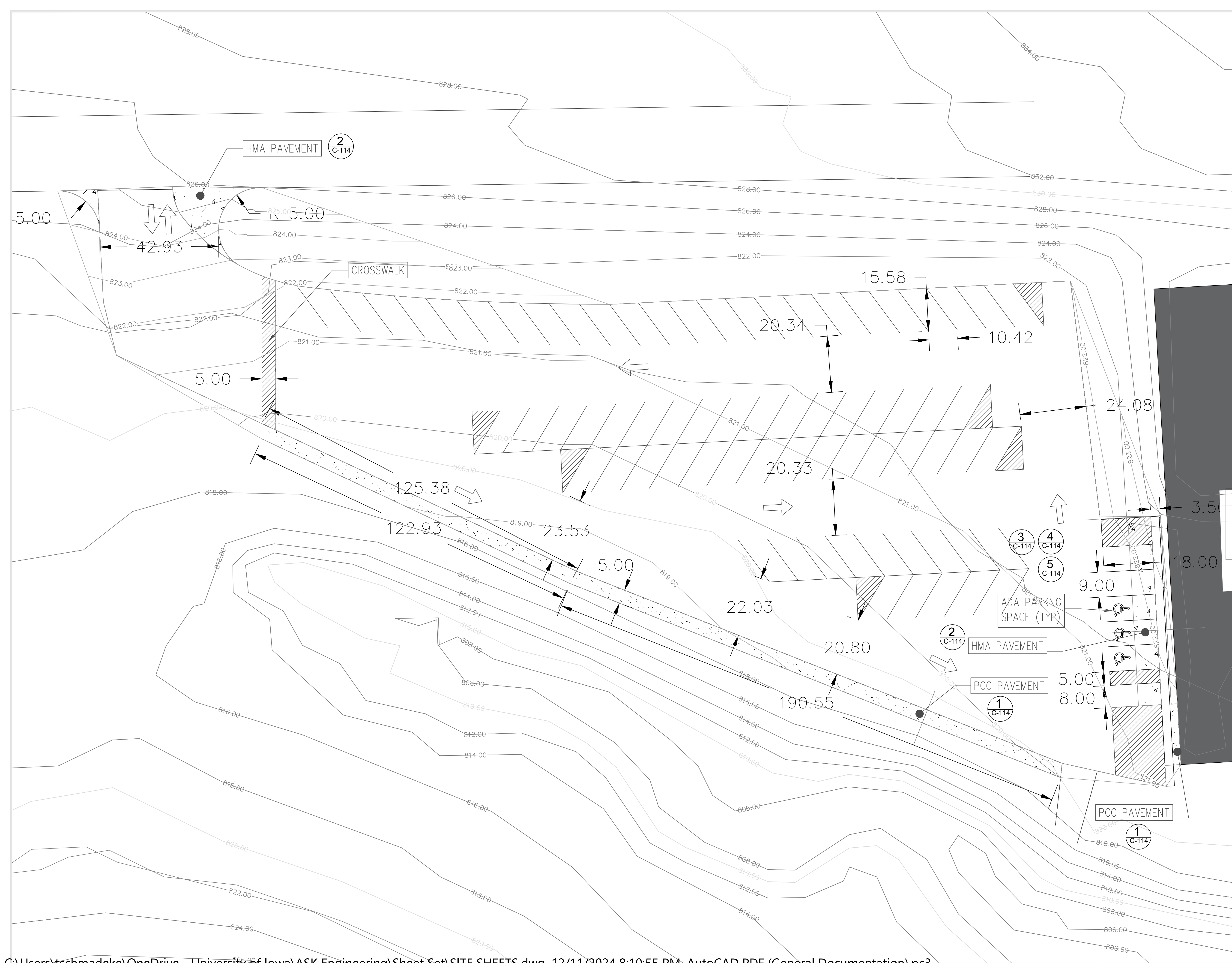
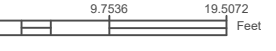
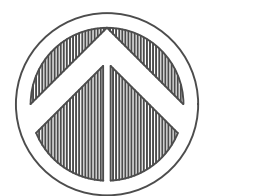
**MUTCHLER RENOVATIONS**

900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 EXISTING  
 CONDITIONS

SHEET NO.

**C-100**



PROJECT: CEE: 3003  
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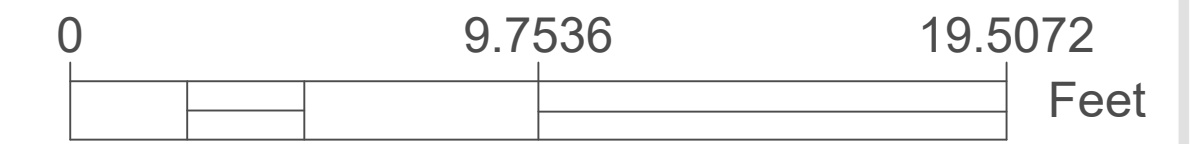
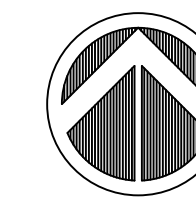
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900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 LOT PROPOSAL  
 IMPROVEMENTS

SHEET NO.  
**C-101**



PROJECT: CEE: 3003  
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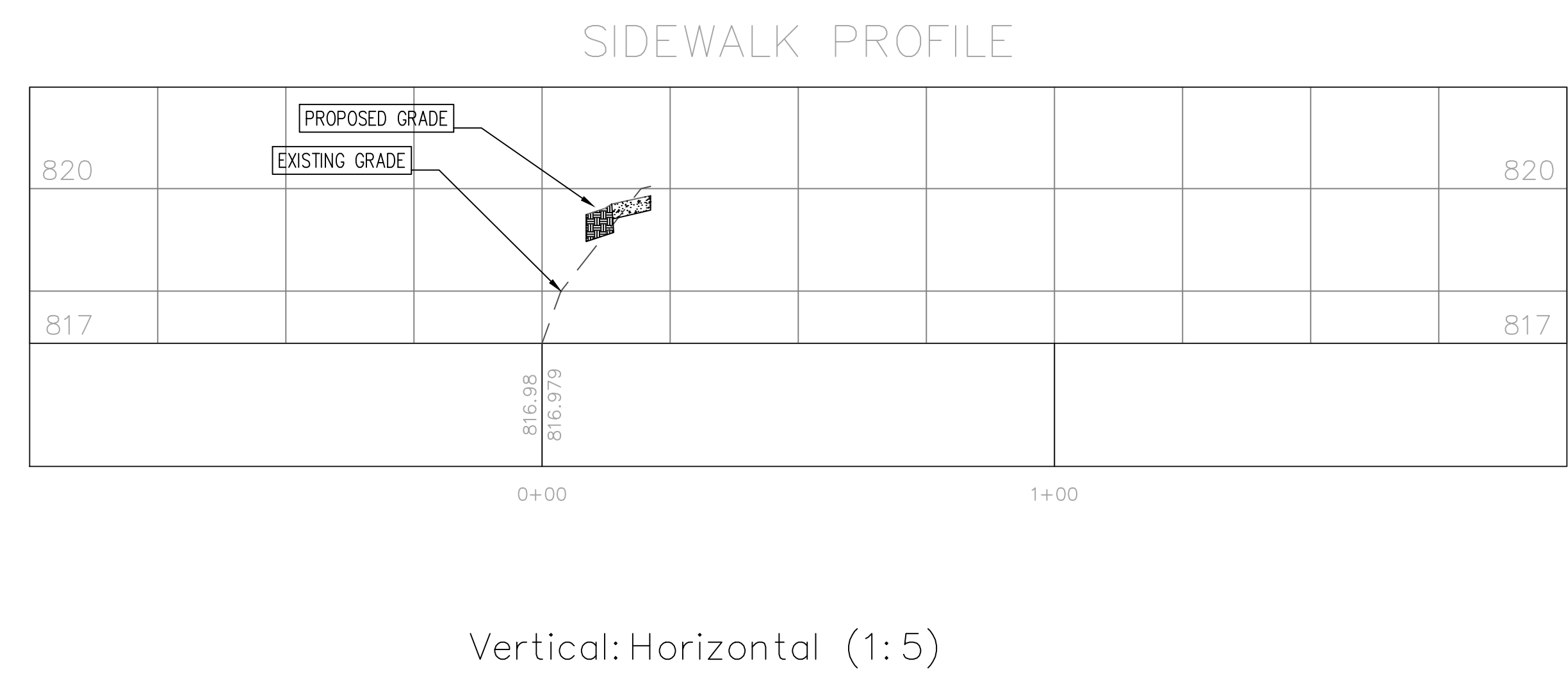
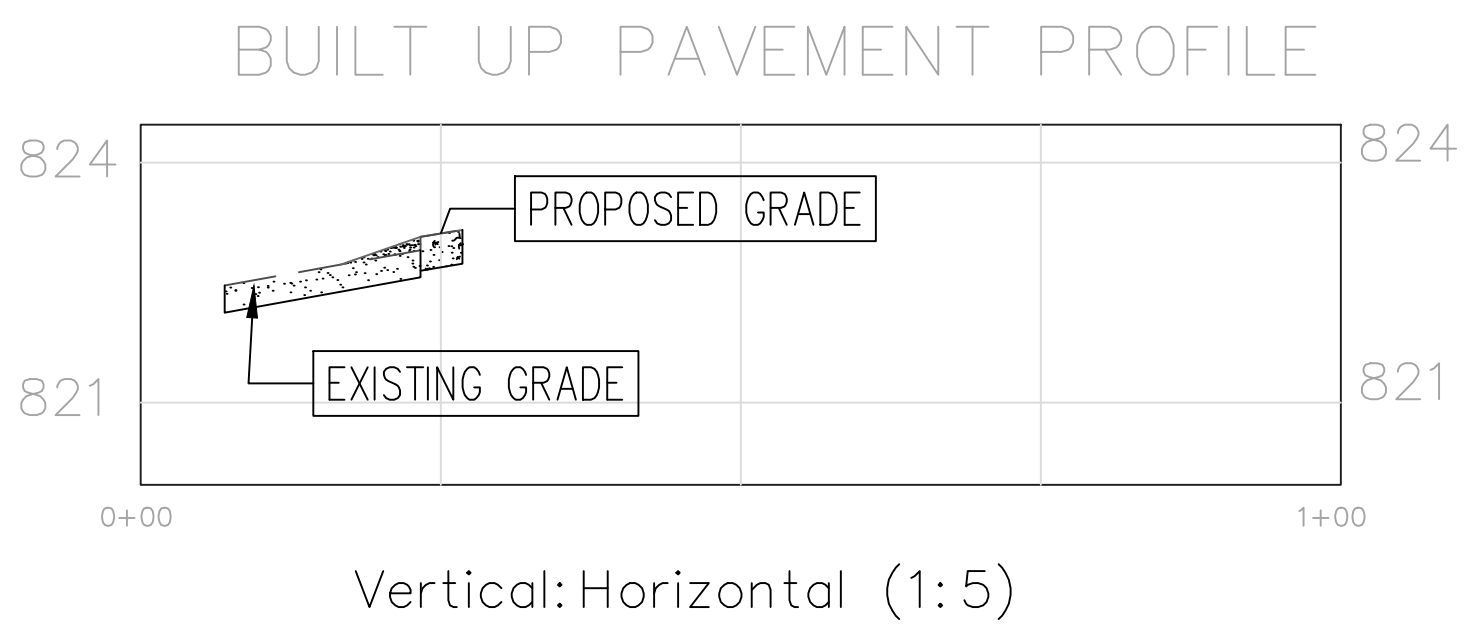
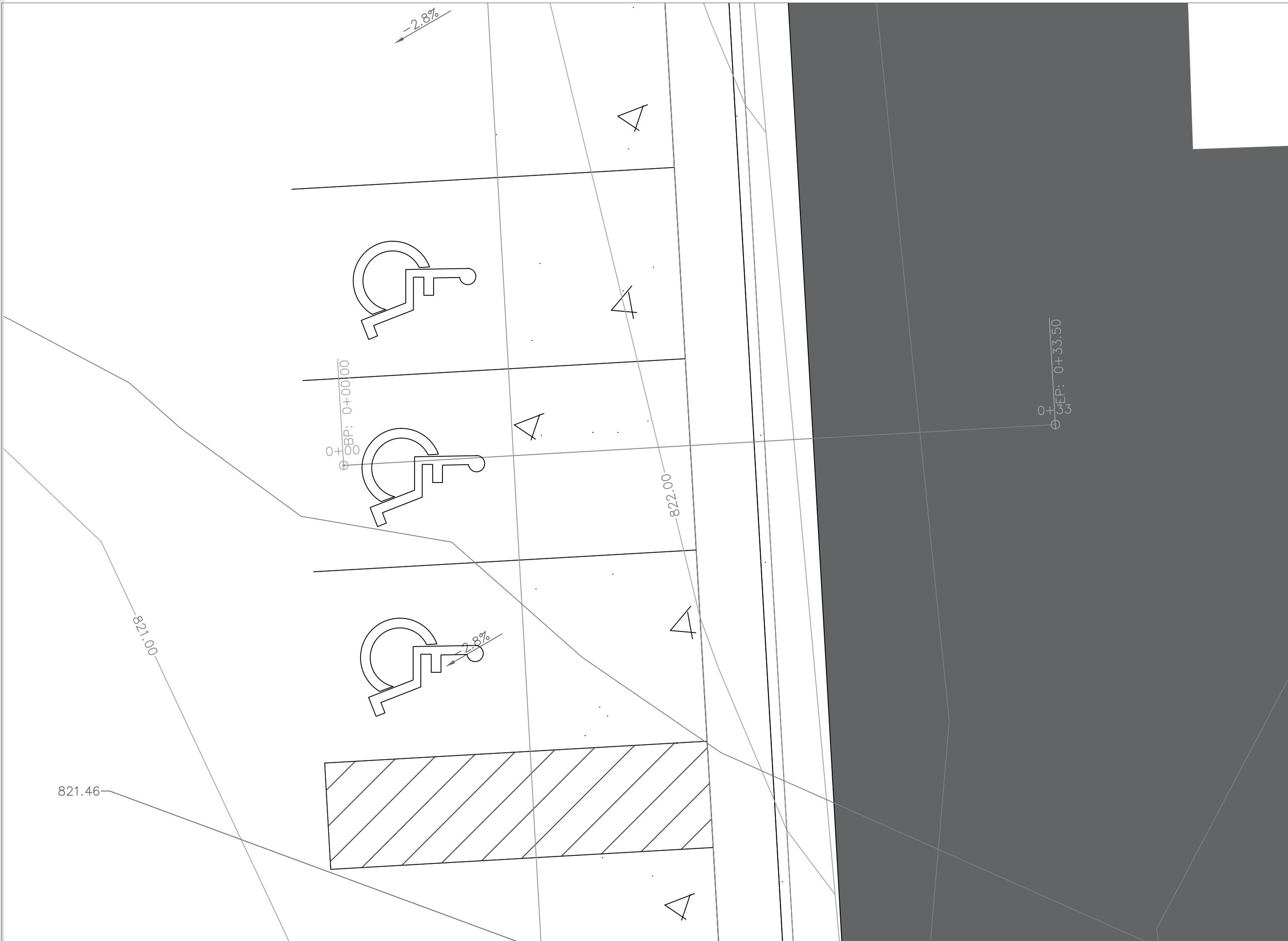
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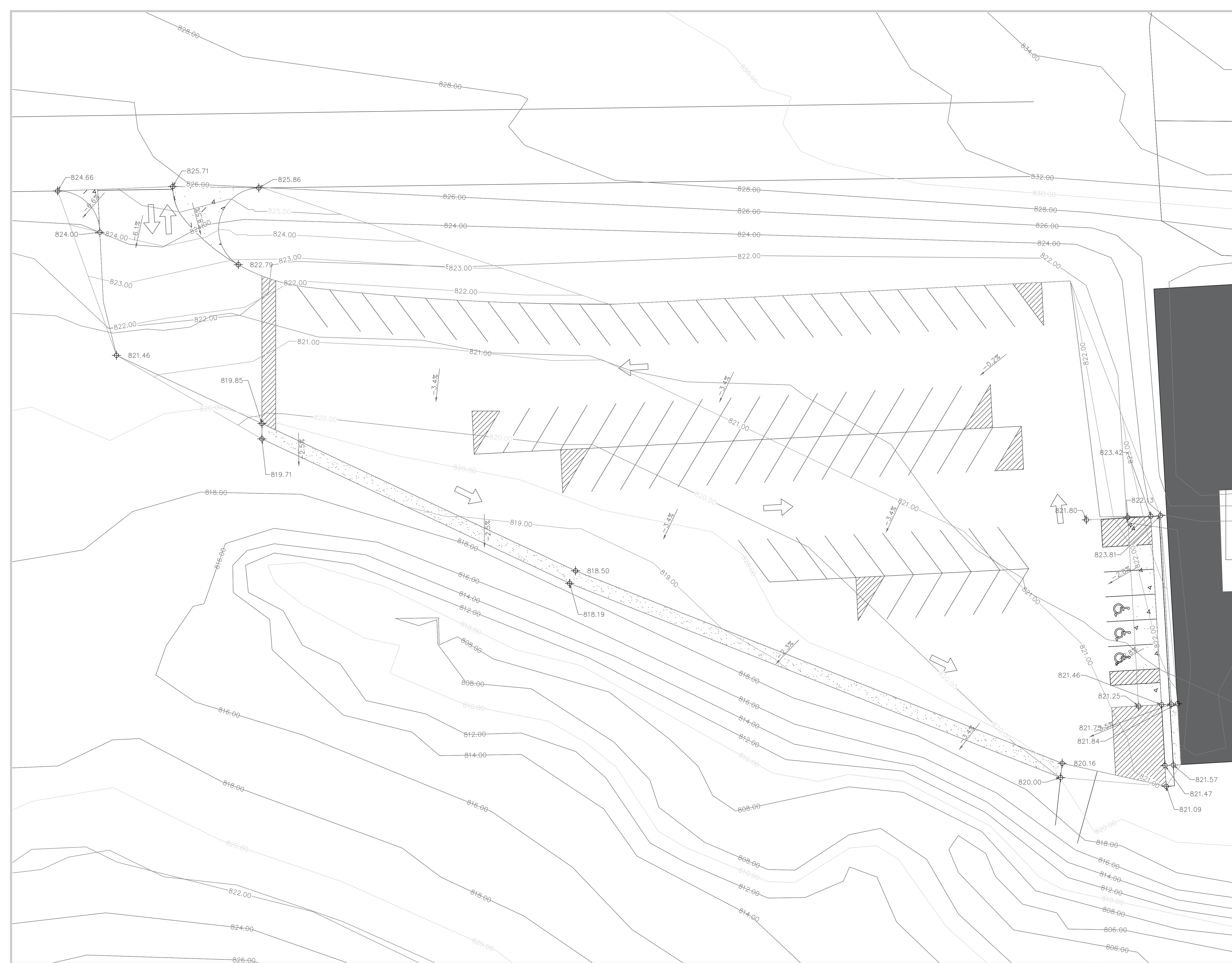
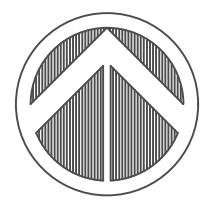
900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 PARKING LOT SECTIONS

SHEET NO.

