

**WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM**

Date: 10/5/2023 Weekly Agenda Date: 10/10/2023

**ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN:** County Auditor

**WORDING FOR AGENDA ITEM:**

Tentative Approval of Engineers Report for Creation of Salix Drainage District

**ACTION REQUIRED:**

- Approve Ordinance       Approve Resolution       Approve Motion   
Public Hearing       Other: Informational       Attachments

**EXECUTIVE SUMMARY:**

As required by Iowa Code 468 an engineers report was drafted for potential creation of the Salix Drainage District.

**BACKGROUND:**

On April 18, 2023, a contract was signed between the Woodbury County Supervisors and Veenstra and Kimm, Inc. to develop a report for potential creation of a Drainage District. Attached is the report recommending the creation of the district.

**FINANCIAL IMPACT:**

It is anticipated that there won't be any direct financial impact to the Woodbury County Supervisors. There will be financial impacts to the Secondary Road Department if the report is approved and improvements are constructed.

**IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?**

Yes       No

**RECOMMENDATION:**

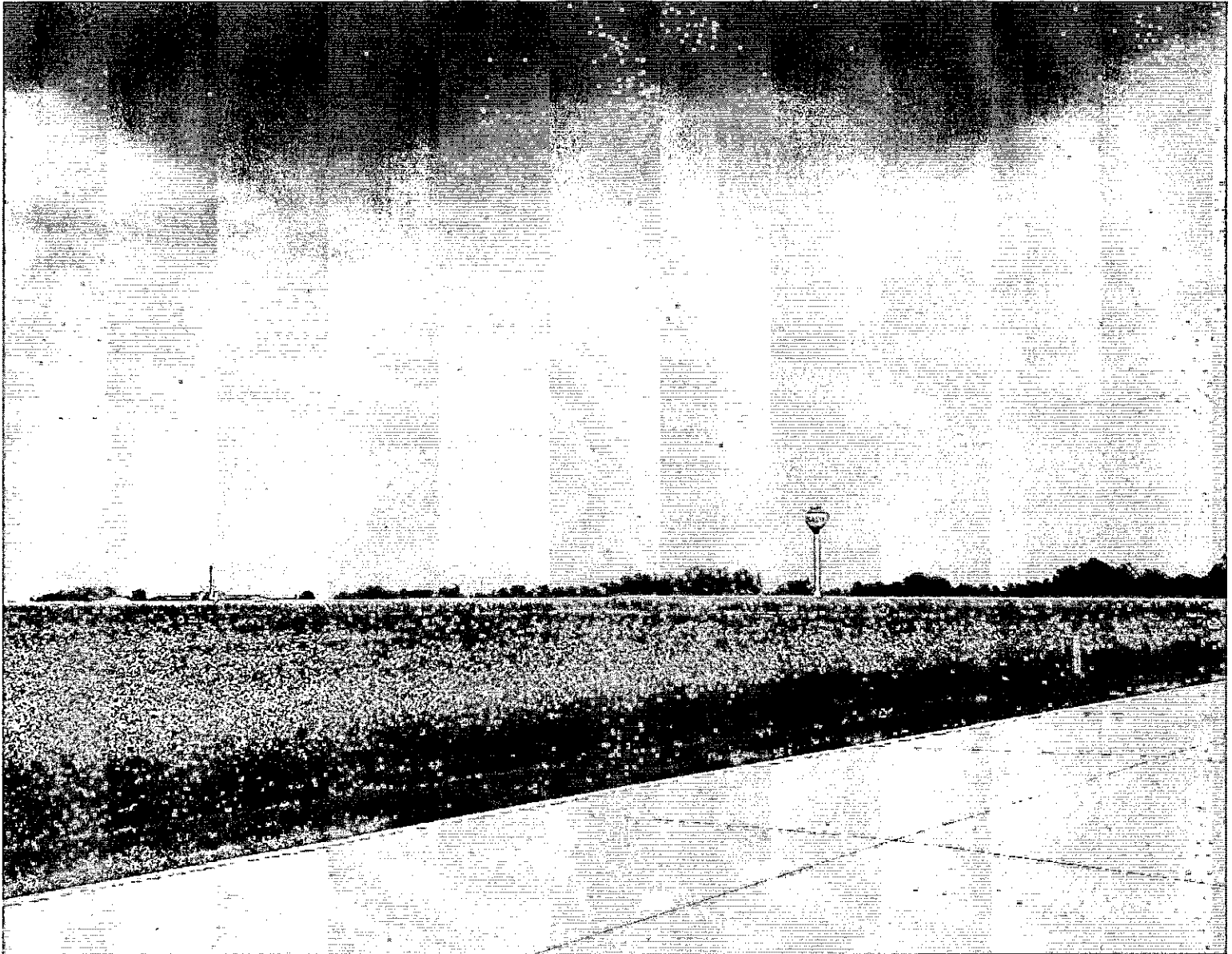
It is recommended that the Board of Supervisors tentatively approve the report and schedule a public hearing on the report not less than 40 days from October 10, 2023, and also to notify the Auditor to send public notices to all landowners listed in the report.

**ACTION REQUIRED / PROPOSED MOTION:**

Motion to tentatively approve the engineers report and direct the auditor to send notices to landowners.



203 Sergeant Square Drive, Suite B  
Sergeant Bluff, Iowa 51054  
712-943-5055 phone 712-943-5088 fax  
[www.v-k.net](http://www.v-k.net)  
Contact: Patrick Mouw, [pmouw@v-k.net](mailto:pmouw@v-k.net)



# SALIX DRAINAGE DISTRICT

REPORT FOR  
CREATION OF DRAINAGE DISTRICT

SEPTEMBER 29, 2023  
SALIX, IOWA



**VEENSTRA & KIMM INC.**  
203 Sergeant Square Drive, Suite B // P.O. Box 220  
Sergeant Bluff, Iowa 51054  
712.943.5055 // 877.241.8009  
www.v-k.net

October 3, 2023

Woodbury County Board of Supervisors  
Attn: Patrick Gill, Auditor  
620 Douglas St. #106  
Sioux City, Iowa 51101

**CITY OF SALIX  
REPORT FOR CREATION OF DRAINAGE DISTRICT**

Dear Mr. Gill,

A petition dated November 14, 2022, was filed with the Board of Supervisors. A copy of the petition is included in the report. The petition requests the creation of a new drainage district to afford the City of Salix and surrounding landowners with an alternative outlet. The current outlet has been a pump into the Farmers Drainage District though an agreement that will be terminated in December 2023, therefore the petition requests a new outlet. The formation of a new drainage district requires the utilization of Iowa Code Section 468. As part of Iowa Code Section 468, an engineering report is required. An agreement for professional services required for the creation of the drainage district was signed on the April 18, 2023, by and between Woodbury County Board of Supervisors and Veenstra & Kimm, Inc.

Enclosed is the report as requested. It is intended that the report meets the requirements of Iowa Code 468.12. The report includes the starting point, route, and terminus of three laterals and the main ditch. It also includes the plat, profile, and width of each drain and levee. Also included are easement plats showing the location and acreage of land required from each 40-acre tract of land. The report includes the boundary of the proposed drainage district including other lands that will be benefited or otherwise affected by the proposed improvements. Opinion of probable costs for the proposed improvements required for the creation of the drainage district are included in the report.

It is recommended that the Woodbury County Board of Supervisors, acting as Trustees for the Salix Drainage District, tentatively approve the report and schedule a public hearing for concerns regarding the report as required in Iowa Code 468.14.

Please do not hesitate to call me if you have any questions regarding the report. Thank you.

VEENSTRA & KIMM, INC.

*Patrick Mouw*

Patrick Mouw, P.E.  
Project Manager / Sergeant Bluff Branch

**REPORT DOCUMENTS  
FOR  
CREATION OF  
SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signed:

Date:

*Patrick Mouw*

10/3/2023

Patrick E. Mouw, P.E.

Iowa License No. 20839

My license renewal date is December 31, 2023

Detailed parts covered by this seal:

ALL



Prepared by  
VEENSTRA & KIMM, INC.  
Sergeant Bluff, Iowa

- 1** REPORT SUMMARY
- 2** OPINION OF COST
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- 4** PETITION
- 5** MAP OF PROPOSED DRAINAGE DISTRICT
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(BOUND SEPARATELY)

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# DRAINAGE DISTRICT CREATION

## REPORT SUMMARY

Soon after signing the Agreement for Professional Services for the creation of the Salix Drainage District between the Woodbury County Board of Supervisors, acting as Trustees for the Salix Drainage District, and Veenstra & Kimm, Inc., a meeting was held with two of the petitioners. They requested the district have the approximate boundary of the Union Pacific Railroad on the east, 275th Street (Poplar Street) on the north, 280th Street on the south, and the west line of the NW and the SW of the SE quarter of section 33-87-47 on the west. These boundaries were the same as was shown on the map submitted with the Petition dated November 14, 2022.

Shortly after the meeting, Veenstra & Kimm, Inc. began surveying the lands. The topography is very flat, generally the slope of the ground within the proposed district slopes from the north towards the south. Also excluding the appearance of an old oxbow in the southeast corner of the district, the district slopes from the east to the west. These factors and others lead to the establishment of the Main Ditch predominately along 280th Street. However, after the surveys were initially completed, Rick Patterson approached the petitioners and the engineer requesting that some of his land be included in the district.

Rick Patterson initially requested a lateral along Benton Avenue commencing at 280th Street continuing north to the Interstate 29 right-of-way. However, after the initial design was completed, it was determined that buildings, trees and grain bins would have to be removed to develop the ditch. It was therefore determined that Lateral 1 would predominately parallel Interstate 29 rather than along Benton Avenue.

Regarding capacity of the ditch, a 5-year storm event was utilized. This required a 20' wide bottom width with 3 horizontal to 1 vertical side slopes from the outlet to near station 51+00. Continuing upstream the bottom width decreased to 12'. This was possible due to the depth of the ditch. At the outlet the average depth of the ditch is approximately 6', this increases to approximately 9' upstream from station 51+00. At the confluence with Lateral 1 the ditch bottom again decreases, to 4'. This width is maintained through the remaining main ditch.

The main ditch slope of the profile is designed at a rate of 0.0474% or 2.5' per mile from the outlet to station 42+92.91. From station 42+92.91 to station 55+36.65 the slope of the profile is 0.294% or 15.5' per mile. Near this location there is a significant change in elevation of the ground, thus the significant change in slope. From station 55+30.65 to the beginning of the main ditch the slope of the profile is 0.0228% or 1.2' per mile. Other slopes in this portion were reviewed. However, this slope proved to be the lowest cost when reviewed based on hydraulics, right-of-way, and construction of the ditch. It also afforded positive drainage for Lateral 1 and Lateral 2.

Lateral 1 was designed with a bottom of 4' and 3 horizontal to 1 vertical side slopes. Within portions of the laterals the bottom width could have been reduced for hydraulic capacity, however construction of a ditch with narrower bottom widths has previously proved to be problematic with conventional construction equipment and thus was not recommended. The slope of the ditch profile is 0.0242% or 1.28' per mile. The profile was determined from the flowline of main ditch at the confluence of Lateral 1 and the 30" RCP culvert under Interstate 29.

Lateral 2 was designed with a bottom width of 4' and 3 horizontal to 1 vertical side slopes. Within portions of the laterals the bottom width could have been reduced for hydraulic capacity, however construction of a ditch with narrower bottom widths has previously proved to be problematic with conventional construction equipment and thus was not recommended. The slope of the ditch profile is 0.0869% or 4.59' per mile. The profile was determined from the flowline of the main ditch at the confluence of Lateral 2 and the flow line of the 15" RCP culvert near the intersection of Lakeport Street and Maple Street.

Lateral 3 is the existing storm sewer system of the City of Salix, Iowa. In conversations with the petitioners, it is recommended that these be included into the plans for the creation of the drainage district.

Thus, the proposed drainage district right-of-way is recommended as follows:

### **Main Ditch**

Commencing at the west line of Lot E of the Auditors Plat of part of sections 4 and 5 Township 86 North, Range 46 West as filed in envelope 338B in the Woodbury County Courthouse. Thence east along the south right-of-way line of 280th Street to a parcel filed Instrument 2023-03627 as filed in the Woodbury County Courthouse. Thence following along the south and east side of said deed to the south right-of-way of 280th Street. Thence continuing east along said right-of-way line 155 feet. Thence to the north right-of-way commencing at the west line of the SE ¼ of Section 33, thence east to the west right-of-way of Interstate 29. Thence continuing from the east right-of-way line of Interstate 29 and 80 feet wide right-of-way located north of the south line of Section 34 to Lakeport Street. Thence continuing east along the north right-of-way line of 280th Street to Tama Street. Thence north in the west right-of-way Tama Street to the south right-of-way line of Walnut Street.

### **Lateral 1**

Commencing at 280th Street thence continuing north along the west right-of-way line of Interstate 29 to the south of right-of-way line of 275th Street. Thence crossing 275th Street and continuing along the west right-of-way line to the south line of a parcel as filed in deed book 350-368 as filed in the Woodbury County Courthouse. Thence west along the south line of the parcel to the west right-of-way of Benton Avenue. Thence north along the west right-of-way line of Benton Avenue to the westerly right-of-way of Interstate 29.

### **Lateral 2**

Commencing at the east side of the right-of-way of Lakeport Street and the north side of 280th Street thence north to a location 30 feet south of the south right-of-way line of Maple Street.

### **Lateral 3**

Commencing at the south right-of-way and extending west to the west right-of-way line of Oak Street and extending east to the east right-of-way line of Travis Street. In addition, commencing at the alley between Oak Street and Elm Street on Maple Street thence north to the north right-of-way line of Willow Street. In addition, commencing at Maple Street thence south 32 feet along Lakeport Street, and at Maple Street thence north 10 feet along Elm Street, and at Maple Street thence north 15 feet along Oak Street.

In addition, commencing at the South Right of Way line of Walnut Street at Tama Street thence continuing in a northwesterly direction along Tama Street to Maple Street. Thence West along Maple Street to the centerline of the Right of Way line of Pine Street.

The above descriptions are general in nature. A more detailed description can be found in the easements portion of the Report. The existing right-of-way for the roadway easements areas will be included in the total acres for the drainage district easement. This is more completely described in the easements portion of the Report and in the tables shown on the following page.

### **Machinery and Equipment Access**

Iowa Code section 468.12(d) requires a plan for equipment and machinery access. The proposed Main Ditch and Laterals predominantly parallel existing roadways. Also, all existing accesses from the roadways are maintained for entrance to fields or structures. Thus, for the construction of the Main Ditch and Laterals it is planned that the contractor will utilize the existing roadways for moving equipment to the main and laterals. Once at the construction site the contractor will work predominantly from the field side of the roadway when creating the ditch.

**Main Ditch Easement Table**

| PARCEL NO. | OWNER                                    | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|--|--------------------|---------------------------------|----------------------------|
| 1          | IOWA STATE CONSERVATION COMMISSION       | 0.10               | 0.06                            | 0.16                       |
| 2          | WAGNER, PAULA                            | 1.66               | 0.96                            | 2.62                       |
| 3          | MIDAMERICAN ENERGY CO.                   | 1.43               | 0.82                            | 2.25                       |
| 4          | WAGNER, PAUL & CARMEN                    | 1.36               | 0.78                            | 2.14                       |
| 5          | WAGNER FARM ENTERPRISES LLC              | 1.26               | 0.72                            | 1.98                       |
| 6          | JORGENSEN, LANE & LUCINDA                | 1.19               | 3.20                            | 4.39                       |
| 7          | JORGENSEN, LANE & LUCINDA                | 0.99               | 2.98                            | 3.97                       |
| 8          | JORGENSEN, LEONARD & PATRICIA TRUST ETAL | 0.12               | 0.25                            | 0.37                       |
| 9          | SIMPSON, BRAD & RHONDA ETAL              | 2.05               | 4.19                            | 6.24                       |
| 10         | GALLAND, RICHARD TRUST                   | 2.16               | 4.17                            | 6.33                       |
| 11         | JOCHUM, LEO & BEVERLY                    | 0.06               | 3.71                            | 3.77                       |
| 12         | JOCHUM, GREGORY & KRISTA                 | 1.90               | 2.33                            | 4.23                       |
|            |  |                    |                                 |                            |

**Lateral 1 Easement Table**

| PARCEL NO. | OWNER                  | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|------------------------|--------------------|---------------------------------|----------------------------|
| 1.1        | GALLAND, RICHARD TRUST | 0.76               | 5.06                            | 5.82                       |
| 1.2        | PATTERSON, RICHARD     | 0.58               | 5.19                            | 5.77                       |
| 1.3        | PATTERSON, RICHARD     | 0.29               | 3.74                            | 4.03                       |
| 1.4        | PATTERSON, RICHARD     | 0.32               | 0.32                            | 0.64                       |
|            |                        |                    |                                 |                            |

**Lateral 2 Easement Table**

| PARCEL NO. | OWNER                    | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|--------------------------|--------------------|---------------------------------|----------------------------|
| 2.1        | JOCHUM, GREGORY & KRISTA | 1.22               | 1.01                            | 2.23                       |
|            |                          |                    |                                 |                            |

**Lateral 3 Easement Table**

| PARCEL NO. | OWNER         | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|---------------|--------------------|---------------------------------|----------------------------|
| 3.1        | CITY OF SALIX | 2.02               | 0.00                            | 2.02                       |
| 3.2        | CITY OF SALIX | 2.14               | 0.00                            | 2.14                       |
|            |               |                    |                                 |                            |



## **Opinion of Cost**

Within the report are opinions of cost for the Main Ditch, Lateral 1, Lateral 2, Secondary Roads, and the City of Salix. Due to the complexity of working within the Interstate 29 right-of-way an estimate was not developed for the proposed box culvert. It is anticipated that the Iowa Department of Transportation would pay for the cost of the structure if the drainage district is to be formed.

## **Drainage District Establishment Process Summary**

Iowa Code Section (IC) 468 "Levee and Drainage Districts and Improvements" lists the process for establishment of a new drainage district. This report is intended to fulfil the requirements of IC 468.12 Report. Below are the associated IC sections that pertain to the creation of the proposed district. Most of steps will need to be completed for creation of the district. For each code section below is a summary. Specific details of Iowa Code are not listed below. Rather the Board of Supervisors shall reach out to the District Creation Attorney Brian L. Yung for specific Details.

### **468.14 Notice of hearing.**

When the engineer has submitted a Report to the Board of Supervisors, the auditor shall send notice to the landowners within the proposed district.

### **468.21 Hearing of petition — dismissal.**

Board may dismiss the petition if it is found not to materially benefit the lands or the cost to be excessive.

### **468.22 Establishment — further investigation.**

The board may establish, refuse to establish, or direct the engineer to make further examination of the proposed district as recommended by the engineer.

### **468.23 Settling basins — purchase or lease of lands.**

The board may purchase the lands required for right-of-way in lieu of condemning lands.

### **468.24 Appraisers.**

If the board does find that the improvements will benefit lands, the auditor shall appoint three (3) appraisers to assess all damages to adjoining landowners for creation of the district.

### **468.25 Assessment — report — adjournment — other appraisers.**

The appointed appraisers shall assess damages to each claimant and file with the county auditor a report showing the amount of damage sustained by each claimant.

### **468.26 Award by board.**

At a public hearing the Board of Supervisors shall determine the amounts sustained by each claimant.

### **468.27 Dismissal or establishment — permanent easement.**

The Board of Supervisors after the public hearing can approve the petition or dismiss the petition. If they approve the petition, the district is established and the drainage district is deemed to have acquired permanent easement.

### **468.28 Dismissal on remonstrance.**

Prior to establishing the drainage district if fifty (50) percent of the landowners owning at least seventy (70) percent of the land sign a remonstrance the Board of Supervisors shall dismiss the petition for creation of the drainage district.

### **468.29 Dissolution.**

If after two years construction has not started, a petition may be filed by a majority of landowners owning sixty (60) percent or more of the land in said district and the drainage district can be dismissed.

### **468.322 Jurisdiction relinquished.**

The Board of Supervisors may relinquish the drainage district if twenty-five (25) percent or more of the total area is located within the corporate limits of any city.

**OPINION OF COST - MAIN DITCH - SALIX DRAINAGE DISTRICT - SEPTEMBER 13, 2023**

| No. | Item Code    | Item                         | Unit | Quantity | Unit Price  | Extended Price |
|-----|--------------|------------------------------|------|----------|-------------|----------------|
| 1   | 2102-2625000 | EMBANKMENT-IN-PLACE          | CY   | 7,000    | \$2.50      | \$17,500.00    |
| 2   | 2104-2710020 | EXCAVATION, CL 10, CHANNEL   | CY   | 126,000  | \$1.75      | \$220,500.00   |
| 3   | 2422-1722078 | CULVERT, ENTRANCE PIPE, 78"  | LF   | 140      | \$330.00    | \$46,200.00    |
| 4   | 2422-1722084 | CULVERT, ENTRANCE PIPE, 84"  | LF   | 508      | \$410.00    | \$208,280.00   |
| 5   | 2535-8700001 | TYPE 4 CLOSED FACE CRIB WALL | LS   | 1        | \$41,000.00 | \$41,000.00    |
| 6   | 2599-9999003 | LEVELING, CLASS 10, CHANNEL  | CY   | 119,000  | \$0.75      | \$89,250.00    |
| 7   | 2601-2634105 | MULCH                        | ACRE | 25       | \$1,600.00  | \$40,000.00    |
| 8   | 2601-2636043 | SEED+FERTILIZE (RURAL)       | ACRE | 25       | \$2,400.00  | \$60,000.00    |

**ENGINEERS CONSTRUCTION ESTIMATE** **\$722,730.00**  
**RIGHT-OF-WAY PURCHASE ESTIMATE** ACRE 38.45 \$10,000.00 **\$384,500.00**

**ENGINEERS ESTIMATE** **\$1,107,230.00**

**OPINION OF COST - LATERAL 1 - SALIX DRAINAGE DISTRICT - SEPTEMBER 13, 2023**

| No. | Item Code    | Item                        | Unit | Quantity | Unit Price  | Extended Price |
|-----|--------------|-----------------------------|------|----------|-------------|----------------|
| 1   | 2102-2625000 | EMBANKMENT-IN-PLACE         | CY   | 100      | \$2.50      | \$250.00       |
| 2   | 2104-2710020 | EXCAVATION, CL 10, CHANNEL  | CY   | 47,000   | \$1.75      | \$82,250.00    |
| 3   | 2422-1722060 | CULVERT, ENTRANCE PIPE, 60" | LF   | 64       | \$220.00    | \$14,080.00    |
| 4   | 2541-1005001 | SEALER MATERIAL (HMA SURF)  | LS   | 1        | \$10,000.00 | \$10,000.00    |
| 5   | 2599-9999003 | LEVELING, CLASS 10, CHANNEL | CY   | 46,900   | \$0.75      | \$35,175.00    |
| 6   | 2601-2640350 | MULCH                       | ACRE | 9        | \$1,600.00  | \$14,400.00    |
| 7   | 2601-2636043 | SEED+FERTILIZE (RURAL)      | ACRE | 9        | \$2,400.00  | \$21,600.00    |

**ENGINEERS CONSTRUCTION ESTIMATE** **\$177,755.00**  
**RIGHT-OF-WAY PURCHASE ESTIMATE** ACRE 16.26 \$10,000.00 **\$162,600.00**

**ENGINEERS ESTIMATE** **\$340,355.00**

**OPINION OF COST - LATERAL 2 - SALIX DRAINAGE DISTRICT - SEPTEMBER 13, 2023**

| No. | Item Code    | Item                                       | Unit | Quantity | Unit Price | Extended Price |
|-----|--------------|--|------|----------|------------|----------------|
| 1   | 2102-2625000 | EMBANKMENT-IN-PLACE                        | CY   | 1,000.0  | \$2.50     | \$2,500.00     |
| 2   | 2104-2710020 | EXCAVATION, CL 10, CHANNEL                 | CY   | 2,400.0  | \$1.75     | \$4,200.00     |
| 3   | 2422-1722060 | CULVERT, ENTRANCE PIPE, 60"                | LF   | 64.0     | \$220.00   | \$14,080.00    |
| 4   | 2549-0001037 | PIPE LINING, RESIN, CURED-IN-PLACE, GT 36" | LS   | 1.0      | \$1,500.00 | \$1,500.00     |
| 5   | 2599-9999003 | LEVELING, CLASS 10, CHANNEL                | CY   | 1,400.0  | \$0.75     | \$1,050.00     |
| 6   | 2602-0000110 | MULCH                                      | ACRE | 1.4      | \$1,600.00 | \$2,240.00     |
| 7   | 2601-2636043 | SEED+FERTILIZE (RURAL)                     | ACRE | 1.4      | \$2,400.00 | \$3,360.00     |

**ENGINEERS CONSTRUCTION ESTIMATE** **\$28,930.00**  
**RIGHT-OF-WAY PURCHASE ESTIMATE** ACRE 2.23 \$10,000.00 **\$22,300.00**

**ENGINEERS ESTIMATE** **\$51,230.00**

**OPINION OF COST - SECONDARY ROADS - SALIX DRAINAGE DISTRICT - SEPTEMBER 13, 2023**

| No. | Item Code    | Item                           | Unit | Quantity | Unit Price  | Extended Price |
|-----|--------------|--------------------------------|------|----------|-------------|----------------|
| 1   | 2416-1170060 | CULV, 3000D CONC ENT PIPE, 60" | LF   | 130      | \$525.00    | \$68,250.00    |
| 2   | 2416-1170084 | CULV, 3000D CONC ENT PIPE, 84" | LF   | 196      | \$800.00    | \$156,800.00   |
| 3   | 2422-1722060 | CULVERT, ENTRANCE PIPE, 48"    | LF   | 40       | \$120.00    | \$4,800.00     |
| 4   | 2422-1722078 | CULVERT, ENTRANCE PIPE, 78"    | LF   | 356      | \$310.00    | \$110,360.00   |
| 5   | 2533-4980005 | MOBILIZATION                   | LS   | 1        | \$25,000.00 | \$25,000.00    |
| 6   | 2599-9999003 | 8' x 5' RCP BOX CULVERT        | LF   | 67       | \$1,300.00  | \$87,100.00    |

**ENGINEERS CONSTRUCTION ESTIMATE**

**\$452,310.00**

**OPINION OF COST - CITY OF SALIX - SALIX DRAINAGE DISTRICT - SEPTEMBER 13, 2023**

| No. | Item Code    | Item                    | Unit | Quantity | Unit Price | Extended Price |
|-----|--------------|-------------------------|------|----------|------------|----------------|
| 1   | 2533-4980005 | MOBILIZATION            | LS   | 1        | \$5,000.00 | \$5,000.00     |
| 2   | 2599-9999003 | 8' x 5' RCP BOX CULVERT | LF   | 67       | \$1,300.00 | \$87,100.00    |

**ENGINEERS CONSTRUCTION ESTIMATE**

**\$92,100.00**

SALIX DRAINAGE DISTRICT CREATION - PARCEL INFORMATION

| PIN          | Address Number | Street Name | City  | Deedholder Name                             |
|--------------|----------------|-------------|-------|---|
| 874727300001 | 2696           | BENTON AVE  | SALIX | BROUILLETTE ROBERT E & JANE A               |
| 874727300002 |                |             |       | PATTERSON RICHARD J G                       |
| 874727300003 |                |             |       | REYNOLDS LAURENCE V TRUST                   |
| 874727300005 |                |             |       | PATTERSON RICHARD J G                       |
| 874727300006 |                |             |       | REYNOLDS LAURENCE V TRUST                   |
| 874728200004 |                |             |       | PATTERSON RICHARD J G                       |
| 874728200005 |                |             |       | PATTERSON RICHARD J G                       |
| 874728200007 |                |             |       | PATTERSON RICHARD J G                       |
| 874728200010 |                |             |       | LEE DANIEL GORDON                           |
| 874728200011 |                |             |       | LERER NORA REYNOLDS                         |
| 874728400001 |                |             |       | PATTERSON RICHARD J G                       |
| 874728400004 |                |             |       | PATTERSON RICHARD J G                       |
| 874728400005 |                |             |       | PATTERSON RICHARD J G                       |
| 874728400006 | 1452           | 260TH ST    | SALIX | PATTERSON RICHARD J G                       |
| 874733226003 | 2715           | BENTON AVE  | SALIX | WAGNER PAUL L & CARMEN M JT REVOCABLE TRUST |
| 874733276001 |                |             |       | WAGNER PAUL L & CARMEN M JT REVOCABLE TRUST |
| 874733400002 |                |             |       | SIMPSON BRAD & RHONDA ETAL                  |
| 874733400003 |                |             |       | SIMPSON BRAD & RHONDA ETAL                  |
| 874733400004 | 2769           | BENTON AVE  | SALIX | JUAREZ FRANK & NICOLLE D                    |
| 874733400005 |                |             |       | SIMPSON BRAD & RHONDA ETAL                  |
| 874733400006 |                |             |       | SIMPSON BRAD & RHONDA ETAL                  |
| 874734100001 |                |             |       | PATTERSON RICHARD J G                       |
| 874734100002 |                |             |       | PATTERSON RICHARD J G                       |
| 874734300001 | 2752           | BENTON AVE  | SALIX | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300002 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300002 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300003 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300004 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300005 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300006 |                |             |       |   |
| 874734300007 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300008 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300009 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734300010 |                |             |       | GALLAND RICHARD M REVOCABLE LIVING TRUST    |
| 874734401001 | 1556           | 275TH ST    | SALIX |   |
| 874734401002 | 1562           | 275TH ST    | SALIX | VAN BEEK ROGER & CAROL                      |
| 874734401003 | 1570           | 275TH ST    | SALIX | SPENCER WARREN A & DIANE F                  |
| 874734401004 | 1576           | 275TH ST    | SALIX | WIEBERS ALLAN R & KAREN L                   |
| 874734401005 | 1584           | 275TH ST    | SALIX | FRIGGE JOSEPH                               |
| 874734401006 |                |             |       | JOCHUM GREGORY & KRISTA                     |
| 874734426001 | 506            | TIPTON ST   | SALIX | ST JOSEPH ROMAN CATHOLIC                    |
| 874734426002 |                |             |       | ST JOSEPH CEMETARY                          |
| 874734426003 | 902            | POPLAR ST   | SALIX | SKIDMORE DEANNA M & TIM W                   |
| 874734426004 | 308            | OAK ST      | SALIX | CLAUS BARRY & LAURA                         |
| 874734426006 |                | LAKEPORT ST | SALIX | JOCHUM GREGORY J & KRISTA D                 |

| PIN          | Address Number | Street Name | City  | Deedholder Name                          |
|--------------|----------------|-------------|-------|--|
| 874734426008 | 807            | MAPLE ST    | SALIX | PETERSEN STEVEN A & LISA ANN             |
| 874734426009 | 502            | LAKEPORT ST | SALIX | BOVINETT DONALD & VICTORIA R             |
| 874734426013 | 508            | LAKEPORT ST | SALIX | HUBERT FRANCIS G & FAY ANN J             |
| 874734426014 |                |             |       | JOCHUM GREGORY J & KRISTA D              |
| 874734426015 | 506            | LAKEPORT ST | SALIX | CLAYTON STEVEN                           |
| 874734426017 | 809            | MAPLE ST    | SALIX | HEILMAN STACY L                          |
| 874734426020 | 402            | OAK ST      | SALIX | LHD3,INC                                 |
| 874734426021 | 404            | OAK ST      | SALIX | LHD3,INC                                 |
| 874734426022 | 406            | OAK ST      | SALIX | KNIGHT CONCRETE CONSTRUCTION INC         |
| 874734426023 | 408            | OAK ST      | SALIX | HANSEN JUSTIN E                          |
| 874734426026 |                | OAK ST      | SALIX | SALIX CITY OF                            |
| 874734426027 | 410            | OAK ST      | SALIX | CHOQUETTE MITCHELL L                     |
| 874734426028 |                |             |       | LUDWIG PERRY E & BABBY J                 |
| 874734427001 |                | OAK ST      | SALIX | LAMOUREUX LARRY E                        |
| 874734427002 | 303            | OAK ST      | SALIX | JOHNSON DEBORAH L                        |
| 874734427003 | 307            | OAK ST      | SALIX | JOHNSON DEBORAH L                        |
| 874734427004 | 804            | WILLOW ST   | SALIX | HUOT ROGER D JR & JUDITH                 |
| 874734427005 | 302            | ELM ST      | SALIX | ALLEN LYNN D                             |
| 874734427006 | 306            | ELM ST      | SALIX | STOULP EDWARD E & MARY M LE              |
| 874734427009 | 312            | ELM ST      | SALIX | JACBOSEN CHRISTINE M & AARON A           |
| 874734428001 | 704            | POPLAR ST   | SALIX | LAMOUREUX EDWARD E & DOROTHY E           |
| 874734428002 | 702            | POPLAR ST   | SALIX | GIRARD JACK ALLEN & JODIE MARY ELLEN     |
| 874734428003 | 305            | ELM ST      | SALIX | CLARK ALEXANDER J                        |
| 874734428004 | 307            | ELM ST      | SALIX | CLAYTON SCOTT M                          |
| 874734428006 | 704            | WILLOW ST   | SALIX | BROUILLETTE ROBERT E & JANE A            |
| 874734428008 | 702            | WILLOW ST   | SALIX | BROUILLETTE ROBERT E & JANE A            |
| 874734428009 | 310            | LAKEPORT ST | SALIX | BROUILLETTE ROBERT E & JANE              |
| 874734429001 | 805            | WILLOW ST   | SALIX | DICK MARY KATHLEEN & DICK DWAYNE WILLIAM |
| 874734429002 | 405            | OAK ST      | SALIX | BROWN MARCIA LINN                        |
| 874734429003 | 812            | MAPLE ST    | SALIX | LADO NORTE LLC                           |
| 874734429004 | 801            | WILLOW ST   | SALIX | PETERSEN JAMES A & SHERI L SCHRAM        |
| 874734429005 | 406            | ELM ST      | SALIX | PRINCE JERI L                            |
| 874734429006 | 412            | ELM ST      | SALIX | SMITH DEANNA M                           |
| 874734430001 | 401            | ELM ST      | SALIX | SHREVE WILLIAM JOSEPH                    |
| 874734430002 | 403            | ELM ST      | SALIX | SHREVE WILLIAM J & CARLA A               |
| 874734430003 | 405            | ELM ST      | SALIX |  |
| 874734430004 | 407            | ELM ST      | SALIX | HUOT DAVID R                             |
| 874734430005 | 409            | ELM ST      | SALIX | GARCIA TONY & BRENDA                     |
| 874734430006 | 408            | LAKEPORT ST | SALIX | WILDER DAVID L                           |
| 874734430007 | 702            | MAPLE ST    | SALIX | HUBERT MARK R                            |
| 874734452001 |                |             |       | JOCHUM LEO R & BEVERLY A                 |
| 874734476001 |                |             |       | JOCHUM LEO R & BEVERLY A                 |
| 874735301001 | 608            | POPLAR ST   | SALIX | NEWMAN JOLENE MARIE                      |
| 874735301002 | 305            | LAKEPORT ST | SALIX | CAMERER RALPH M                          |
| 874735301003 | 307            | LAKEPORT ST | SALIX | CAMERER RALPH M                          |