**C-102**





PROJECT: CEE: 3003  
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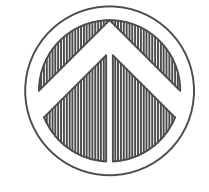
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# MUTCHLER RENOVATIONS

900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 GRADING PLAN

SHEET NO.  
**C-103**



SCALE 1"=1'

| LEGEND |          |
|--------|----------|
|        | PROPOSED |
|        | EXISTING |

BIRD CAGE DROP INLET

CULVERT

EASTERN PROPERTY

RETAINING WALL

EXISTING BUILDING

ELECTRICAL BOX

PROJECT: CEE-3003  
 DATE: 11/22/2024  
 DRAWN BY: KCK  
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# MUTCHLER RENOVATIONS

900 E NORTH STREET  
BLOOMFIELD, IOWA

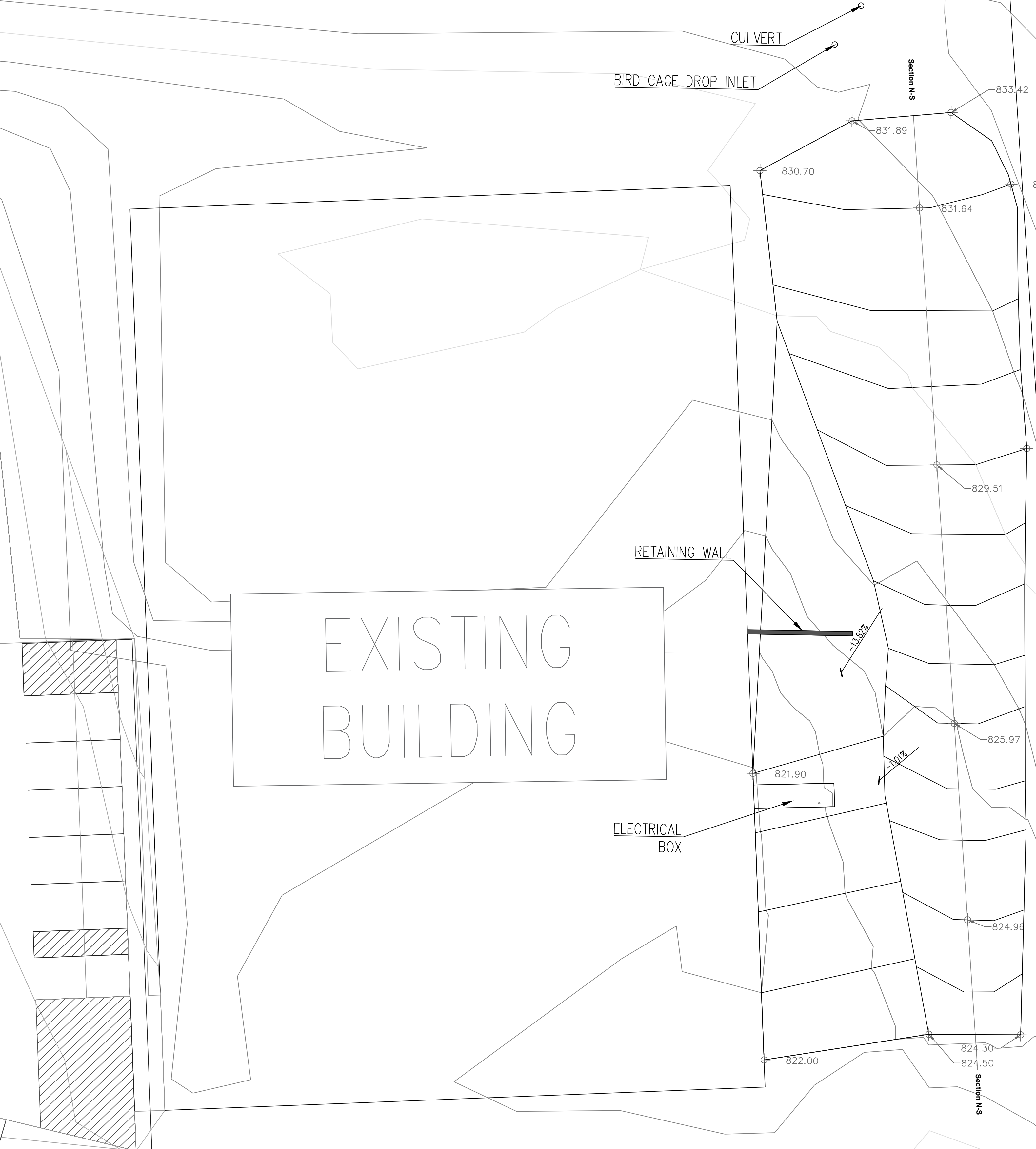
SHEET NAME  
 DRAINAGE SWALE  
 SHEETS-PNP 10

SHEET NO.

# C-104



SCALE 1"=1'



EASTERN PROPERTY

EXISTING BUILDING

RETAINING WALL

ELECTRICAL BOX

BIRD CAGE DROP INLET

CULVERT

|           |            |
|-----------|------------|
| PROJECT:  | CEE: 3003  |
| DATE :    | 11/22/2024 |
| DRAWN BY: | KCK        |
| REVISION: | 12/13/2024 |

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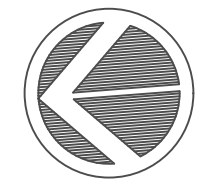
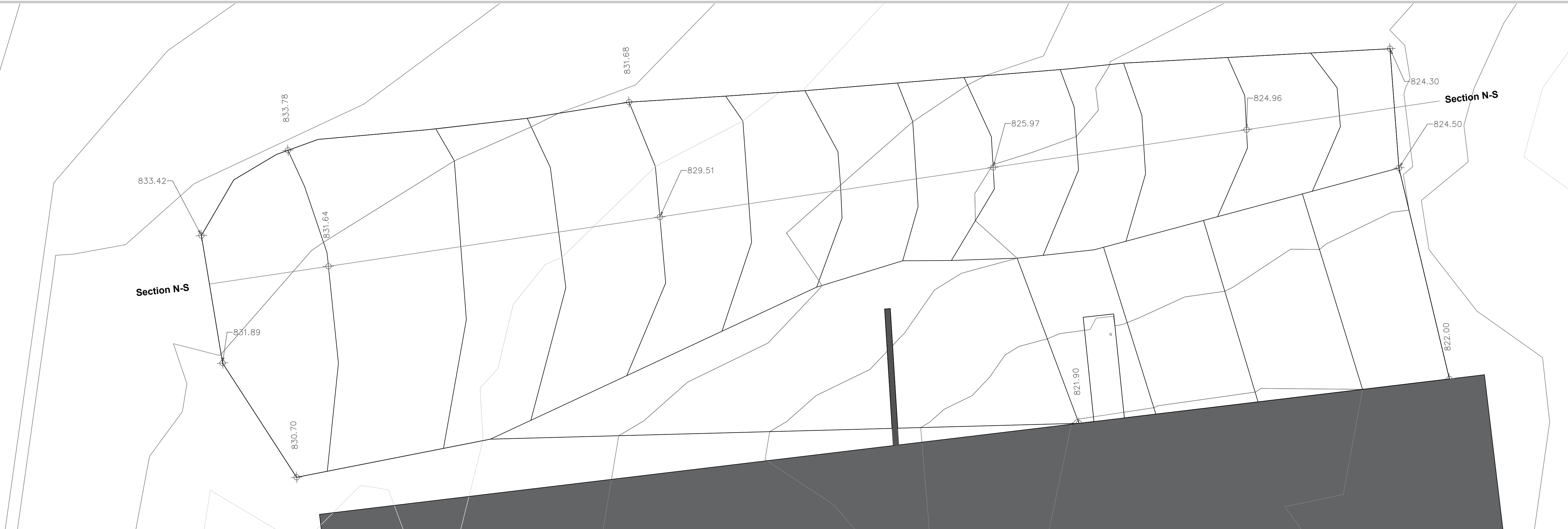
**MUTCHLER RENOVATIONS**

900 E NORTH STREET  
BLOOMFIELD, IOWA

SHEET NAME  
DRAINAGE SWALE SHEETS-PNP 10

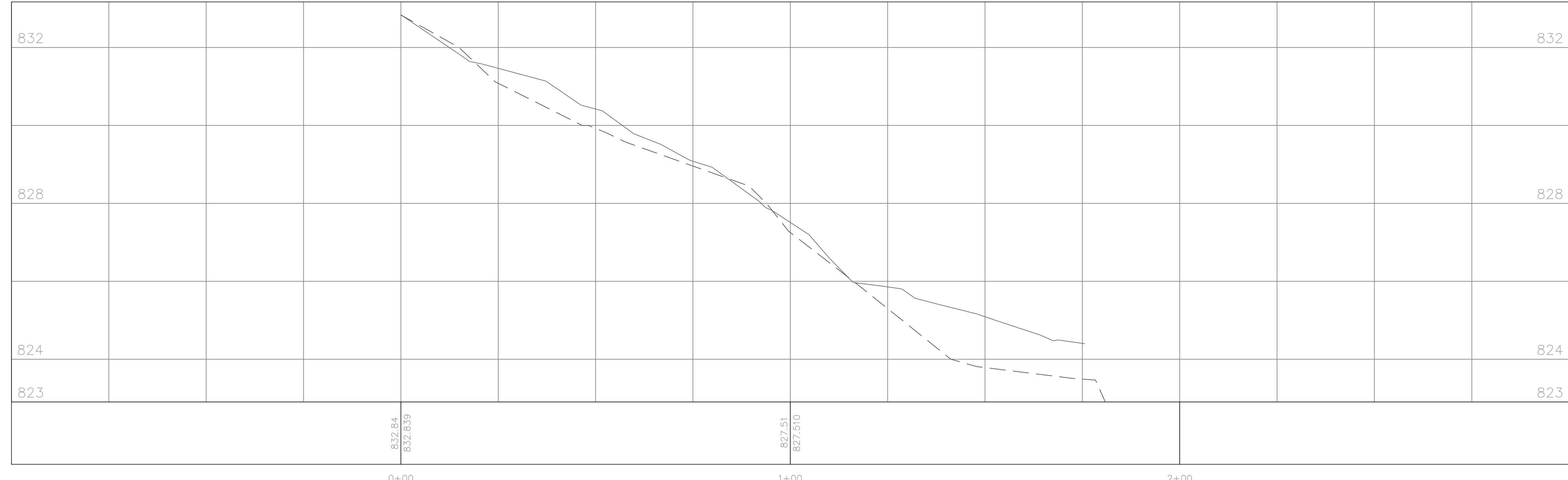
SHEET NO.  
**C-105**





N-S PLAN AND PROFILE - SWALE  
SCALE 1-1/2"=1'

Swale N-S Vertical Scale 5:1 PROFILE



PROJECT: CEE: 3003  
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**MUTCHLER RENOVATIONS**

900 E NORTH STREET  
BLOOMFIELD, IOWA

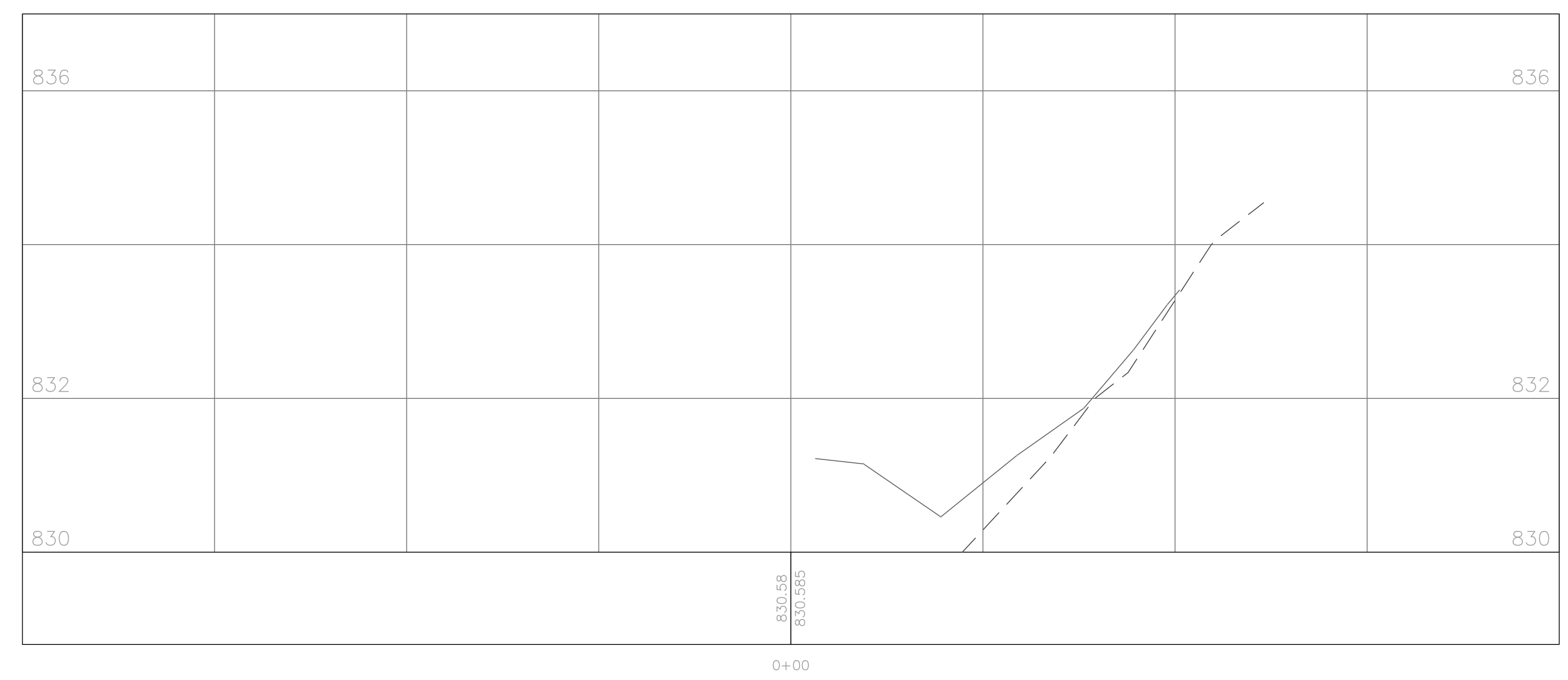
SHEET NAME  
DRAINAGE SWALE  
SHEETS-PNP 1

SHEET NO.  
**C-106**



E-W PLAN AND PROFILE 1 STA. 25+00 - SWALE  
SCALE 3"=1'

Swale E-W Alignment 1 Vertical Scale 5:1 PROFILE



|           |            |
|-----------|------------|
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| DATE :    | 11/22/2024 |
| DRAWN BY: | KCK        |
| REVISION: | 12/13/2024 |

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**MUTCHLER RENOVATIONS**  
 900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 DRAINAGE SWALE SHEETS-PNP 2

SHEET NO.  
**C-107**

PROJECT: CEE: 3003  
 DATE : 11/22/2024  
 DRAWN BY: KCK  
 REVISION: 12/13/2024

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 FAX: 319.335.5660  
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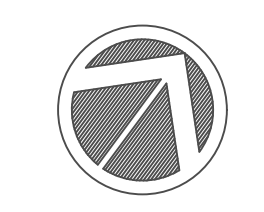
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**MUTCHLER RENOVATIONS**

900 E NORTH STREET  
 BLOOMFIELD, IOWA

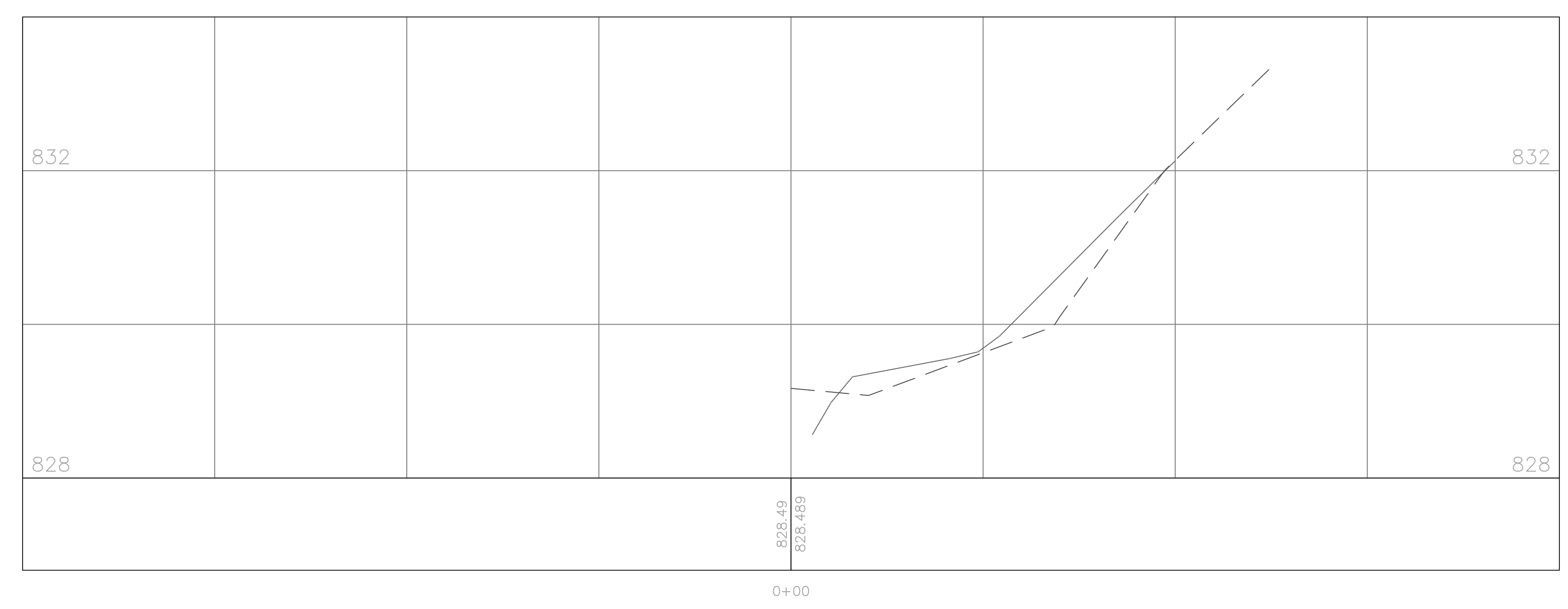
SHEET NAME  
 DRAINAGE  
 SWALE  
 SHEETS-PNP 3

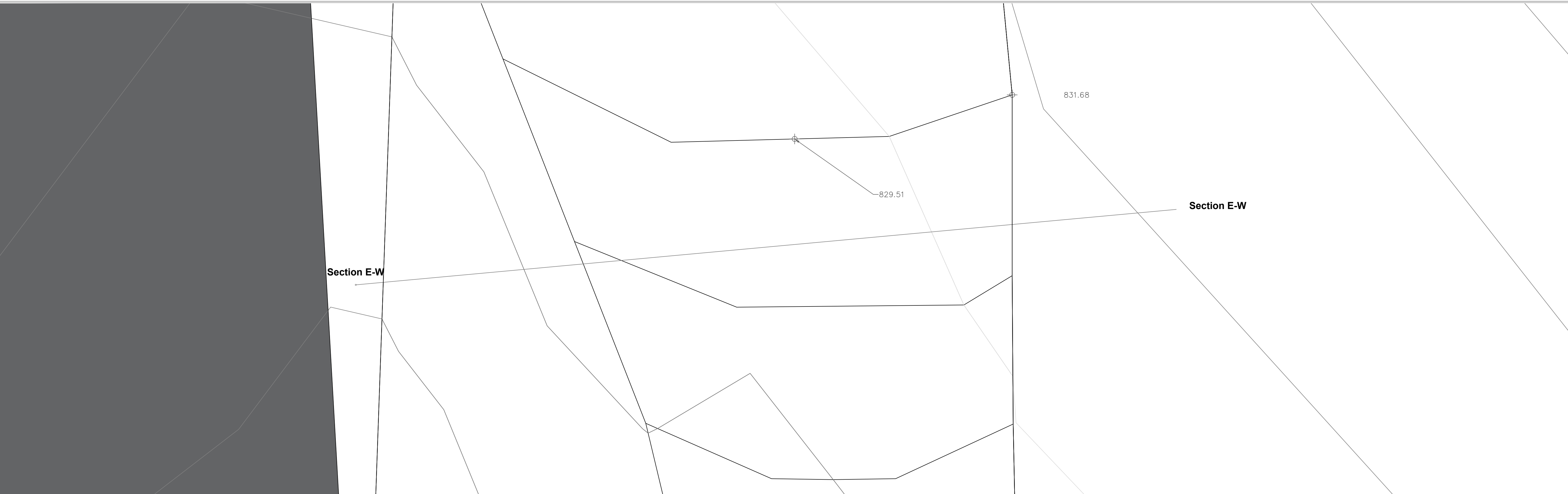
SHEET NO.  
**C-108**



E-W PLAN AND PROFILE 2 STA. 50+00 - SWALE  
 SCALE 3"=1'

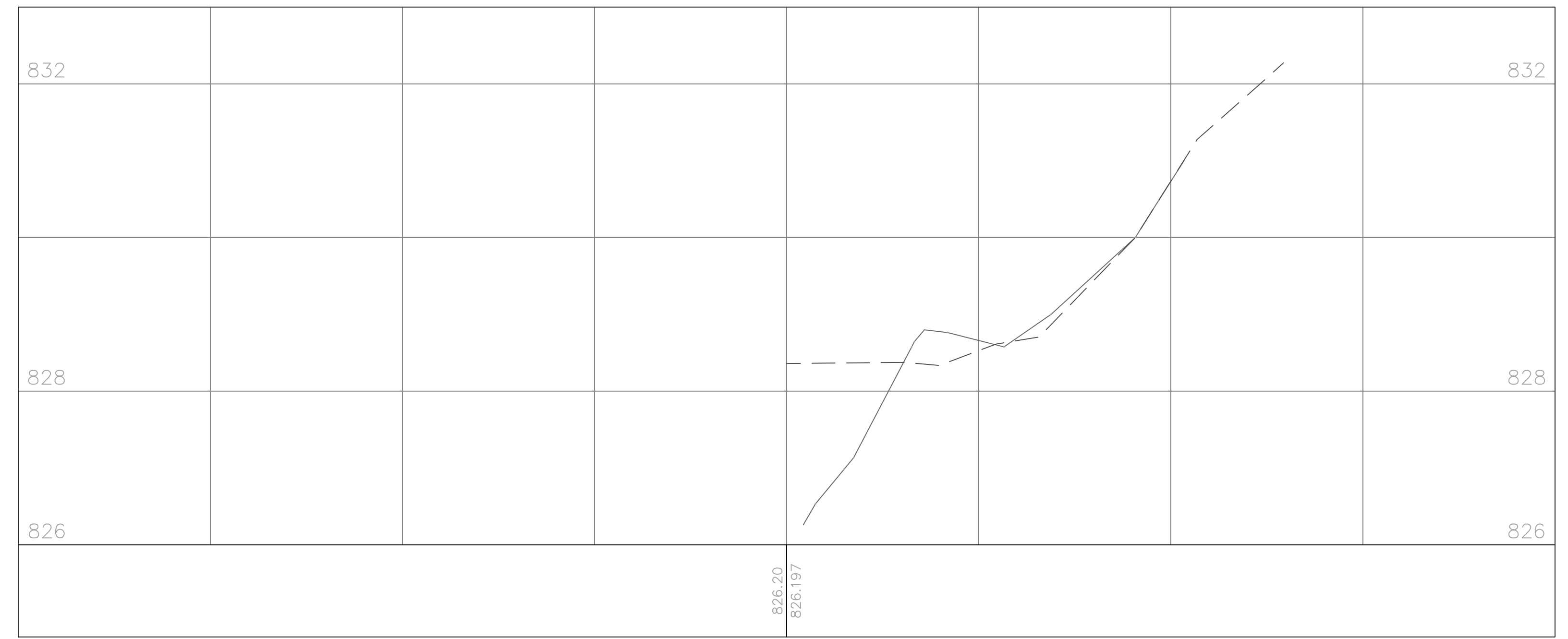
Swale E-W Alignment 2 Vertical Scale 5:1 PROFILE





E-W PLAN AND PROFILE 3 STA. 75+00 - SWALE  
SCALE 3"=1'

Swale E-W Alignment 3 Vertical Scale 5:1 PROFILE



|           |            |
|-----------|------------|
| PROJECT:  | CEE: 3003  |
| DATE :    | 11/22/2024 |
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| REVISION: | 12/13/2024 |

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**MUTCHLER RENOVATIONS**  
 900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 DRAINAGE  
 SWALE  
 SHEETS-PNP 4

SHEET NO.  
**C-109**

RETAINING WALL

Section E-W

Section E-W

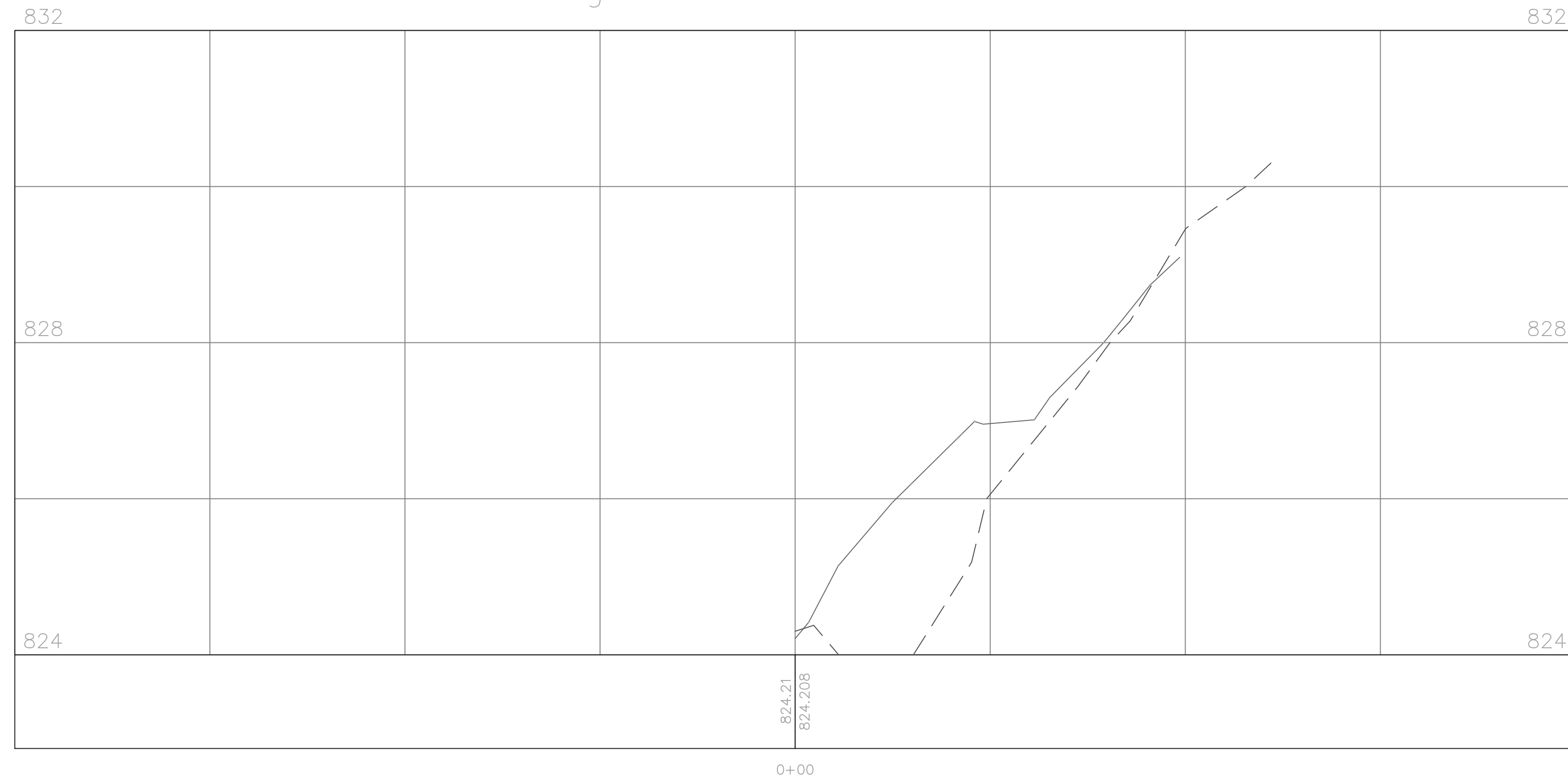
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# E-W PLAN AND PROFILE 4 STA. 100+00 - SWALE

SCALE 3"=1'

### Swale E-W Alignment 4 Vertical Scale 5:1 PROFILE



PROJECT: CEE: 3003  
 DATE: 11/22/2024  
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## MUTCHLER RENOVATIONS

900 E NORTH STREET  
BLOOMFIELD, IOWA

SHEET NAME  
 DRAINAGE  
 SWALE  
 SHEETS-PNP 5

SHEET NO.

# C-110

ELECTRICAL  
BOX

821.90  
Section E-W

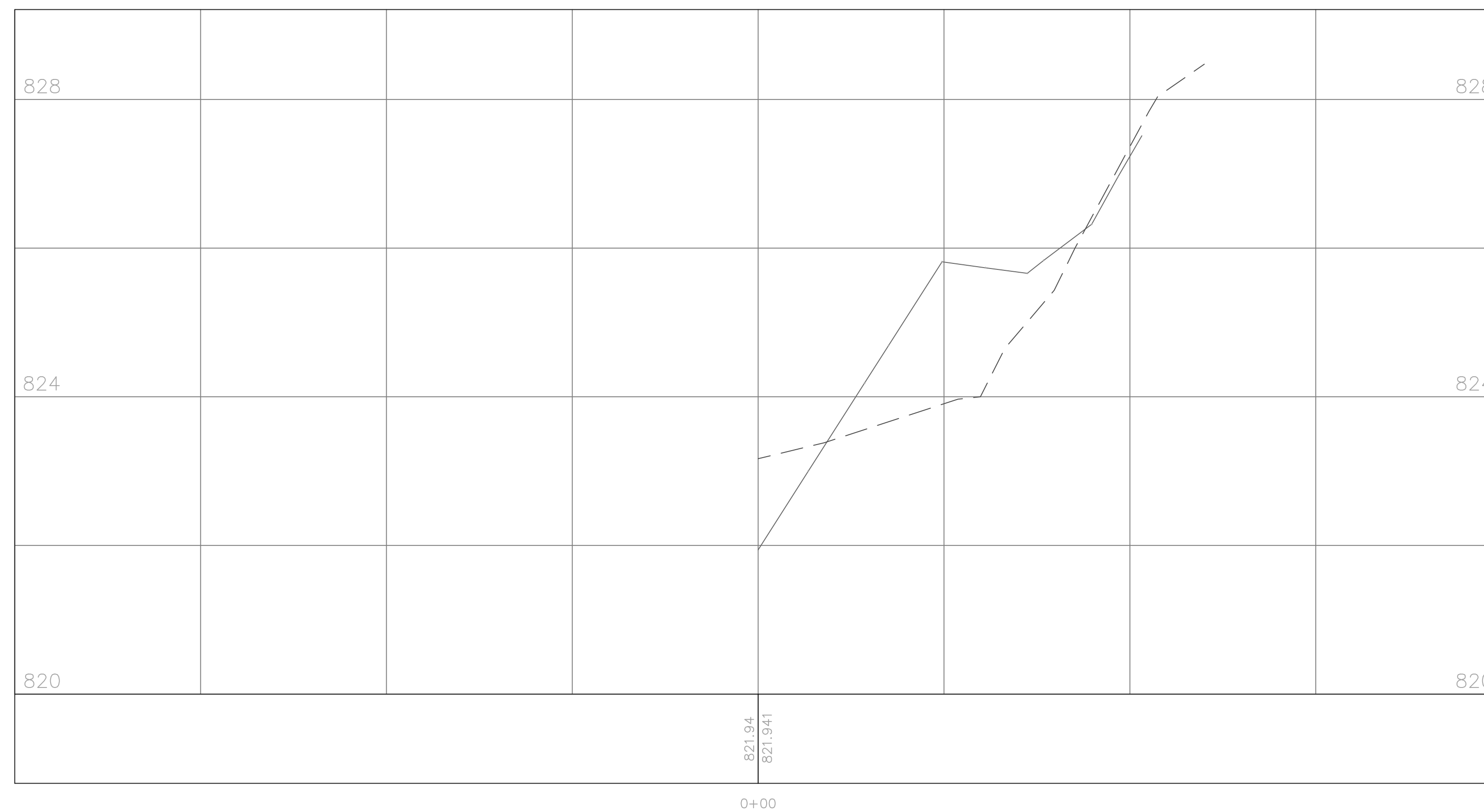
825.97

Section E-W



E-W PLAN AND PROFILE 5 STA. 125+00 - SWALE  
SCALE 3"=1'