| PIN          | Address Number | Street Name | City  | Deedholder Name                |
|--------------|----------------|-------------|-------|--------------------------------|
| 874735301004 | 506            | WILLOW ST   | SALIX | BENNETT CHRISTOPHER D          |
| 874735301006 | 304            | TRAVIS ST   | SALIX | CHOQUETTE VANCE M & DANITA M   |
| 874735301007 | 308            | TRAVIS ST   | SALIX | BURKHART JASON L & DENISE L    |
| 874735301008 | 502            | WILLOW ST   | SALIX | BRUNEAU WEYLIN J               |
| 874735301009 | 606            | POPLAR ST   | SALIX | RECTOR GAY L                   |
| 874735301010 | 302            | TRAVIS ST   | SALIX | WAGNER MARK J                  |
| 874735302001 | 301            | TRAVIS ST   | SALIX | CLAYTON KEVIN R & CATHERINE A  |
| 874735302002 | 508            | POPLAR ST   | SALIX | CAMERER RALPH M                |
| 874735302003 | 303            | TRAVIS ST   | SALIX | WOLF LARRY L                   |
| 874735302004 | 406            | WILLOW ST   | SALIX | NELSON KEVIN W & MOLLY J       |
| 874735302007 | 308            | TIPTON ST   | SALIX | MC DERMOTT RANDY LEROY         |
| 874735302008 | 310            | TIPTON ST   | SALIX | NEITZEL ROBERT & DANIEL        |
| 874735302009 | 312            | TIPTON ST   | SALIX | WISEMAN JASON & AMY            |
| 874735302010 | 314            | TIPTON ST   | SALIX | WANKUM VERLA KAY               |
| 874735302011 | 316            | TIPTON ST   | SALIX | MULVIHILL MILDRED F            |
| 874735302012 | 404            | WILLOW ST   | SALIX | CLAYTON KEVIN R & CATHERINE A  |
| 874735302013 | 318            | TIPTON ST   | SALIX | HINRICKSON CHRISTINA I         |
| 874735302014 | 302            | TIPTON ST   | SALIX | ACQUIRE PROPERTIES LLC         |
| 874735303001 | 301            | TIPTON ST   | SALIX | WALKER'S OF SALIX, INC         |
| 874735303003 | 404            | POPLAR ST   | SALIX | NORTHWEST IOWA TELEPHONE CO    |
| 874735303004 | 309            | TIPTON ST   | SALIX | CITY OF SALIX                  |
| 874735303005 |                |             |       | CITY OF SALIX                  |
| 874735303006 | 311            | TIPTON ST   | SALIX | SALIX VOLUNTEER FIRE DEPT.INC  |
| 874735303007 | 313            | TIPTON ST   | SALIX | SALIX VOLUNTEER FIRE DEPT.INC  |
| 874735303008 | 317            | TIPTON ST   | SALIX | SALIX VOLUNTEER FIRE DEPT.INC  |
| 874735303009 | 310            | TALBOT ST   | SALIX | SKIDMORE KYLE                  |
| 874735303010 |                | TALBOT ST   | SALIX | PIETSCH MICHAEL J & DANA L     |
| 874735303011 | 314            | TALBOT ST   | SALIX | PIETSCH MICHAEL J              |
| 874735303012 | 316            | TALBOT ST   | SALIX | PIETSCH MICHAEL J              |
| 874735303013 | 406            | POPLAR ST   | SALIX | WALKER'S OF SALIX, INC         |
| 874735303014 | 406            | POPLAR ST   | SALIX | SKIDMORE INDUSTRIES INC.       |
| 874735304001 |                | TAMA ST     | SALIX | CITY OF SALIX                  |
| 874735305001 | 308            | POPLAR ST   | SALIX | RE RAND FAMILY LLC             |
| 874735305005 |                | TAMA ST     | SALIX | PETERSON BRIAN D               |
| 874735305006 |                | TAMA ST     | SALIX | RE RAND FAMILY LLC             |
| 874735306001 | 505            | WILLOW ST   | SALIX | TBR INVESTMENTS LLC            |
| 874735306002 | 402            | TRAVIS ST   | SALIX | GARRETT AUBRA D & WILLIE E III |
| 874735306003 | 404            | TRAVIS ST   | SALIX | TBR INVESTMENTS LLC            |
| 874735306004 | 406            | TRAVIS ST   | SALIX | HINRICKSON DANIE R             |
| 874735306005 | 409            | LAKEPORT ST | SALIX | SCOTT KAY FRANCES              |
| 874735306006 | 606            | MAPLE ST    | SALIX | SCOTT EDWIN A & RACHELLE J     |
| 874735306007 | 410            | TRAVIS ST   | SALIX | VAN CLEVE GARY C               |
| 874735306008 | 412            | TRAVIS ST   | SALIX | HENNINGS KEVIN                 |
| 874735307001 | 401            | TRAVIS ST   | SALIX | DEAN MICHAEL LEE               |
| 874735307002 | 405            | TRAVIS ST   | SALIX | IVERSON PAUL & SUSAN           |

| PIN          | Address Number | Street Name | City  | Deedholder Name                     |
|--------------|----------------|-------------|-------|-------------------------------------|
| 874735307003 | 407            | TRAVIS ST   | SALIX | FEESER ANDREW R                     |
| 874735307006 | 402            | TIPTON ST   | SALIX | HINRICKSON LOUIE C III              |
| 874735307007 | 404            | TIPTON ST   | SALIX | SHILLING CAITLIN NICHOLE            |
| 874735307008 | 406            | TIPTON ST   | SALIX | NELSON RONALD R & JANICE L          |
| 874735307009 | 408            | TIPTON ST   | SALIX | SMITH BRENDA J                      |
| 874735307010 | 412            | TIPTON ST   | SALIX | BLACK LONNIE J                      |
| 874735307011 | 506            | MAPLE ST    | SALIX | FEESER ANDREW R                     |
| 874735308001 | 403            | TIPTON ST   | SALIX | ARNOLD ANTHONY G & MIRANDA L        |
| 874735308002 | 405            | TIPTON ST   | SALIX | THORPE DOROTHY & RUPERT LE          |
| 874735308003 | 409            | TIPTON ST   | SALIX | NELSON FRED A & ELLA C              |
| 874735308004 | 411            | TIPTON ST   | SALIX | JEWETT RAYME                        |
| 874735308005 | 402            | TALBOT ST   | SALIX |                                     |
| 874735308006 | 404            | TALBOT ST   | SALIX | TBR INVESTMENTS LLC                 |
| 874735308007 | 406            | TALBOT ST   | SALIX | BLACK LONNIE J                      |
| 874735308008 | 410            | TALBOT ST   | SALIX | SCOTT EDWIN A & RACHELLE J          |
| 874735308009 | 402            | MAPLE ST    | SALIX | MARSHALL DON R                      |
| 874735309001 | 401            | TALBOT ST   | SALIX | BLACK NICHOLAS                      |
| 874735309002 | 403            | TALBOT ST   | SALIX | ALLEN JODY P                        |
| 874735309003 | 405            | TALBOT ST   | SALIX | WOODFORD CHARLES R & MARCIA E       |
| 874735309004 | 407            | TALBOT ST   | SALIX | BLACK RUSSELL E & JO ANN M          |
| 874735309005 | 411            | TALBOT ST   | SALIX | SCHNEIDERS CHRISTOPHER S & TAMMIE R |
| 874735309006 | 302            | MAPLE ST    | SALIX | BROUILLETTE ROBERT E & JANE A       |
| 874735309007 |                |             |       | BLACK NICHOLAS                      |
| 874735310001 | 510            | TIPTON ST   | SALIX | ST JOSEPH ROMAN CATHOLIC            |
| 874735311005 | 502            | TALBOT ST   | SALIX | FLEMING DYLAN MICHAEL               |
| 874735311006 | 504            | TALBOT ST   | SALIX | LAMOUREUX ROBERT SCOTT              |
| 874735311007 | 506            | TALBOT ST   | SALIX | SCHULTE RUSSEL J                    |
| 874735311008 | 512            | TALBOT ST   | SALIX | LUESEBRINK CRIAG L                  |
| 874735311009 | 501            | TIPTON ST   | SALIX | SULLIVAN JONATHAN W & KATIE M       |
| 874735311011 | 503            | TIPTON ST   | SALIX | THORPE ROXANN M                     |
| 874735311012 | 507            | TIPTON ST   | SALIX | BYERS MELISSA A                     |
| 874735311014 | 511            | TIPTON ST   | SALIX | DUERKSEN JESSE R & BRENDA S         |
| 874735312003 | 505            | TALBOT ST   | SALIX | BLACK JESSE J                       |
| 874735312004 | 507            | TALBOT ST   | SALIX | BLACK JESSE J                       |
| 874735312005 | 509            | TALBOT ST   | SALIX | DIETSCHY BLAINE                     |
| 874735312006 | 511            | TALBOT ST   | SALIX | HANSEN JEREMY D                     |
| 874735312007 | 502            | PINE ST     | SALIX | WHEELER BRADLEY J & MELODY E        |
| 874735312009 |                |             |       | ELIASON STEVEN C                    |
| 874735312010 | 510            | PINE ST     | SALIX | BEZANSON CHELSEA C                  |
| 874735312011 | 302            | WALNUT ST   | SALIX | RONFELDT RANDALL R                  |
| 874735312012 |                |             |       | WHEELER BRADLEY J & MELODY E        |
| 874735312013 | 506            | PINE ST     | SALIX | ZIEMAN CAM C                        |
| 874735312014 | 501            | TALBOT ST   | SALIX | DICKS SHARLA M                      |
| 874735327002 | 505            | PINE ST     | SALIX | BROUILLETTE ROBERT E & JANE A       |
| 874735327003 | 507            | PINE ST     | SALIX | GRAY NICHOLE L                      |

| PIN          | Address Number | Street Name | City  | Deedholder Name                       |
|--------------|----------------|-------------|-------|---------------------------------------|
| 874735327004 | 508            | TAMA ST     | SALIX | GRIES CURTIS D & TRISHA A             |
| 874735327005 | 511            | PINE ST     | SALIX | ELIASON BEVERLY L                     |
| 874735327006 | 204            | WALNUT ST   | SALIX | NELSON DONNIE L                       |
| 874735327010 |                |             |       | RE RAND FAMILY LLC                    |
| 874735327011 | 202            | WALNUT ST   | SALIX | GRIES TRISHA A & CURTIS D             |
| 874735327012 | 501            | PINE ST     | SALIX | COMSTOCK BOBBY AREND & ANITA MARGARET |
| 874735327013 |                |             |       | CAMERER RALPH M & BRANDY L            |
| 874735351001 |                | WALNUT ST   | SALIX | KOENIG ANN P TRUST                    |
| 874735351002 |                | WALNUT ST   | SALIX | KOENIG ANN P TRUST                    |
| 874735351003 | 407            | WALNUT ST   | SALIX | NORTON JOSEPH C                       |
| 874735351004 | 405            | WALNUT ST   | SALIX | SCOTT ABBY LEE                        |
| 874735351005 |                |             |       | CITY OF SALIX                         |
| 874735351006 |                |             |       | CITY OF SALIX                         |
| 874735351007 |                |             |       | CITY OF SALIX                         |
| 874735351008 |                |             |       | CITY OF SALIX                         |
| 874735351009 |                |             |       | CITY OF SALIX                         |
| 874735351010 |                |             |       | JOCHUM GREGORY J & KRISTA D           |
| 874735351011 |                |             |       | KOENIG ANN P TRUST                    |
| 874735376001 |                |             |       | CITY OF SALIX                         |
| 874735376002 |                |             |       | CITY OF SALIX                         |
| 874735376003 |                |             |       | CITY OF SALIX                         |
| 874735376004 |                |             |       | CITY OF SALIX                         |
| 874735376005 |                |             |       | CITY OF SALIX                         |
| 874735376006 |                |             |       | CITY OF SALIX                         |
| 874735504003 |                |             |       | UNION PACIFIC RAILROAD                |
| 874735504005 |                |             |       | C & N W R R                           |
| 874735504006 |                |             |       | CITY OF SALIX                         |
|              |                |             |       | STATE OF IOWA                         |
|              |                |             |       | WOODBURY COUNTY SECONDARY ROADS       |



CITY OF SALIX  
PO BOX 240  
Salix, IA 51052



November 14, 2022

Woodbury County Board of Supervisors  
Attention: Pat Gill  
620 Douglas Street  
Sioux City, Iowa 51101

RE: Petition for the Establishment of a Drainage District

Dear Mr. Gill,

The City of Salix has been notified by the Farmers Drainage District that the pumping agreement that has been in place since May 11<sup>th</sup>, 1984 will terminate in December 2023 and will not be renewed. This leaves the City of Salix and the surrounding area with no natural outlet for their stormwater runoff. Without an outlet for the stormwater, the City and surrounding areas will have flooding issues that could result in damage to homes, streets, utilities, and farmground.

The City of Salix has been working with Veenstra & Kimm, Inc. and has had discussions with County Engineer, Mark Nahra, to determine a potential route for a new drainage ditch. The drainage ditch would start at the intersection of 280<sup>th</sup> Street and S. Tama Street then going west along 280<sup>th</sup> Street to the existing drainage channel near Port Neal Road that drains into Snyder Bend (See Attached Map).

After the drainage district has been created the City of Salix would request that the Woodbury County Board of Supervisors transfer control of the drainage district to the City of Salix per Iowa Code Chapter 468.322.


We, the undersigned petitioners, respectfully request that the Woodbury County Board of Supervisors work with the City of Salix and Veenstra & Kimm, Inc. to establish a new Salix Drainage District per Iowa Code Chapter 468.


Per Iowa Code 468.8 this petition includes:


1. See attached map for the lands that may have potential improvements created by the new drainage ditch.
2. Due to no natural outlet for stormwater runoff, the City of Salix and surrounding areas will be subject to flooding.

**Kevin Nelson, Mayor Denise Burkhart, Mayor Pro Tem**  
Council Members: Karen Allen, Emily Clayton, Donnie Nelson, Cindy VanAuken

3. Creating the new drainage ditch will alleviate flooding and provide drainage which will promote public benefit, utility, health, convenience, or welfare.
4. See the attached map for the proposed route.

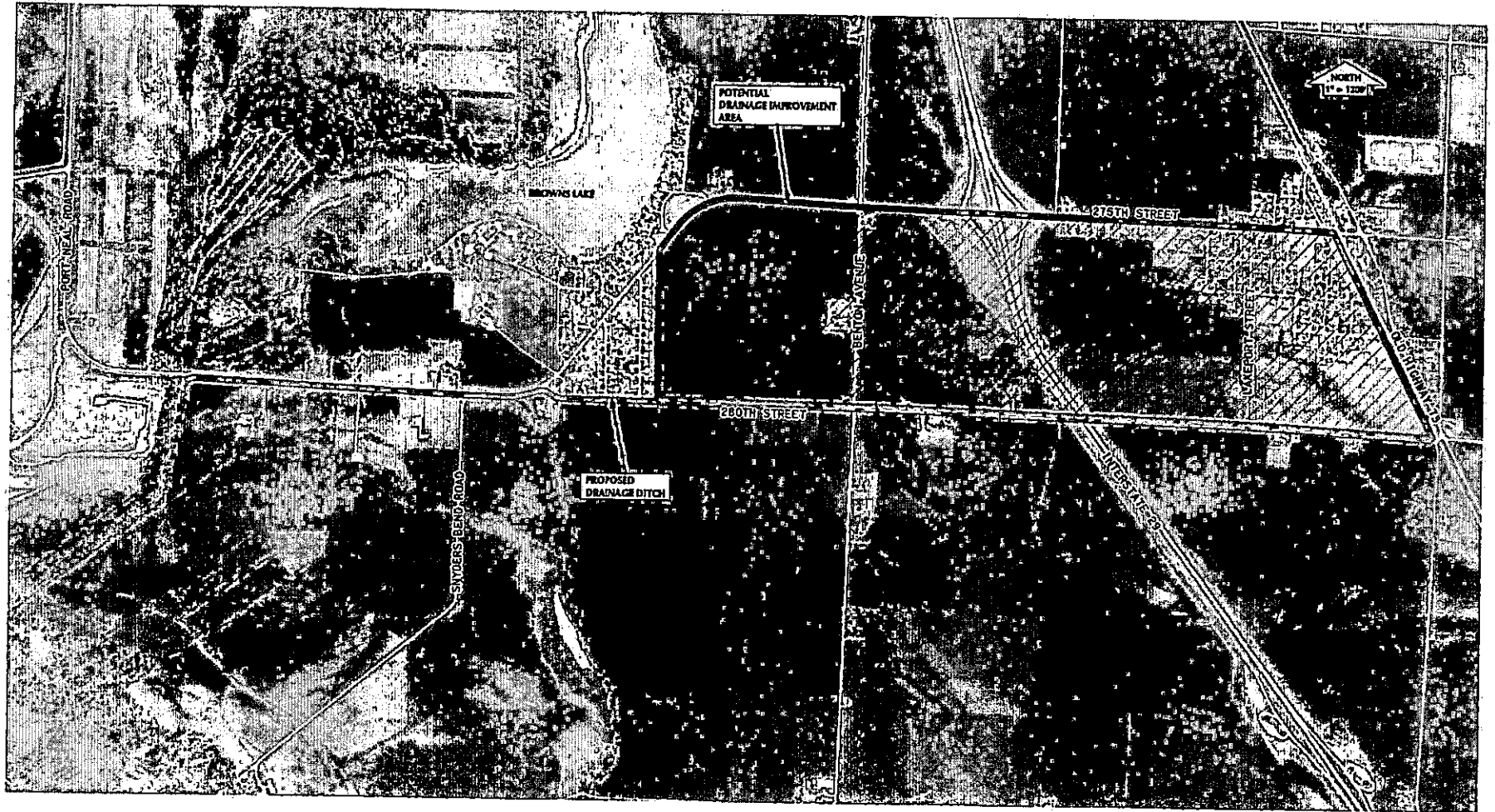
  
KEVIN NELSON, MAYOR

  
Denise Burkhardt - Landowner

  
GREGG JOCHUM, LANDOWNER

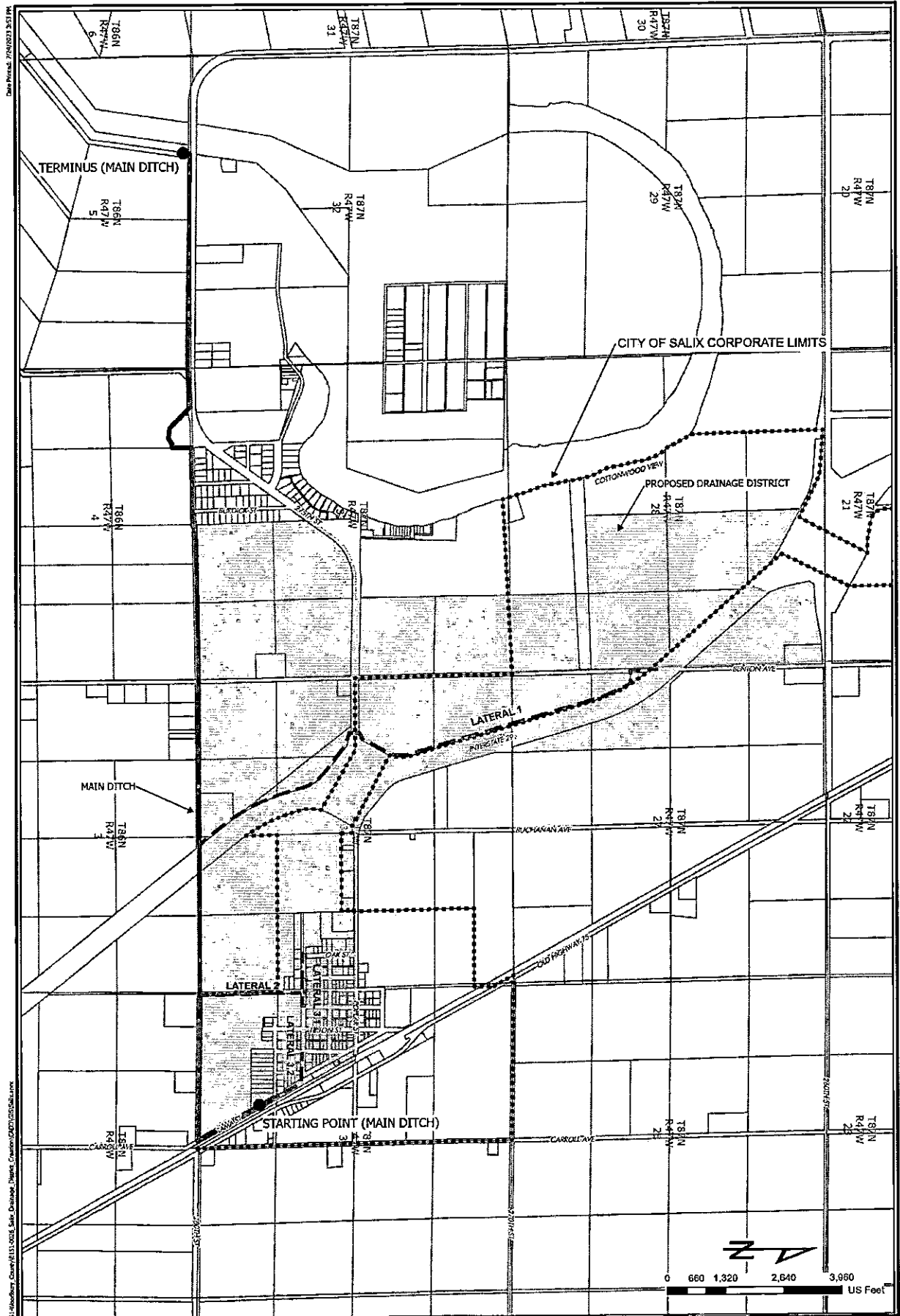
Kevin Nelson, Mayor Denise Burkhardt, Mayor Pro-Tem  
Council Members: Karen Allen, Emily Clayton, Donnie Nelson, Cindy VanAuken

PROJECT  
SALIX, IOWA  
PROPOSED DRAINAGE IMPROVEMENTS



SALIX, IOWA  
PROPOSED DRAINAGE IMPROVEMENTS  
FIGURE 1

SALIX DRAINAGE DISTRICT CREATION - MAP OF PROPOSED DRAINAGE DISTRICT



Date Plotted: 10/03/2023 11:51 AM  
 User: J:\Projects\100151 - Woodbury County\111-100151 - Woodbury County\111-100151 - Salix Drainage District - Creation\100151-100151.dwg



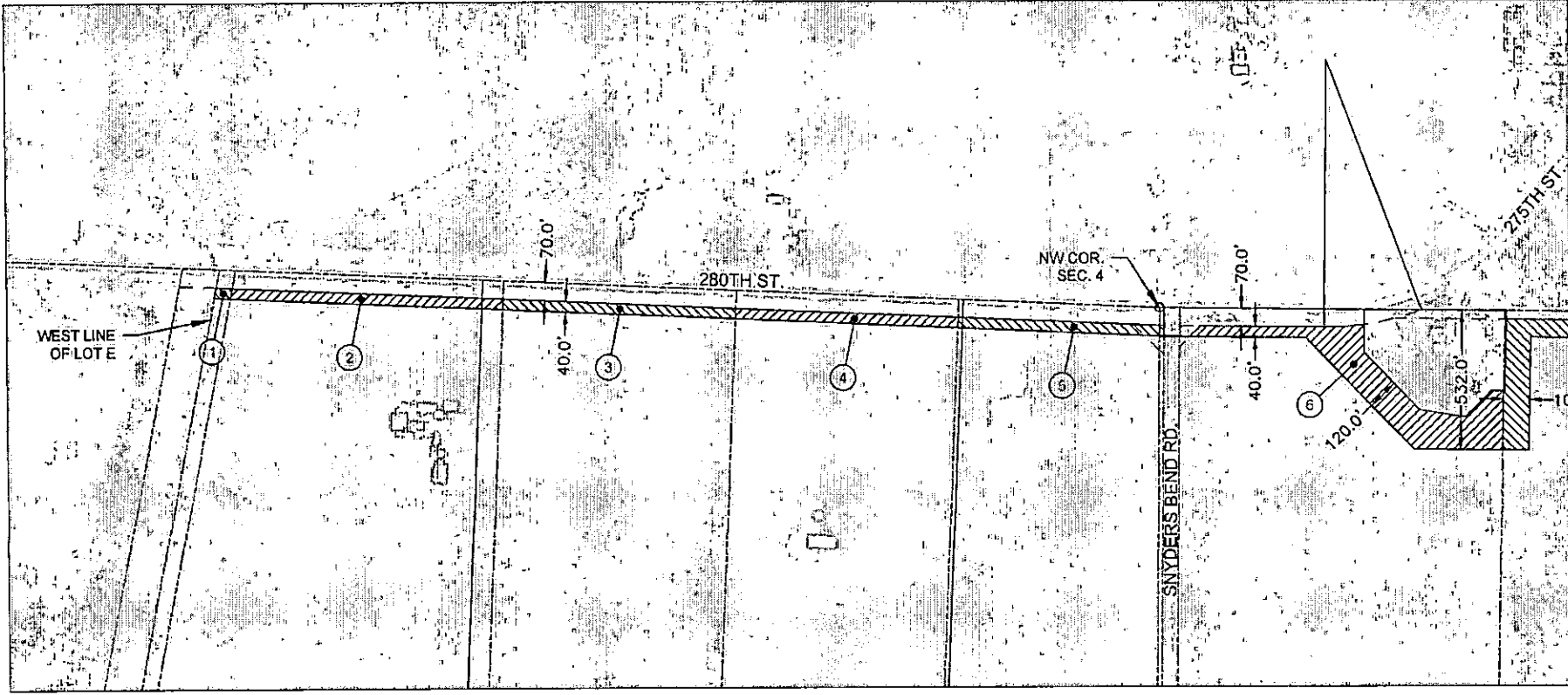
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

203 Sergeant Square Drive, Suite B - Sergeant Bluff, Iowa 51054-0220  
 712-943-5055 - 712-943-5088 (FAX) - 817-241-8009 (WATS)

| NOTES: |  |
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| SCALE AS NOTED  | DWG. NO.     |
|-----------------|--------------|
| DRAWN BY CAP    | <b>EX.01</b> |
| CHECKED PEM     |              |
| APPROVED PEM    |              |
| DATE 10/12/2023 |              |
| ISSUED FOR      |              |
| PROJECT # 15128 |              |

SALIX DRAINAGE DISTRICT CREATION - PROPOSED DRAINAGE DISTRICT EASEMENTS

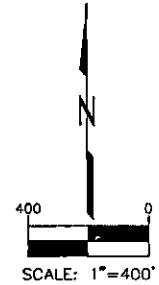


LEGEND

| PARCEL NO. | OWNER                              | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|------------------------------------|--------------------|---------------------------------|----------------------------|
| ①          | IOWA STATE CONSERVATION COMMISSION | 0.10               | 0.06                            | 0.16                       |
| ②          | WAGNER, PAULA                      | 1.66               | 0.96                            | 2.62                       |
| ③          | MIDAMERICAN ENERGY CO.             | 1.43               | 0.82                            | 2.25                       |
| ④          | WAGNER, PAUL & CARMEN              | 1.36               | 0.78                            | 2.14                       |
| ⑤          | WAGNER FARM ENTERPRISES LLC        | 1.26               | 0.72                            | 1.98                       |
| ⑥          | JORGENSEN, LANE & LUCINDA          | 1.19               | 3.20                            | 4.39                       |



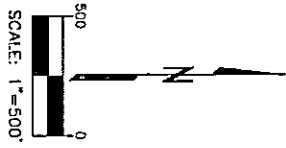
MAIN DITCH



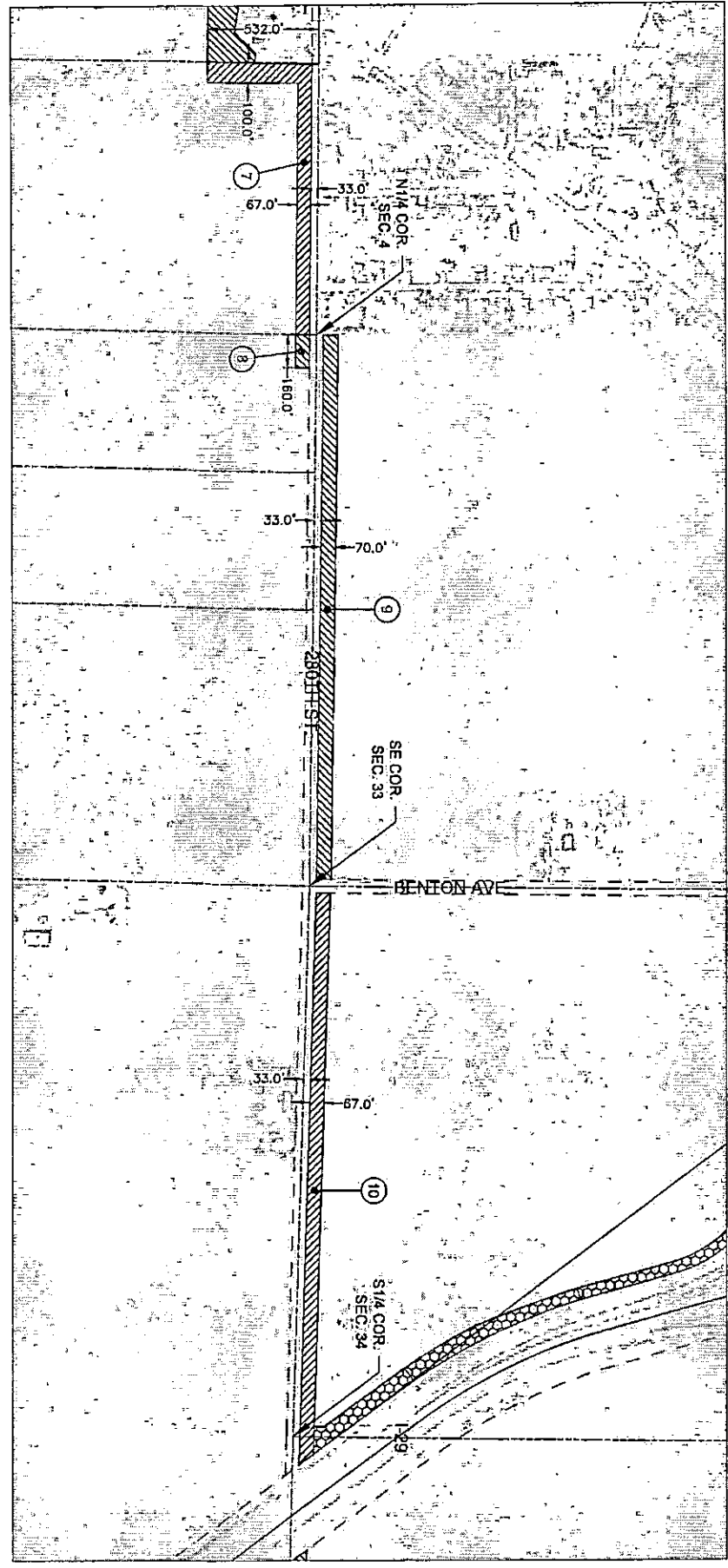
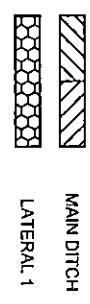
|   |           |                   |        |                  |       |
|---|-----------|-------------------|--------|------------------|-------|
| <b>DATE</b>   | 11/1/2023 | <b>DWG. NO.</b>   | 1 OF 6 | <b>PROJECT #</b> | 16126 |
| <b>DESIGNED BY</b>  |           | <b>CHECKED BY</b> |        | <b>DATE</b>      |       |
| <b>APPROVED BY</b>  |           | <b>DATE</b>       |        | <b>REVISIONS</b> |       |
| <p><b>EASEMENTS</b><br/> <b>MAIN DITCH</b><br/> <b>SALIX DRAINAGE DISTRICT</b><br/> <b>WOODBURY COUNTY, IOWA</b></p> <p style="font-size: small;">200 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220<br/>                 712-943-5031 • 712-943-2886/100 • 87-241-8006/1028</p> |           |                   |        |                  |       |
|   |           |                   |        |                  |       |

PLotted: Tuesday, September 21, 2022 10:28:10 AM

\\s010110008\salix\drainage\DISTRICT\_CREATIONS\DRV\VEENSTRA\VEENSTRA



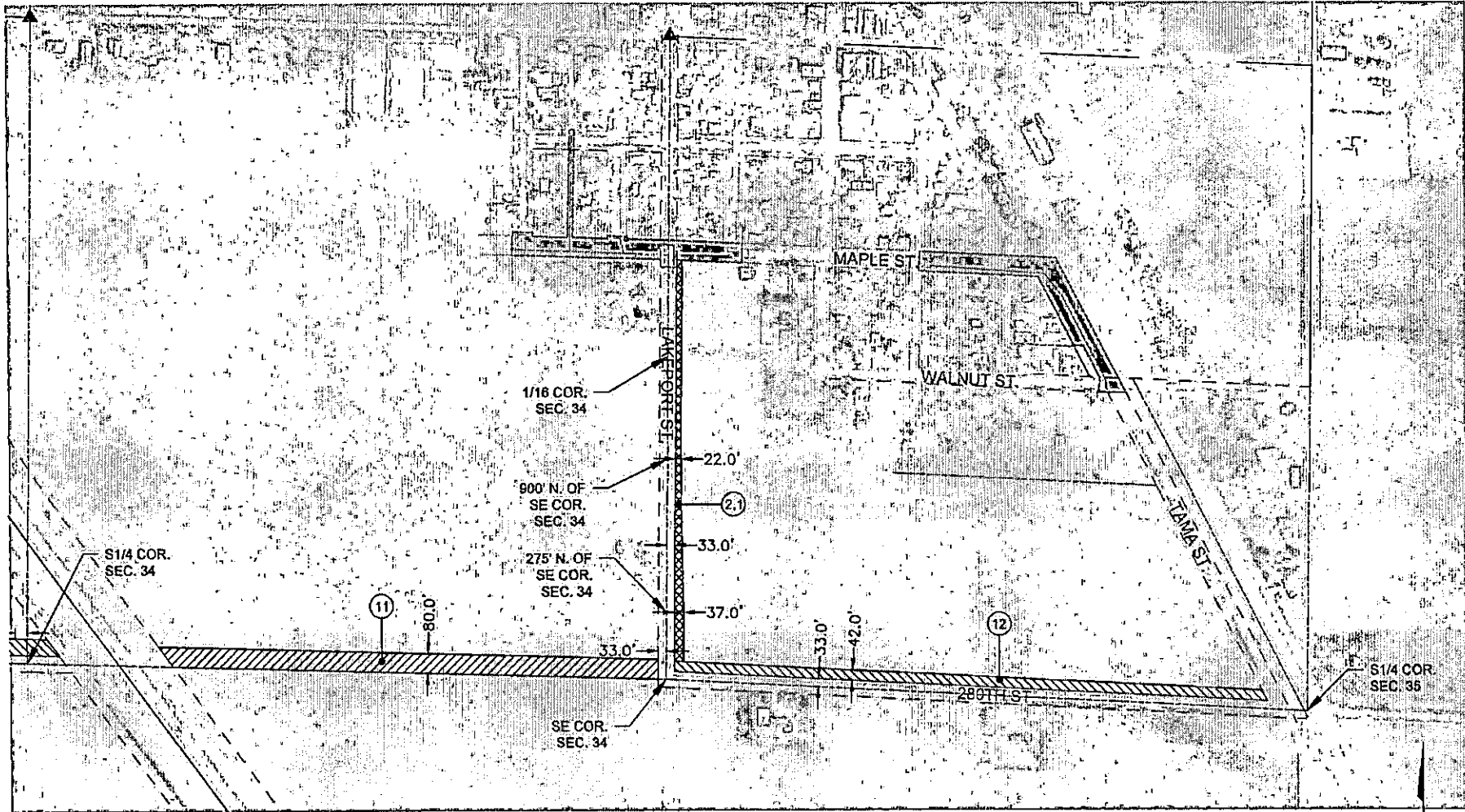
| PARCEL NO. | OWNER                                    | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|--|--------------------|---------------------------------|----------------------------|
| 7          | JORGENSEN, LANE & LUCINDA                | 0.99               | 2.98                            | 3.97                       |
| 8          | JORGENSEN, LEONARD & PATRICIA TRUST ETAL | 0.12               | 0.25                            | 0.37                       |
| 9          | SIMPSON, BRAD & RHONDA ETAL              | 2.05               | 4.19                            | 6.24                       |
| 10         | GALLAND, RICHARD TRUST                   | 2.16               | 4.17                            | 6.33                       |



**EASEMENTS  
MAIN DITCH  
SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**




203 Sergeant Square Dr - Suite B • Sergeant Bluff, Iowa 51054-0370  
712-943-5015 • 712-943-5086 FAX • 877-241-8009 (NATL)

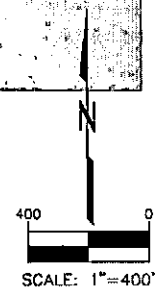
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| DRAWN       | CWB       | 2 OF 6   |
| CHECKED     | PEM       |          |
| APPROVED    | CWB       |          |
| DATE        | 8/11/2023 |          |
| DESIGNED BY |           |          |
| PROJECT #   |           | 15126    |



**LEGEND**

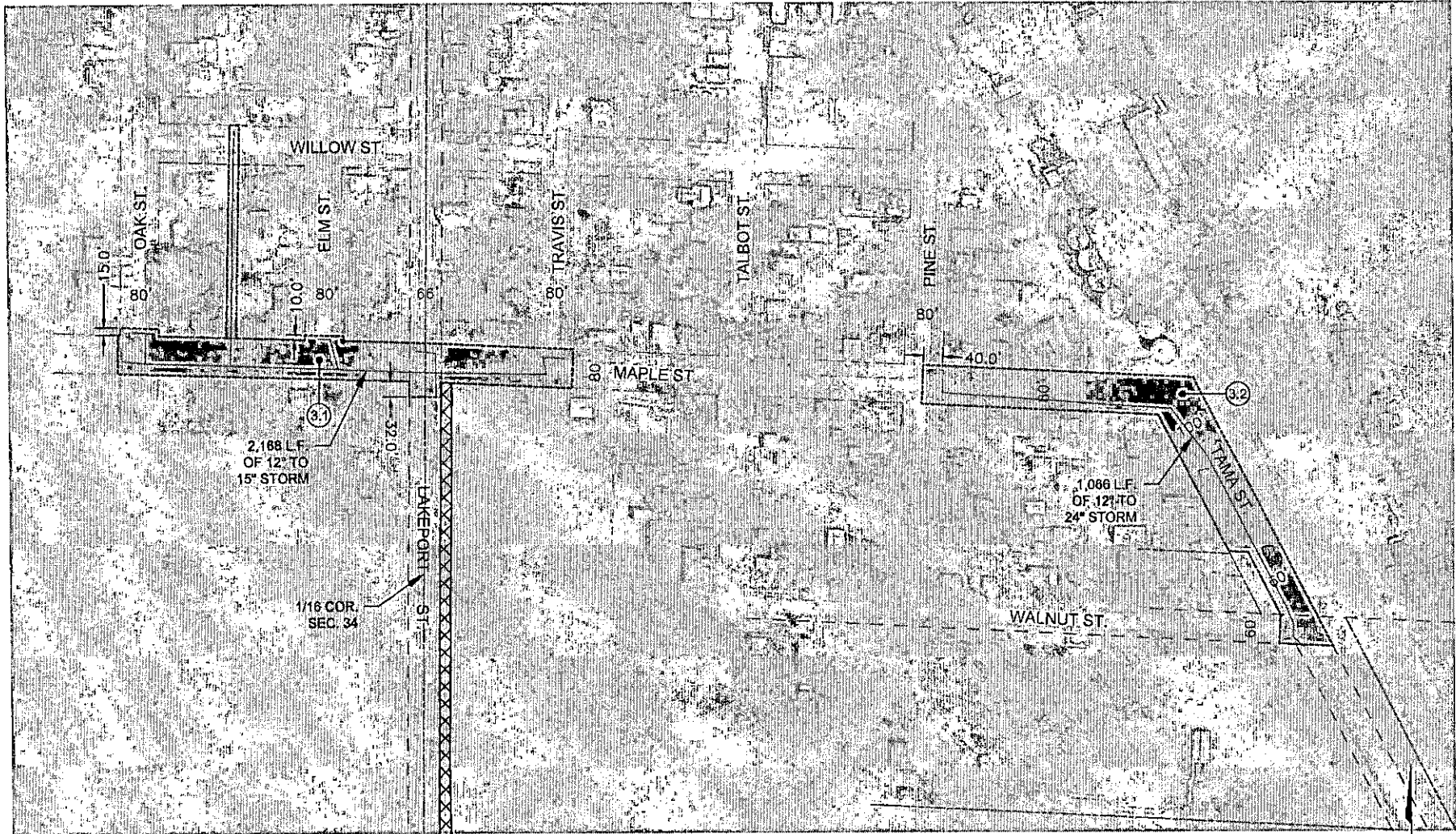
| PARCEL NO. | OWNER                    | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|--------------------------|--------------------|---------------------------------|----------------------------|
| 11         | JOCHUM, LEO & BEVERLY    | 0.06               | 3.71                            | 3.77                       |
| 12         | JOCHUM, GREGORY & KRISTA | 1.90               | 2.33                            | 4.23                       |
| 2.1        | JOCHUM, GREGORY & KRISTA | 1.22               | 1.01                            | 2.23                       |