Swale E-W Alignment 5 Vertical Scale 5:1 PROFILE



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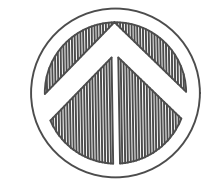
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**MUTCHLER RENOVATIONS**  
900 E NORTH STREET  
BLOOMFIELD, IOWA

SHEET NAME  
DRAINAGE  
SWALE  
SHEETS-PNP 6

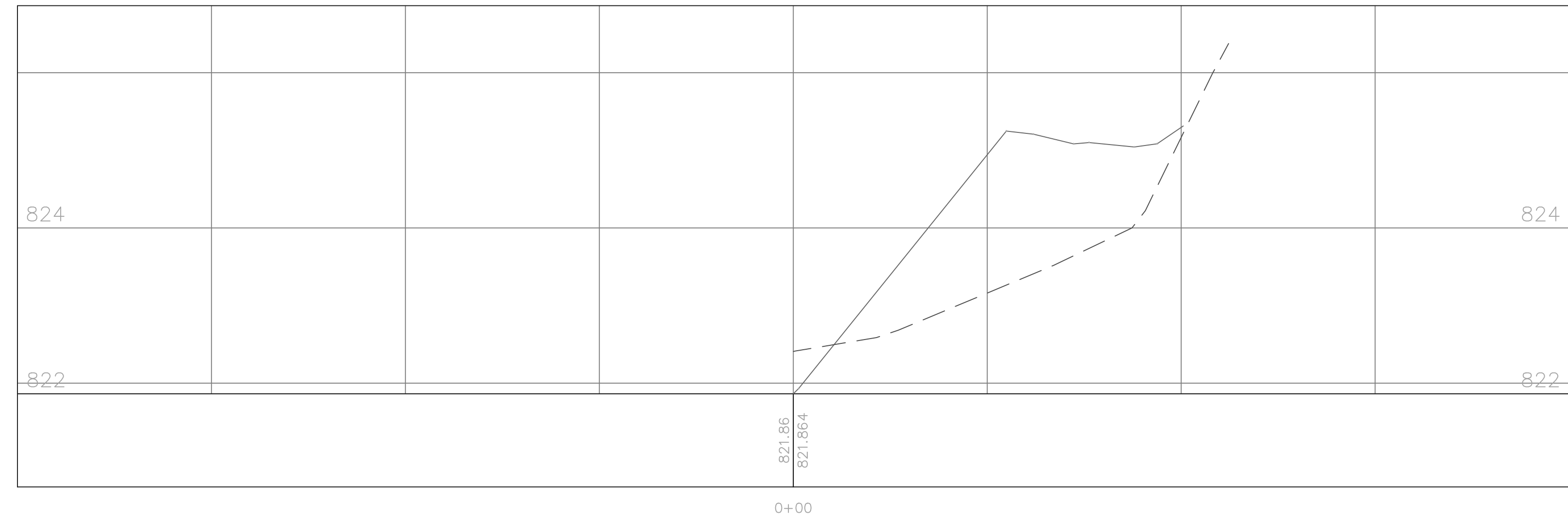
SHEET NO.  
**C-111**

ELECTRICAL  
BOX



E-W PLAN AND PROFILE 6 STA. 150+00 - SWALE  
SCALE 3"=1'

Swale E-W Alignment 6 Vertical Scale 5:1 PROFILE



PROJECT: CEE: 3003  
DATE: 11/22/2024  
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MUTCHLER RENOVATIONS

900 E NORTH STREET  
BLOOMFIELD, IOWA

SHEET NAME  
DRAINAGE  
SWALE  
SHEETS-PNP 7

SHEET NO.

C-112

PROJECT: CEE: 3003  
 DATE : 11/22/2024  
 DRAWN BY: KCK  
 REVISION: 12/13/2024

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**MUTCHLER RENOVATIONS**

900 E NORTH STREET  
 BLOOMFIELD, IOWA

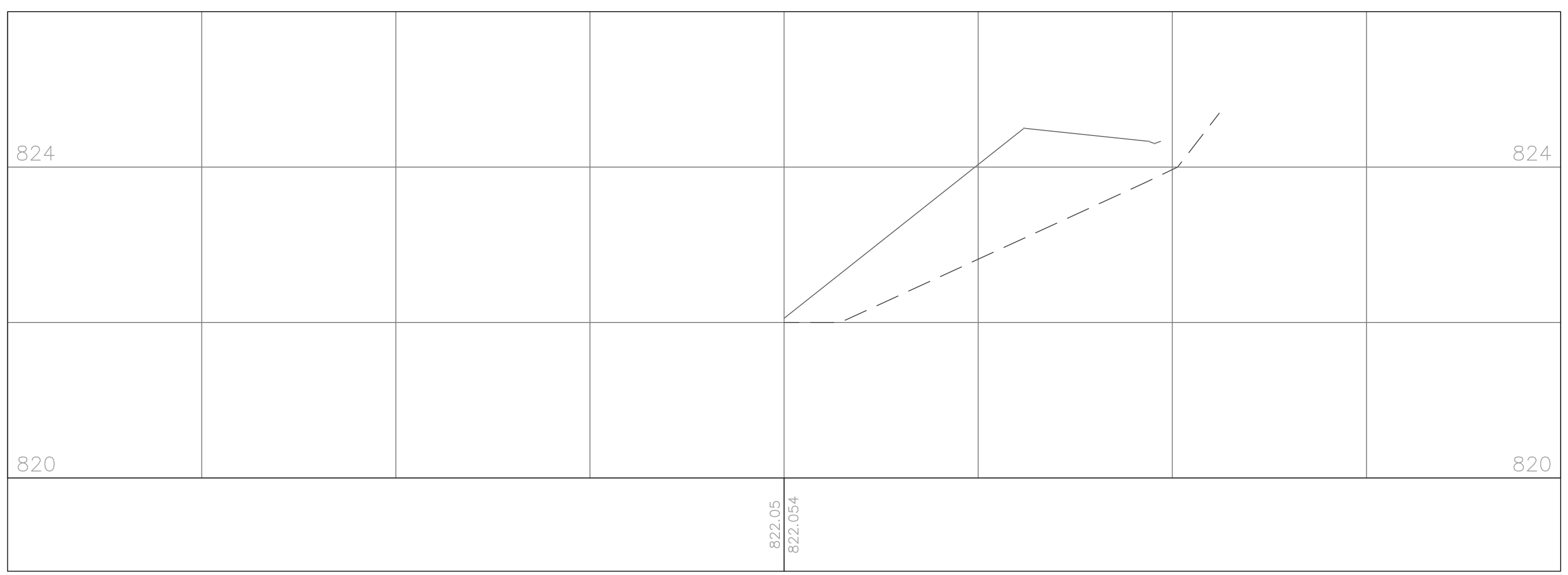
SHEET NAME  
 DRAINAGE  
 SWALE  
 SHEETS-PNP 8

SHEET NO.  
**C-113**



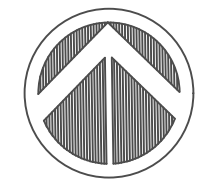
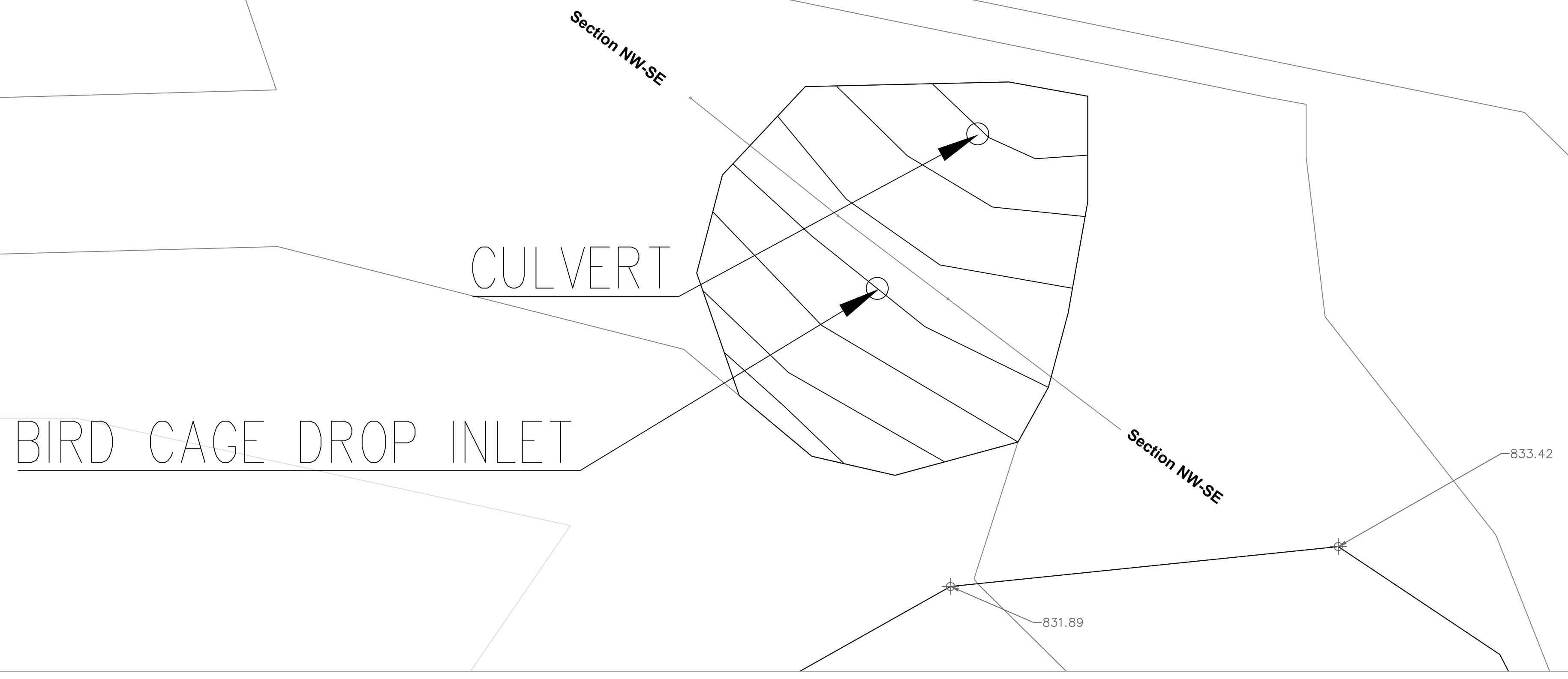
E-W PLAN AND PROFILE 7 STA. 175+00 - SWALE  
 SCALE 3"=1'

Swale E-W Alignment 7 Vertical Scale 5:1 PROFILE



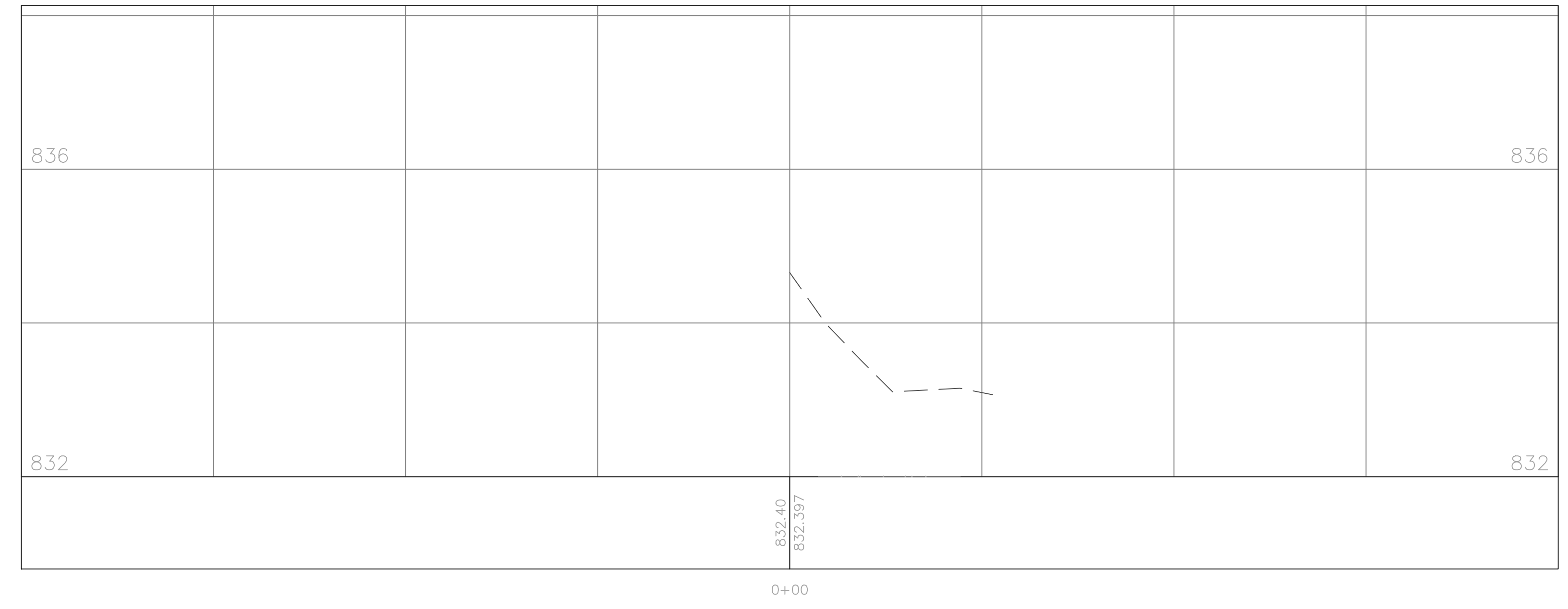
0+00





PLAN AND PROFILE – Drain  
SCALE 3"=1'

Drainage Alignment Vertical Scale 5:1 PROFILE



|           |            |
|-----------|------------|
| PROJECT:  | CEE: 3003  |
| DATE :    | 11/22/2024 |
| DRAWN BY: | KCK        |
| REVISION: | 12/13/2024 |

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 FAX: 319.335.5660  
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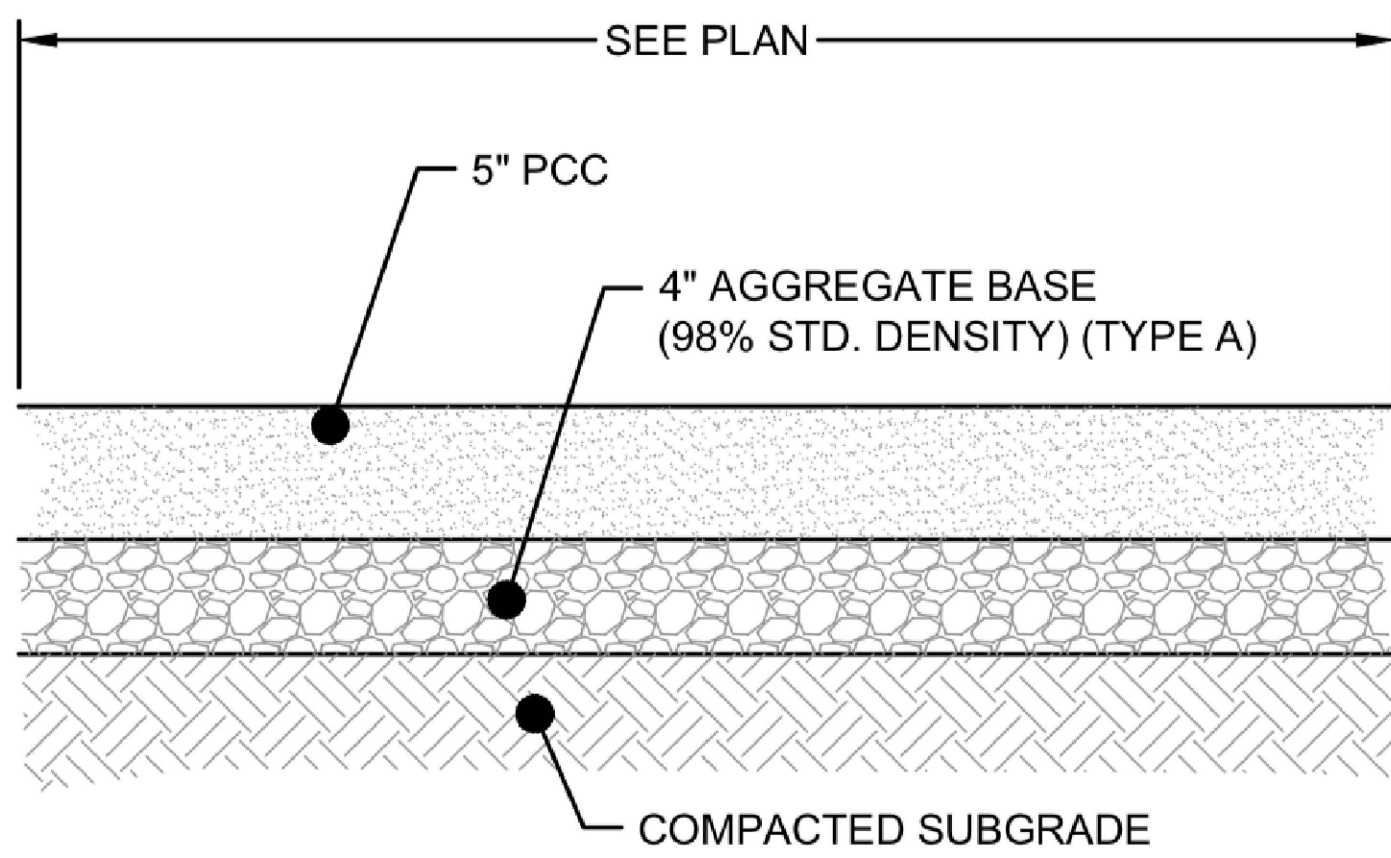
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**MUTCHLER RENOVATIONS**

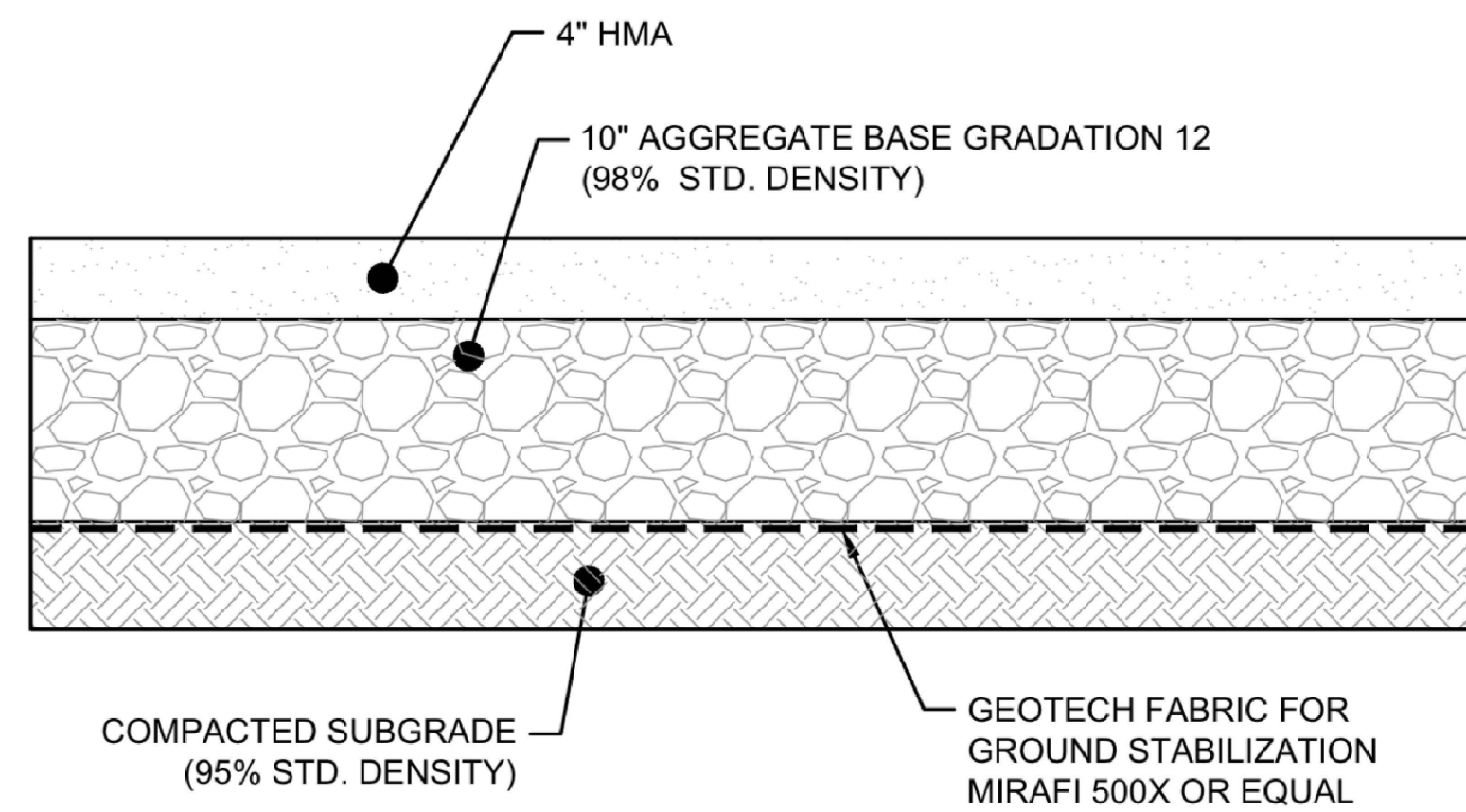
900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 DRAINAGE SWALE SHEETS-PNP 9

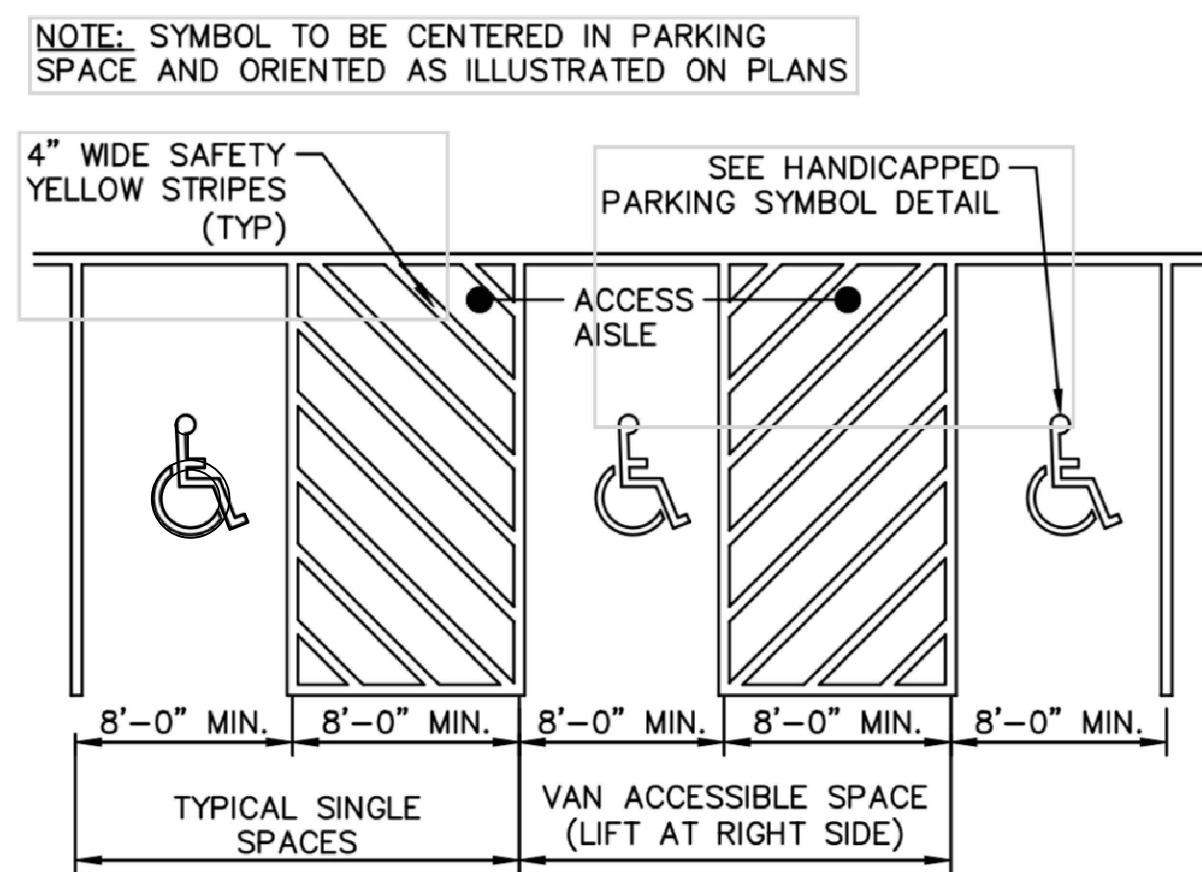
SHEET NO.  
**C-114**



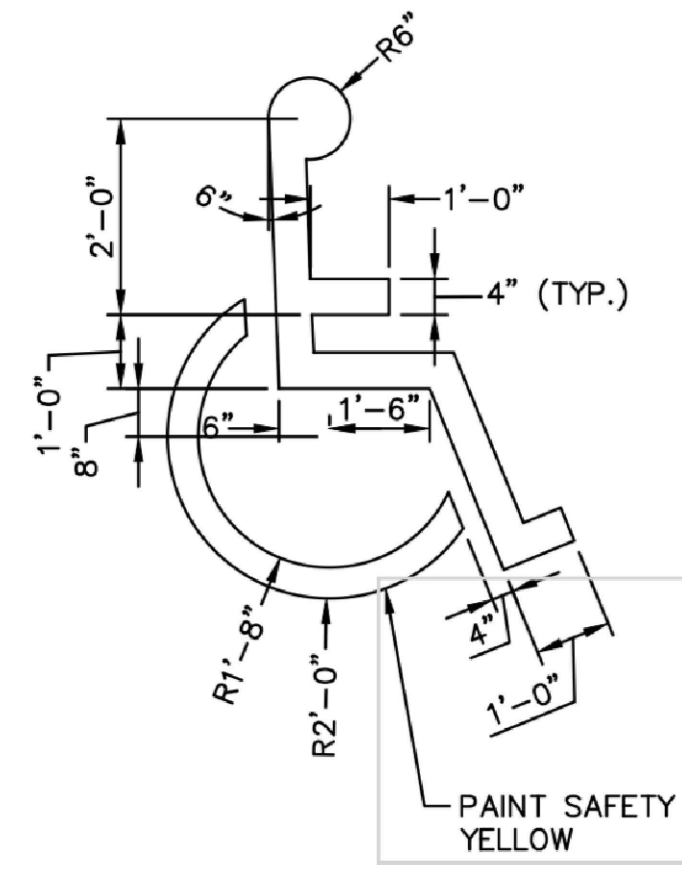
**1**  
C-101 PCC SIDEWALK DETAIL



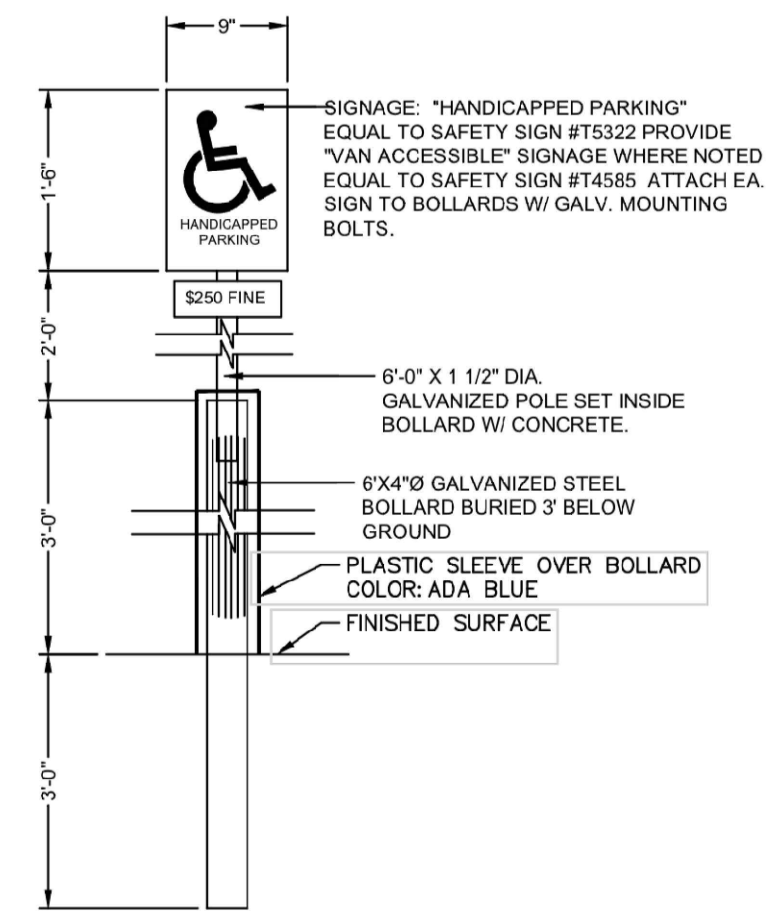
**2**  
C-101 4" LIGHT DUTY HMA SECTION



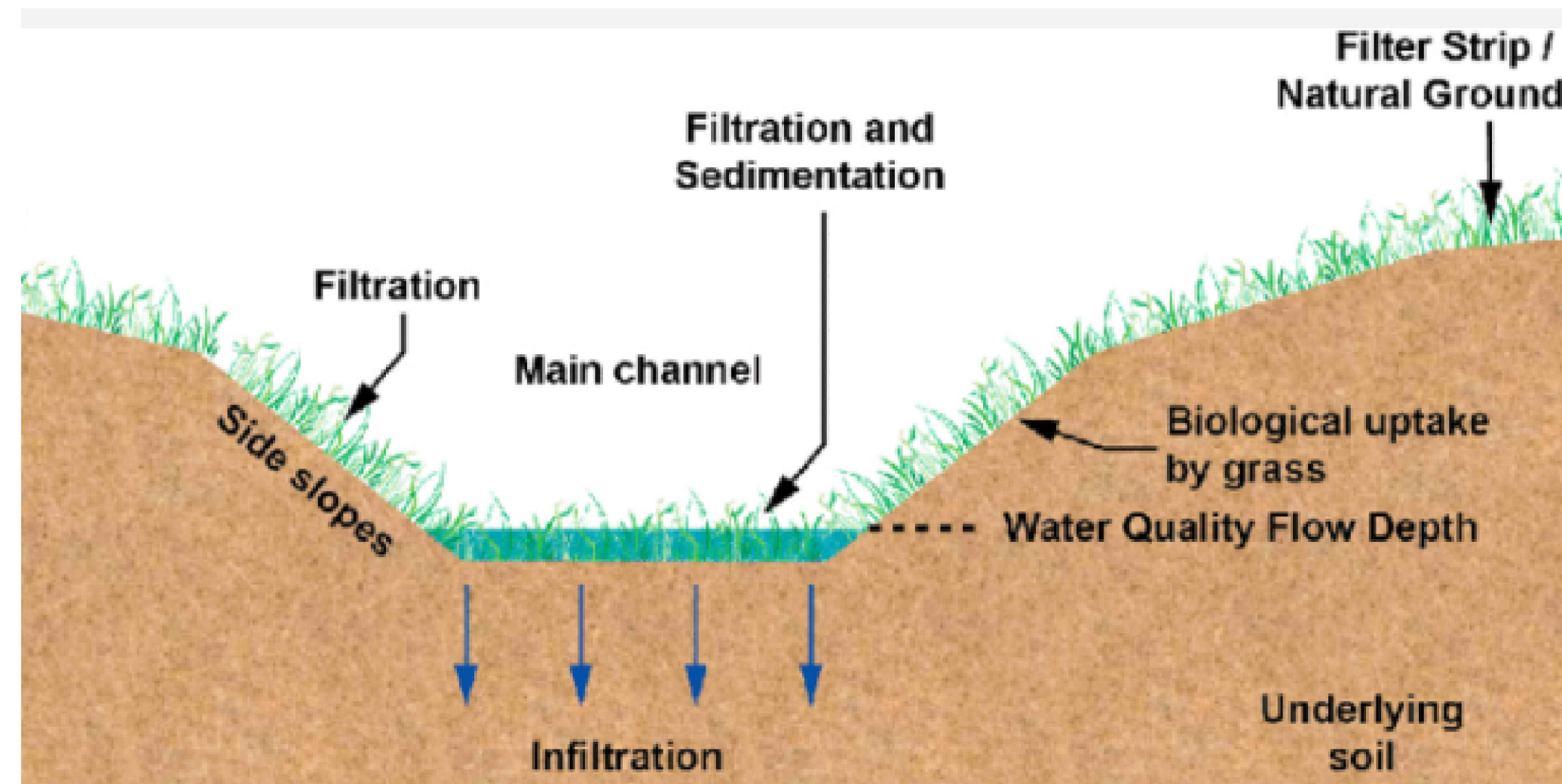
**3**  
C-101 HANDICAPPED PARKING SPACE STRIPING