-  MAIN DITCH
-  LATERAL 2
-  LATERAL 3



|  |   |   |
|--|---|---|
| SCALE<br>1" = 400'<br>CHECKED<br>DATE<br>DRAWN<br>DATE | DWG. NO.<br><b>3 OF 6</b><br>PROJECT #<br>16126 | EASEMENTS<br><b>MAIN DITCH &amp; LATERAL NO. 2</b><br><b>SALUX DRAINAGE DISTRICT</b><br><b>WOODBURY COUNTY, IOWA</b><br><small>203 Sergeant Square Dr. - Suite 8 • Sergeant Bluff, Iowa 51054-0200<br/>         712-943-5055 • 712-943-3886/FAX • 872-2114 (HARRIS)</small> |
|--|---|---|





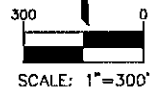
**LEGEND**

| PARCEL NO. | OWNER         |
|------------|---------------|
| 3.1        | CITY OF SALIX |
| 3.2        | CITY OF SALIX |

| EXISTING ROW ACRES | ADDITIONAL DRAINAGE ACRES | TOTAL DRAINAGE ACRES |
|--------------------|---------------------------|----------------------|
| 2.02               | 0.00                      | 2.02                 |
| 2.14               | 0.00                      | 2.14                 |



LATERAL 2  
LATERAL 3



|   |                           |                  |                 |  |  |
|---|---------------------------|------------------|-----------------|--|--|
| <b>EASEMENTS<br/>LATERALS NO. 3<br/>SALIX DRAINAGE DISTRICT<br/>WOODBURY COUNTY, IOWA</b> |                           |                  | PROJECT # 15126 |  |  |
| 711-943-3055  | 711-943-3055              | 711-943-5086/FAX | 87-241-4000/WWW |  |  |
| 303 Sawdust Street Dr., Suite 400   | Woodbury, Iowa 50064-0020 |                  |                 |  |  |
| REVISED DATE: 08/14/15  |                           |                  |                 |  |  |
| DRAWN BY: JMK   |                           |                  |                 |  |  |
| CHECKED BY: JMK   |                           |                  |                 |  |  |
| DATE: 01/10/2015  |                           |                  |                 |  |  |
| SCALE: 1" = 300'  |                           |                  |                 |  |  |
|   |                           |                  | <b>4 OF 6</b>   |  |  |
|   |                           |                  | <b>DWG. NO.</b> |  |  |

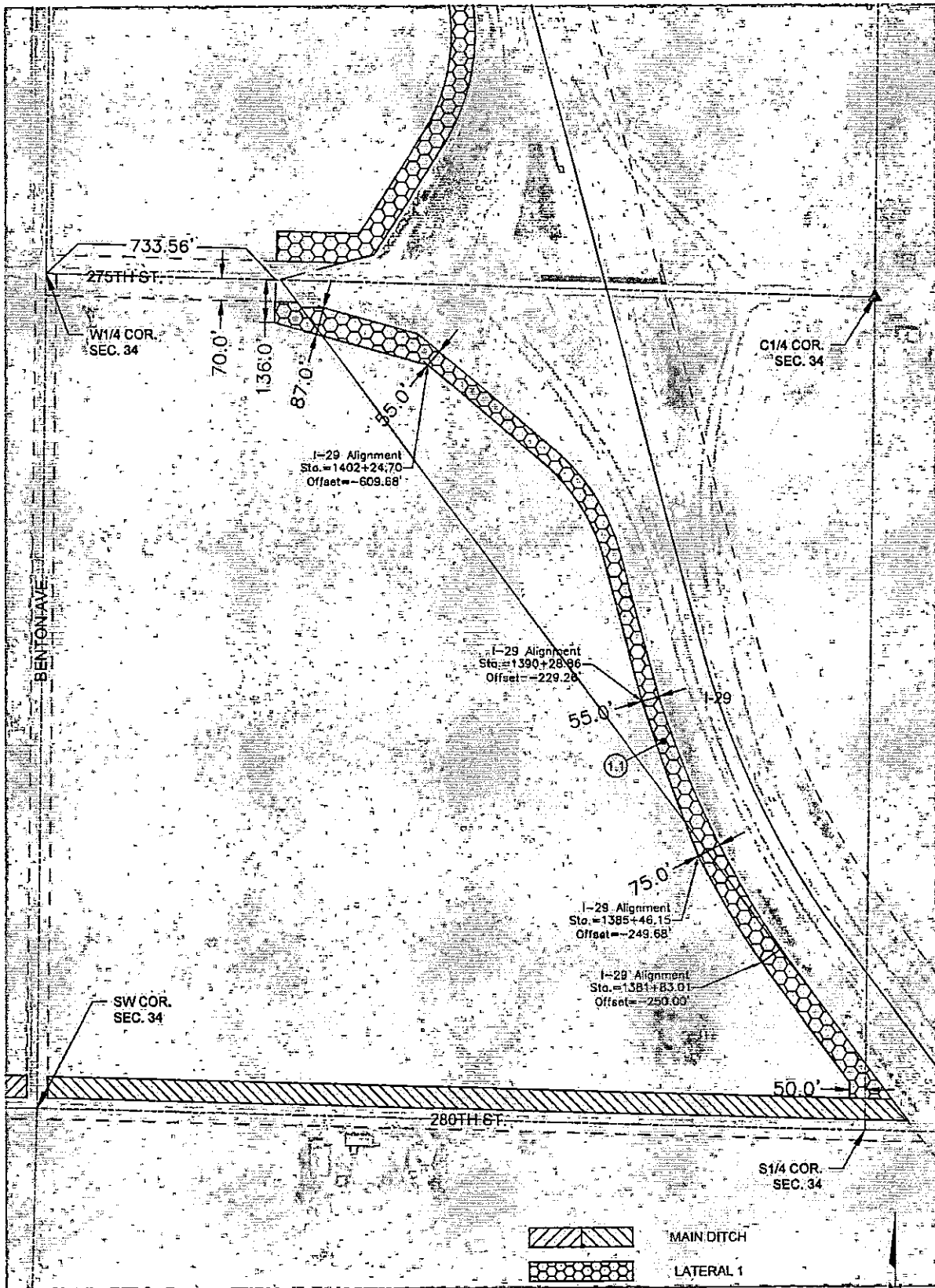


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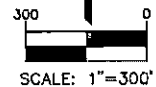
PLATTED Tuesday, September 12, 2012 3:34 PM

SOURCE: WOODBURY DRAINAGE DISTRICT CREATING DRAINAGE DISTRICTS



**LEGEND**

| PARCEL NO. | OWNER                  | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|------------------------|--------------------|---------------------------------|----------------------------|
| (1.1)      | GALLAND, RICHARD TRUST | 0.76               | 5.06                            | 5.82                       |



**EASEMENTS  
LATERAL NO. 1  
SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
712-943-5555 • 712-943-5555/FAX • 817-341-0020/VA157

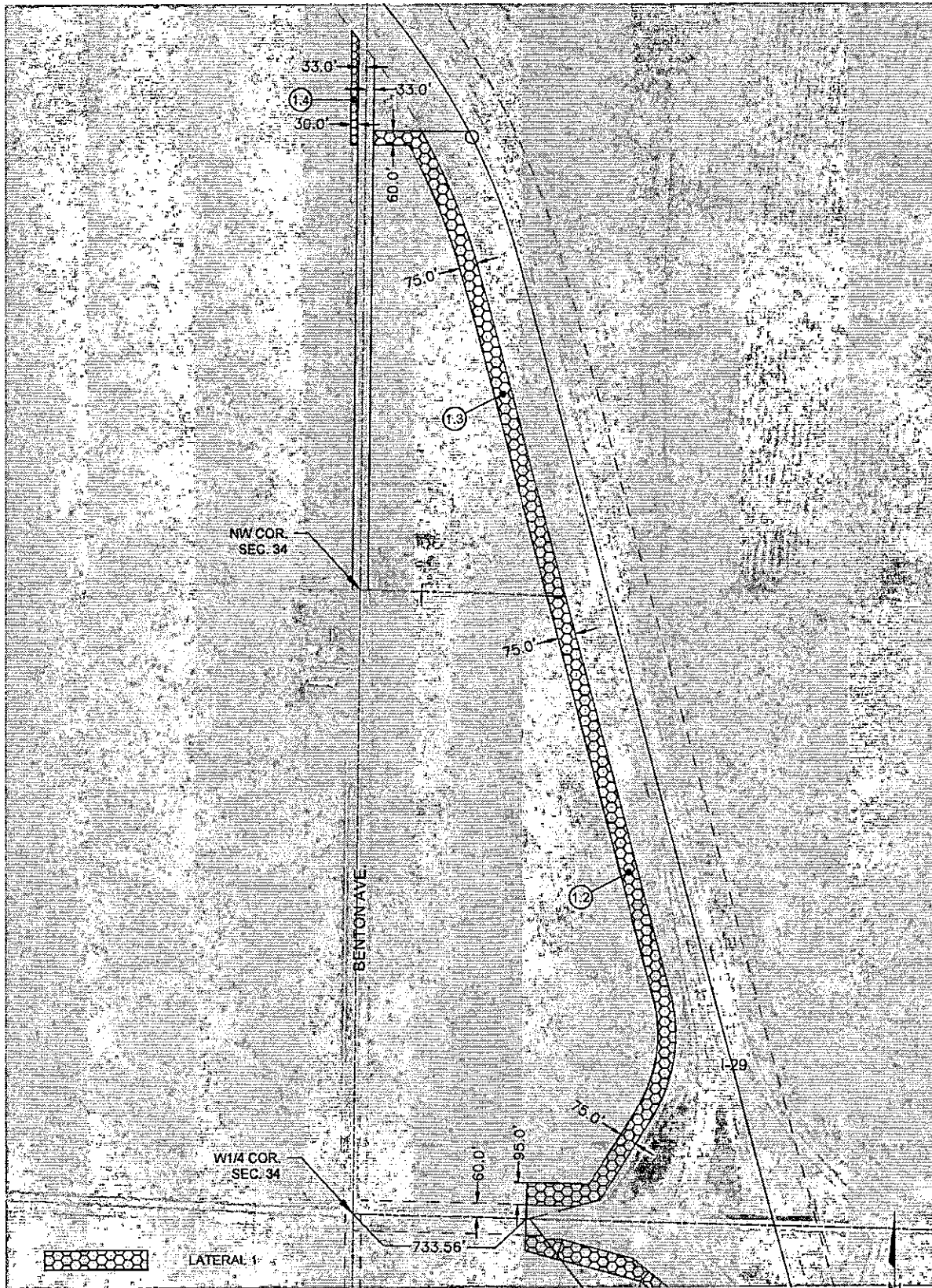
**NOTES**

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|-----------|-----------|----------|
| SCALE     | 1" = 300' | DWG. NO. |
| DRAWN     | CWB       | 5 OF 6   |
| CHECKED   | PEM       |          |
| APPROVED  | CWB       |          |
| DATE      | 8/11/2012 |          |
| PROJECT # | 15126     |          |

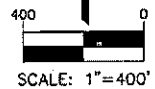
PLOTTED: Tuesday, September 12, 2012 3:31:19 PM

\\S:\GIS\PROJECTS\WOODBURY COUNTY\11-0008 SALIX DRAINAGE DISTRICT CREATION\DWG\VEE\VEEASEMENTS



**LEGEND**

| PARCEL NO. | OWNER              | EXISTING ROW ACRES | ADDITIONAL DRAINAGE DITCH ACRES | TOTAL DRAINAGE DITCH ACRES |
|------------|--------------------|--------------------|---------------------------------|----------------------------|
| 1.2        | PATTERSON, RICHARD | 0.58               | 5.19                            | 5.77                       |
| 1.3        | PATTERSON, RICHARD | 0.29               | 3.74                            | 4.03                       |
| 1.4        | PATTERSON, RICHARD | 0.32               | 0.32                            | 0.64                       |



**EASEMENTS  
LATERAL NO. 1  
SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

203 Sergeant Square Dr - Suite B • Sergeant Bluff, Iowa 51054-0270  
712-943-6225 • 712-943-6226/FAX • 877-241-8000/WA10

NOTES:

| SCALE        | 1" = 400' | DWG. NO.        |
|--------------|-----------|-----------------|
| DRAWN        | CWB       | 6 OF 6          |
| CHECKED      | PEM       |                 |
| APPROVED     | CWB       |                 |
| DATE         | 8/11/2012 |                 |
| DESIGNED FOR |           | PROJECT # 15128 |

# PRELIMINARY PLANS FOR SALIX DRAINAGE DISTRICT CREATION WOODBURY COUNTY, IOWA

SCALE: As Noted

The Iowa Department of Transportation Standard Specifications for Highway and Bridge Construction Series 2015, Plus General Supplemental Specifications; and applicable Supplemental Specifications, Developmental Specifications, and Special Provisions shall apply to construction on this project.



VICINITY MAP  
NOT TO SCALE

| INDEX OF SHEETS |                            |
|-----------------|----------------------------|
| NO.             | DRAWING TITLE              |
| A.01            | TITLE SHEET                |
| D.01            | OVERALL GRADING PLAN       |
| D.02            | MAN DITCH - PLAN & PROFILE |
| D.03            | MAN DITCH - PLAN & PROFILE |
| D.04            | MAN DITCH - PLAN & PROFILE |
| D.05            | MAN DITCH - PLAN & PROFILE |
| D.06            | MAN DITCH - PLAN & PROFILE |
| D.07            | MAN DITCH - PLAN & PROFILE |
| D.08            | MAN DITCH - PLAN & PROFILE |
| D.09            | MAN DITCH - PLAN & PROFILE |
| D.10            | MAN DITCH - PLAN & PROFILE |
| D.11            | MAN DITCH - PLAN & PROFILE |
| D.12            | MAN DITCH - PLAN & PROFILE |
| D.13            | MAN DITCH - PLAN & PROFILE |
| D.14            | MAN DITCH - PLAN & PROFILE |
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| D.16            | MAN DITCH - PLAN & PROFILE |
| D.17            | MAN DITCH - PLAN & PROFILE |
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| D.19            | MAN DITCH - PLAN & PROFILE |
| D.20            | MAN DITCH - PLAN & PROFILE |
| D.21            | MAN DITCH - PLAN & PROFILE |
| D.22            | MAN DITCH - PLAN & PROFILE |
| D.23            | MAN DITCH - PLAN & PROFILE |
| D.24            | MAN DITCH - PLAN & PROFILE |
| D.30            | LATERAL 1 - PLAN & PROFILE |
| D.31            | LATERAL 1 - PLAN & PROFILE |
| D.32            | LATERAL 1 - PLAN & PROFILE |
| D.33            | LATERAL 1 - PLAN & PROFILE |
| D.34            | LATERAL 1 - PLAN & PROFILE |
| D.34            | LATERAL 1 - PLAN & PROFILE |
| D.35            | LATERAL 1 - PLAN & PROFILE |
| D.36            | LATERAL 1 - PLAN & PROFILE |
| D.37            | LATERAL 1 - PLAN & PROFILE |
| D.38            | LATERAL 1 - PLAN & PROFILE |
| D.39            | LATERAL 1 - PLAN & PROFILE |
| D.40            | LATERAL 1 - PLAN & PROFILE |
| D.50            | LATERAL 2 - PLAN & PROFILE |
| D.51            | LATERAL 2 - PLAN & PROFILE |
| W.01            | MAN DITCH CROSS SECTIONS   |
| W.02            | MAN DITCH CROSS SECTIONS   |
| W.03            | MAN DITCH CROSS SECTIONS   |
| W.04            | MAN DITCH CROSS SECTIONS   |
| W.05            | MAN DITCH CROSS SECTIONS   |
| W.06            | MAN DITCH CROSS SECTIONS   |
| W.07            | MAN DITCH CROSS SECTIONS   |
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| W.13            | MAN DITCH CROSS SECTIONS   |
| W.14            | MAN DITCH CROSS SECTIONS   |
| W.15            | MAN DITCH CROSS SECTIONS   |
| W.16            | MAN DITCH CROSS SECTIONS   |
| W.20            | LATERAL 1 CROSS SECTIONS   |
| W.21            | LATERAL 1 CROSS SECTIONS   |
| W.22            | LATERAL 1 CROSS SECTIONS   |
| W.23            | LATERAL 1 CROSS SECTIONS   |
| W.24            | LATERAL 1 CROSS SECTIONS   |
| W.30            | LATERAL 2 CROSS SECTIONS   |
| W.31            | LATERAL 2 CROSS SECTIONS   |

PLOTTED: Wednesday, September 15, 2021 10:47 PM

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| DATE | REVISIONS | SCALE       | AS NOTED   |
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|      |           | CHECK       | MD         |
|      |           | APPROVED    | MD         |
|      |           | DATE        | 09-15-2021 |
|      |           | DESIGNED BY | MD         |
|      |           | REPORT      |            |



SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA

203 Sargeant Square Dr. - Suite B • Sargeant Bluff, Iowa 51054-0220  
712-643-5055 • 712-643-5080/FAX • 817-241-8008(WhatsApp)

TITLE SHEET

DWG. NO.

A.01

PROJECT 16128

PLOTTED Wednesday, September 15, 2011 4:28:51 AM

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| SCALE        | AS NOTED   |
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| DATE         | 09-14-2011 |
| DESIGNED FOR | REPORT     |



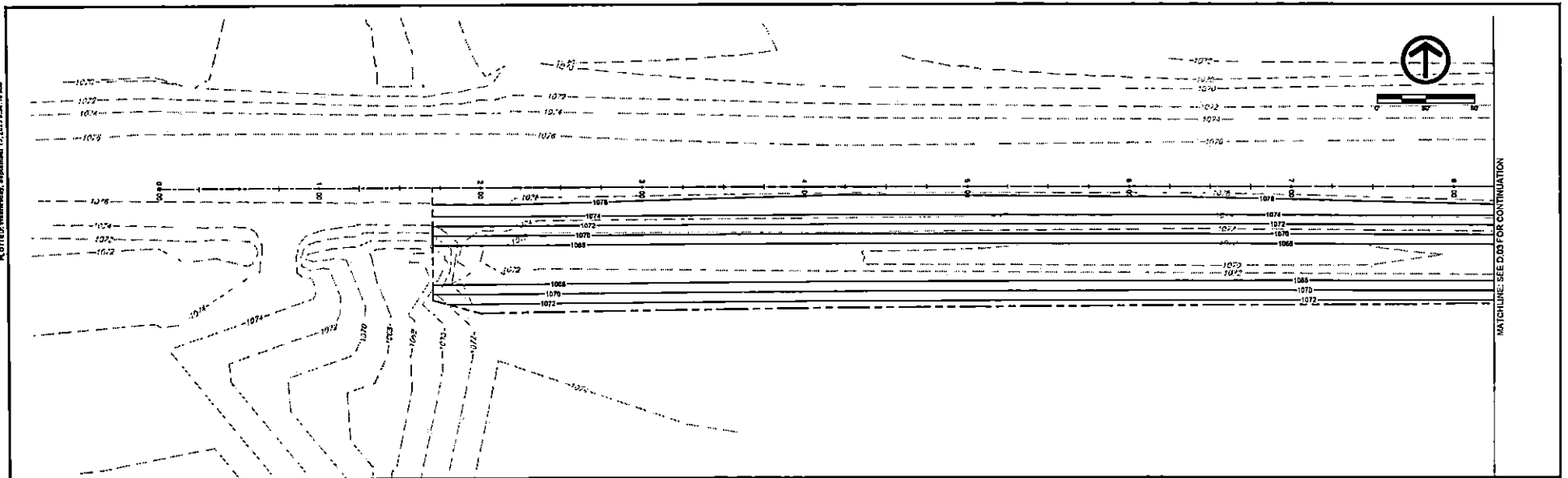
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 283 Sergeant Square Dr., Suite B • Sergeant Bluff, Iowa 51554-0220  
 712-943-5055 • 712-943-5026(FAX) • 877-241-4063(ATAIS)

**OVERALL GRADING PLAN**

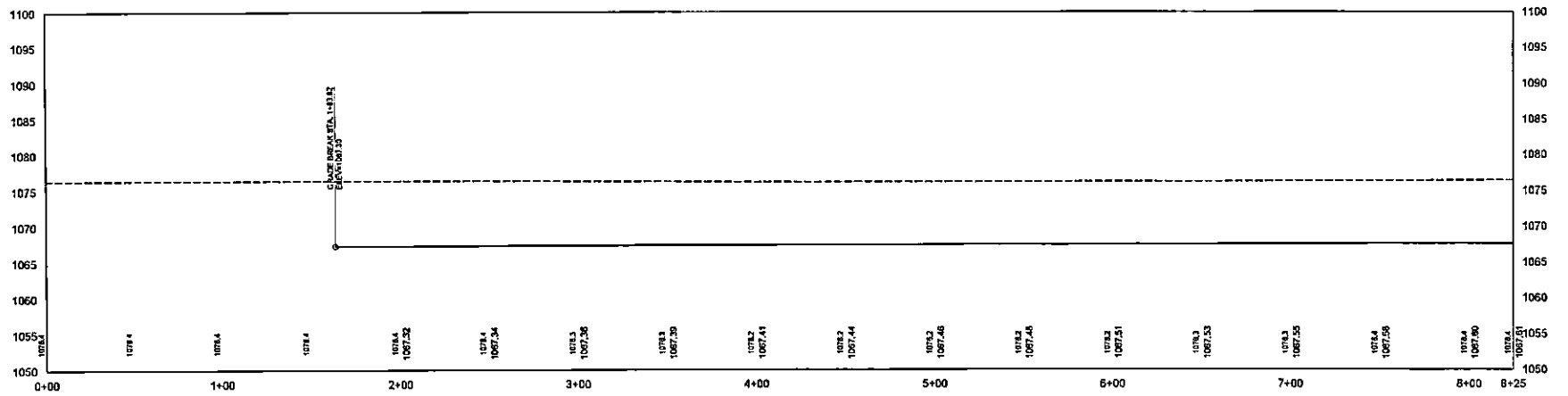
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MATCHLINE SEE D.D2 FOR CONTINUATION



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| DESIGNED FOR | REPORT     |



SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA

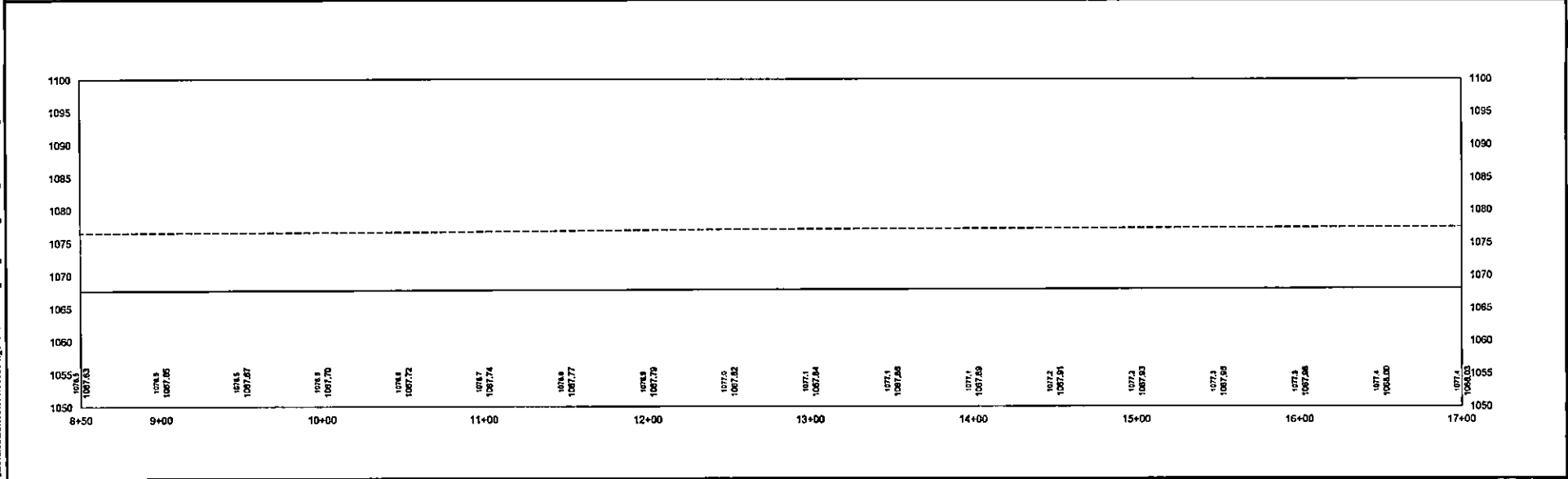
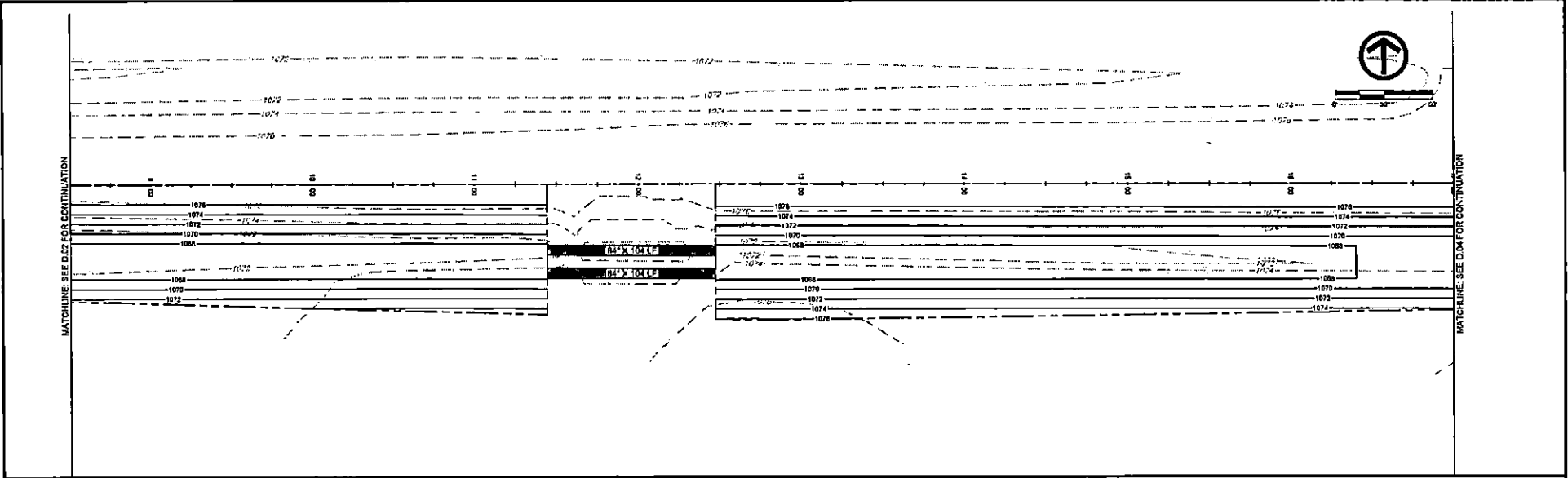
203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-6220  
712-843-5055 • 712-843-5056 (FAX) • 877-241-5009 (1-877)

MAIN DITCH - PLAN & PROFILE

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| DWG. NO. | D.02  |
| PROJECT  | 15102 |

PLOTTED: Wednesday, September 11, 2025 8:32 AM

PROJECT: DRAINAGE DISTRICT SALIX DRAINAGE DISTRICT, CREATING CAD, RECORDING STATUS IN CD-11



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| APPROVED   | PER       |
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| ISSUED FOR | REPORT    |



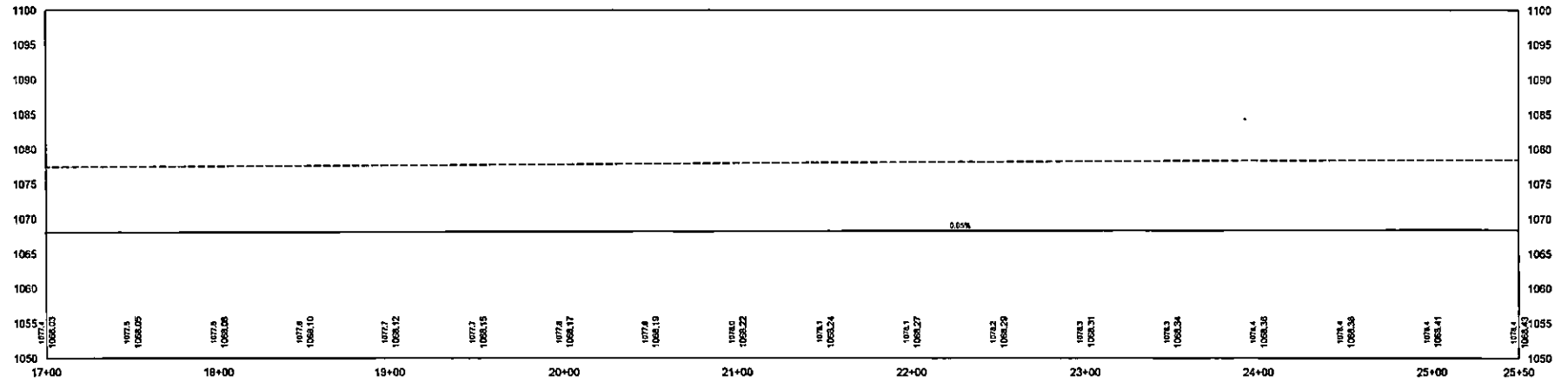
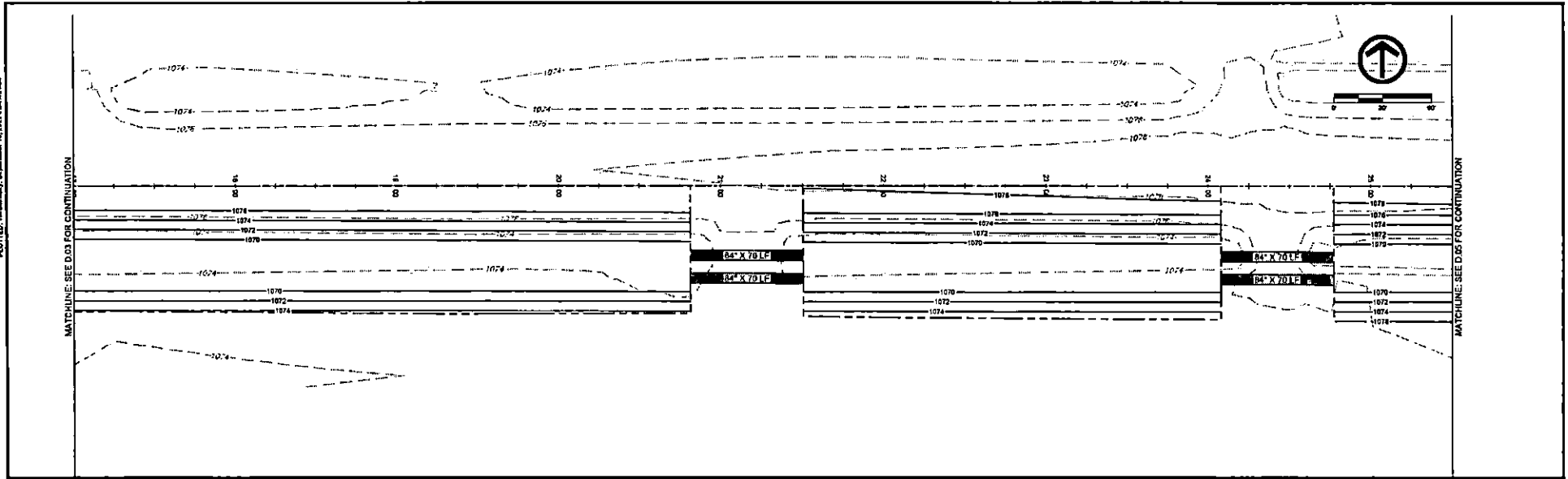
SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA

203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
712-843-5055 • 712-843-5088(FAX) • 877-241-8006(WATS)

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| PROJECT  | 18126 |
| DWG. NO. | D.03  |
| PROJECT  | 18126 |

PLOTTED: Wednesday, September 15, 2011 8:41 AM

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| DATE       | 09-13-2011 |
| ISSUED FOR | REPORT     |



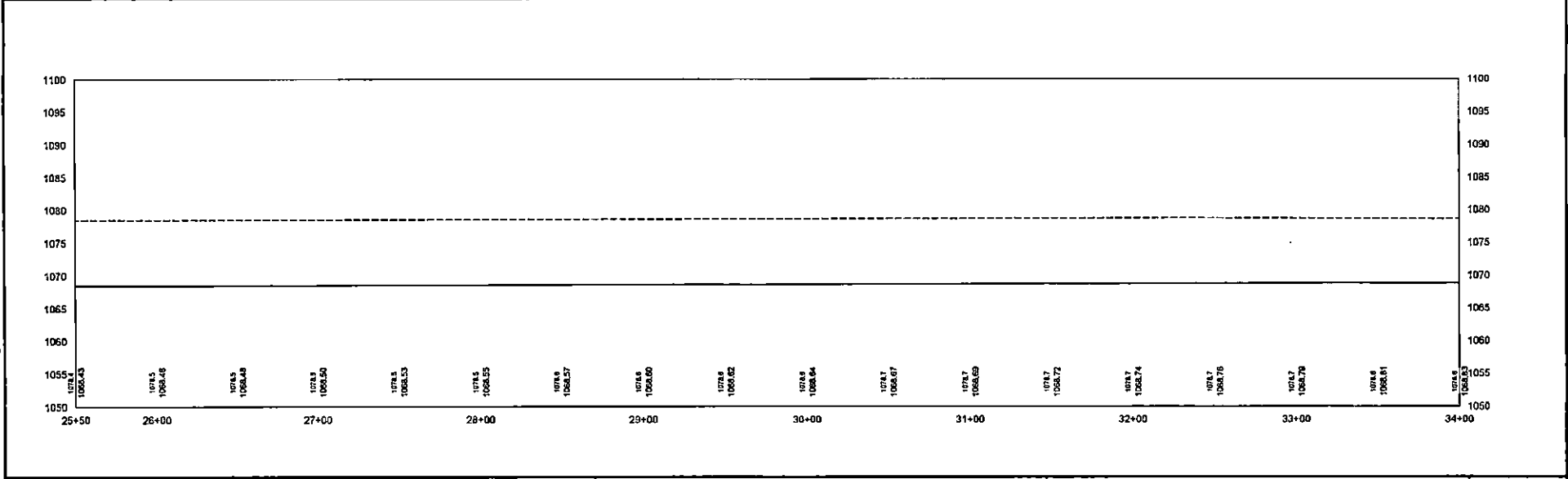
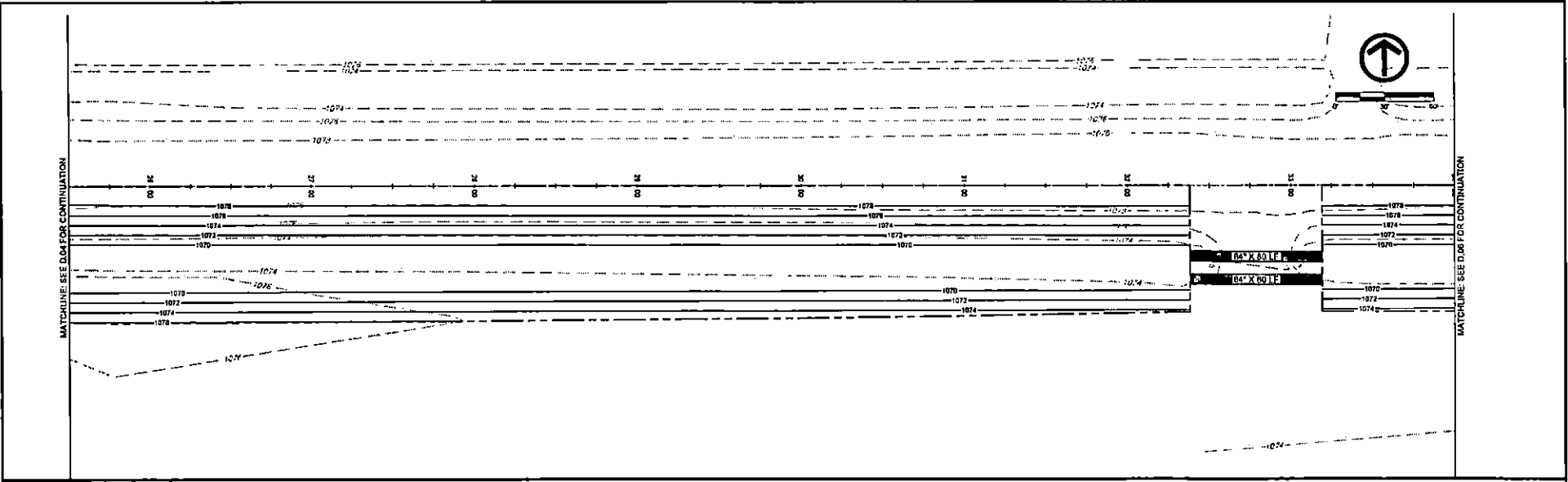
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
303 Sargent Square Dr. - Suite B • Sargent Bluff, Iowa 51054-0220  
712-643-5053 • 712-643-5086/FAX • 817-241-8000(WATS)

**MAIN DITCH - PLAN & PROFILE**

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| <small>DWG. NO.</small><br><b>D.04</b> |
| <small>PROJECT</small><br><b>18128</b> |

PLOTTED: Wednesday, September 11, 2025 8:51 AM

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| DATE       | 09-11-2025 |
| ISSUED FOR | REPORT     |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

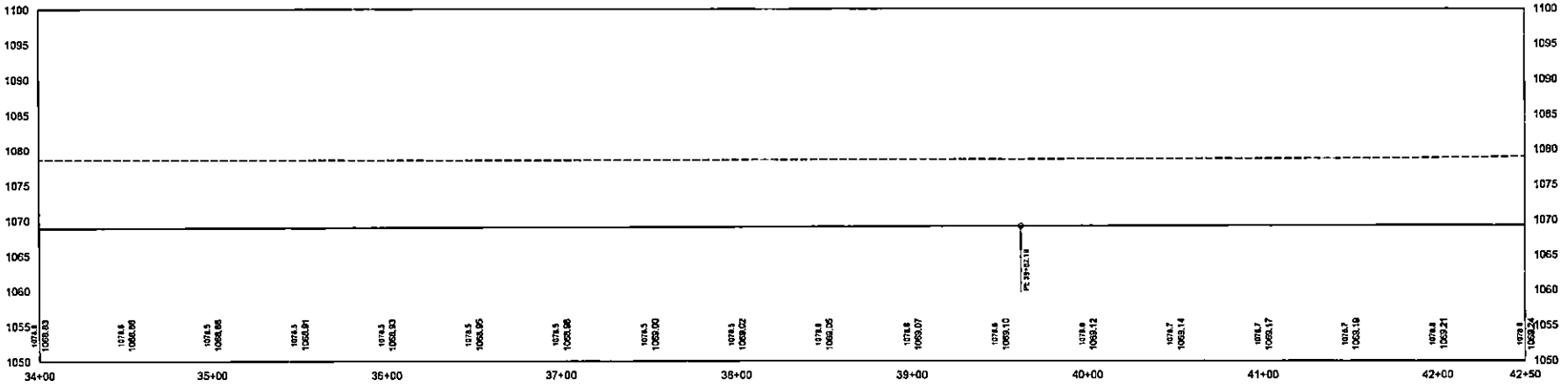
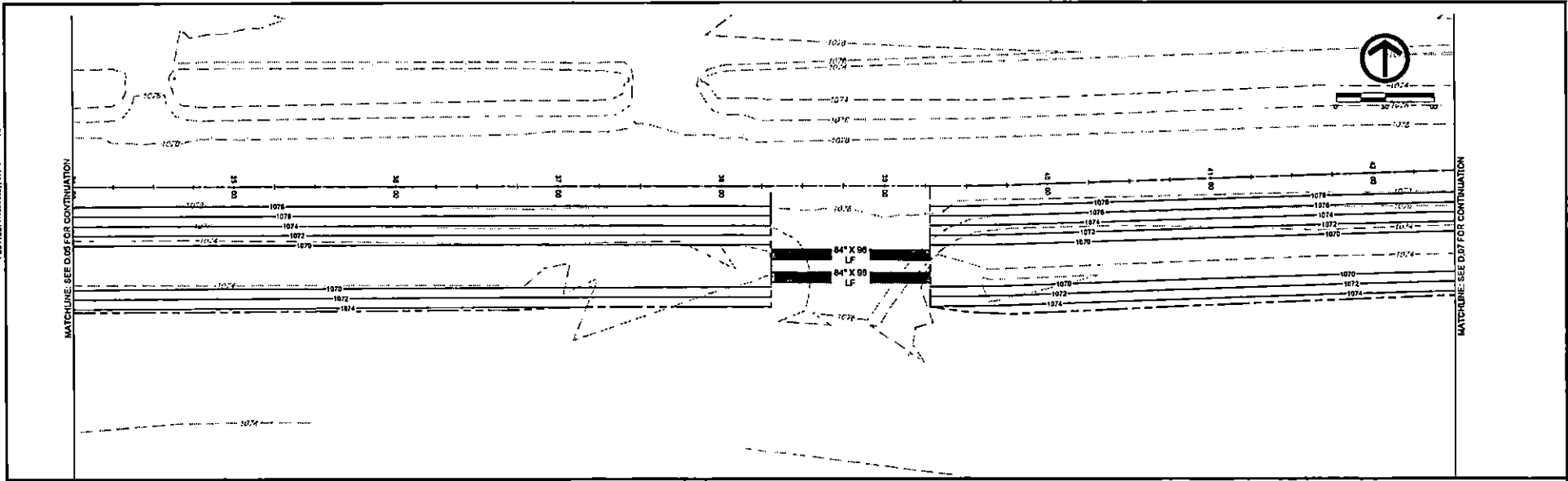
205 Sargeant Square Dr. - Suite B • Sargeant Bluff, Iowa 51054-0230  
 712-843-5255 • 712-843-5088 (FAX) • 877-241-8000 (NATIONWIDE)

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| <b>MAIN DITCH - PLAN &amp; PROFILE</b> | DWG. NO.<br><b>D.05</b> |
| PROJECT                                | 16124                   |



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| APPROVED   | PER        |
| DATE       | 09-15-2003 |
| ISSUED FOR | REPORT     |



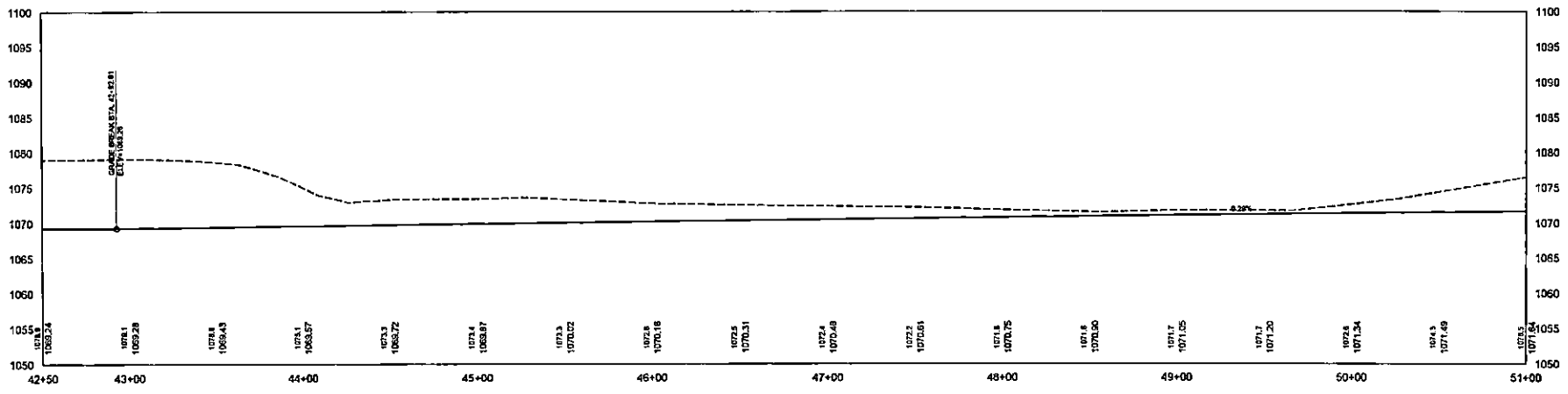
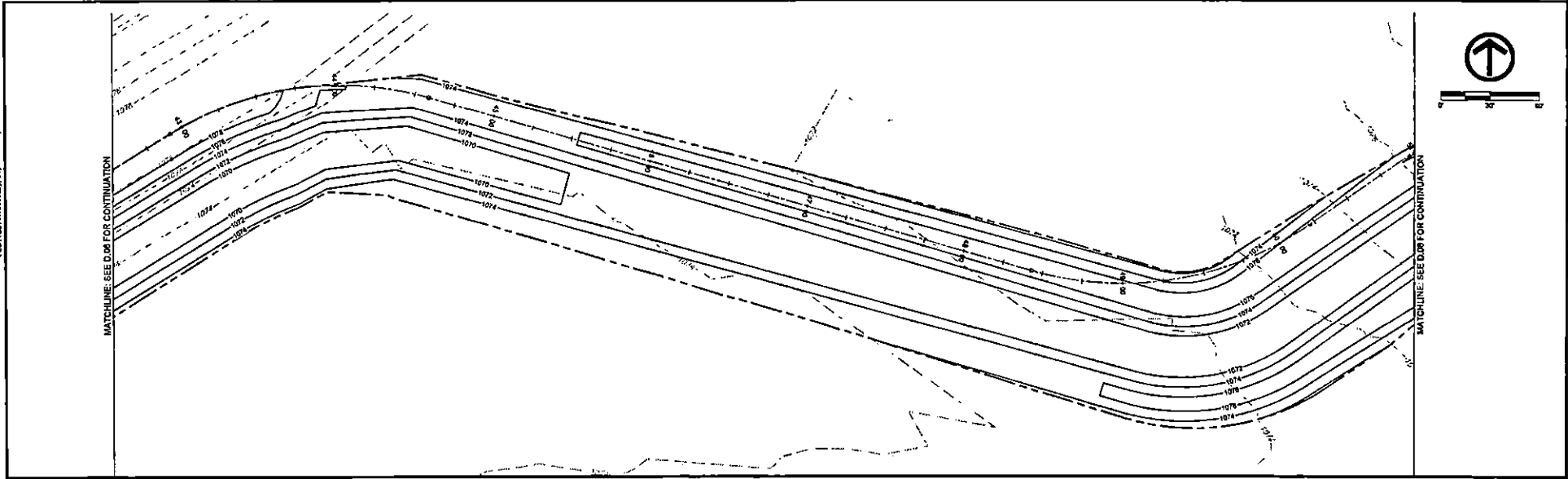
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-5055 • 712-643-5088(FAX) • 877-241-8000(WAITS)

**MAIN DITCH - PLAN & PROFILE**

|          |       |
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| DWG. NO. | D.06  |
| PROJECT  | 44128 |


PLOTTED: Wednesday, September 15, 2010 8:52 AM

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| SCALE          | AS NOTED   |
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| DESIGN         | JWD        |
| CHIEF ENGINEER | PKR        |
| APPROVED       | PKR        |
| DRAWN          | MM-10-0823 |
| ISSUED FOR     | REPORT     |

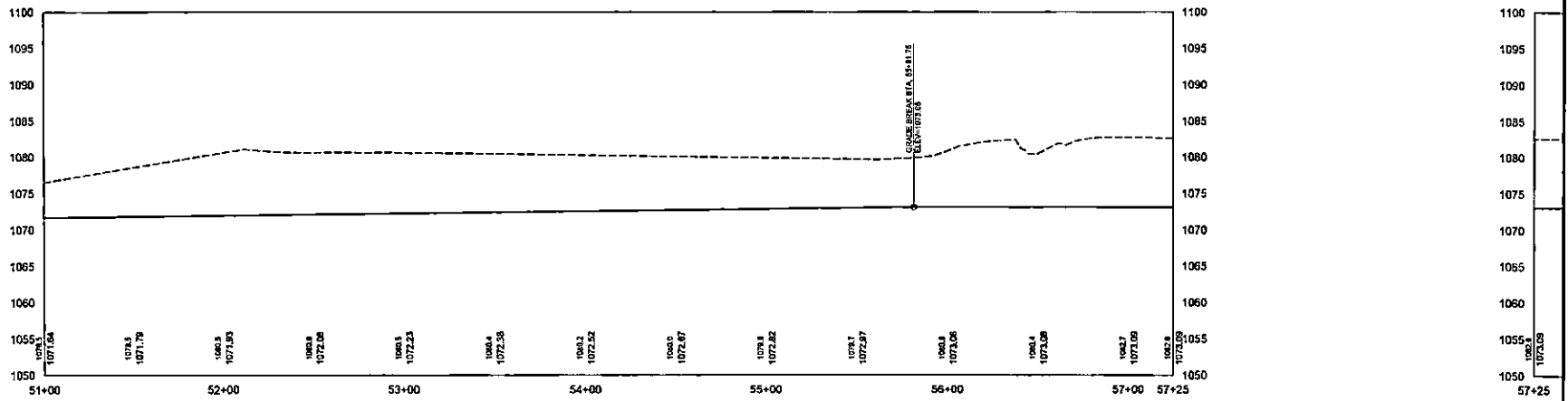
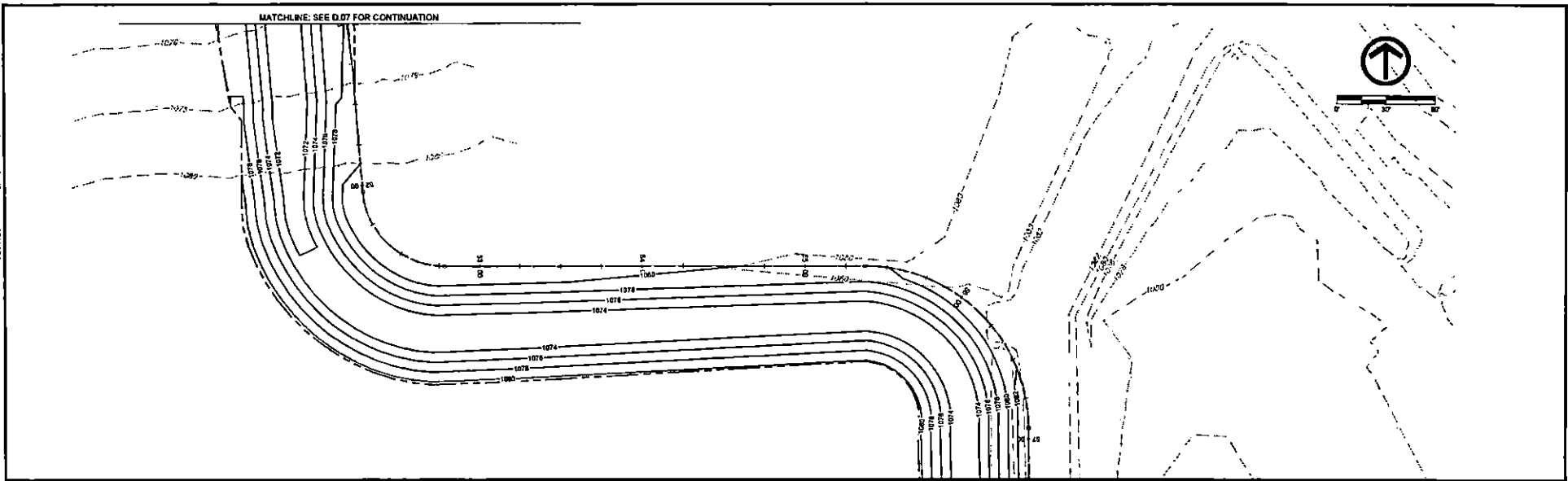


**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

203 Sargeant Square Dr., - Suite B • Sargeant Bldg, Iowa 51054-0220  
712-643-0055 • 712-643-3088(FAX) • 877-241-8009(NATS)

**MAIN DITCH - PLAN & PROFILE**

|          |       |
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| DWG. NO. | D.07  |
| PROJECT  | 18128 |



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| SCALE      | AS NOTED   |
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| DATE       | 04-13-2023 |
| ISSUED FOR | REPORT     |

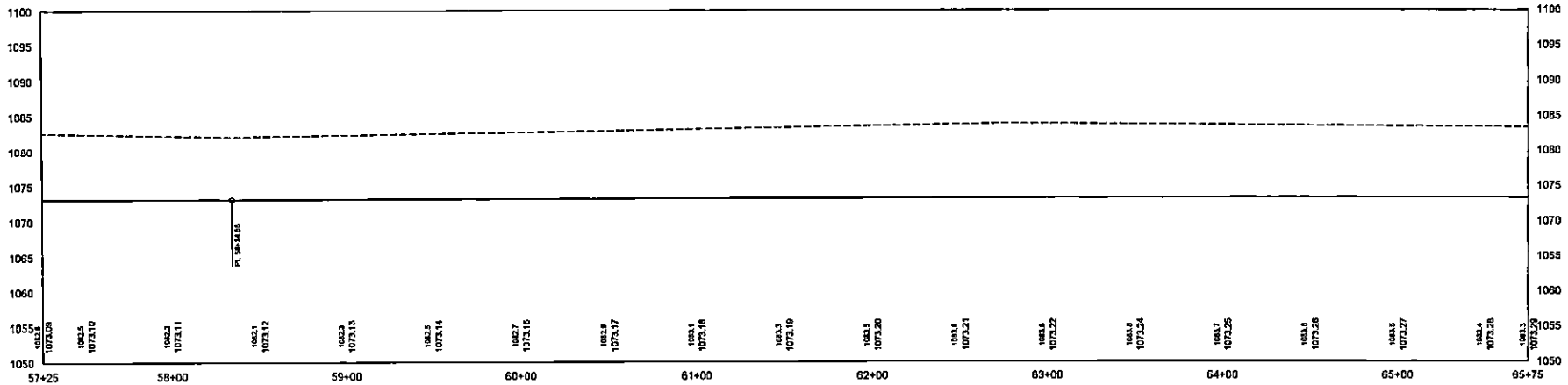
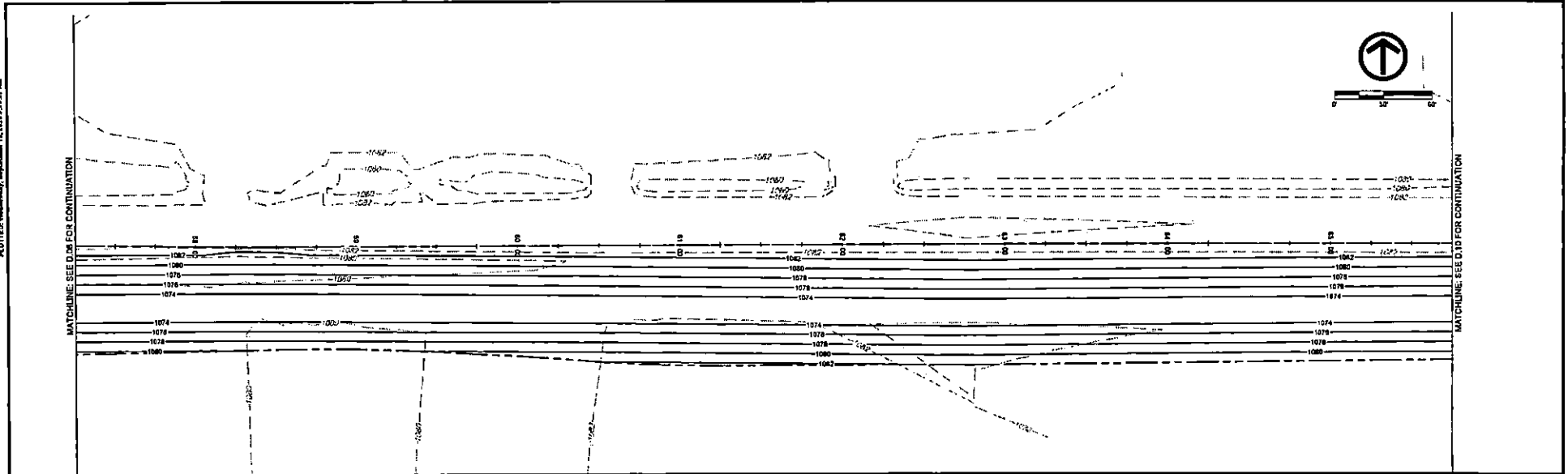


SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA

203 Sargeant Square Dr. - Suite B • Sargeant Skuff, Iowa 51054-0220  
712-643-6155 • 712-643-5088 (FAX) • 877-241-8000 (NAT'L)

MAIN DITCH - PLAN & PROFILE

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| DWG. NO. | D.08  |
| PROJECT  | 12128 |



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**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

203 Sergeant Square Dr., Suite B • Sergeant Bluff, Iowa 51054-0220  
712-843-0255 • 712-843-5055 (FAX) • 872-241-8008 (HATS)

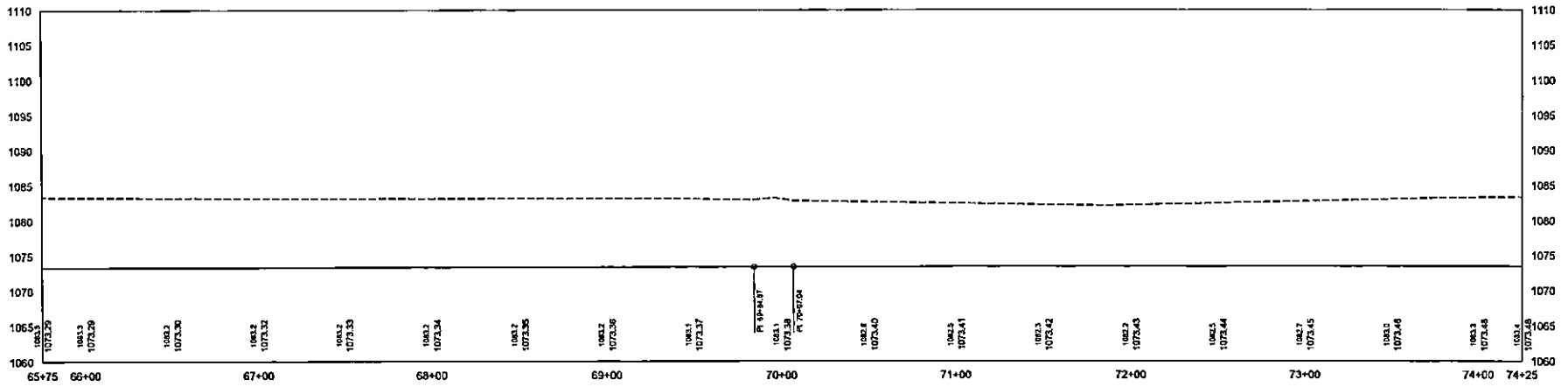
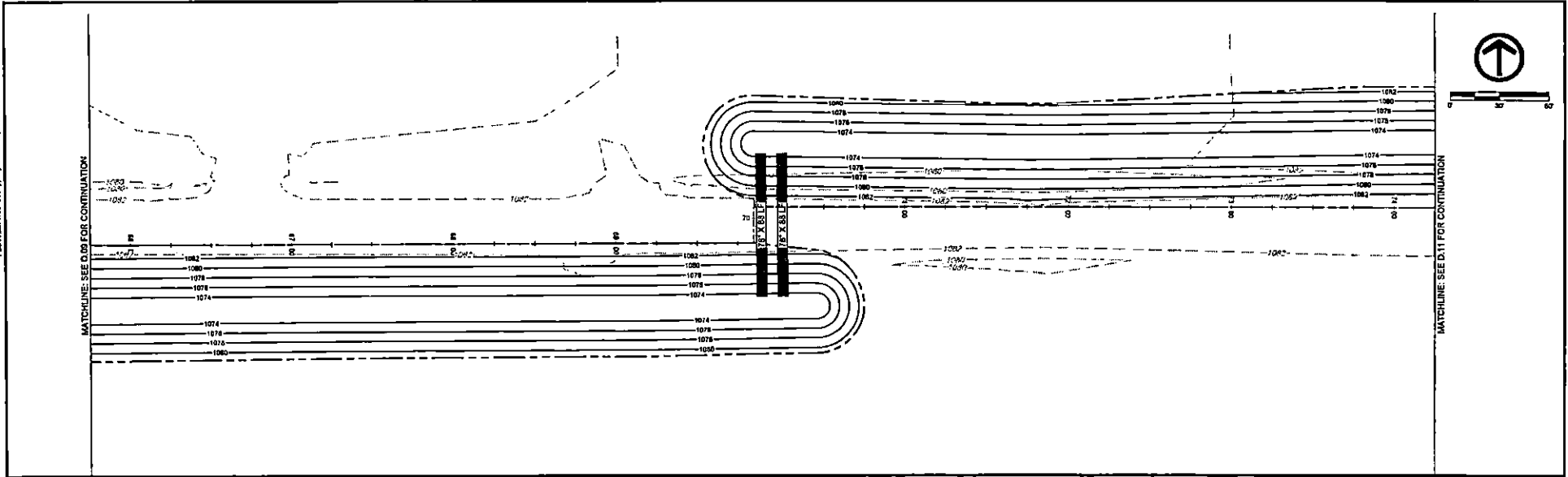
**MAIN DITCH - PLAN & PROFILE**

DWG. NO. **D.09**

PROJECT **15128**

PLOTTED: Thursday, September 11, 2008 8:57 AM

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| SCALE    | AS NOTED |
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| DESIGN   | AWG      |
| CHECKED  | PER      |
| APPROVED | PER      |
| DATE     | 09-10-08 |
| DRAWN BY | REPORT   |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-843-5053 • 712-843-5055(FAX) • 877-241-8000(MATS)

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| <b>MAIN DITCH - PLAN &amp; PROFILE</b> | DWG. NO.<br><b>D.10</b> |
|  | PROJECT<br>15128        |

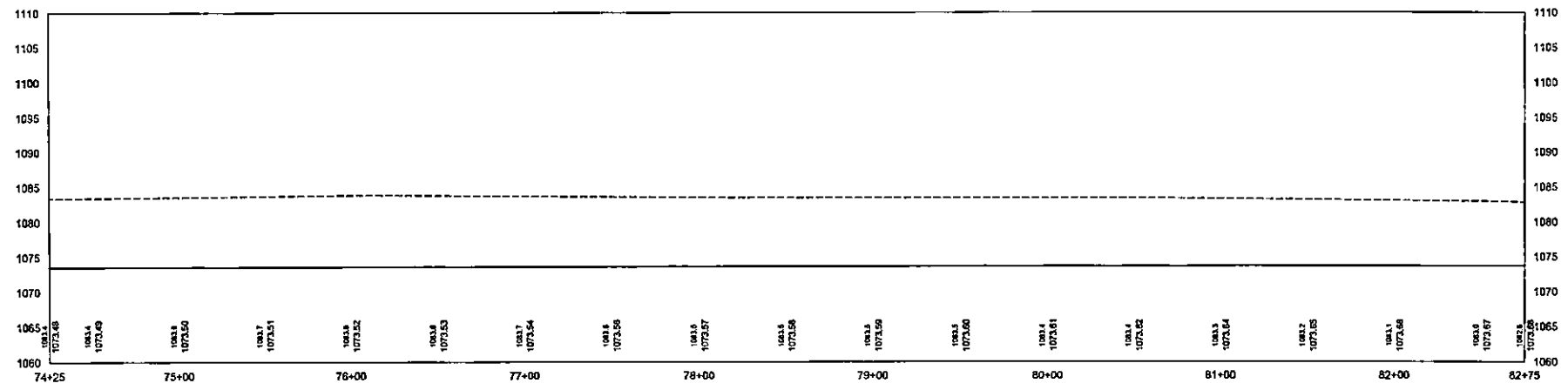
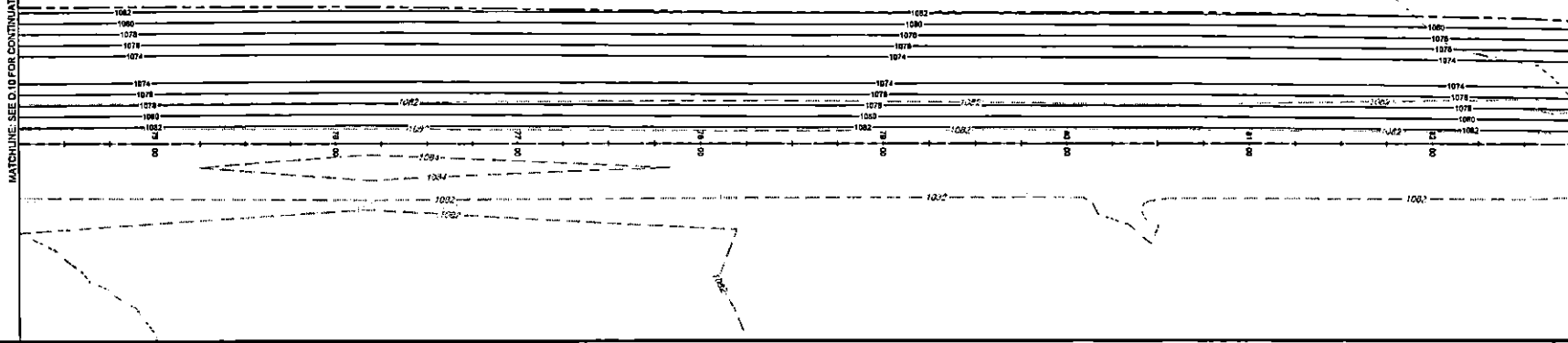
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MATCHLINE: SEE D.10 FOR CONTINUATION

MATCHLINE: SEE D.12 FOR CONTINUATION



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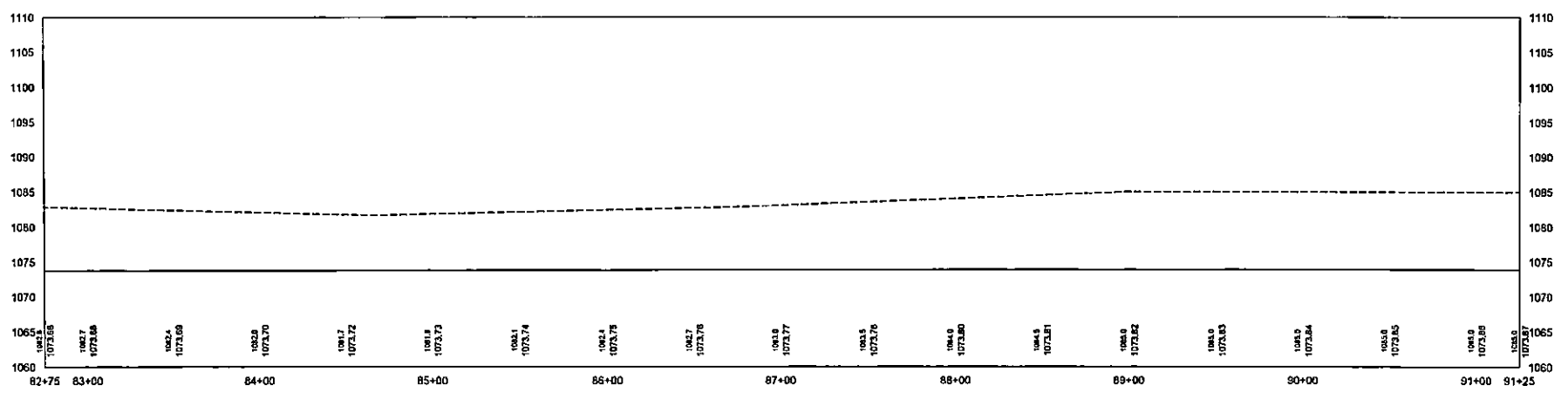
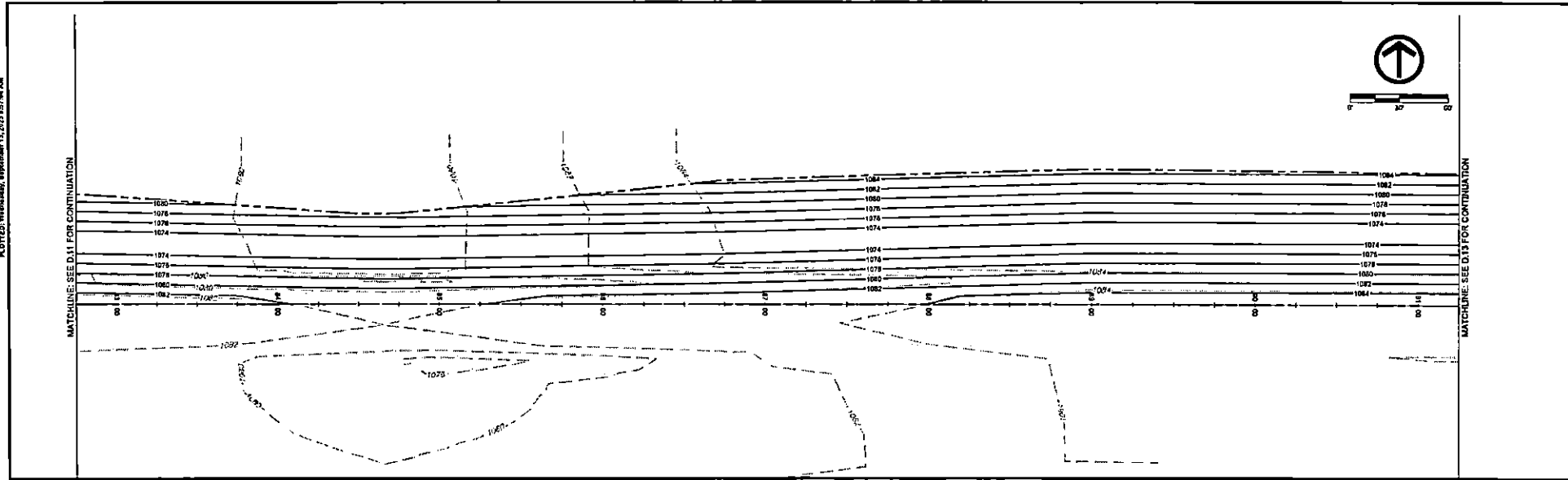
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51554-0220  
 712-843-5053 • 712-843-5055 (FAX) • 877-241-8009 (WATS)

**MAIN DITCH - PLAN & PROFILE**

| DWG. NO.      |
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| PROJECT 18128 |

PLotted: Wednesday, September 13, 2017 8:27:44 AM

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| DRAWN    | AKB        |
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| APPROVED | PKB        |
| DATE     | 09-13-2017 |
| DESIGNER | PKB        |
| REPORT   |            |

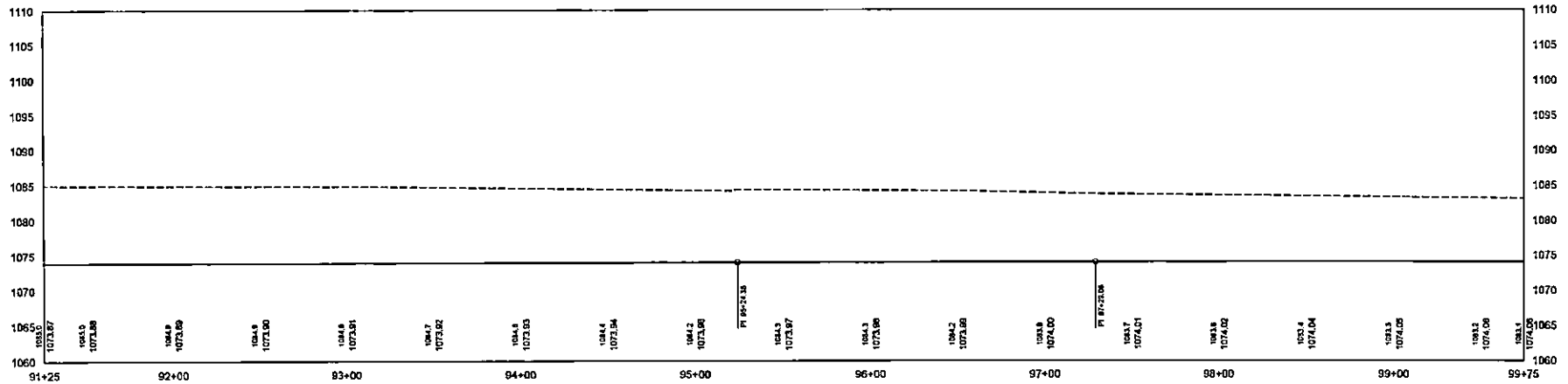
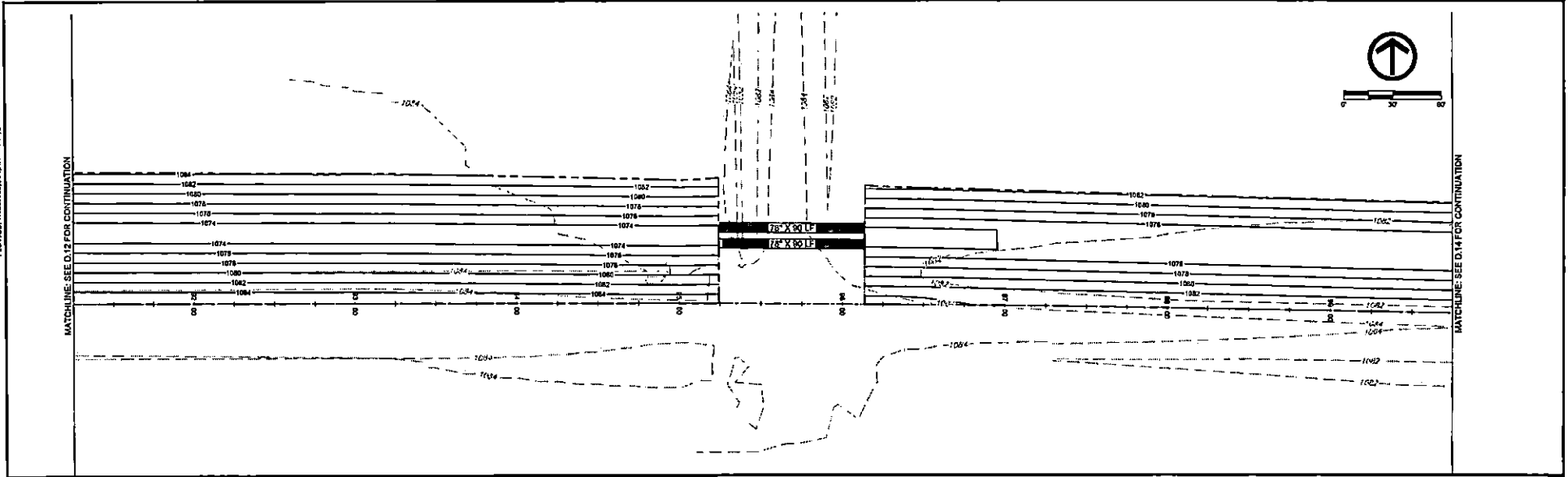