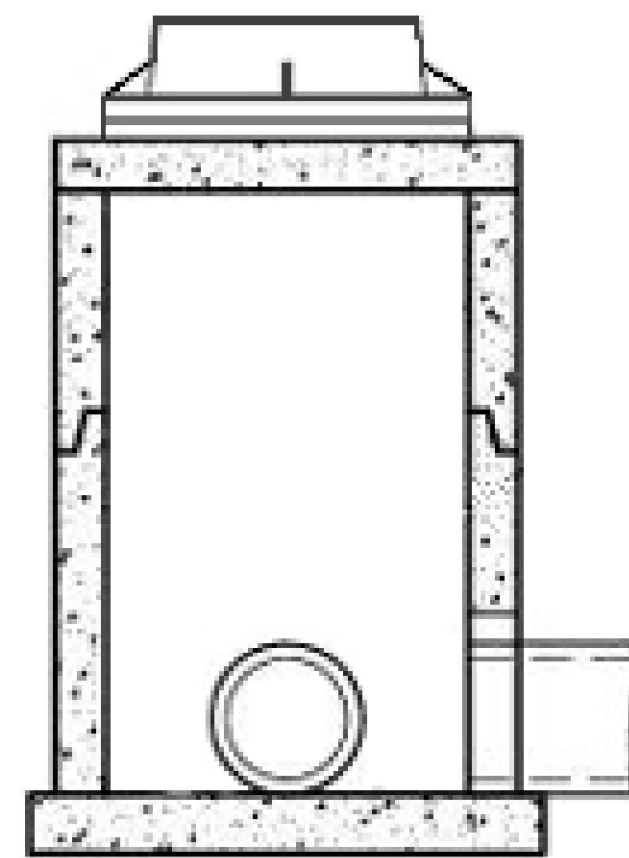
**4**  
C-101 HANDICAPPED PARKING SYMBOL



**5**  
C-101 ADA PARKING SIGN DETAIL



**6**  
C-101 SWALE CROSS SECTION DETAIL



**7**  
C-101 WATER INTAKE DETAIL

|           |            |
|-----------|------------|
| PROJECT:  | CEE: 3003  |
| DATE :    | 11/22/2024 |
| DRAWN BY: | KCK        |
| REVISION: | 12/13/2024 |

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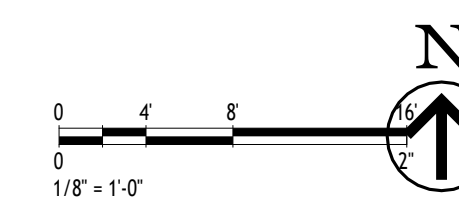
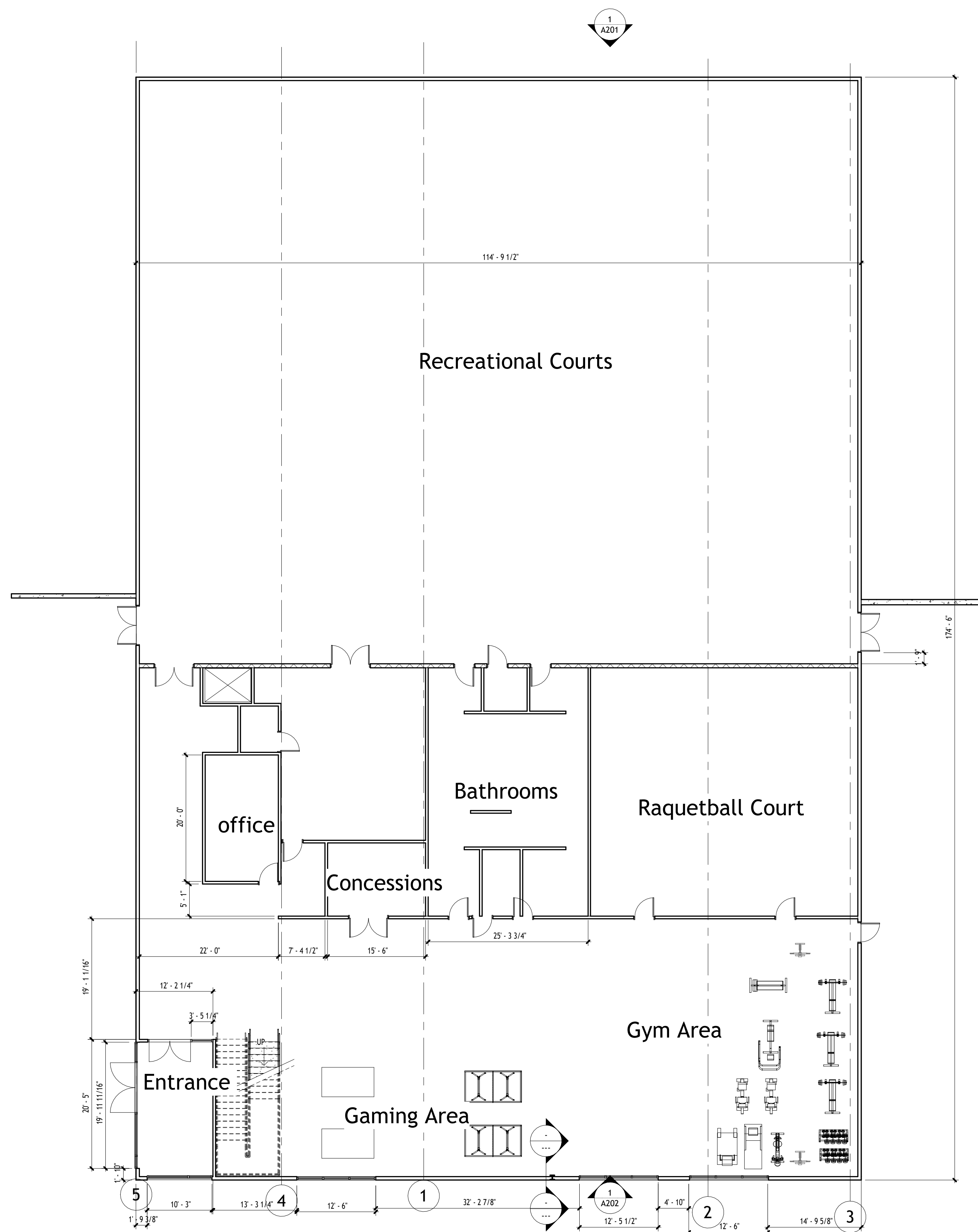
900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 CIVIL DETAILS

SHEET NO.

**C-115**

1 First Floor Architectural Plan  
1" = 10'-0"



|           |            |
|-----------|------------|
| PROJECT:  | CEE:4850   |
| DATE:     | 11/22/2024 |
| DRAWN BY: | RMA        |
| REVISION: |            |

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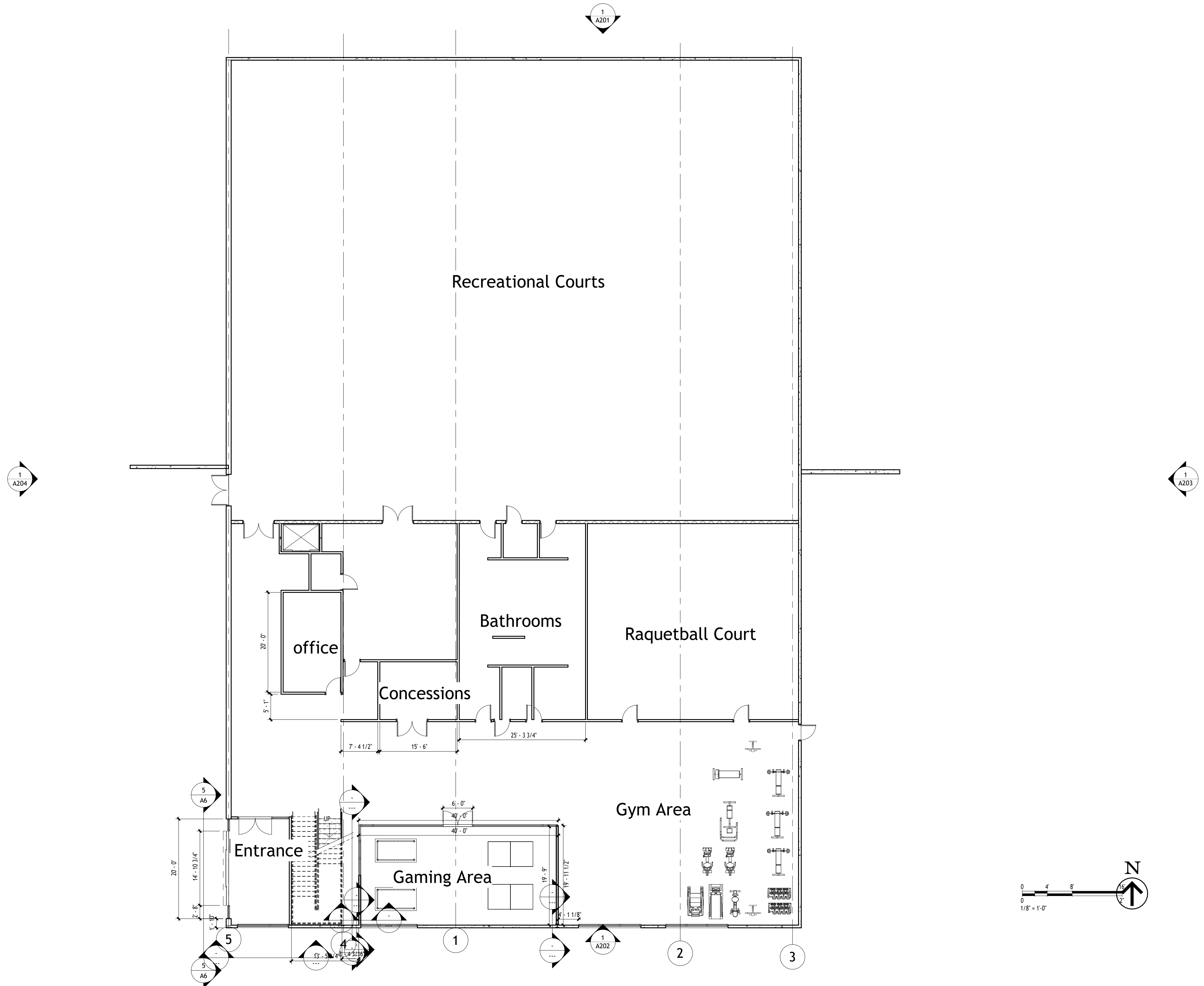
900 E NORTH STREET  
BLOOMFIELD, IOWA

SHEET NAME

GROUND LEVEL  
EXISTING

SHEET NO.

**A1**



|           |            |
|-----------|------------|
| PROJECT:  | CEE:4850   |
| DATE:     | 11/22/2024 |
| DRAWN BY: | RMA        |
| REVISION: |            |

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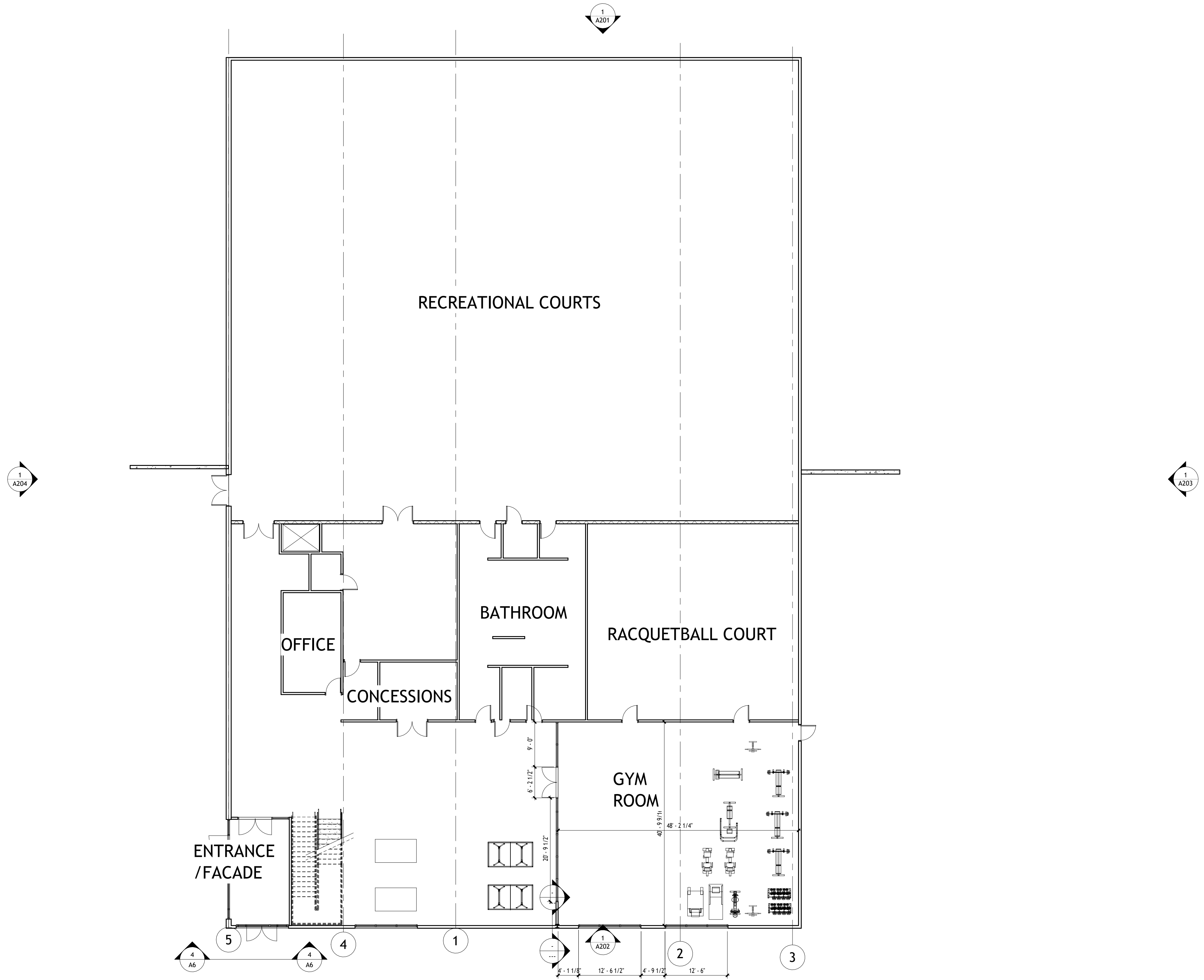
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**MUTCHLER RENOVATIONS**  
 900 E NORTH STREET  
 BLOOMFIELD, IOWA

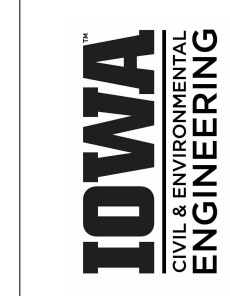
SHEET NAME  
 GAME ROOM  
 PROP LAYOUT

SHEET NO.  
**A2**



|           |            |
|-----------|------------|
| PROJECT:  | CEE:4850   |
| DATE:     | 11/22/2024 |
| DRAWN BY: | RMA        |
| REVISION: |            |

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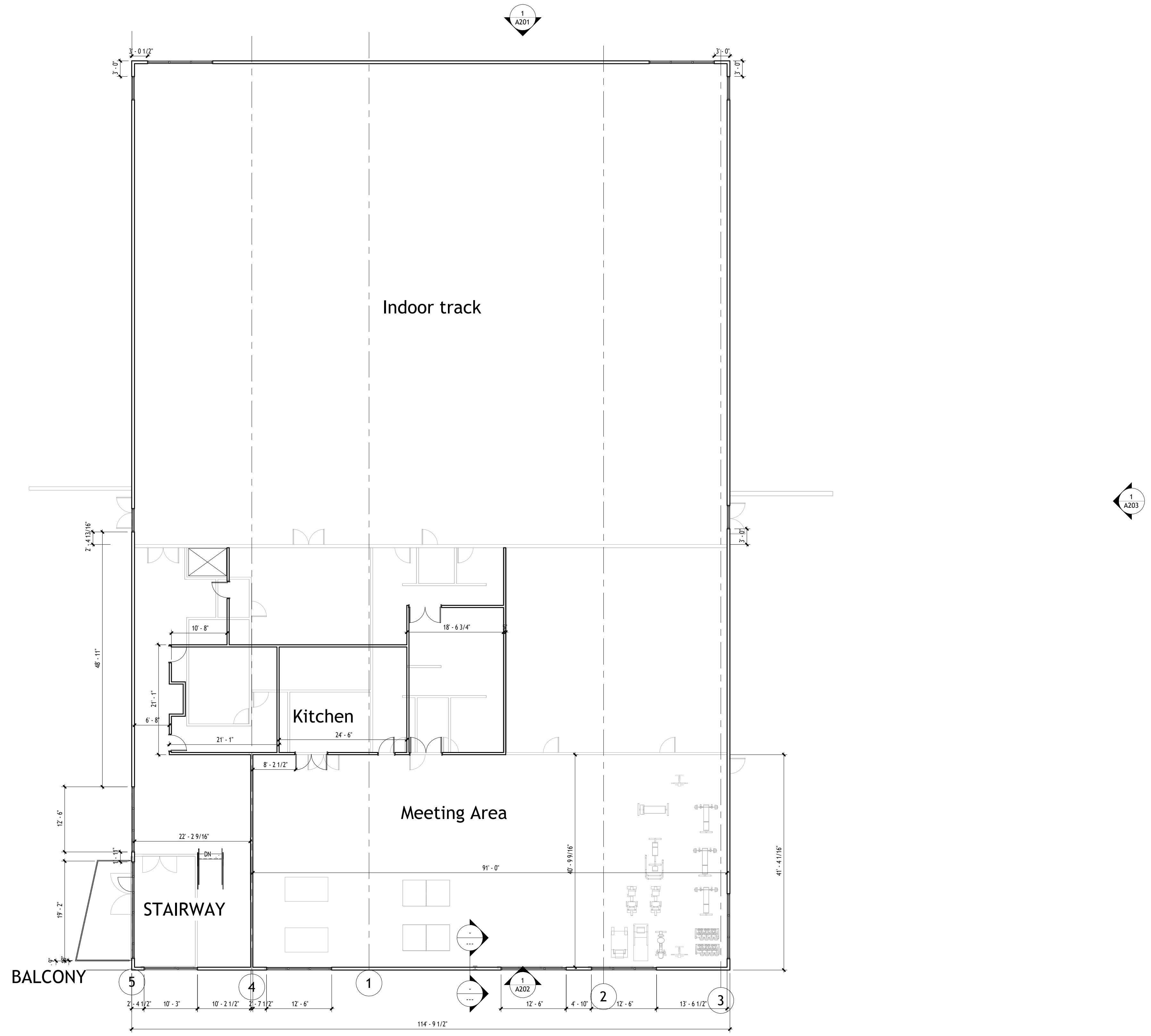
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**MUTCHLER RENOVATIONS**