**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 205 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-6658 • 712-643-5000(FAX) • 877-241-5000(WATS)

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| <b>MAIN DITCH - PLAN &amp; PROFILE</b> |  | <b>DWG. NO.</b><br><b>D.12</b> |
| <b>PROJECT</b>                         |  | <b>13128</b>                   |

PLOTTED: Wednesday, September 15, 2010 8:18 AM

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| DRAWN        | JWC        |
| CHECKED      | PLM        |
| APPROVED     | PER        |
| DATE         | 09-13-2010 |
| DESIGNED FOR | REPORT     |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sargeant Square Dr. - Suite B • Sargeant IA, Iowa 51054-0220  
 712-643-5055 • 712-643-5068(FAX) • 877-241-3005(WATS)

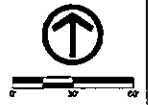
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DWG. NO. **D.13**  
 PROJECT **16158**



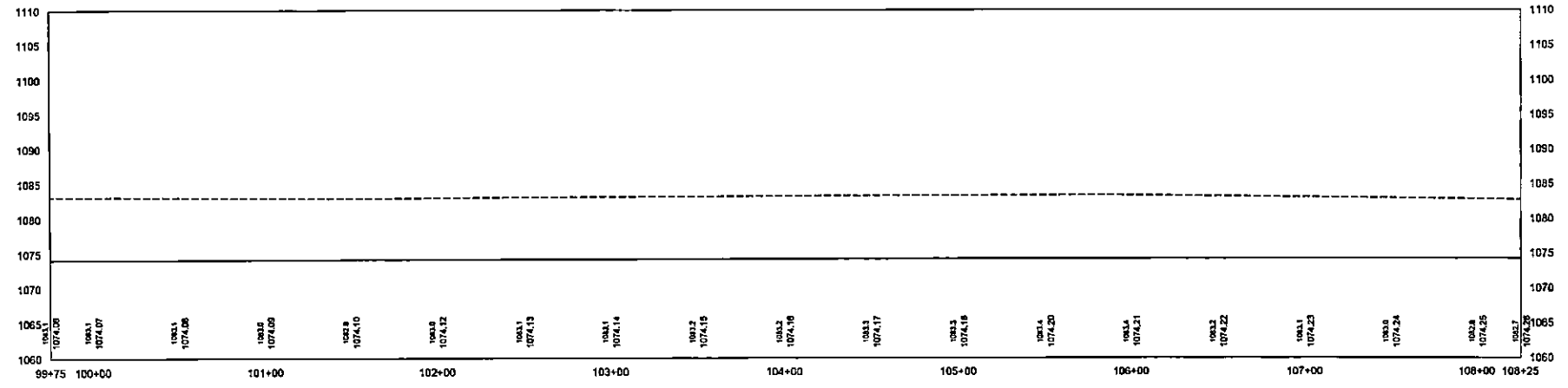
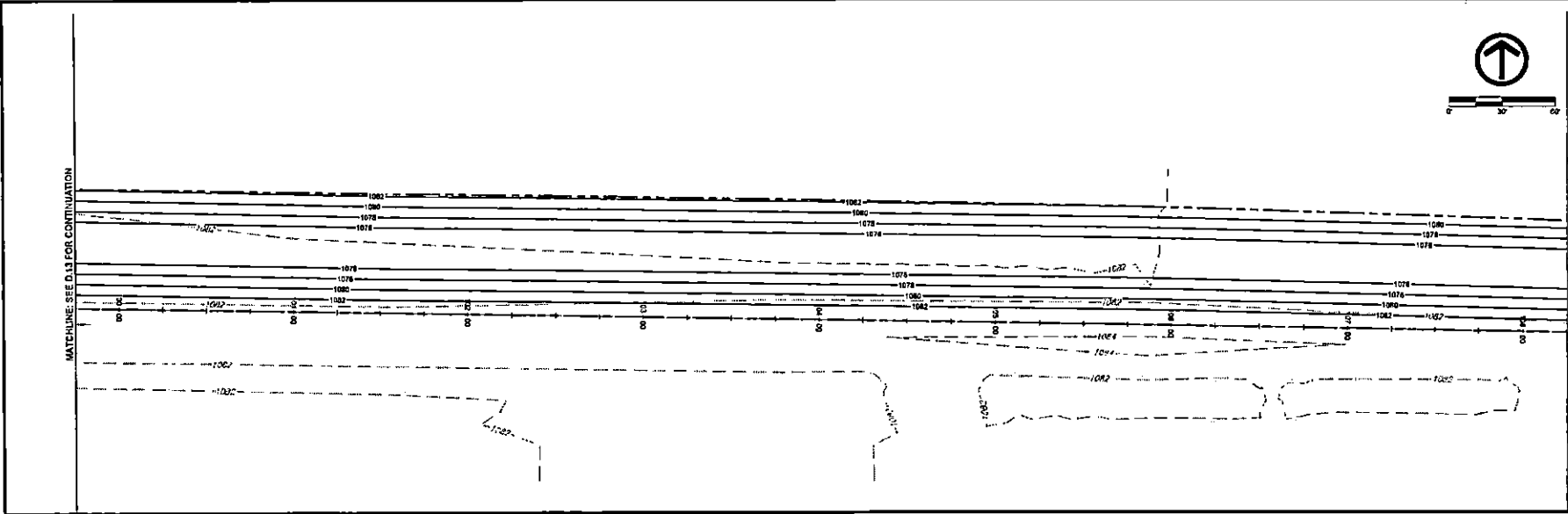
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MATCHLINE: SEE D.13 FOR CONTINUATION

MATCHLINE: SEE D.15 FOR CONTINUATION



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| DRAWN      | JMD        |
| CHECKED    | PEM        |
| APPROVED   | PEM        |
| DATE       | 09-15-2021 |
| DRAWN PLOT | REPORT     |



**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
712-643-5055 • 712-643-5089(FAX) • 877-241-8009(WATS)

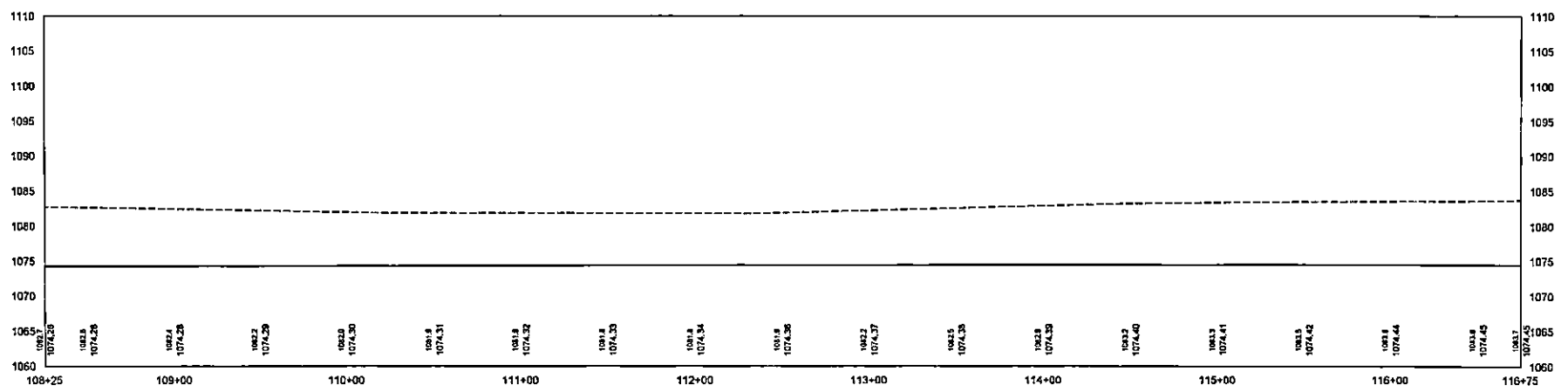
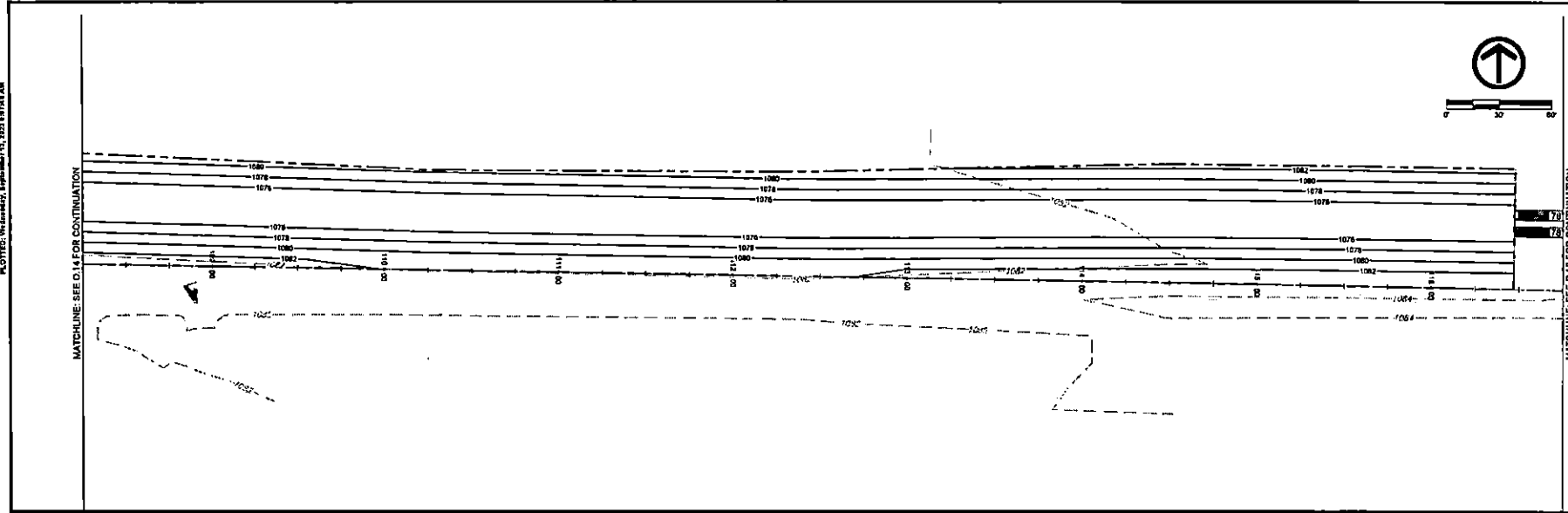
**MAIN DITCH - PLAN & PROFILE**

DWG. NO.  
**D.14**

PROJECT 15118

PLOTTED: Wednesday, September 15, 2021 8:18:18 AM

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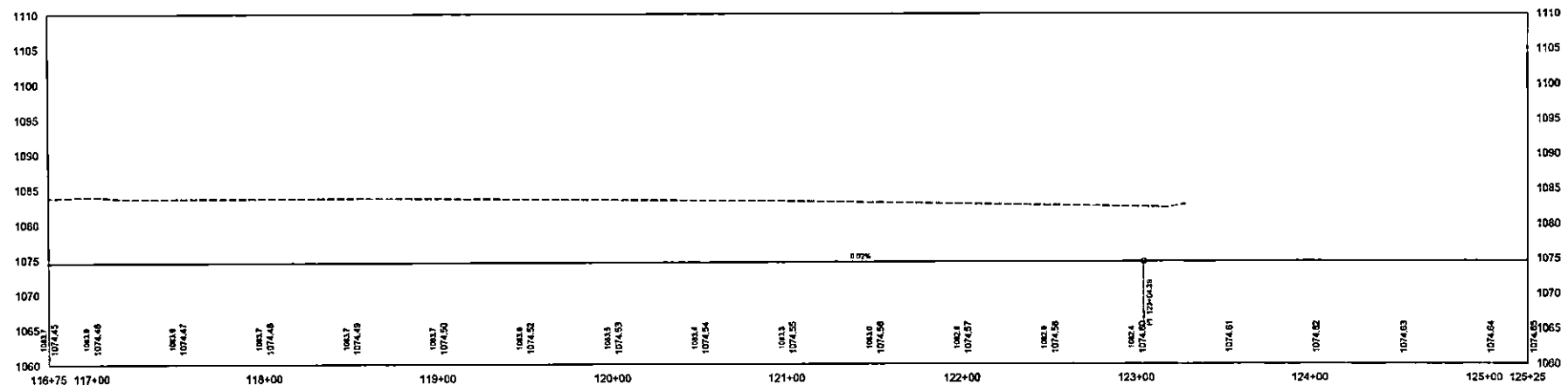
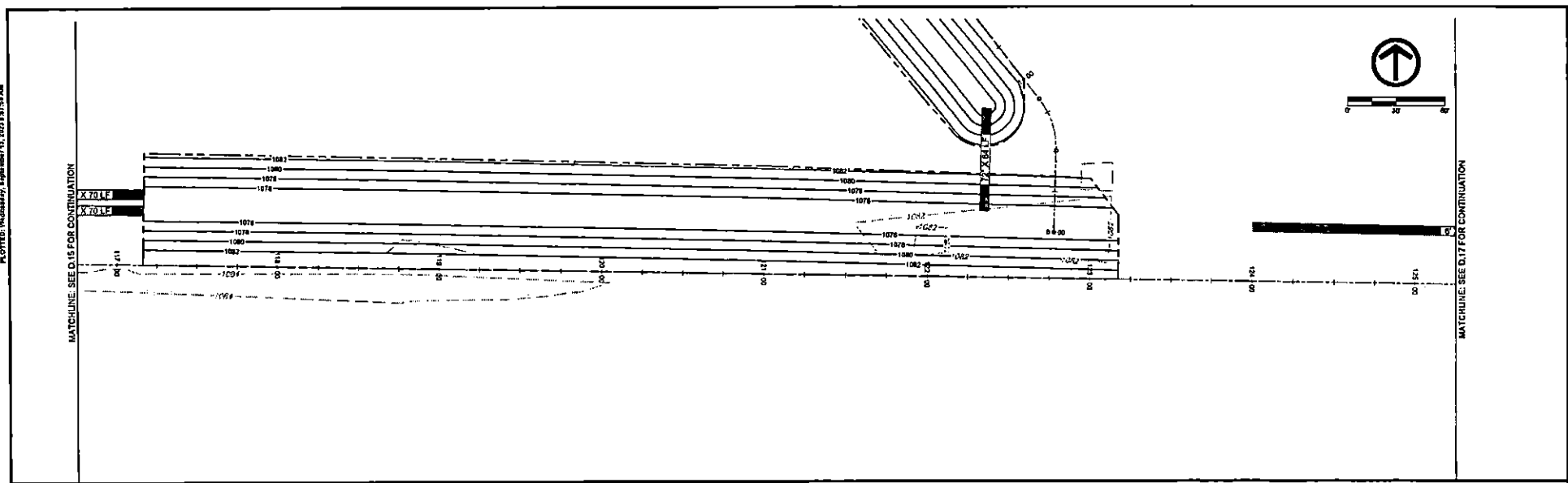
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-3055 • 712-643-5088(FAX) • 877-241-8009(WAITS)

**MAIN DITCH - PLAN & PROFILE**

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| DWG. NO. | D.15  |
| PROJECT  | 18128 |

PLotted: Wednesday, September 15, 2021 8:59 AM

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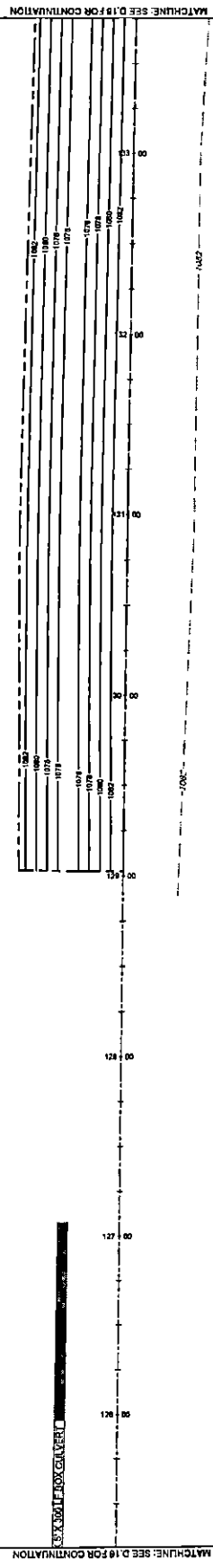
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| DESIGNED   | PCB        |
| APPROVED   | PCB        |
| DATE       | 09-13-2021 |
| ISSUED FOR | REPORT     |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Bargeant Square Dr. • Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-843-5055 • 712-843-5388 (FAX) • 877-241-8000 (WATS)

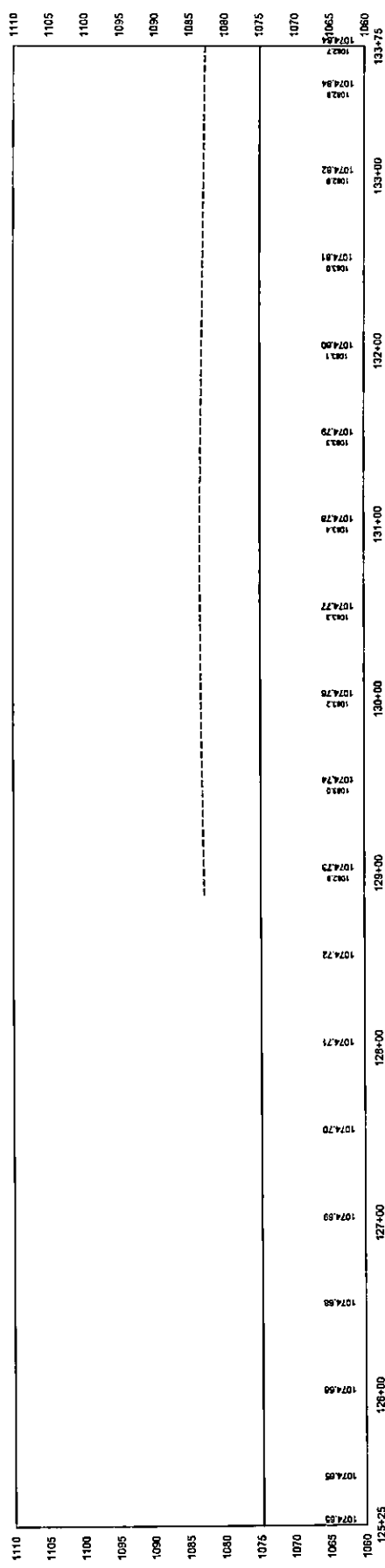
**MAIN DITCH - PLAN & PROFILE**

| DWG. NO. |
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| D.16     |
| PROJECT  |
| 18128    |



MATCHLINE: SEE D.16 FOR CONTINUATION

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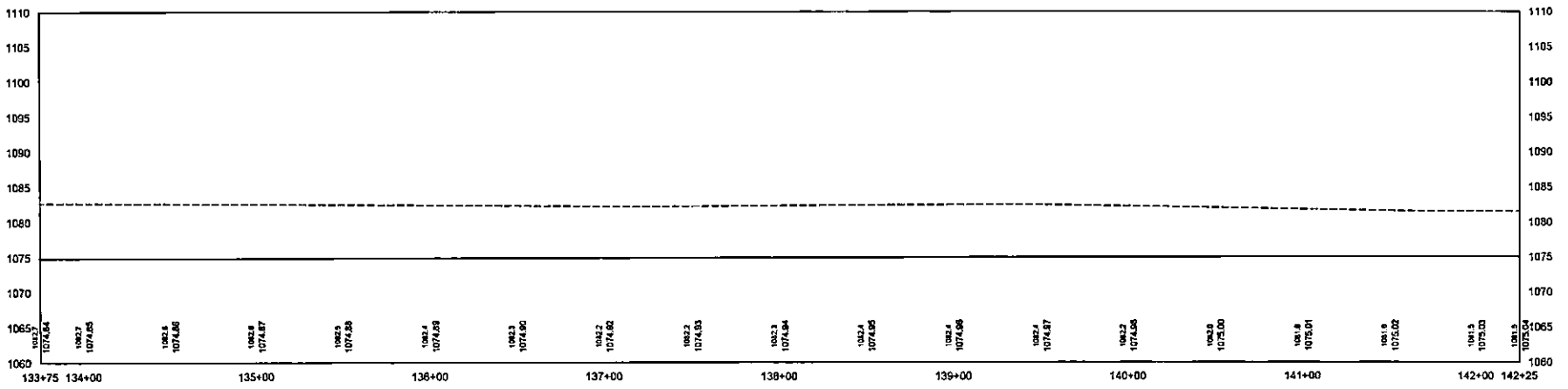
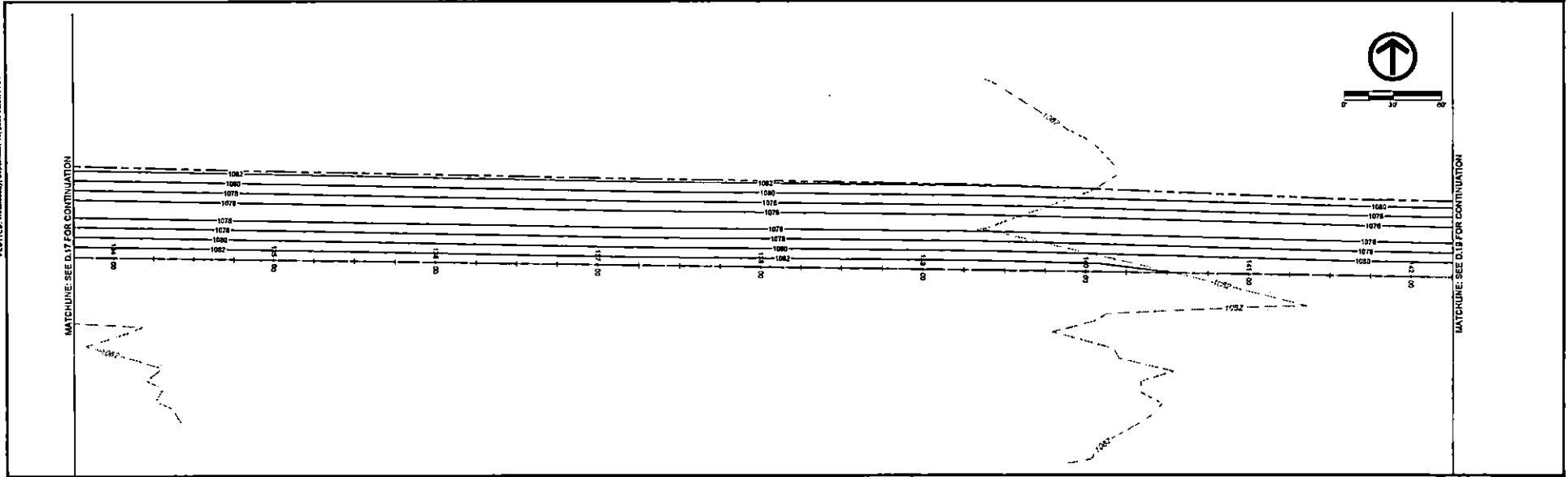


**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**  
203 Sergeant Salina Dr., Salina B • Sergeant Bldg./Room 5 105-4030  
715-243-2605 • 715-243-2600(FAX) • 872-1160(WWW)

DWG. NO. **D.17**  
PROJECT **MAIN DITCH - PLAN & PROFILE**

PLTTER: Wednesday, September 15, 2021 8:51 AM

FILE PATH: I:\PROJECTS\STATEMENTS\WOODBURY\_COUNTY\111-PRJ\_BALL\_DRAINAGE\_DISTRICT\_CREATE\DWG\111-111-D18.DWG



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|      |           | DRAWN        | JMO        |
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|      |           | DATE         | 09-15-2021 |
|      |           | DESIGNED FOR | REPORT     |



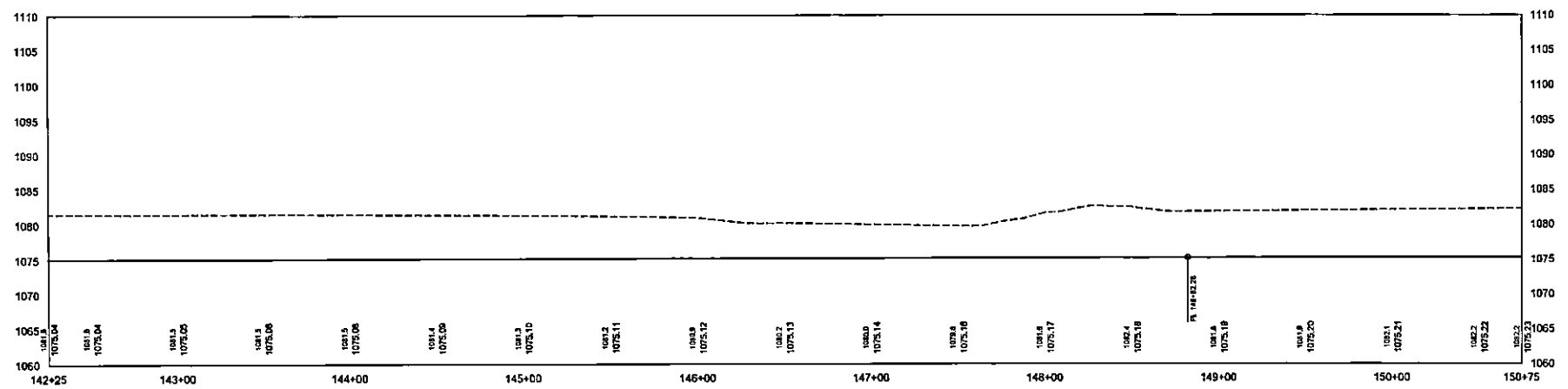
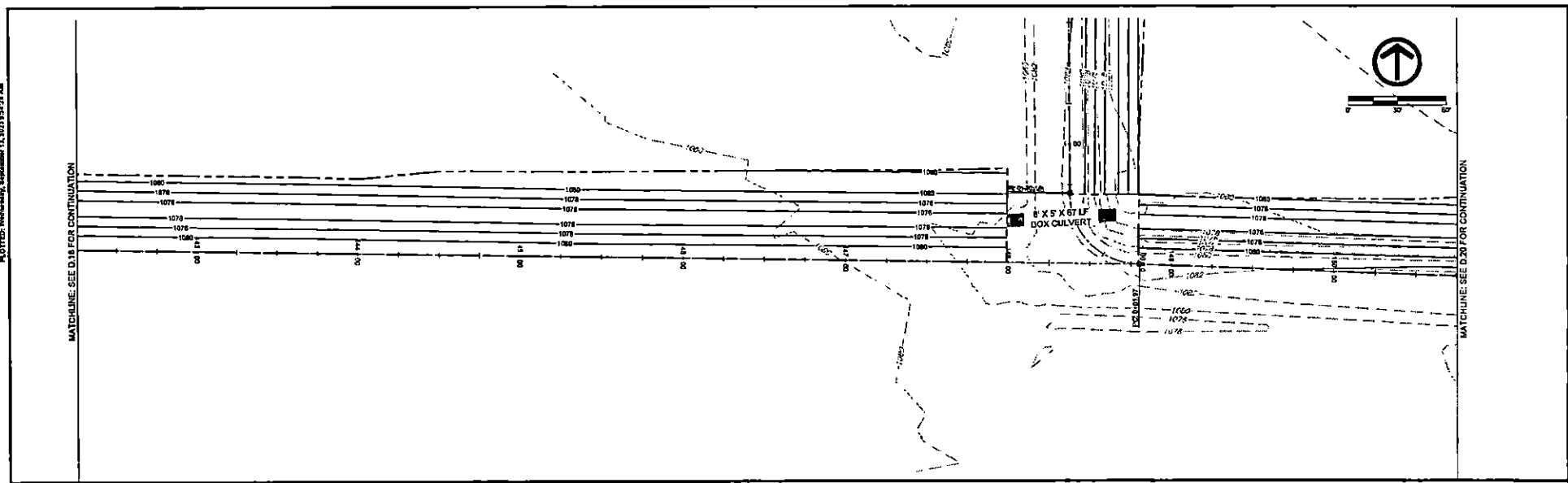
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. • Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-5055 • 712-643-5055 (FAX) • 877-241-8206 (WATS)

**MAIN DITCH - PLAN & PROFILE**

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| DWG. NO. | D.18  |
| PROJECT  | 11118 |

PLOTTED: Wednesday, September 11, 2013 9:29 AM

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| DRAWN       | JMG        |
| CHECKED     | PLB        |
| APPROVED    | PCB        |
| DATE        | 09-13-2013 |
| DESIGNED BY | REPORT     |



SALIX DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA

200 Sergeant Square Dr., Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-0255 • 712-643-5285(FAX) • 877-241-8009(MA13)

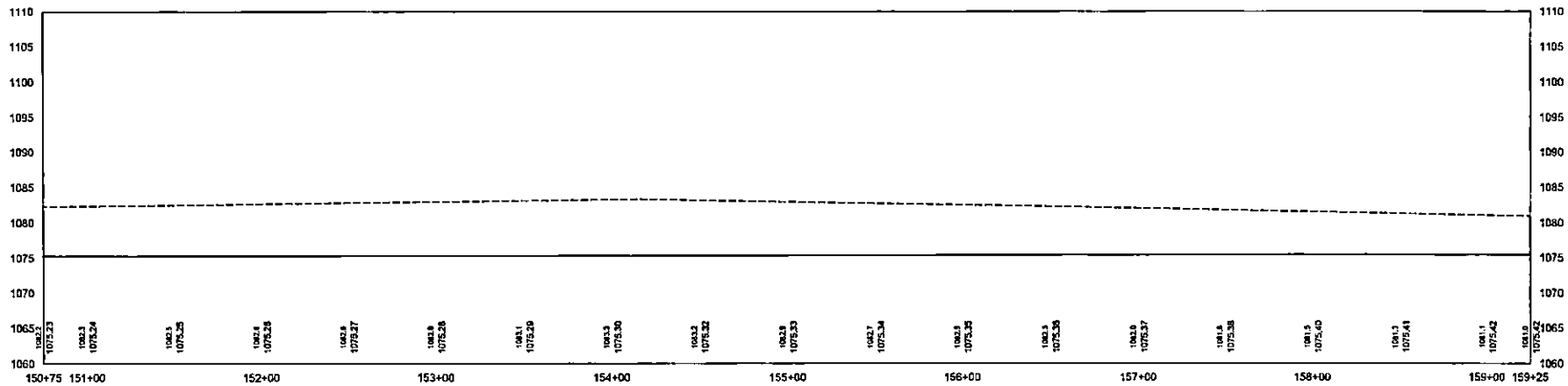
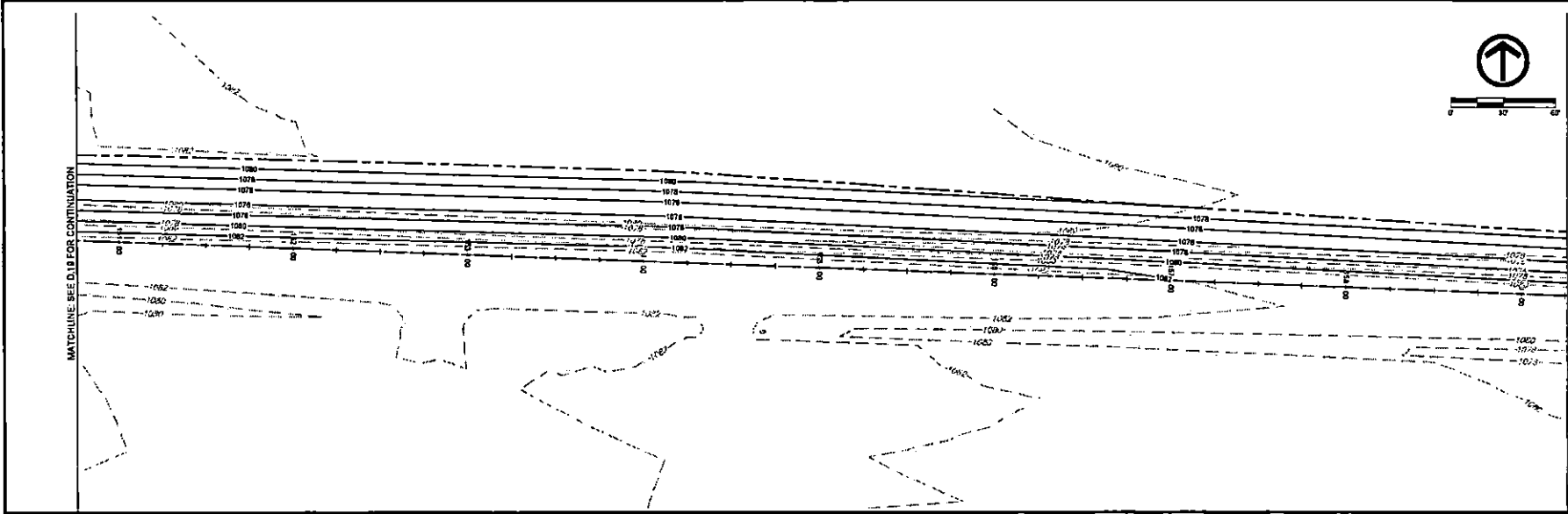
MAIN DITCH - PLAN & PROFILE

DWG. NO.  
 D.19

PROJECT 111811

PLOTTED: Wednesday, September 15, 2010 8:58:28 AM

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|      |           | DRAWING    | JMO        |
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|      |           | DATE       | 09-13-2010 |
|      |           | ISSUED FOR | REPORT     |



SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA

203 Sargeant Square Dr. - Suite B • Sargeant Bluff, Iowa 51054-0220  
712-943-9055 • 712-943-5059 (FAX) • 877-241-6006 (NATS)

MAIN DITCH - PLAN & PROFILE

DWG. NO.  
D.20

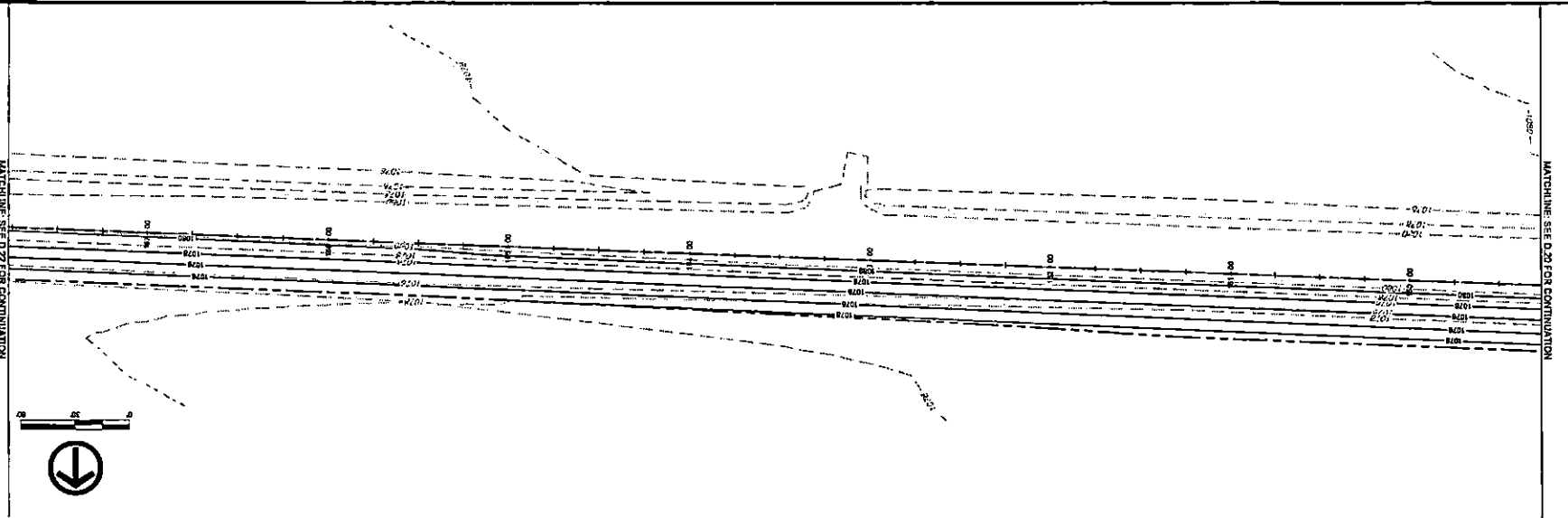
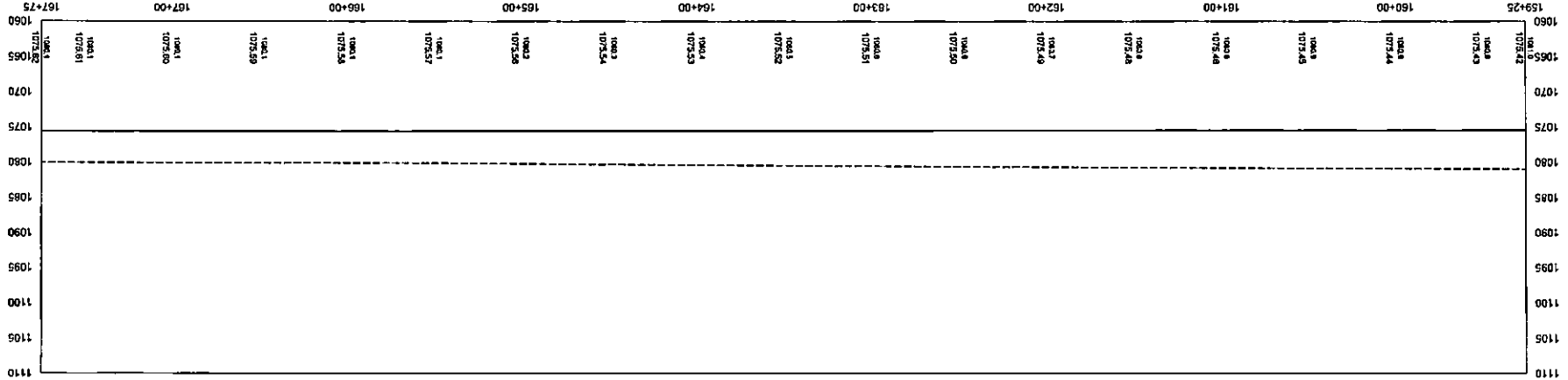
PROJECT 12128