900 E NORTH STREET  
 BLOOMFIELD, IOWA

SHEET NAME  
 GYM ROOM  
 PROP LAYOUT

SHEET NO.  
**A3**



1 Second Floor Architectural Plan  
1" = 10'-0"

|   |  |  |
|---|--|--|
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| <p><b>IOWA</b><br/>         CIVIL &amp; ENVIRONMENTAL<br/>         ENGINEERING</p>  |  | <p>EDUCATIONAL - NOT<br/>         FOR CONSTRUCTION</p>   |
| <p><b>MUTCHLER RENOVATIONS</b></p>  |  | <p>900 E NORTH STREET<br/>         BLOOMFIELD, IOWA</p>  |
| <p>SHEET NAME</p> <p>SECOND FLOOR<br/>         EXISTING LAYOUT</p>  |  | <p>SHEET NO.</p> <p><b>A4</b></p>  |

① Second Floor Architectural Plan  
1" = 10'-0"

1  
A204

PROP PANEL  
SYSTEM

DECK

5  
A6

STAIRS

MEETING AREA

5

4

1

1  
A202

2

3

1  
A201

1  
A203

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# MUTCHLER RENOVATIONS

900 E NORTH STREET  
BLOOMFIELD, IOWA

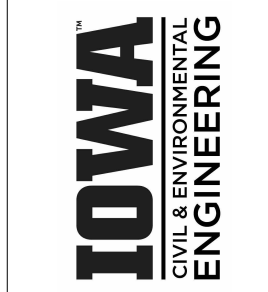
SHEET NAME

SECOND FLOOR  
PROP LAYOUT

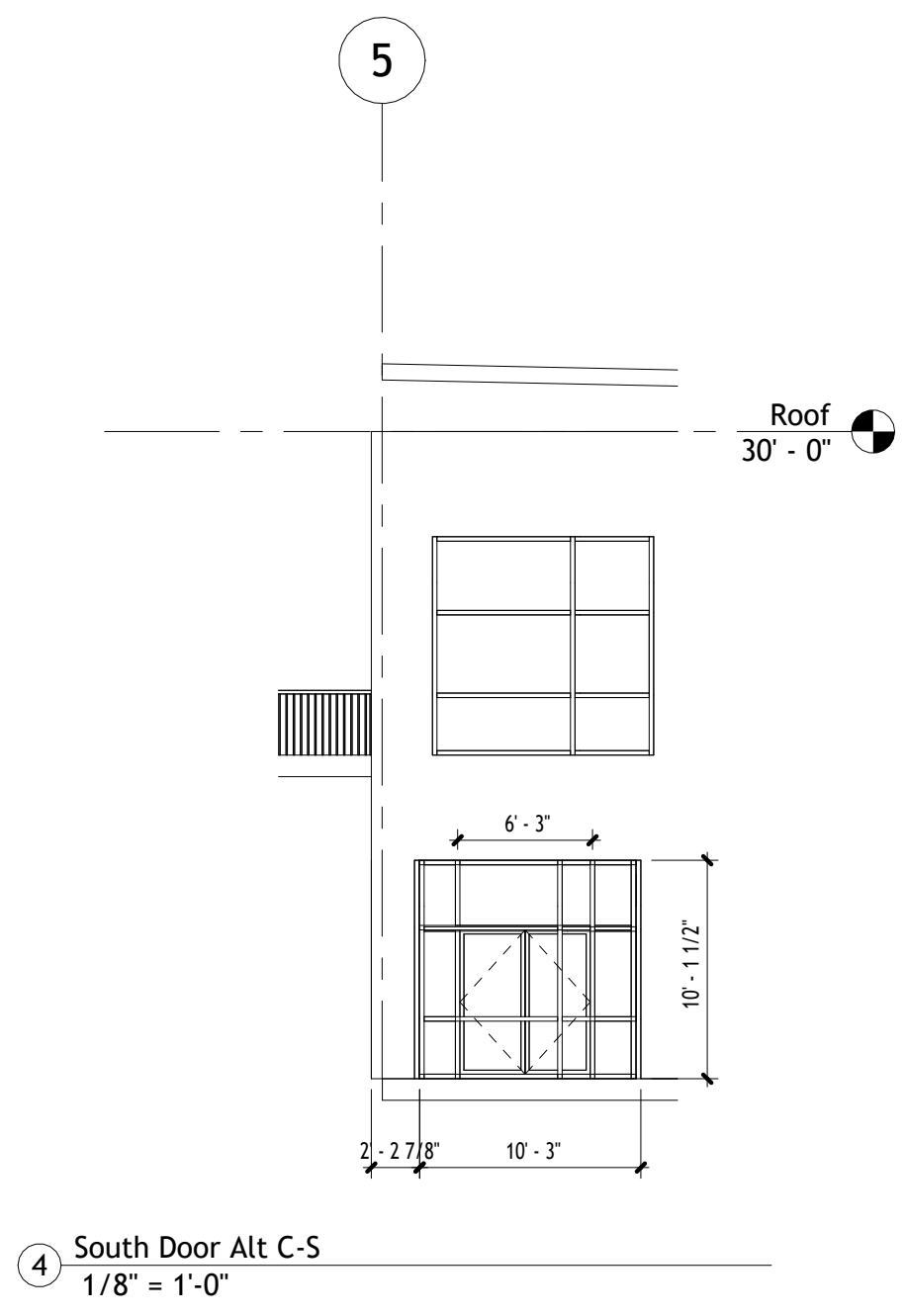
SHEET NO.

# A5

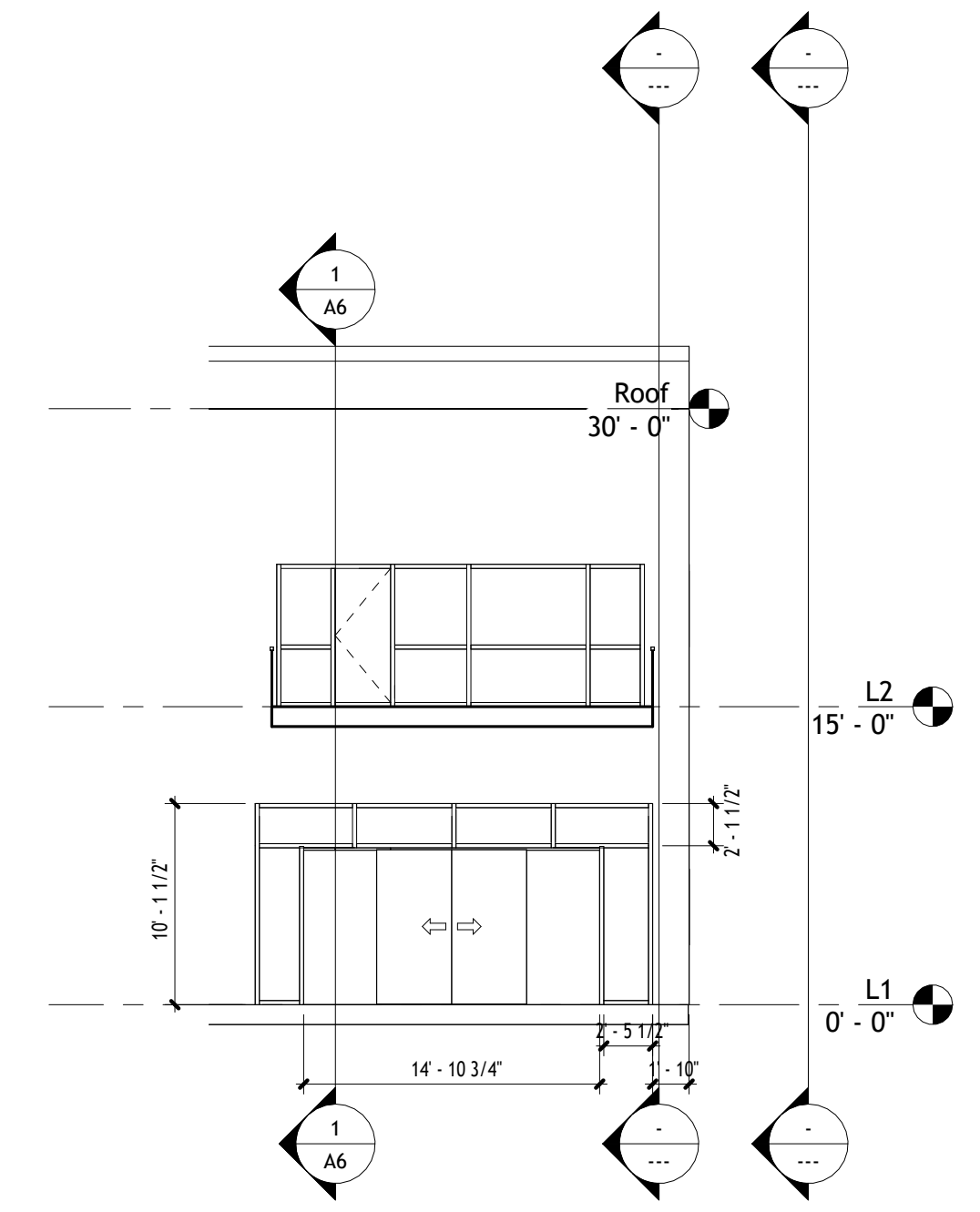
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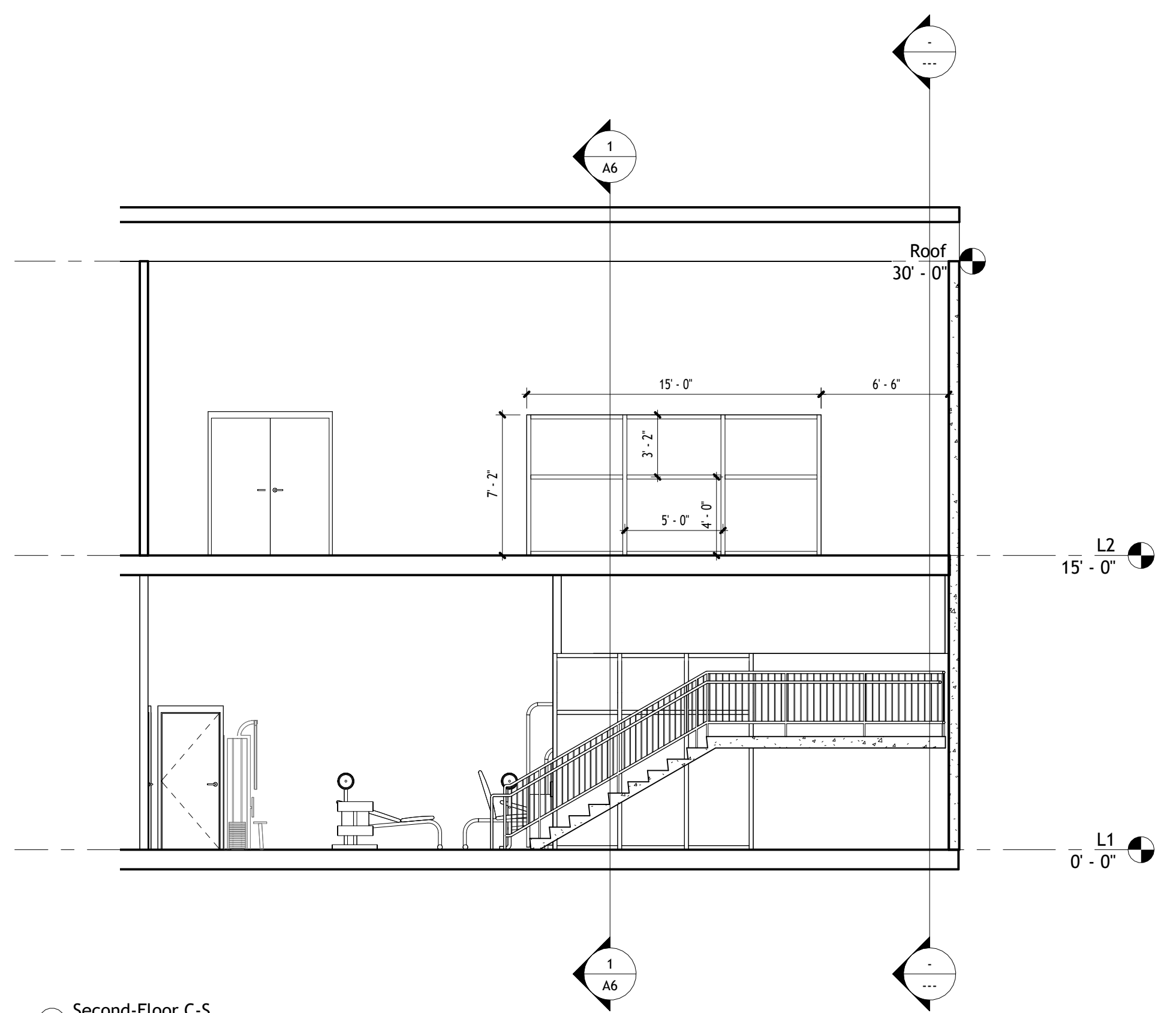
PROJECT: CEE-4850  
DATE: 11/22/2024  
DRAWN BY: RMA  
REVISION:



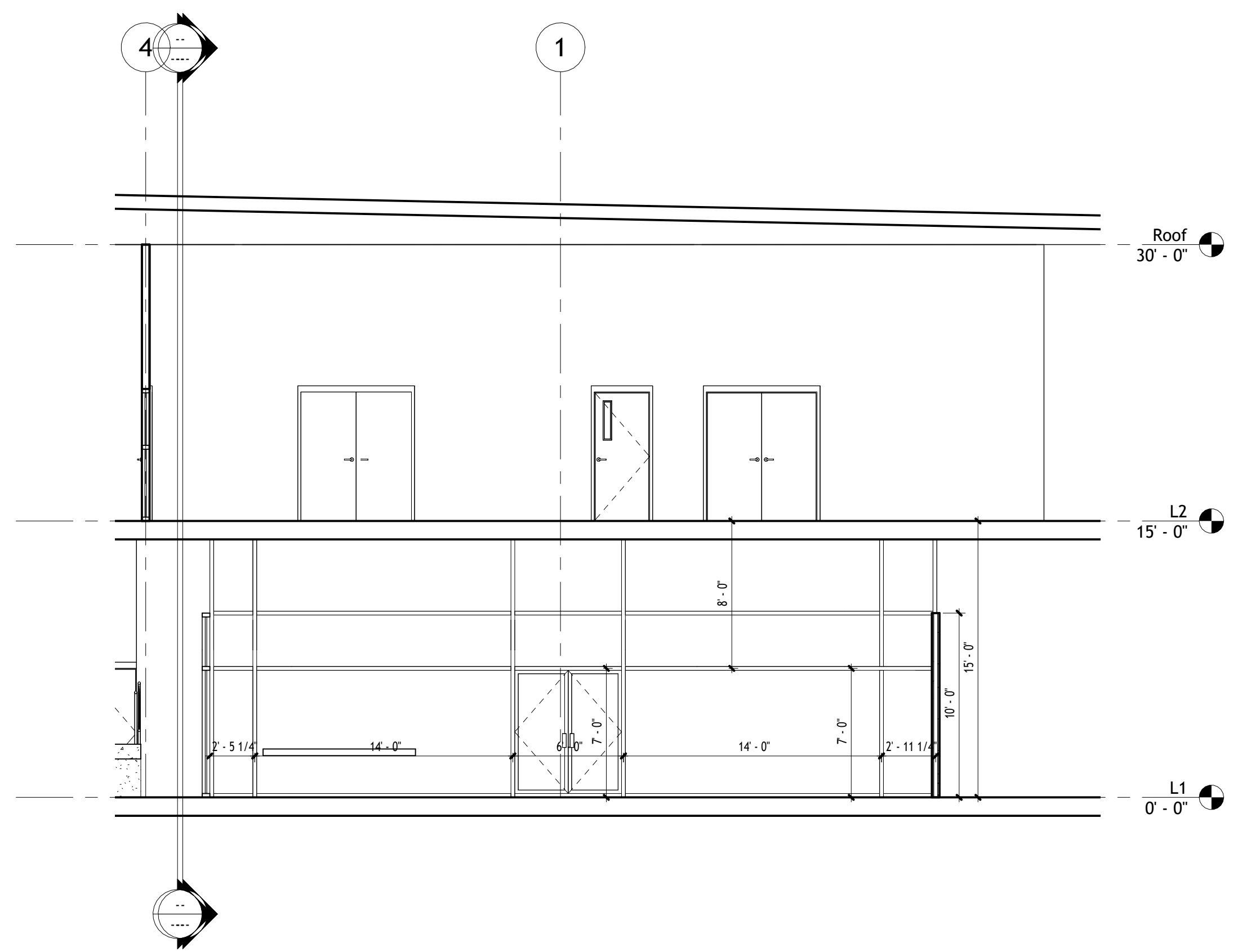
4 South Door Alt C-S  
1/8" = 1'-0"