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**VENSTRA & KIMM INC.**

SALIX DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA  
 200 Douglas Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0230  
 712-433-8955 • 712-433-8887(FAX) • 877-241-8009(VA1TS)

| PROJECT                     | DWG. NO. |
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| MAIN DITCH - PLAN & PROFILE | D.21     |



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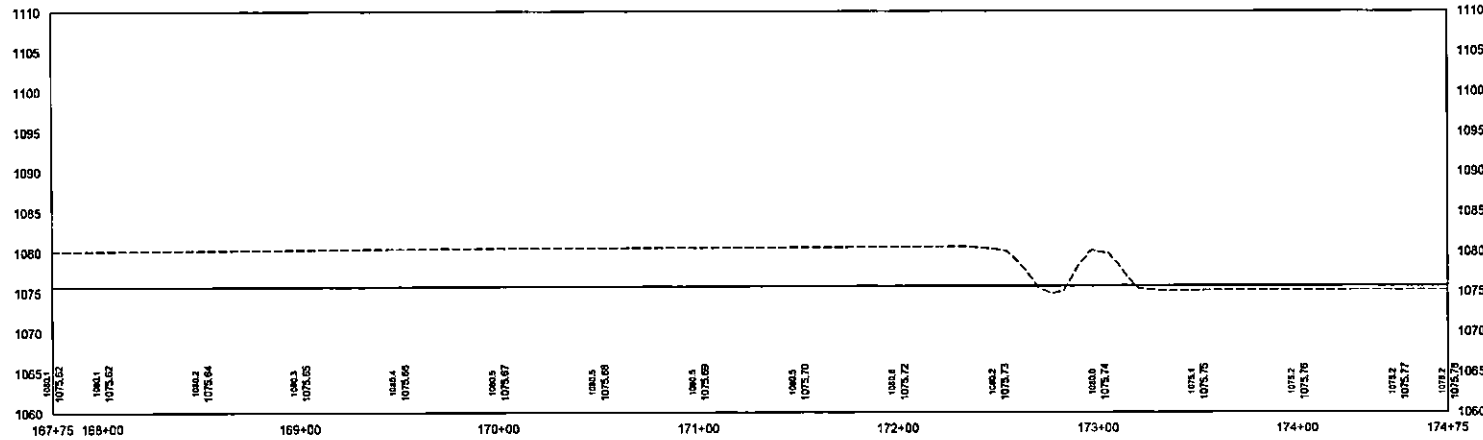
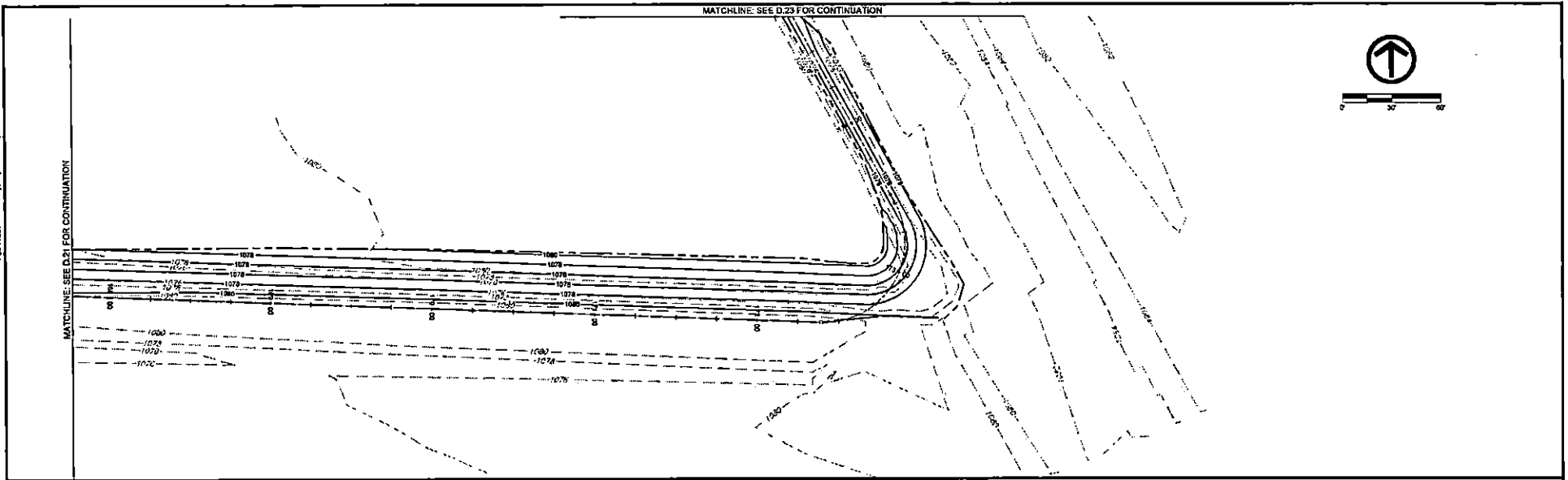
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PLOTTED: Wednesday, September 11, 2008 8:11 AM

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180518



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| DRAWN       | AKG      |
| CHECKED     | PCW      |
| APPROVED    | PCW      |
| DATE        | 09-10-08 |
| DRAWN BY    | PCW      |
| CHECKED BY  | PCW      |
| APPROVED BY | PCW      |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-5255 • 712-643-5088(FAX) • 877-241-8008(WATS)

**MAIN DITCH - PLAN & PROFILE**

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| PROJECT  | 18128 |

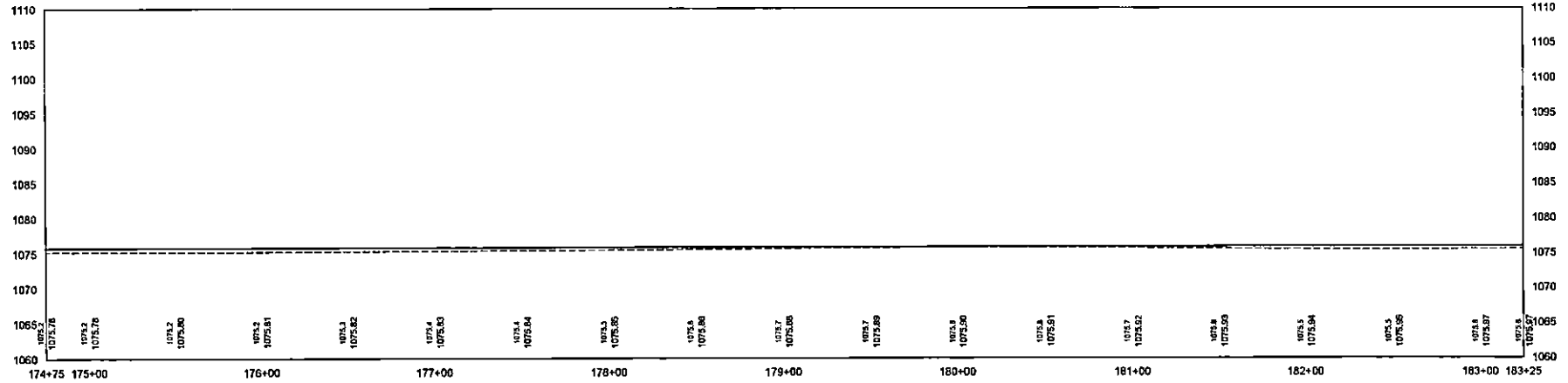
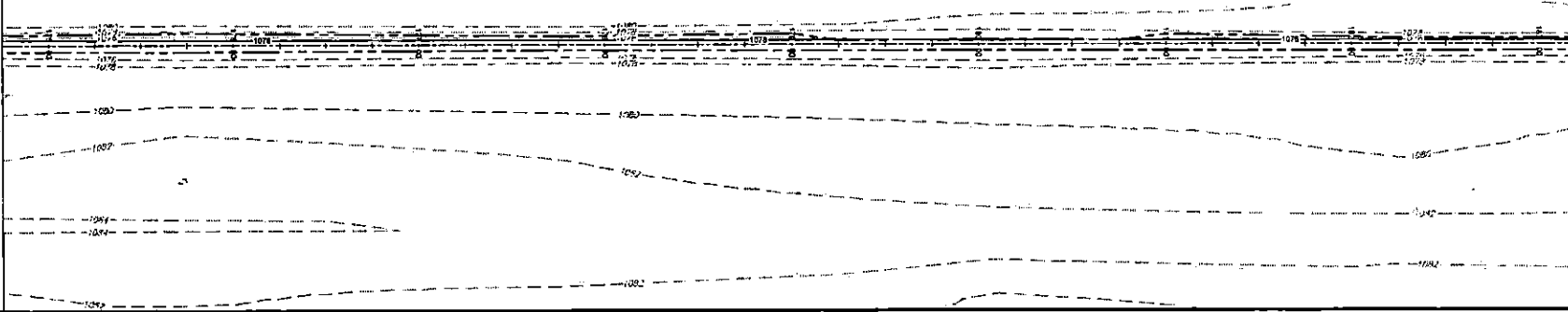
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MATCHLINE SEE D.22 FOR CONTINUATION

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| DRAWN     | AKD        |
| CHECKED   | PCR        |
| APPROVED  | PCR        |
| DATE      | 09-15-2010 |
| DRAWN FOR | REPORT     |



**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

203 Sargeant Square Dr., Suite B • Sargeant Bluff, Iowa 51054-0220  
712-643-5055 • 712-643-5056(FAX) • 877-241-8000(MAINT)

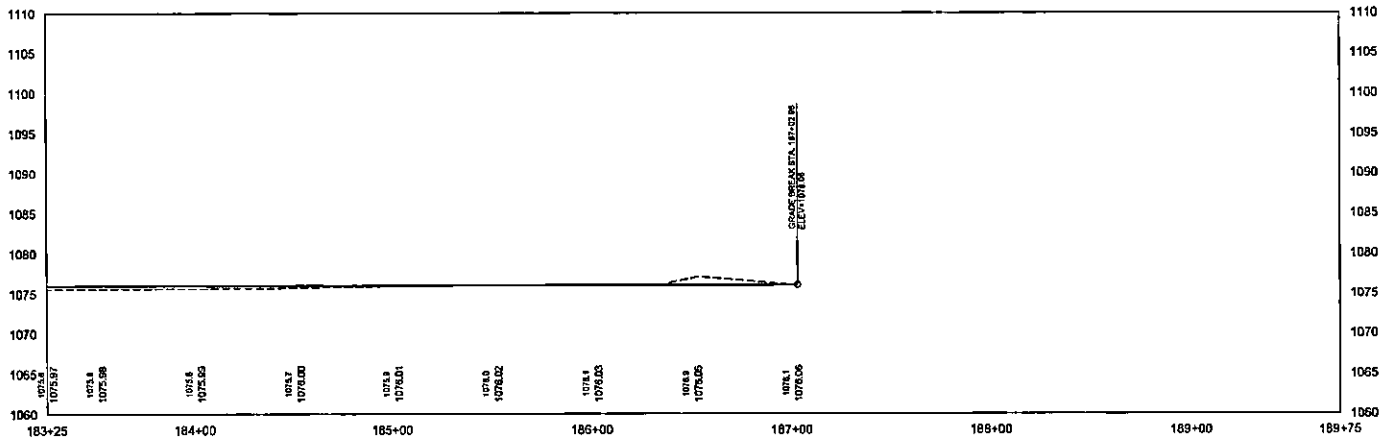
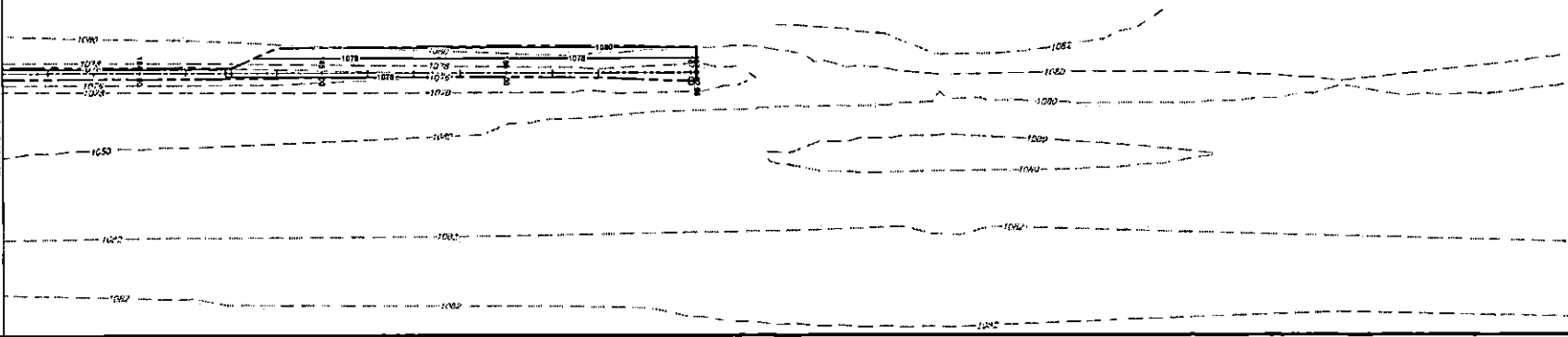
**MAIN DITCH - PLAN & PROFILE**

| DWG. NO. |
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| PROJECT  |
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PLOTTED: Wednesday, September 15, 2021 8:41 AM



MATCHLINE SEE D.23 FOR CONTINUATION



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| DRAWN        | AKD        |
| CHECKED      | PCB        |
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| DATE         | 09-13-2021 |
| DESIGNED FOR | REPORT     |



**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

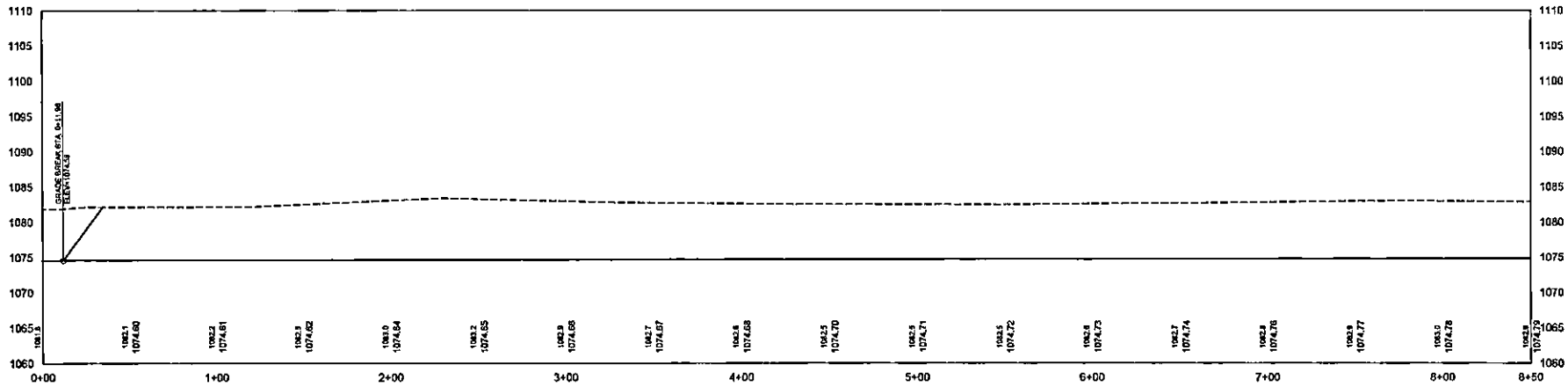
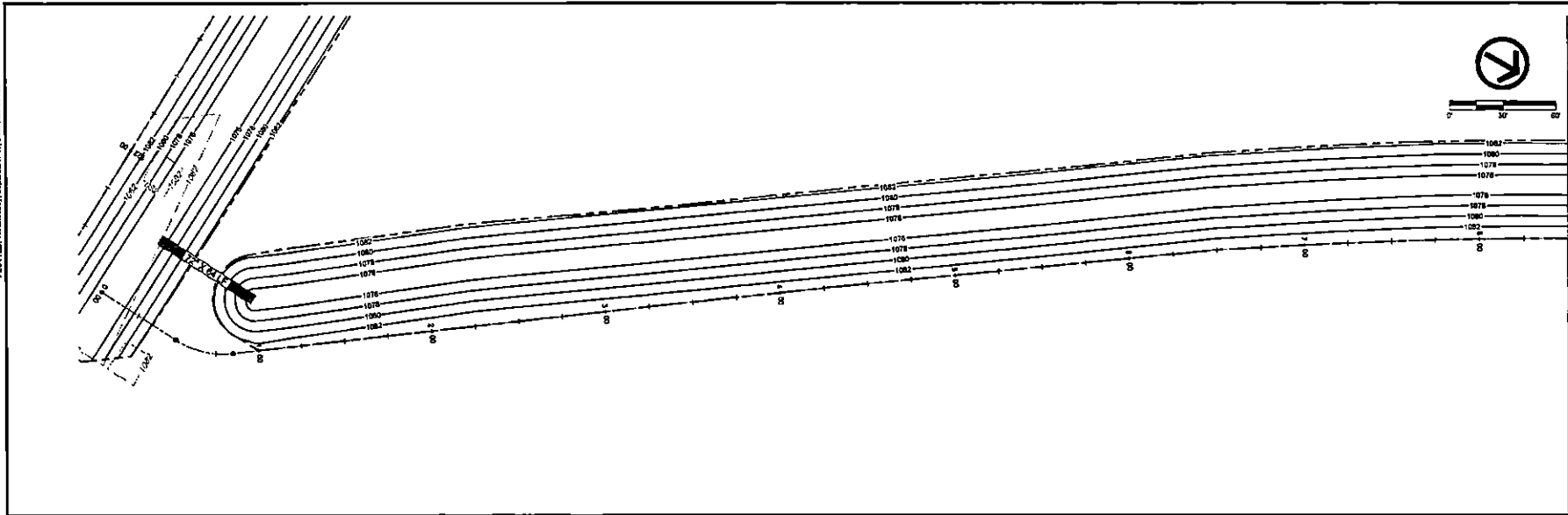
203 Sergeant Square Dr. • Suite B • Sergeant Bluff, Iowa 51054-0220  
712-643-0255 • 712-643-5033 (FAX) • 877-241-8009 (NAT'L)

**MAIN DITCH - PLAN & PROFILE**

| DWG. NO.      |
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| PROJECT 18108 |

PLOTTED: Wednesday, September 13, 2017 8:51:58 AM

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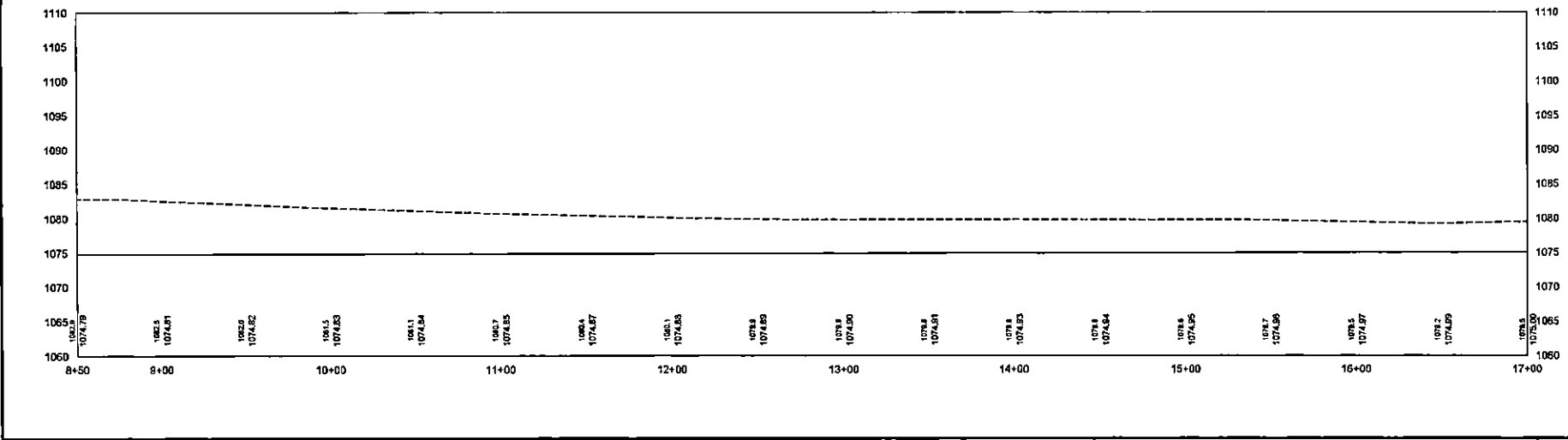
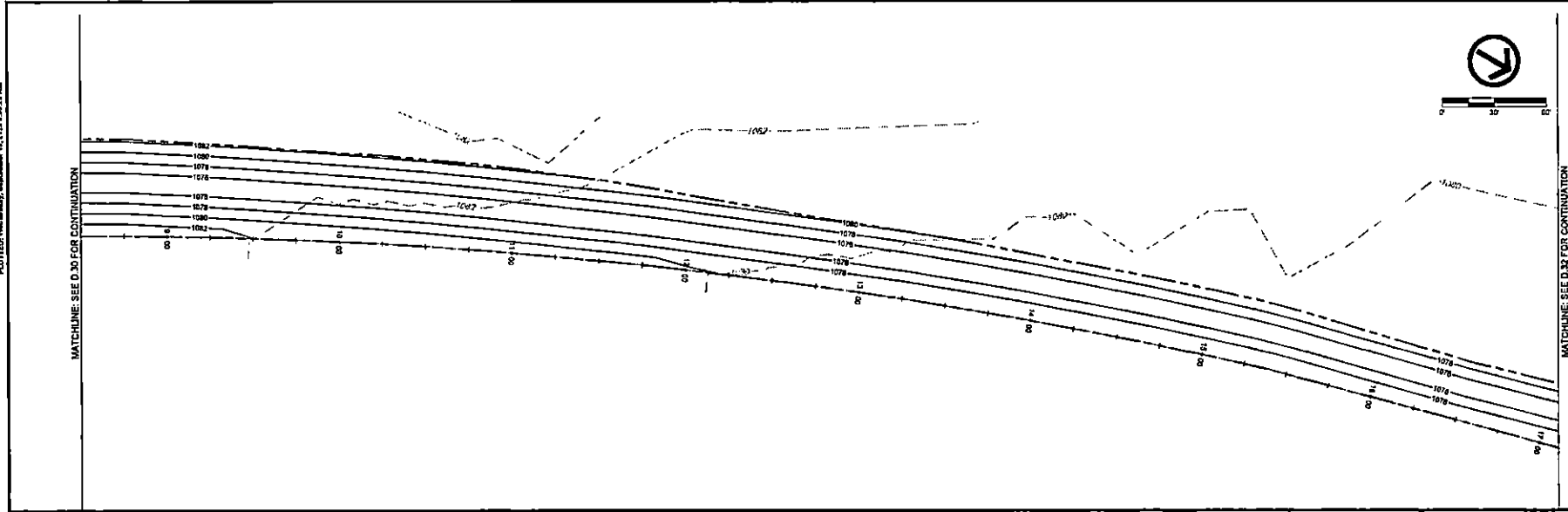
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-5053 • 712-643-5088(FAX) • 877-241-8006(WATS)

**LATERAL 1 - PLAN & PROFILE**

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| DWG. NO. | D.30  |
| PROJECT  | 43128 |

PLotted: Wednesday, September 11, 2025 8:57 AM

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| DRAWN     | JMO        |
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| APPROVED  | PER        |
| DATE      | 09-11-2025 |
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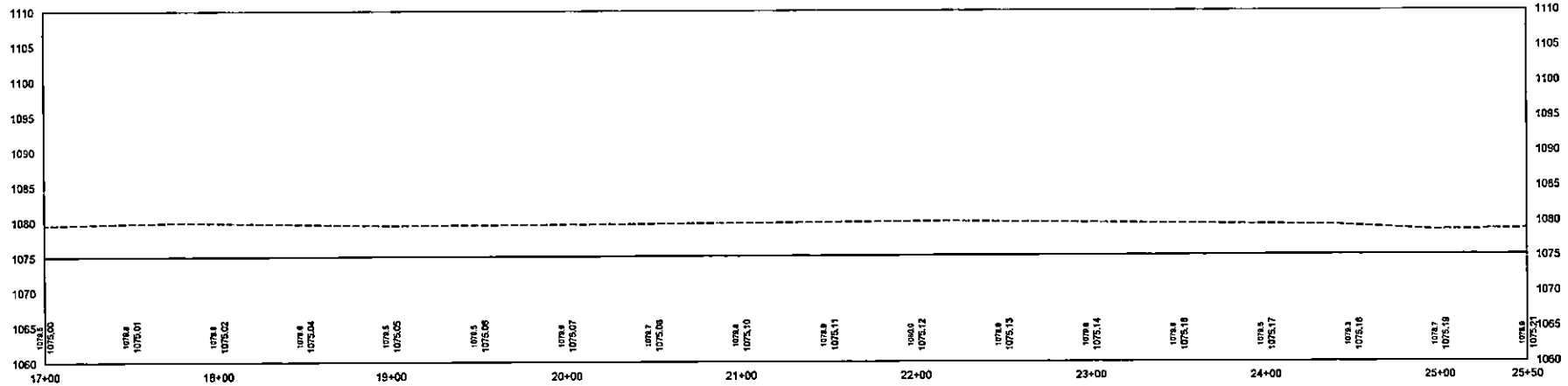
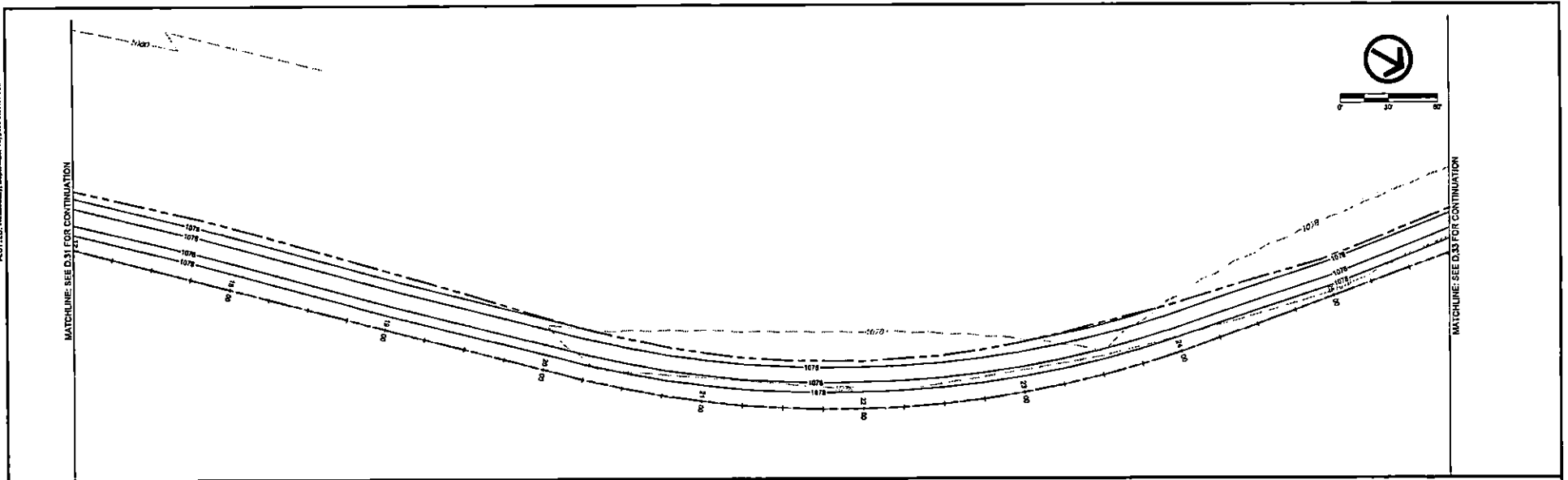
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sargand Bovena Dr. • Suite B • Sargand Bluff, Iowa 51054-0220  
 712-643-0055 • 712-643-5080(FAX) • 877-241-6000(WATS)

**LATERAL 1 - PLAN & PROFILE**  
**D.31**

|         |       |
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| PROJECT | 45128 |
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PLOTTED: Wednesday, September 15, 2010 9:48:37 AM

FILE PATH: \\S0125107\ADMIN\15\WOODBURY\_COUNTY\15\JOB\DRAWING\CONTRACT\_CREATION\CADD\_PROJECT\DRAWINGS\15118.DWG



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| SCALE      | AS NOTED |
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| DRAWN      | JMB      |
| CHECKED    | PCB      |
| APPROVED   | PCB      |
| DATE       | 09-03-10 |
| ISSUED FOR | REPORT   |



**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

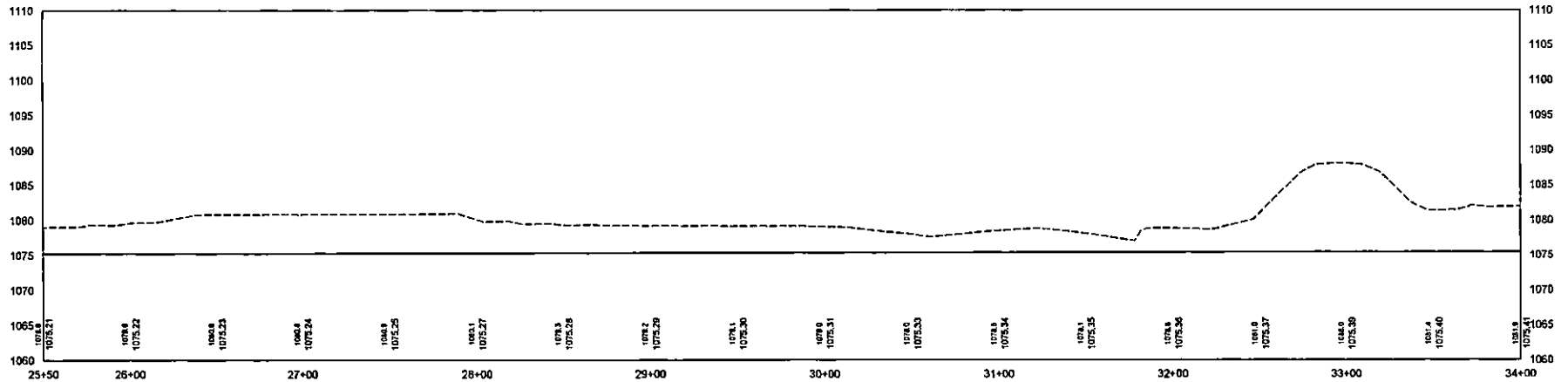
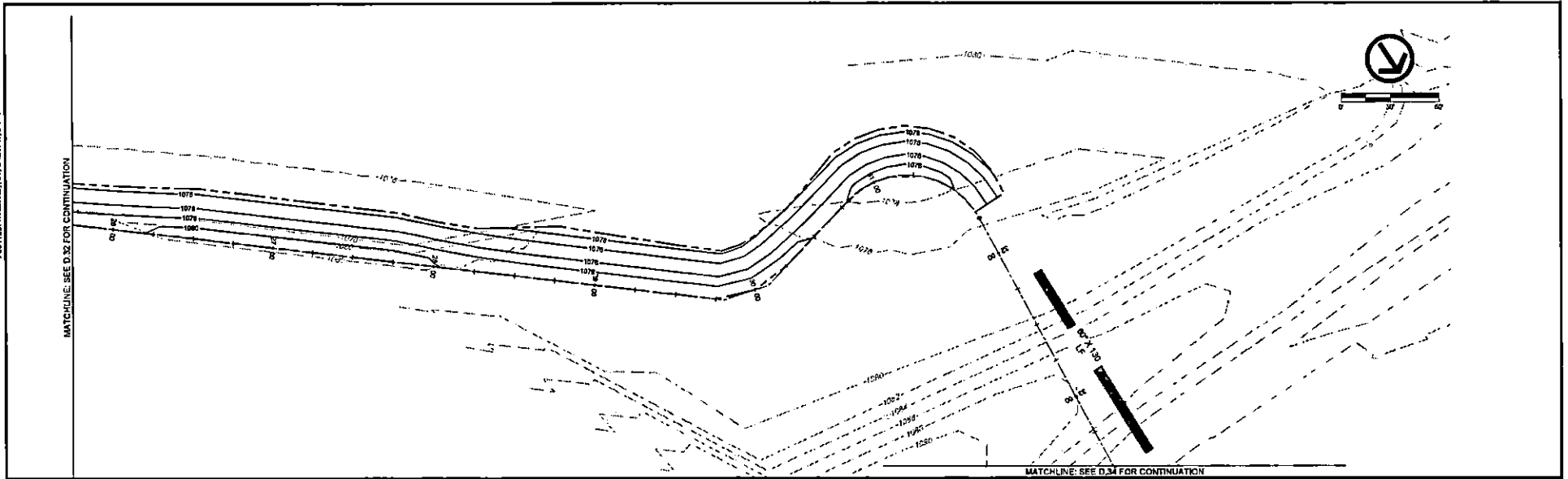
203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
712-643-5955 • 712-943-5086 (FAX) • 877-241-8009 (NATS)

**LATERAL 1 - PLAN & PROFILE**

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| DWG. NO. | D.32  |
| PROJECT  | 15118 |

PLOTTED: Wednesday, September 15, 2011 9:53 AM

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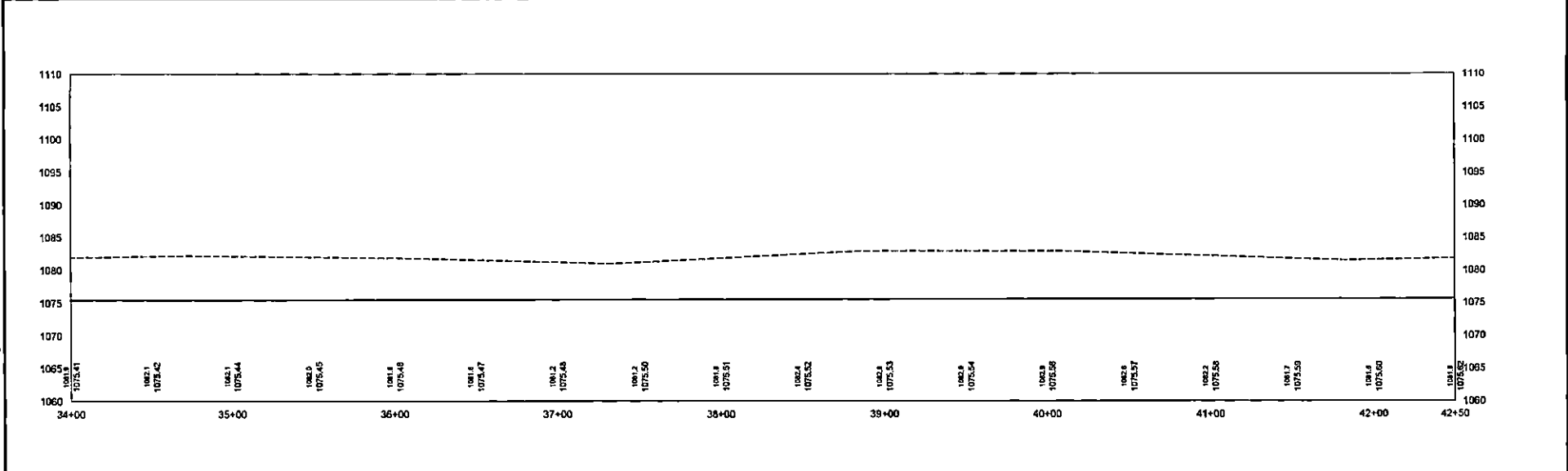
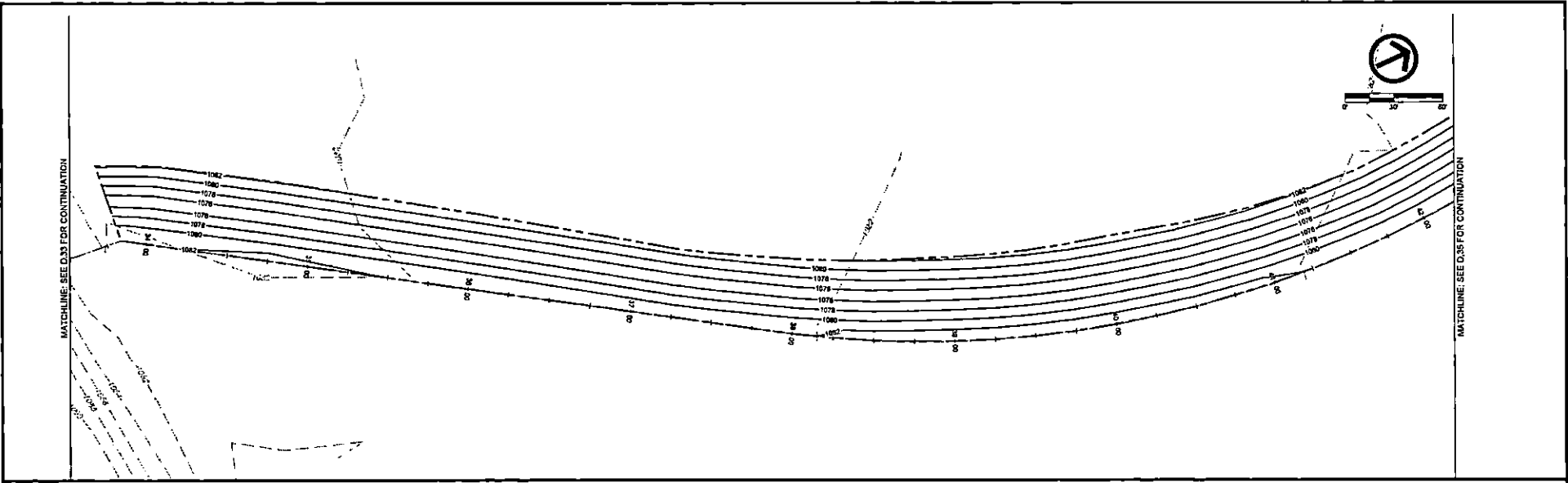
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sargent Square Dr. - Suite B • Sargent Bluff, Iowa 51054-0220  
 712-643-5055 • 712-643-5085(FAX) • 877-241-8000(WATS)