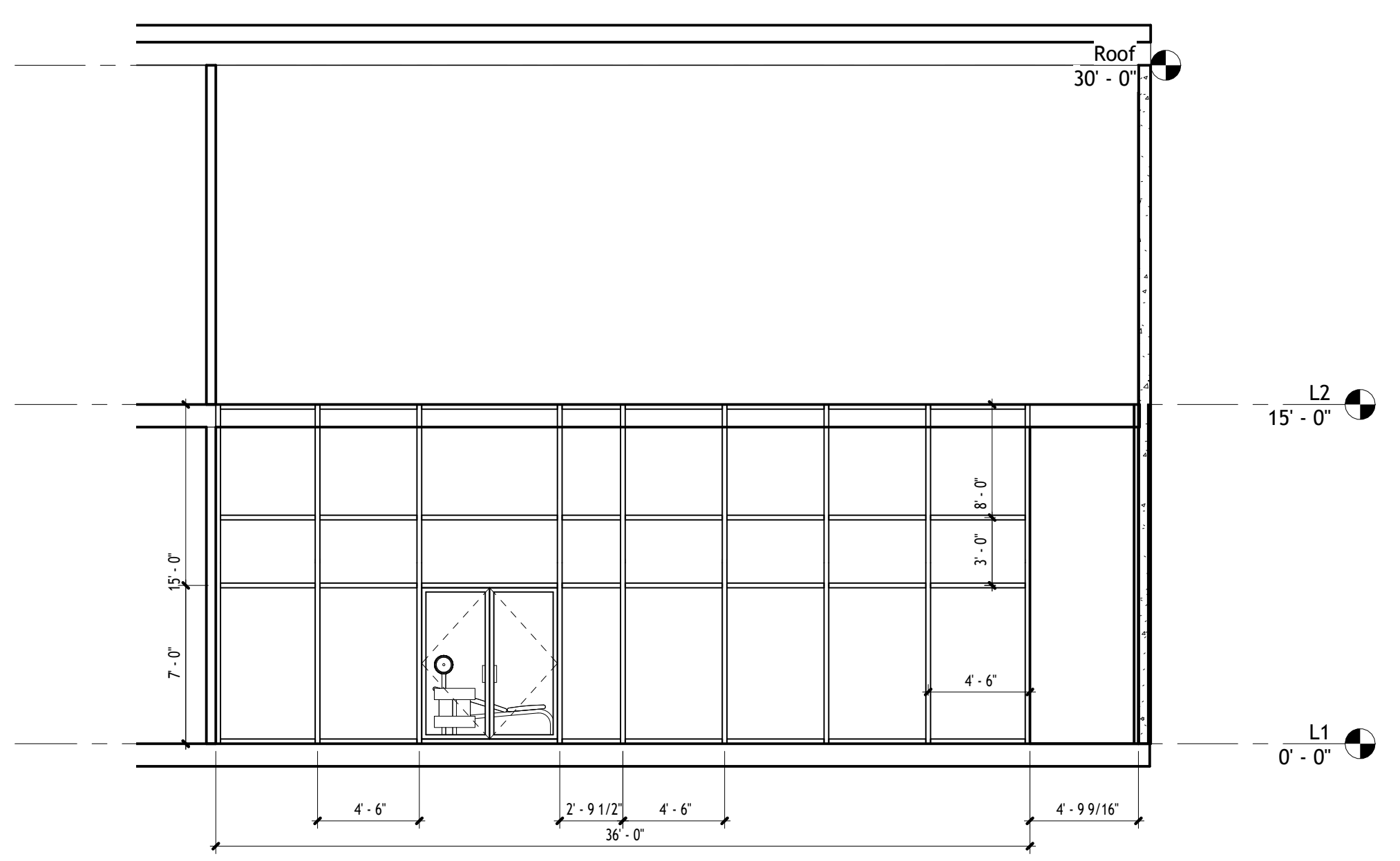
5 Sliding Door C-S  
1/8" = 1'-0"



2 Second-Floor C-S  
3/16" = 1'-0"



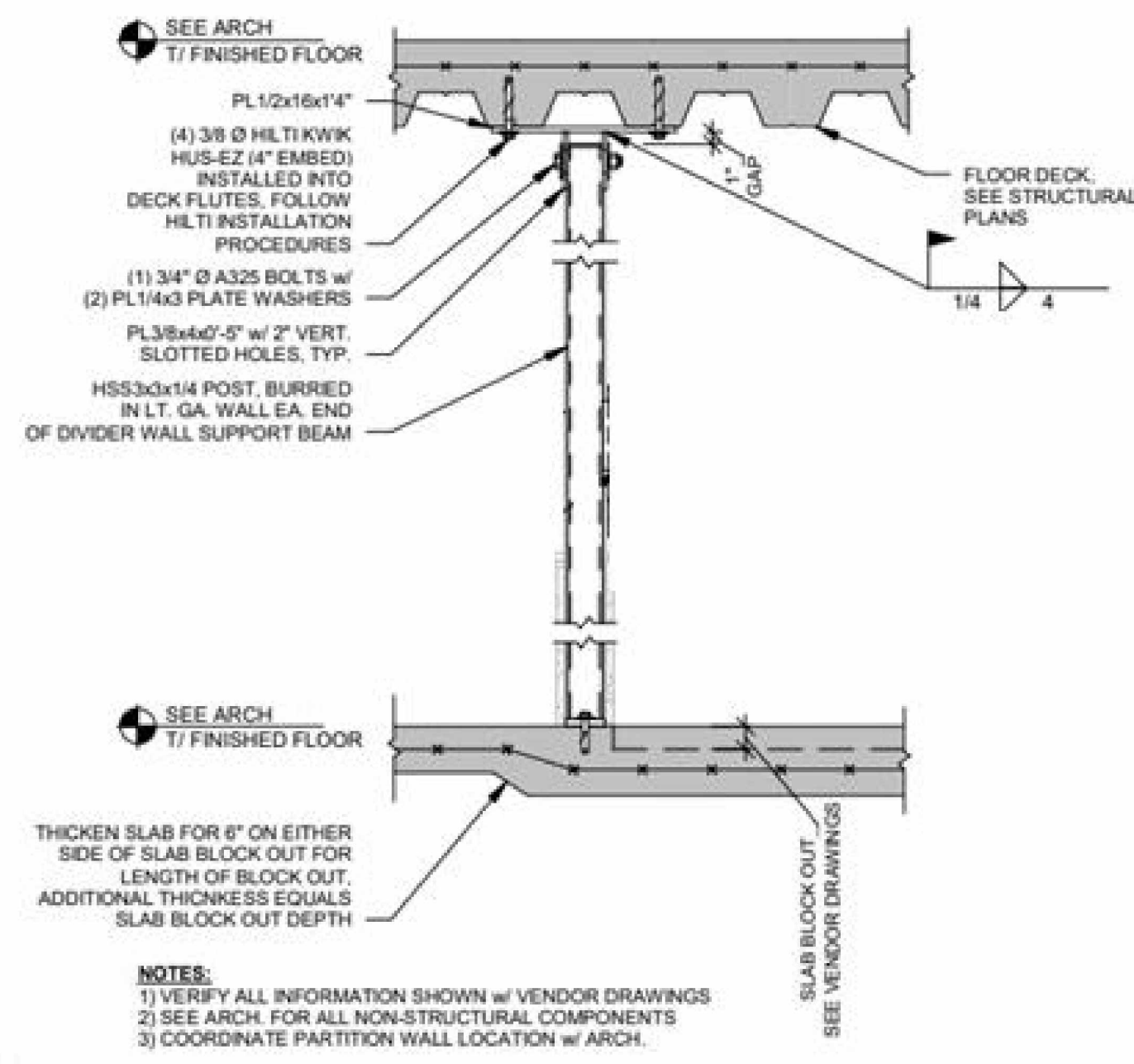
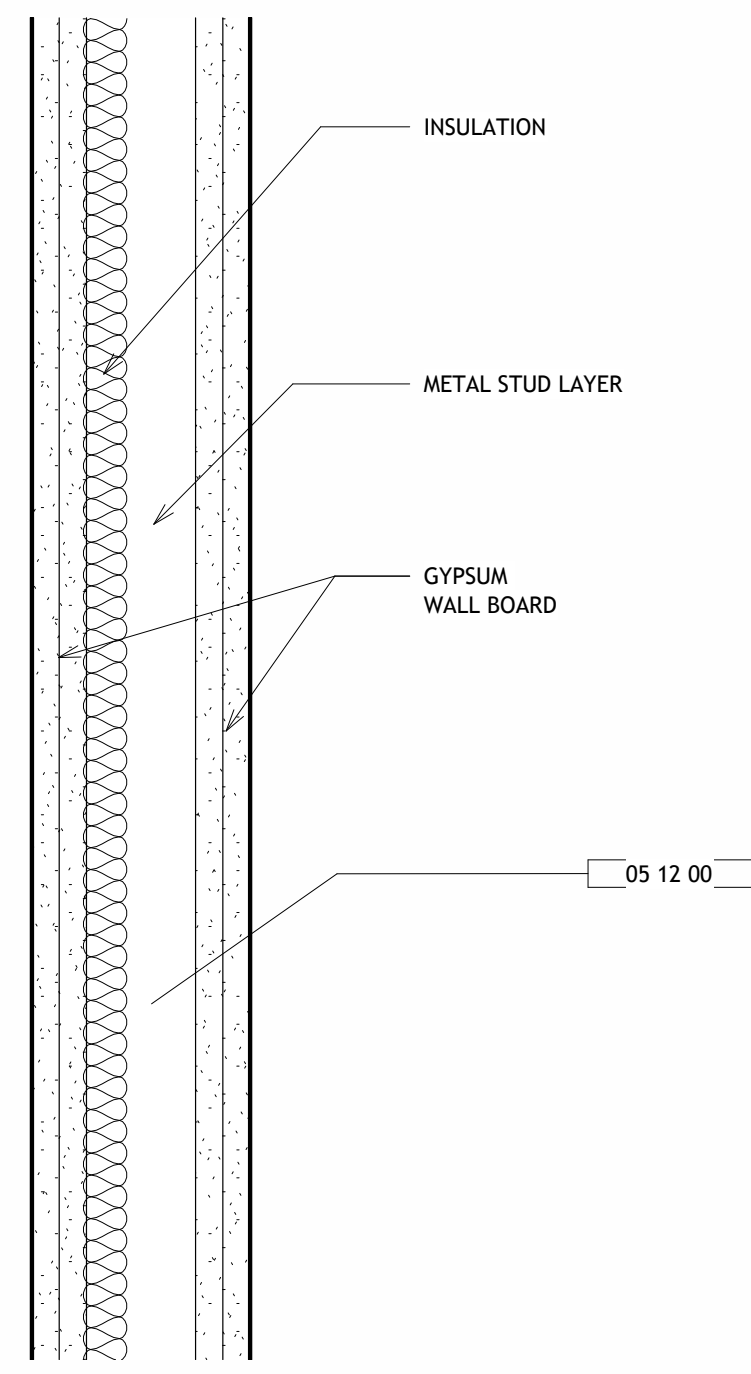
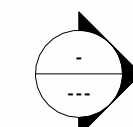
1 Game Room C-S  
3/16" = 1'-0"



3 Gym Room C-S  
3/16" = 1'-0"

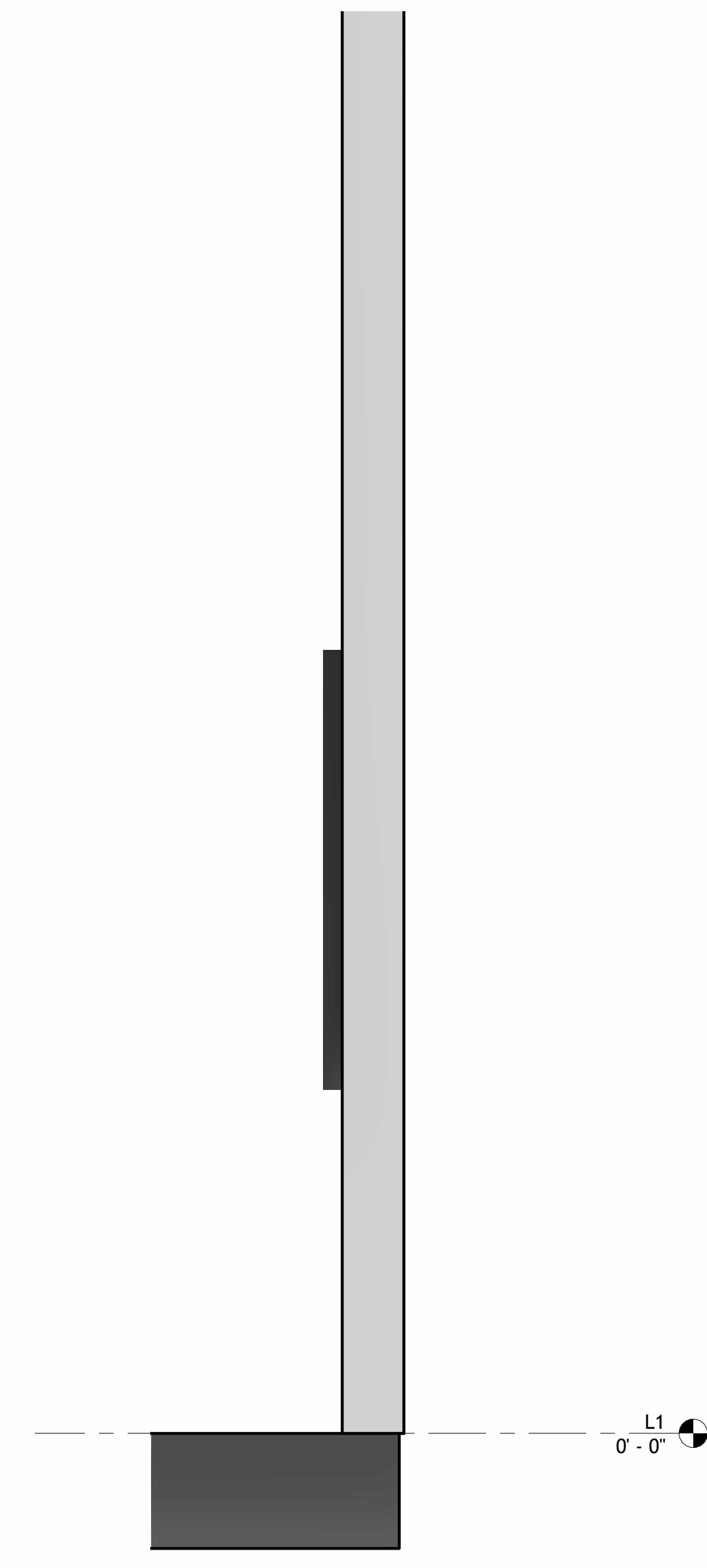
|   |                            |
|---|----------------------------|
| PROJECT:  | CEE:4850                   |
| DATE:   | 11/22/2024                 |
| DRAWN BY:   | RMA                        |
| REVISION:   |                            |
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| <p><b>MUTCHLER RENOVATIONS</b></p>  |                            |
| <p>900 E NORTH STREET<br/>         BLOOMFIELD, IOWA</p>   |                            |
| SHEET NAME  | CROSS-SECTIONS<br>PROPOSED |
| SHEET NO.   | <b>A6</b>                  |





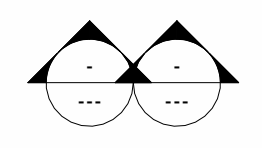
**15** PARTITION WALL SUPPORT  
3/4" = 1'-0"

- NOTES:**  
 1) VERIFY ALL INFORMATION SHOWN w/ VENDOR DRAWINGS  
 2) SEE ARCH. FOR ALL NON-STRUCTURAL COMPONENTS  
 3) COORDINATE PARTITION WALL LOCATION w/ ARCH.



**2** Connection to column  
1" = 1'-0"

**1** PARTITION - Callout 1  
3" = 1'-0"



|           |            |
|-----------|------------|
| PROJECT:  | CEE:4850   |
| DATE :    | 11/22/2024 |
| DRAWN BY: | RMA        |
| REVISION: |            |

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**MUTCHLER RENOVATIONS**

900 E NORTH STREET  
BLOOMFIELD, IOWA

SHEET NAME  
DETAILS  
PROPOSED

SHEET NO.  
**A7**