**LATERAL 1 - PLAN & PROFILE**

| DATE | PROJECT | DWG. NO. |
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|      |         | D.33     |
|      |         | 18128    |

PLOTTED: Wednesday, September 15, 2010 8:54:57 AM

4:49 PM: \\VEENSTRA\PROJECTS\19819\19819\WOODBURY\_COUNTY\1144261\_EMLD\_ON\DRAWING\_CREATE\DWG\WOODBURY\1144261\_D34.DWG



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| SCALE      | AS NOTED   |
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| DRAWN      | JWB        |
| CHECKED    | PKB        |
| APPROVED   | PKB        |
| DATE       | 09-15-2010 |
| ISSUED FOR | REPORT     |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sargent Square Dr. - Suite B • Sargent Bluff, Iowa 50544-0220  
 712-643-5055 • 712-643-6086(FAX) • 877-241-8000(WAITS)

|                                       |                           |
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| <b>LATERAL 1 - PLAN &amp; PROFILE</b> | D.W.G. NO.<br><b>D.34</b> |
|                                       | PROJECT<br>15128          |

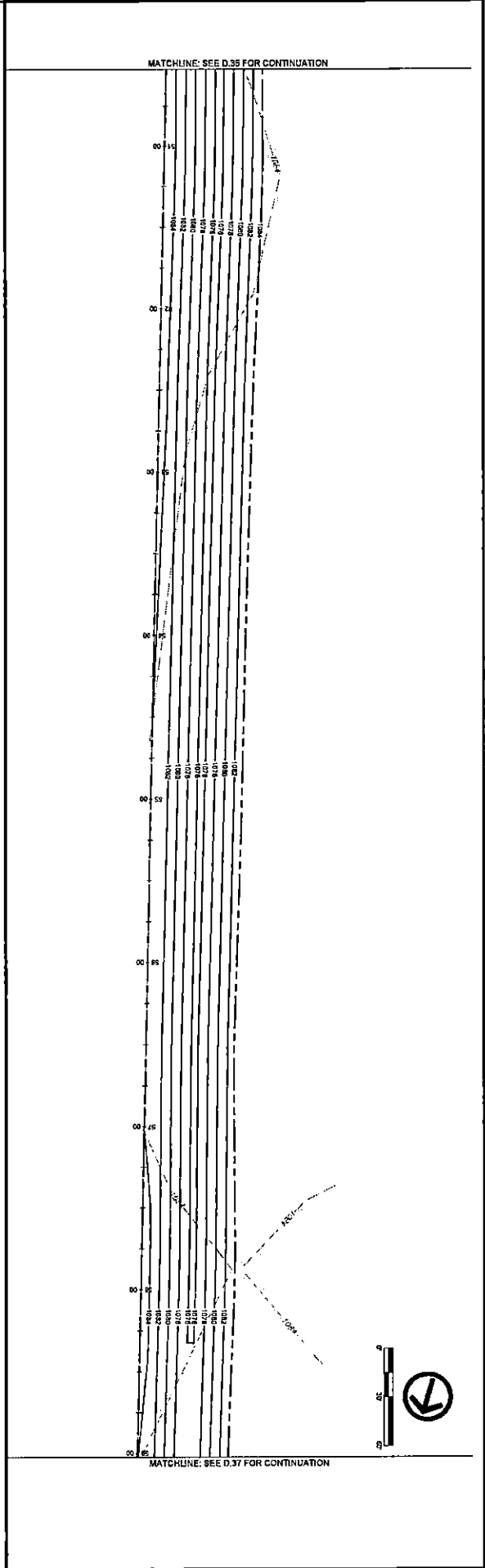
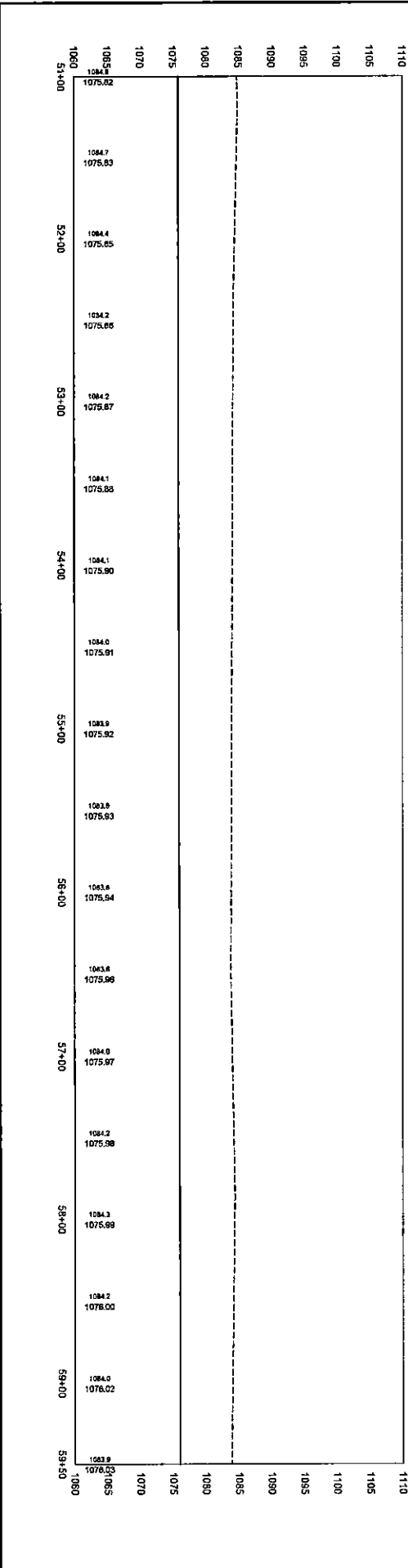




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| DATE |    | REVISIONS   |      | SALIX DRAINAGE DISTRICT<br>WOODBURY COUNTY, IOWA |             | LATERAL 1 - PLAN & PROFILE | DRAWING NO. |       |
| DATE | BY | DESCRIPTION | DATE | BY   | DESCRIPTION |                            | D.36        | 11126 |
|      |    |             |      |  |             |                            |             |       |



200 Sycamore Square Dr., Suite B • Sergeant Bluff, Iowa 51064-6230  
 719-648-5825 • 719-648-5810 • 817-241-4800 (IOWA)



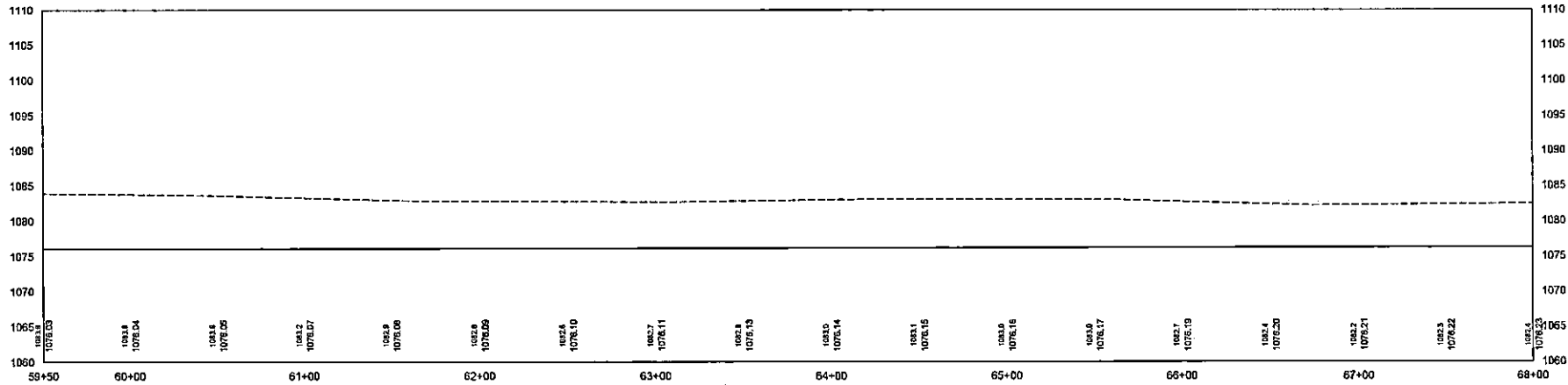
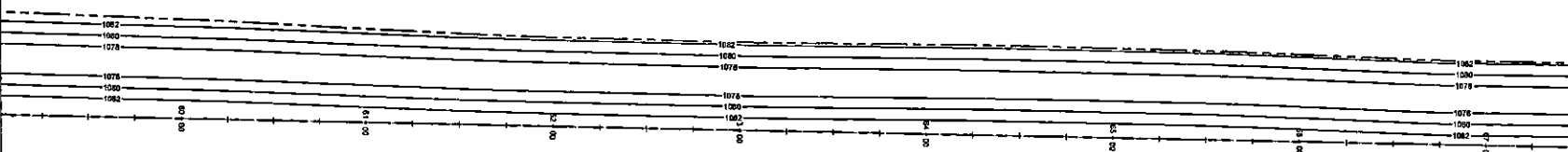
PLOTTED: Wednesday, September 15, 2010 8:43 AM

PLT: \\S:\PROJECTS\101515\WOODBURG\COUNTY\101515\_SALIX\_DRAINAGE\_DISTRICT\_CREATION\101515\_101515.DWG



MATCHLINE: SEE D.36 FOR CONTINUATION

MATCHLINE: SEE D.36 FOR CONTINUATION



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| SCALE      | AS NOTED   |
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| DESIGNED   | AKC        |
| CHECKED    | PER        |
| APPROVED   | PER        |
| DATE       | 09-14-2010 |
| ISSUED FOR | REPORT     |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-5855 • 712-643-5886(FAX) • 877-241-3006(WATS)

**LATERAL 1 - PLAN & PROFILE**

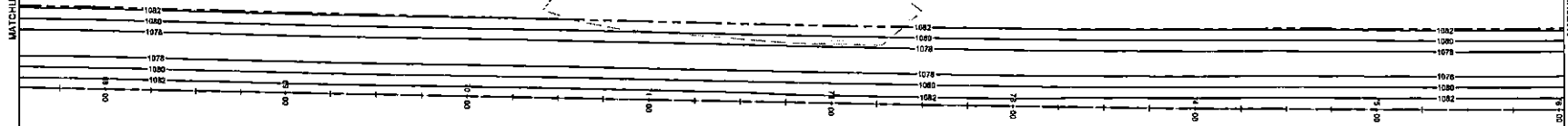
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| D.37          |
| PROJECT 15124 |

PLOTTER: WINTERHOLZ, 10/26/2011 11:41:57 AM

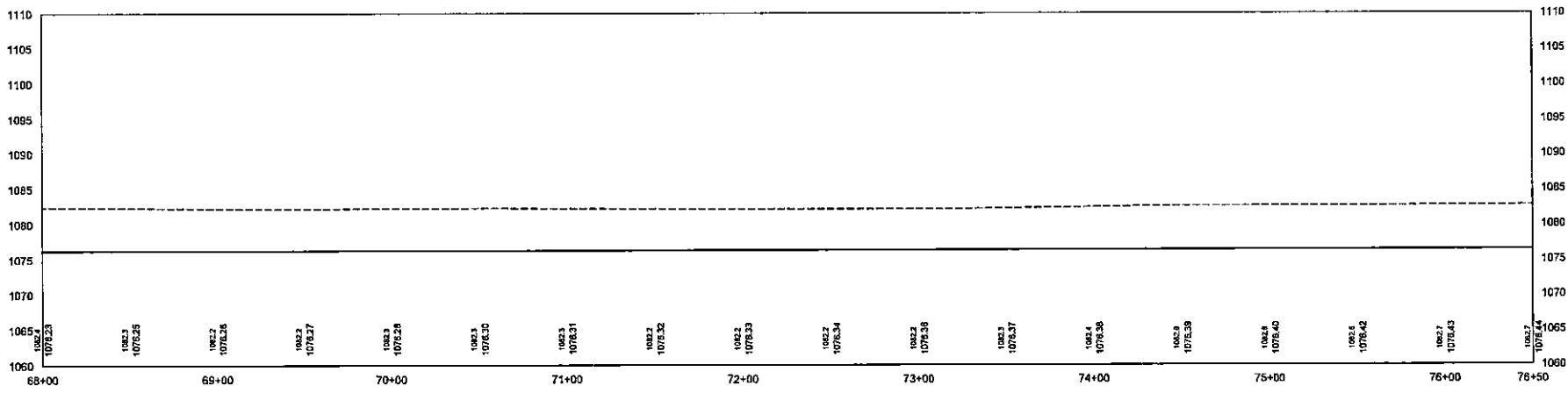


MATCHLINE: SEE D.37 FOR CONTINUATION

MATCHLINE: SEE D.39 FOR CONTINUATION



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| CHECKED   | PER               |
| APPROVED  | PER               |
| DATE      | 10-11-2011        |
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**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-943-9253 • 712-943-5088 (FAX) • 877-241-8005 (NATS)

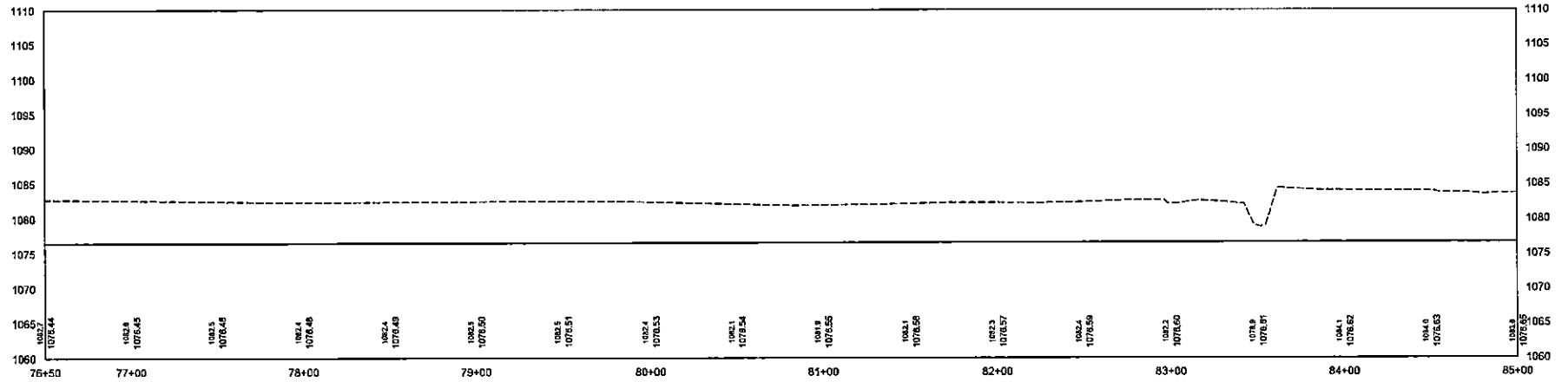
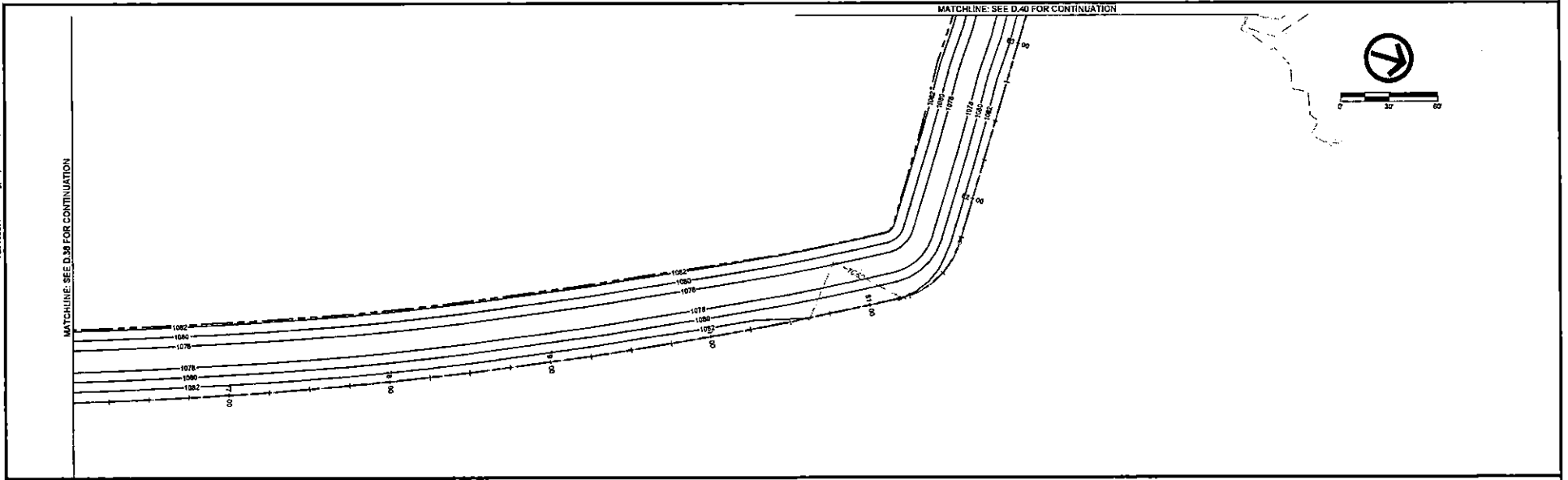
**LATERAL 1 - PLAN & PROFILE**

DWG. NO.  
**D.38**

PROJECT 13123

PLOTTED: Wednesday, September 13, 2017 8:52:22 AM

FILE PATH: \\NKS02\ASST\ADMIN\1515\WOODBURY\_COUNTY\1515-252\BAU\DRAWING\DWG\LATERAL1\1515-252-43



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| SCALE        | AS NOTED   |
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| DRAWN        | JWC        |
| CHECKED      | PER        |
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| DATE         | 09-13-2017 |
| DESIGNED FOR | REPORT     |



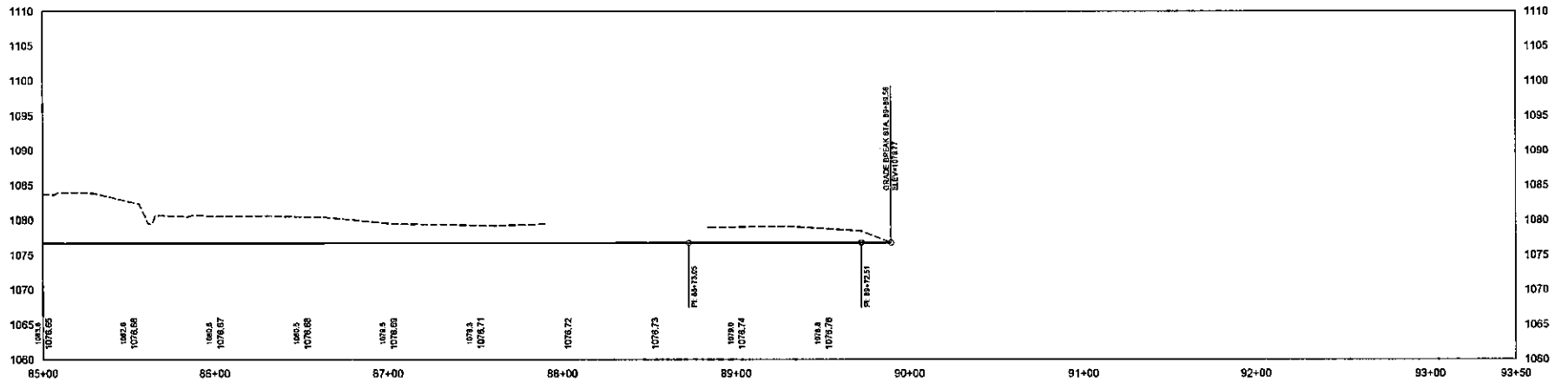
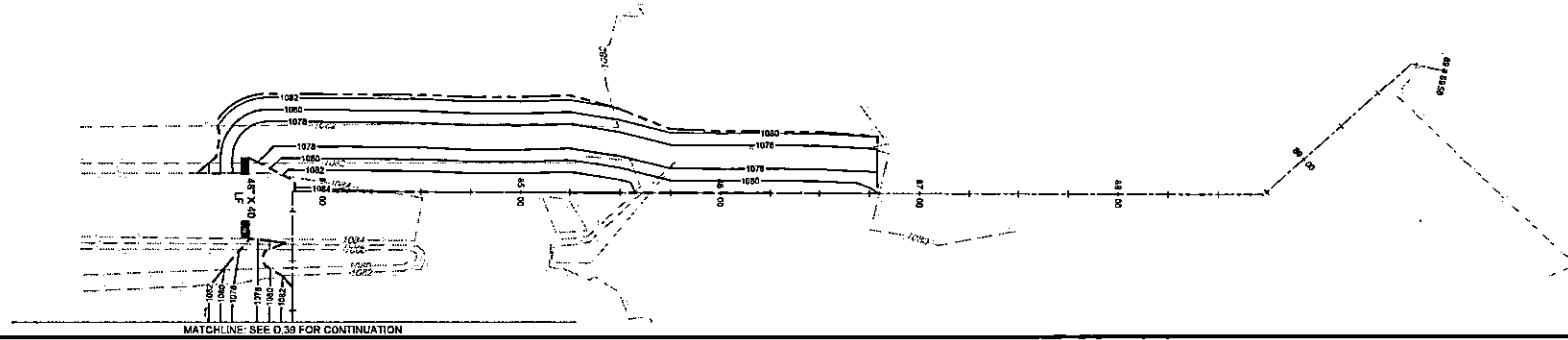
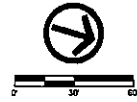
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-243-5055 • 712-243-5088 (FAX) • 817-241-0000 (WATS)

**LATERAL 1 - PLAN & PROFILE**

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| DWG. NO. | D.39 |
| PROJECT  | 1515 |

PLOTTED: Wednesday, September 13, 2023 8:52:31 AM

ASSETS: FILE PATH: \\VES\PROJECTS\BTH\ASSETS\WOODBURY\_COUNTY\11-BOX\_BUILD\_DRAINAGE\_DISTRICT\_CREATION\WOODBURY\PRO\DWG\WOODS13.DWG



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| DRAWN        | JWD        |
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| DATE         | 09-13-2023 |
| DESIGNED FOR | REPORT     |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

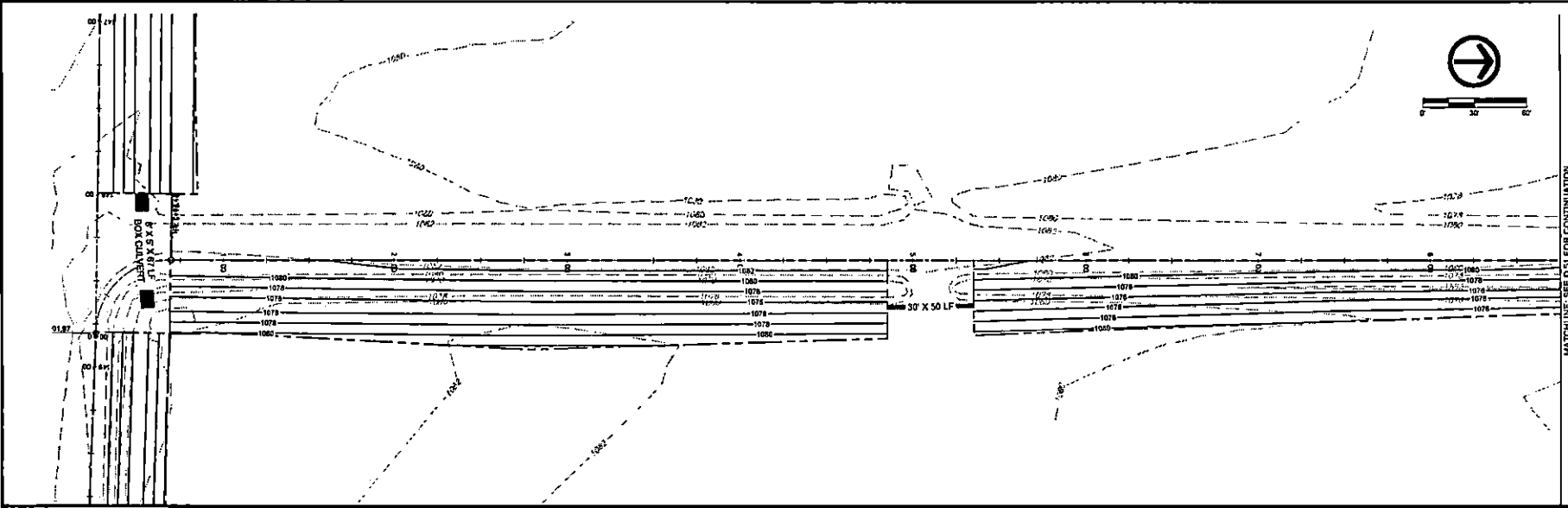
203 Sergeant Square Dr. • Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-5055 • 712-643-5085 (FAX) • 877-241-8009 (WATS)

**LATERAL 1 - PLAN & PROFILE**

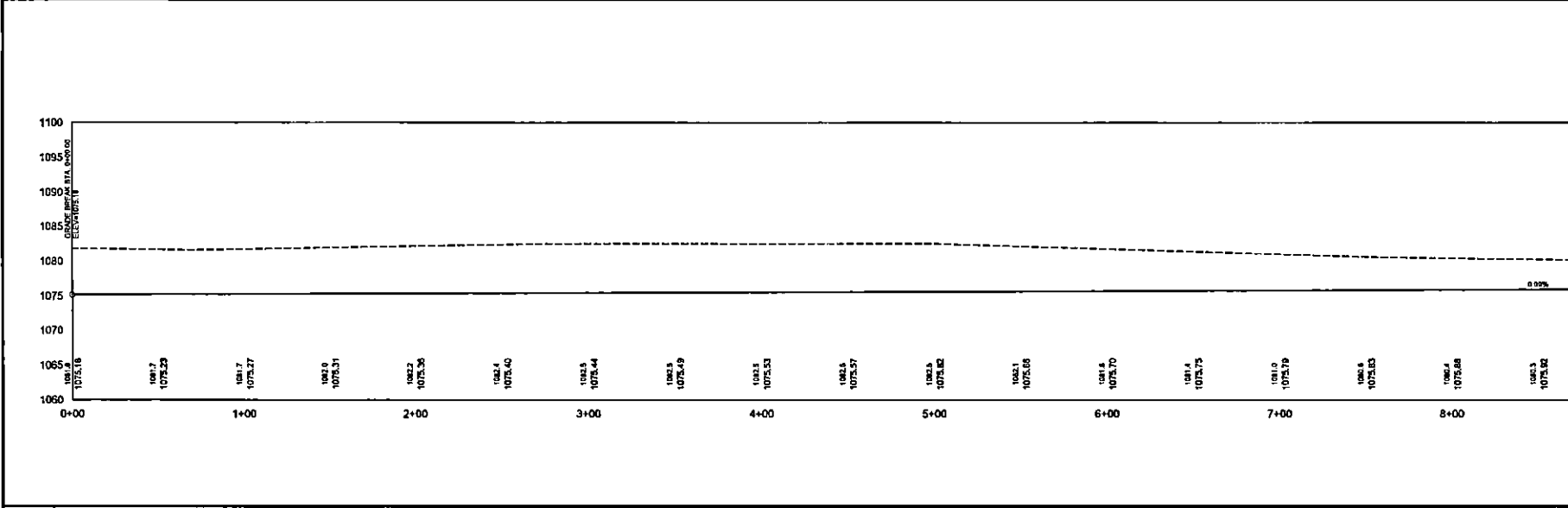
| DWG. NO. |
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| D.40     |
| PROJECT  |
| 15128    |

PLOTTED: Wednesday, September 11, 2013 8:58:16 AM

\\S:\PROJECTS\2012\20120911\WOODS\DRAINAGE\DISTRICT\_CREATE\TOPGROUN্ড\_PROFILES\WOODS.DWG



MATCHLINE SEE D31 FOR CONTINUATION



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| SCALE     | AS NOTED   |
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| APPROVED  | PER        |
| DATE      | 09-11-2013 |
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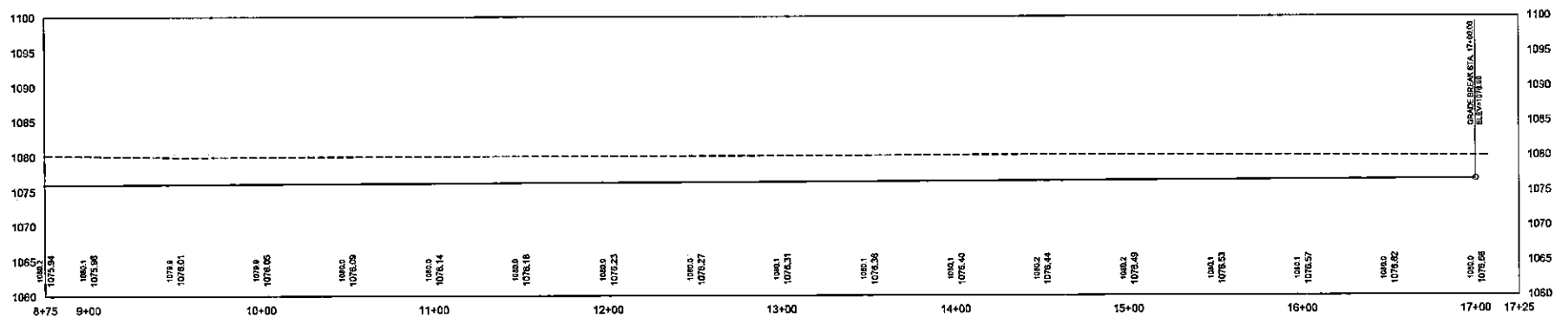
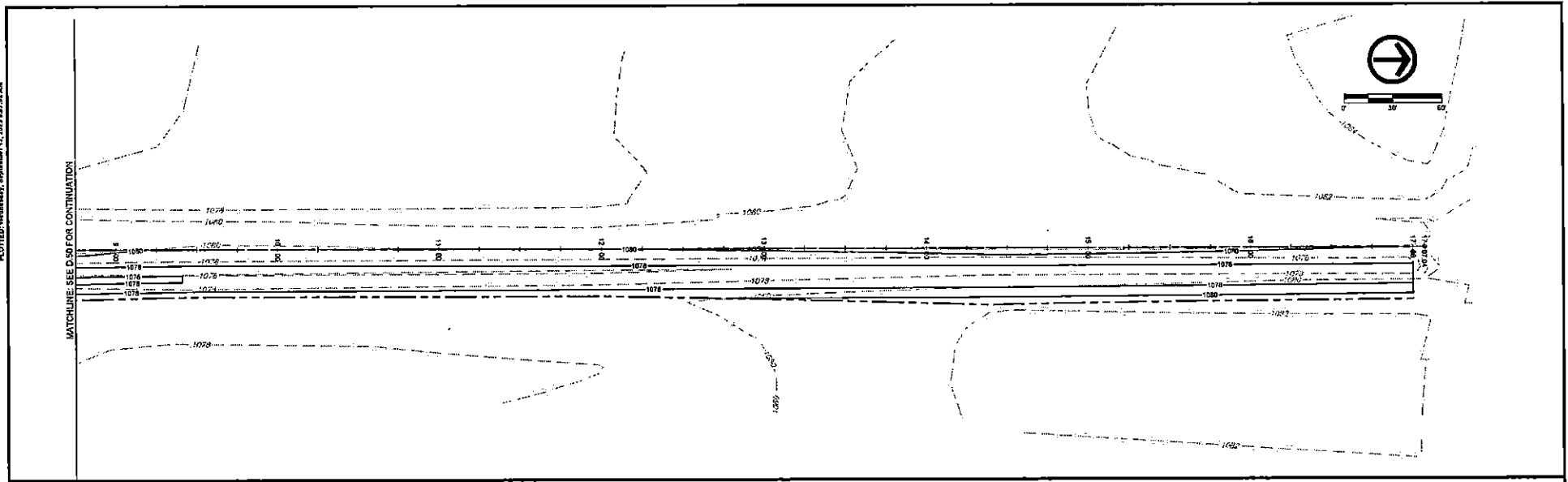
**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sergeant Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-0220  
 712-643-5053 • 712-643-5088(FAX) • 817-241-8009(WATS)

LATERAL 2 - PLAN & PROFILE

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| DWG. NO. | D.50  |
| PROJECT  | 15128 |

PLOTTED: Wednesday, September 11, 2008 8:27:31 AM

X-REF: FILE PATH: \\KIMM\F\PROJECTS\WOODBURY\_COURTNR\11-CETS\_SALIX\_DRAINAGE\_DISTRICT\_CREATION\DWG\PROFILES\DWG\1818.DWG



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**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

203 Sargeant Square Dr. - Suite B • Sargeant Bluff, Iowa 51554-0228  
 712-843-5055 • 712-443-5038 (FAX) • 877-241-5000 (WATS)

**LATERAL 2 - PLAN & PROFILE**

|          |      |
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| DWG. NO. | D.51 |
| PROJECT  | 1818 |



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**VEENSTRA & KIMM INC.**

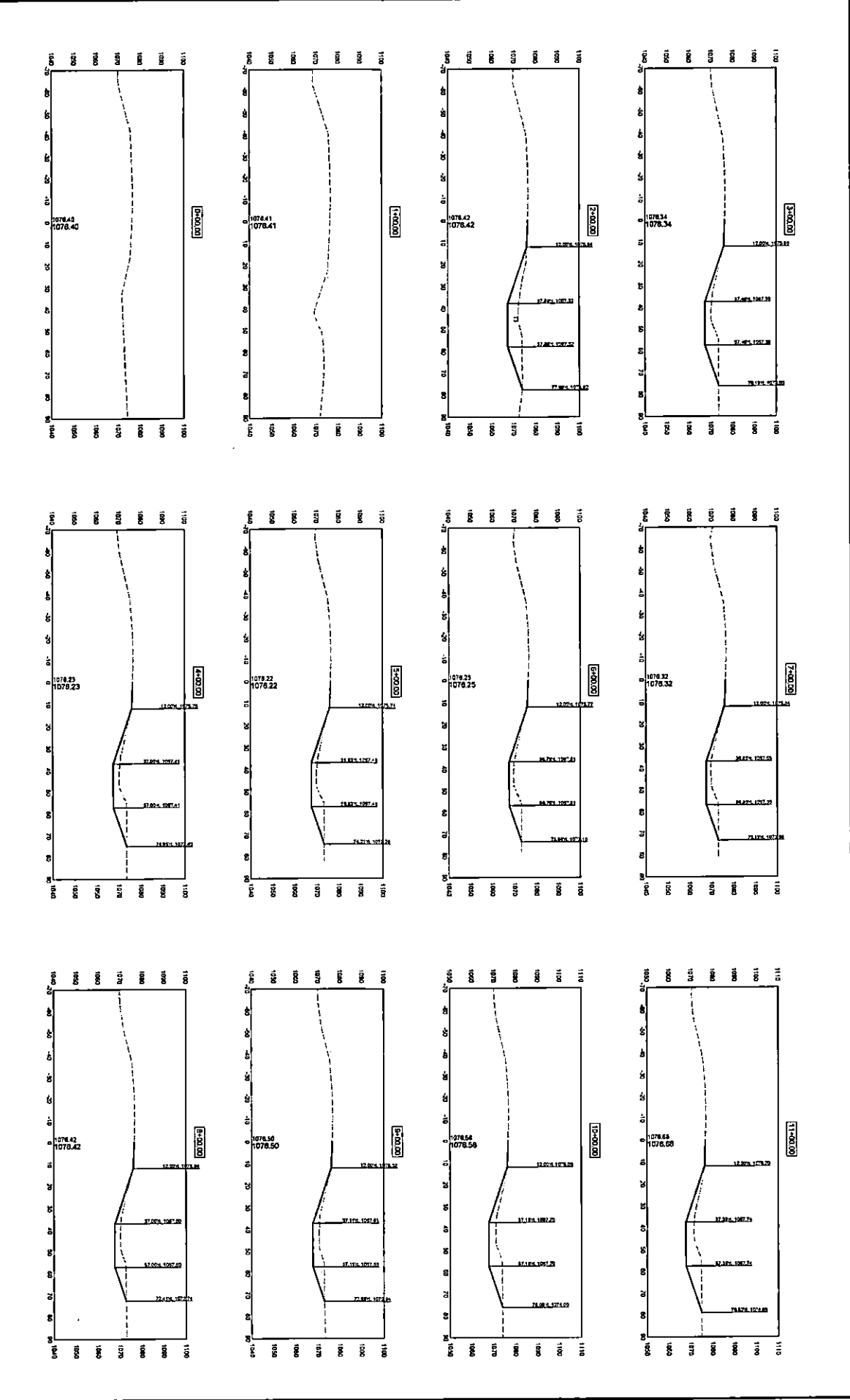
SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA

200 Seward Street, Des Moines, IA 50319  
712-265-5555 • 712-265-5555 • 877-241-8000 (WVNS)

**MAIN DITCH CROSS SECTIONS**

DWG. NO. **W/01**

PROJECT 15123




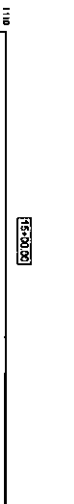
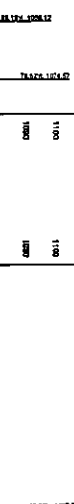
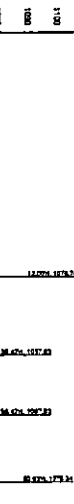
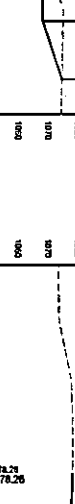
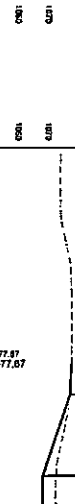
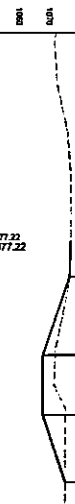
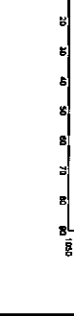
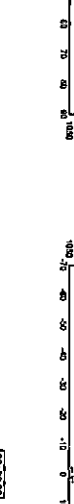
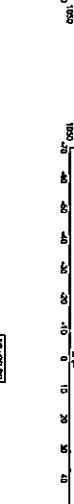
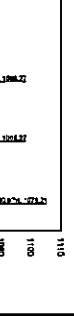
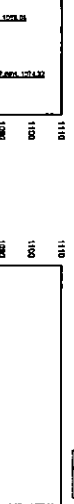
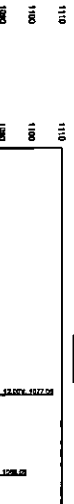
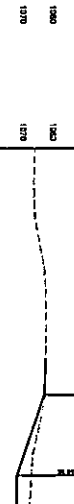
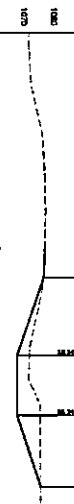
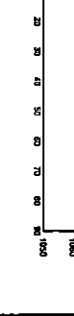
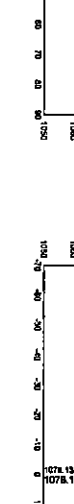
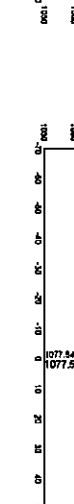
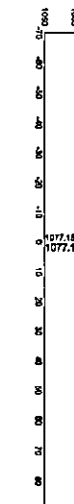
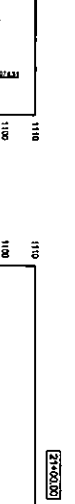
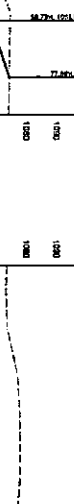
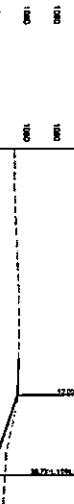
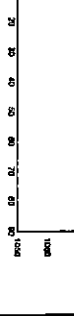
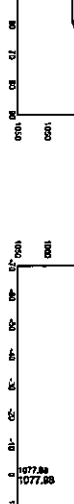
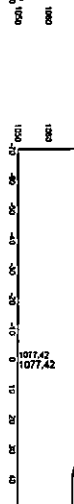
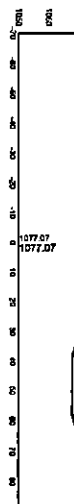
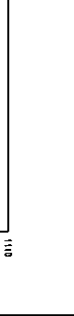
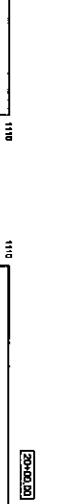
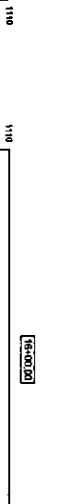
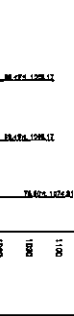
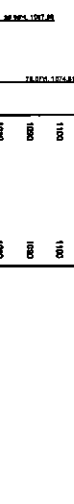
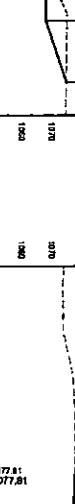
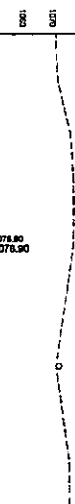
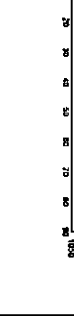
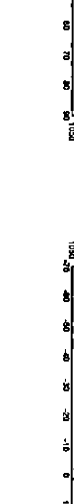
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| SCALE       | AS SHOWN |
| DATE        | 2023     |
| DESIGNED BY | JPM      |
| CHECKED BY  | JPM      |
| APPROVED BY | JPM      |
| DATE        | 08/23/23 |
| DRAWN BY    | JPM      |
| PROJECT NO. | 19128    |

|   |   |
|---|---|
|  | <b>VENNSTRA &amp; KIM INC.</b><br>200 Empowerment Dr., Suite B • Des Moines, IA 50314-0230<br>723-840-8897 • 723-840-8897 ext. • 515-281-0039 (fax) |
| <b>SALIX DRAINAGE DISTRICT</b><br><b>WOODBURY COUNTY, IOWA</b>                    |   |
| <b>MAIN DITCH CROSS SECTIONS</b>  |   |
| PROJECT   | WJ02  |
| DATE  | 08/23   |



| DATE | REVISIONS | DATE | BY | CHKD |
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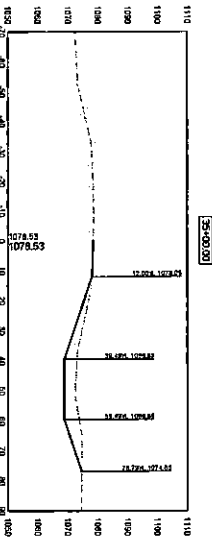
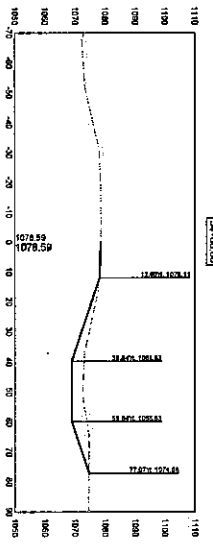
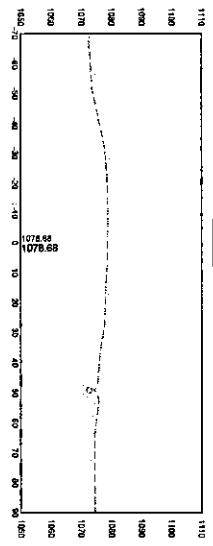
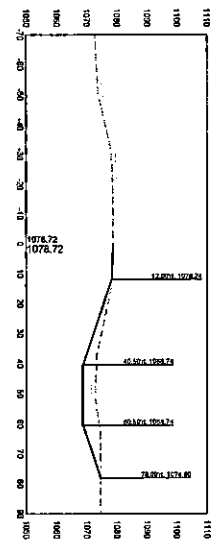
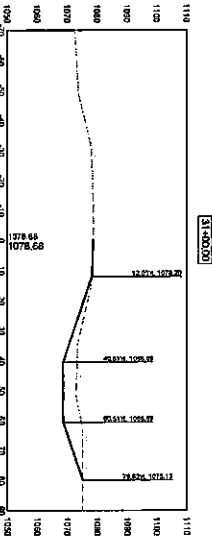
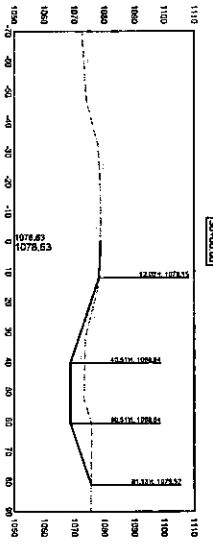
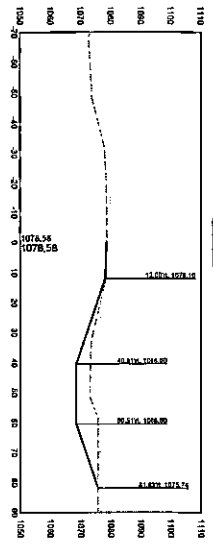
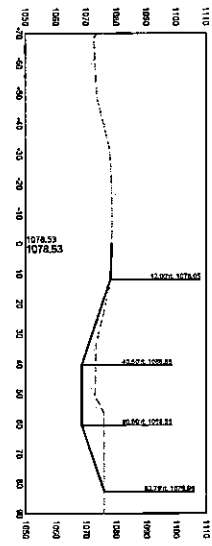
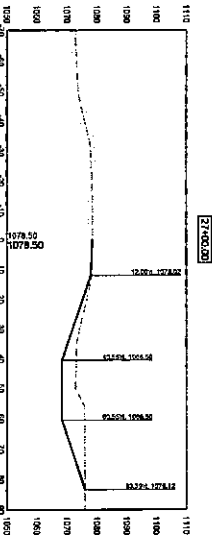
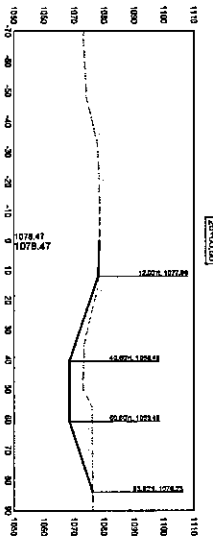
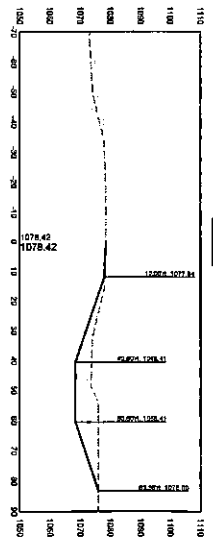
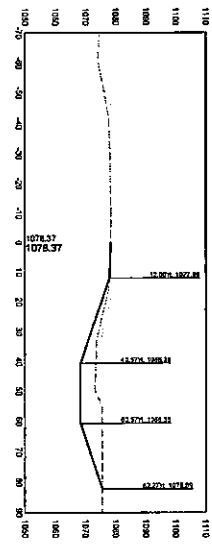


203 Sergeant Square Dr., Suite B • Sergeant Bluff, Iowa 51044-2720  
 712.644.5855 • 712.644.5857 (FAX) • 815.224.4400 (WEBSITE)

**SALIX DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA**

**MAIN DITCH CROSS SECTIONS**

DWG. NO. **W.03**  
 PROJECT 15112

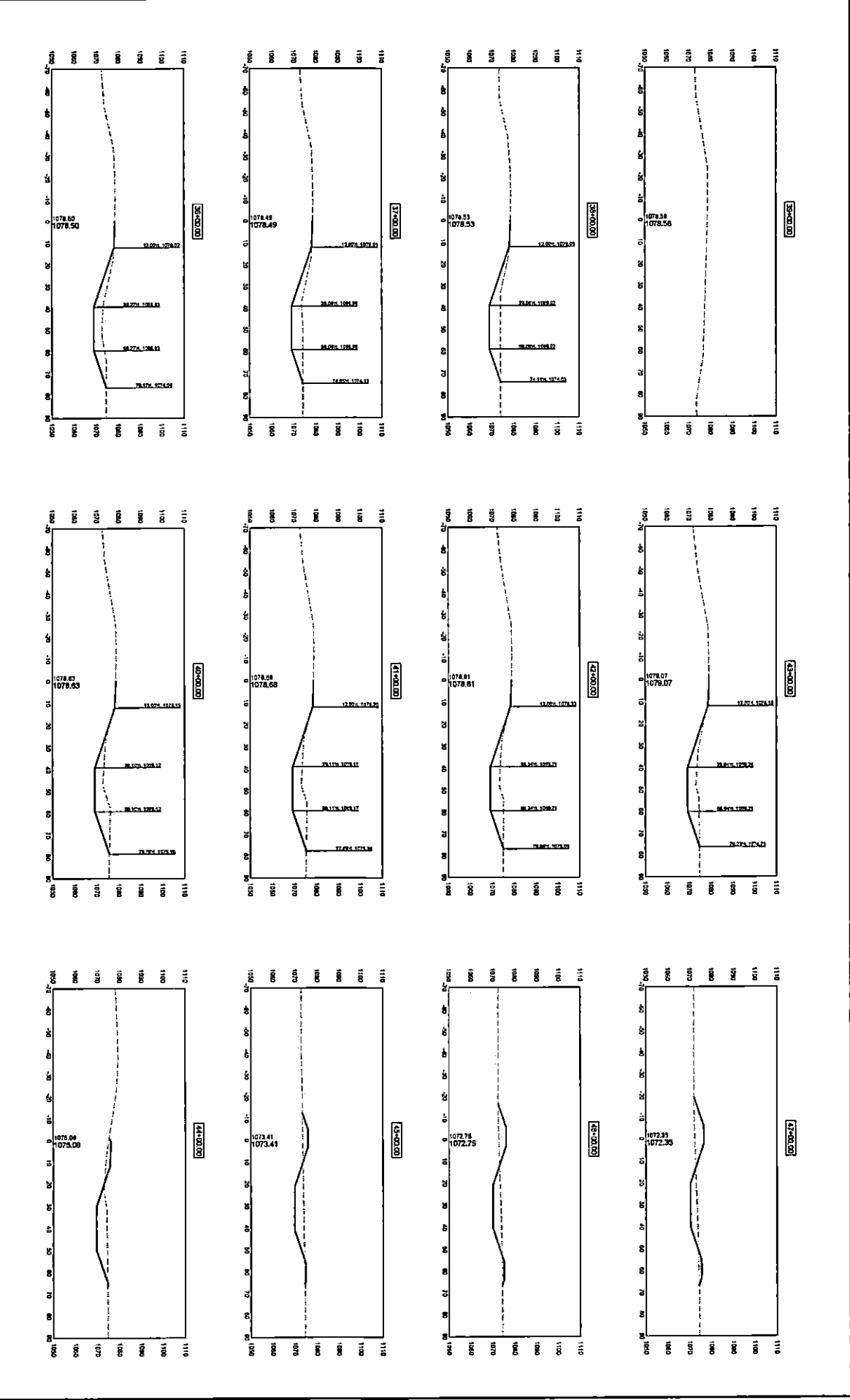


| DATE | REVISIONS | SCALE     | AS SHOWN |
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|      |           | APPROVED  |          |
|      |           | DESIGNED  |          |
|      |           | IN CHARGE |          |
|      |           | DRAWN     |          |



**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Campbell Square Dr., Suite B • Campbell, IA 51014-4210  
 712-242-5285 • 712-242-5286 FAX • 817-241-4000 (TOLL FREE)

**MAIN DITCH CROSS SECTIONS**  
 DWG. NO. **W.04**  
 PROJECT 3113





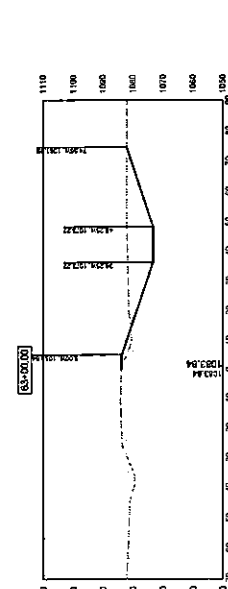
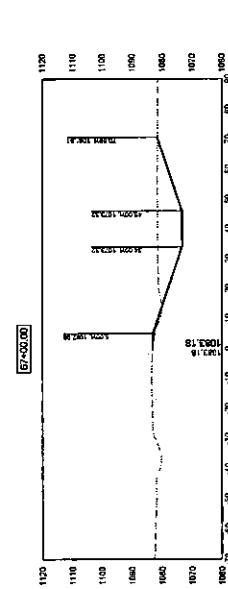
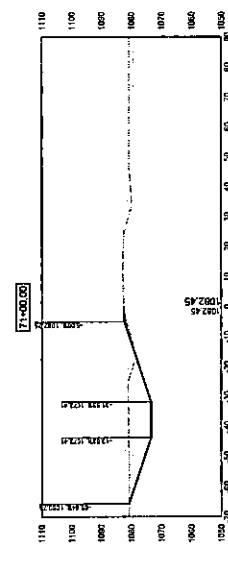
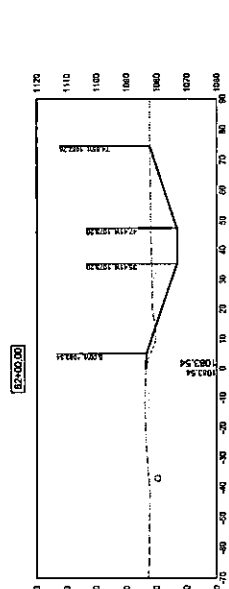
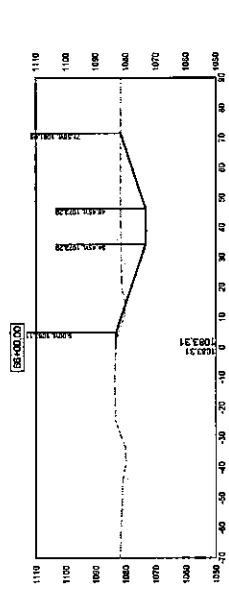
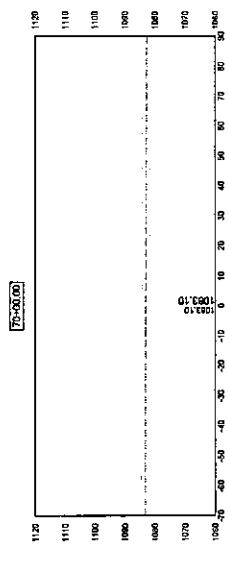
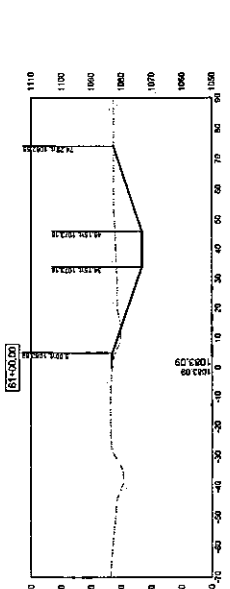
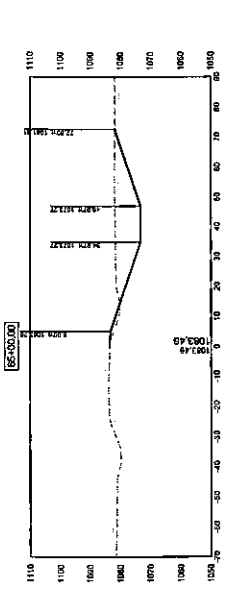
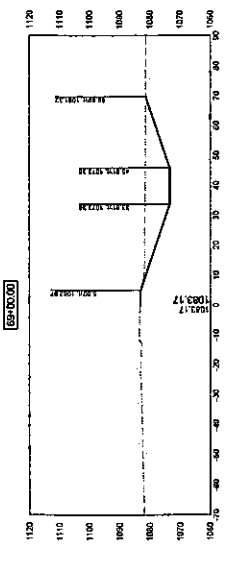
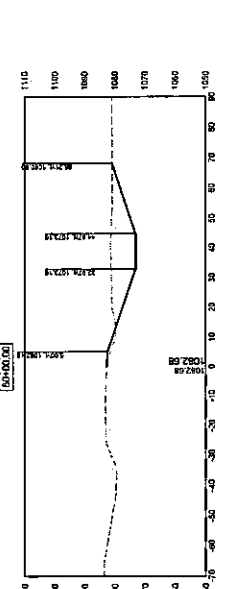
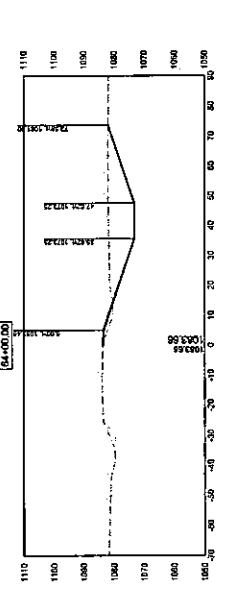
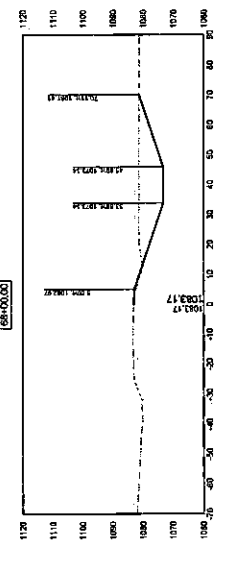
MAIN DITCH CROSS SECTIONS

SALIX DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA

203 Sargent Square Dr. - Suite B • Sergeant Bluff, Iowa 51054-2220  
 712-244-5455 • 712-244-5888(PAX) • 817-241-6289(EXT)



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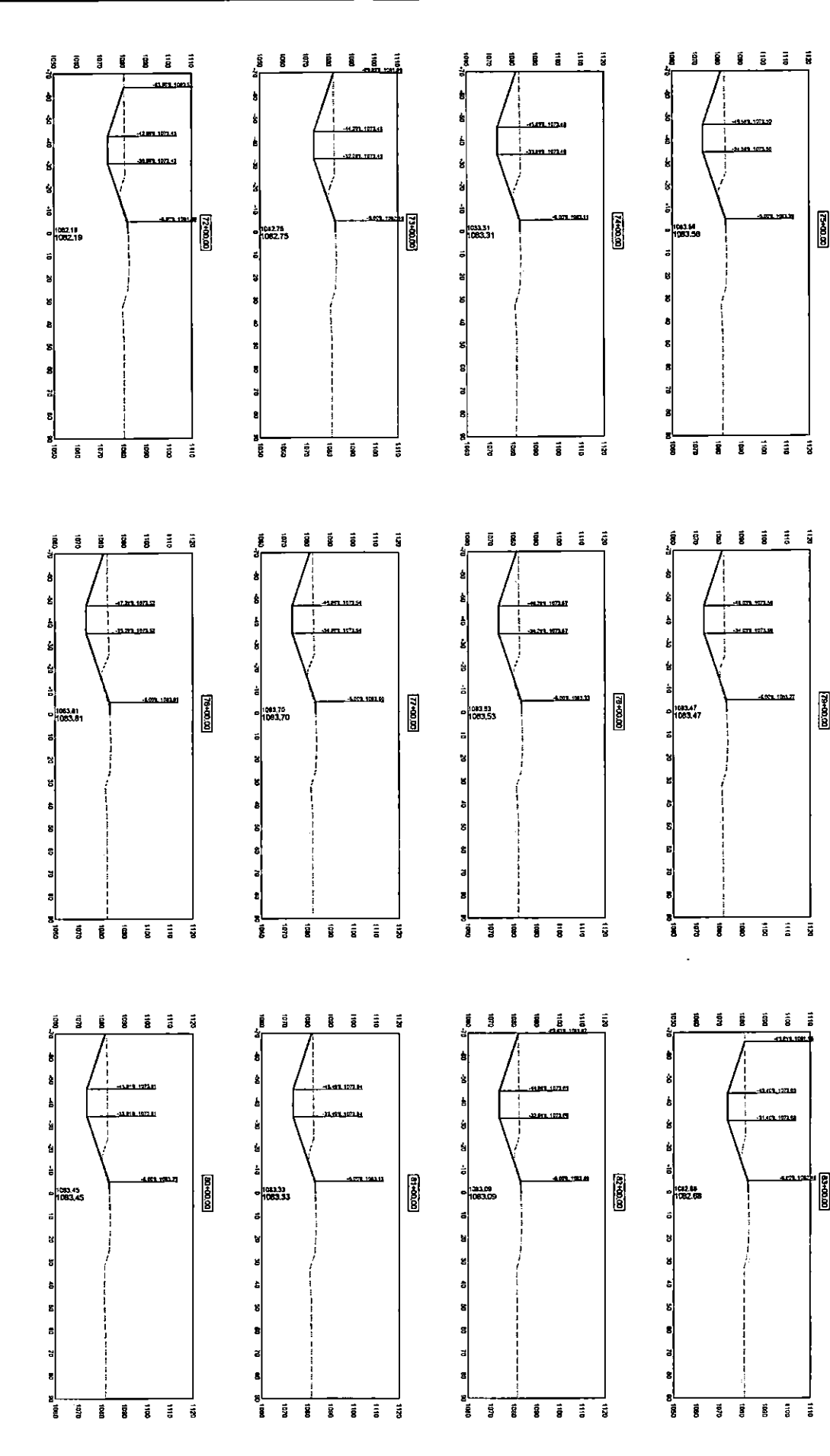


**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**

200 S Argonaut Street Dr., Suite 5 • Argonaut, Iowa 51004-0230  
 715-846-6655 • 715-846-6670 • 817-241-2000 (IWI)

**MAIN DITCH CROSS SECTIONS**

DWG. NO. **W.07**  
 PROJECT 11116

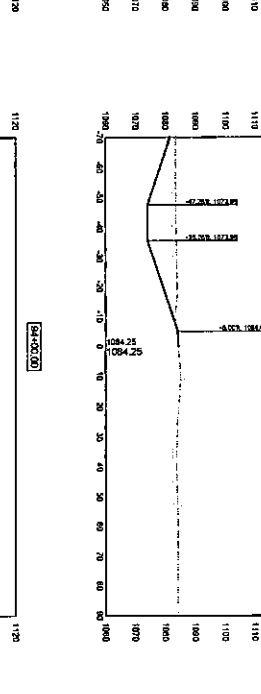
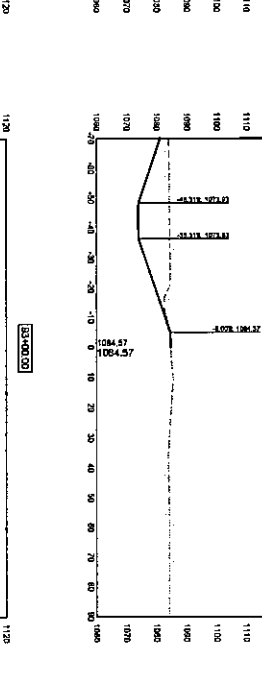
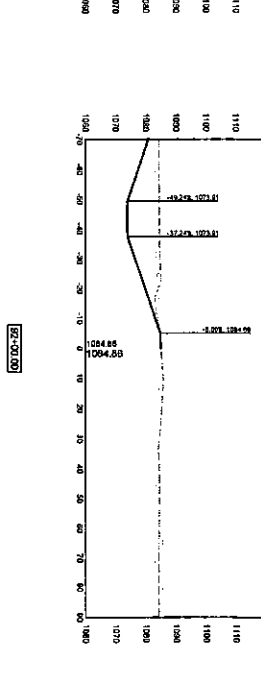
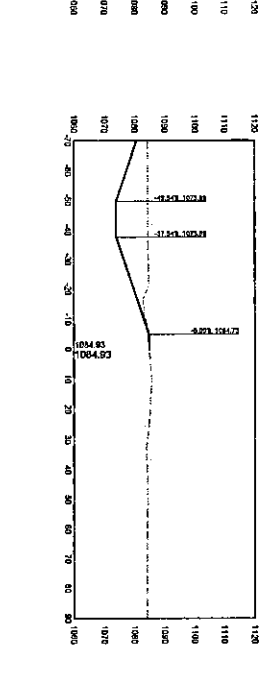
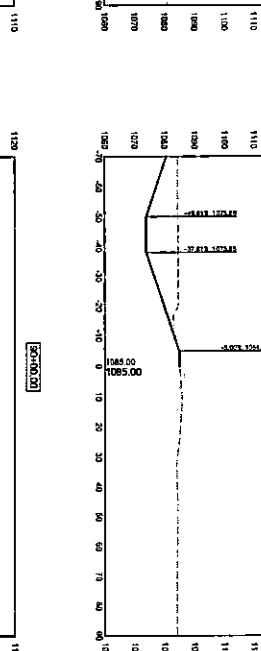
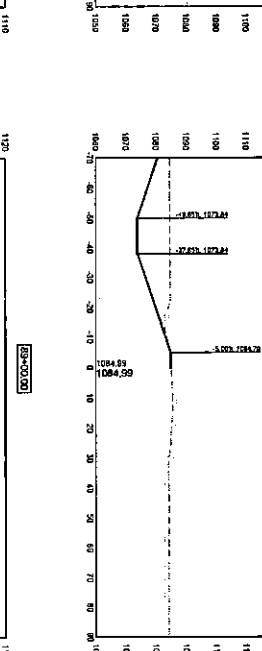
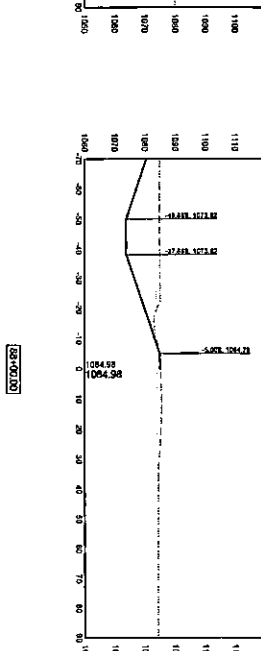
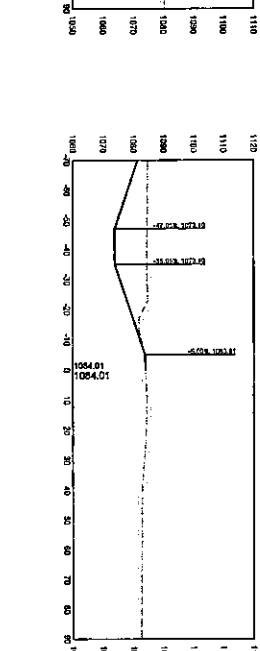
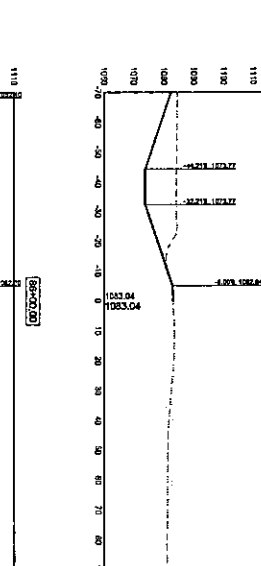
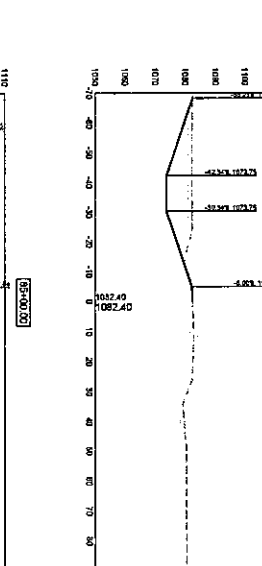
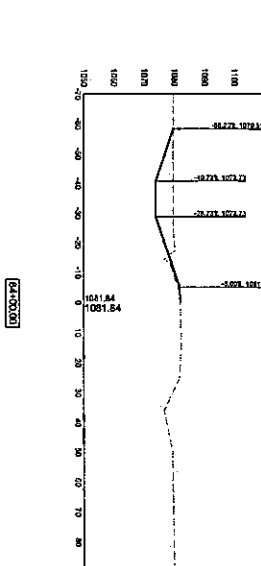
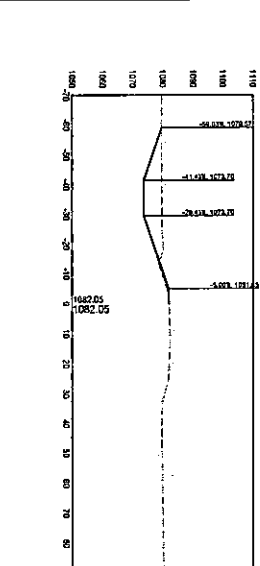


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**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Sycamore Square Dr., Suite B • Simpsonville, Iowa 50242-2231  
 712-648-5825 • 712-644-5881 (Fax) • 817-254-4800 (Mobile)

**MAIN DITCH CROSS SECTIONS**  
 DWG. NO. **W.08**  
 PROJECT: 3113



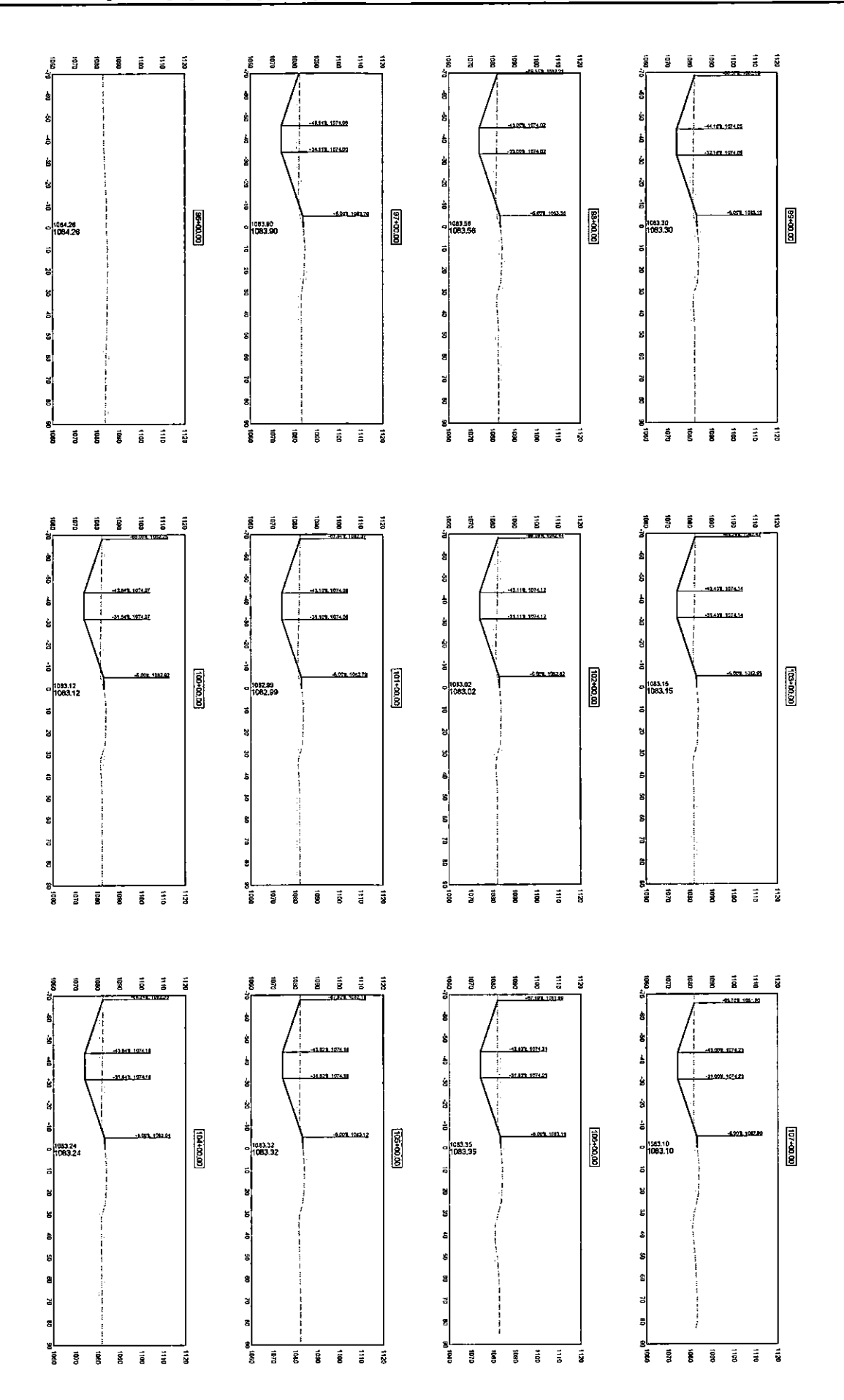


| DATE | REVISIONS | SCALE | DATE | BY | CHK |
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**SALIX DRAINAGE DISTRICT**  
**WOODBURY COUNTY, IOWA**  
 203 Seward Square Dr., Salix B • Seward Blvd, Iowa 51044-0720  
 712-648-5005 • 712-648-5007 (FAX) • 817-224-4800 (MOBILE)

**MAIN DITCH CROSS SECTIONS**  
 DWG. NO. **W.09**  
 PROJECT **4118**

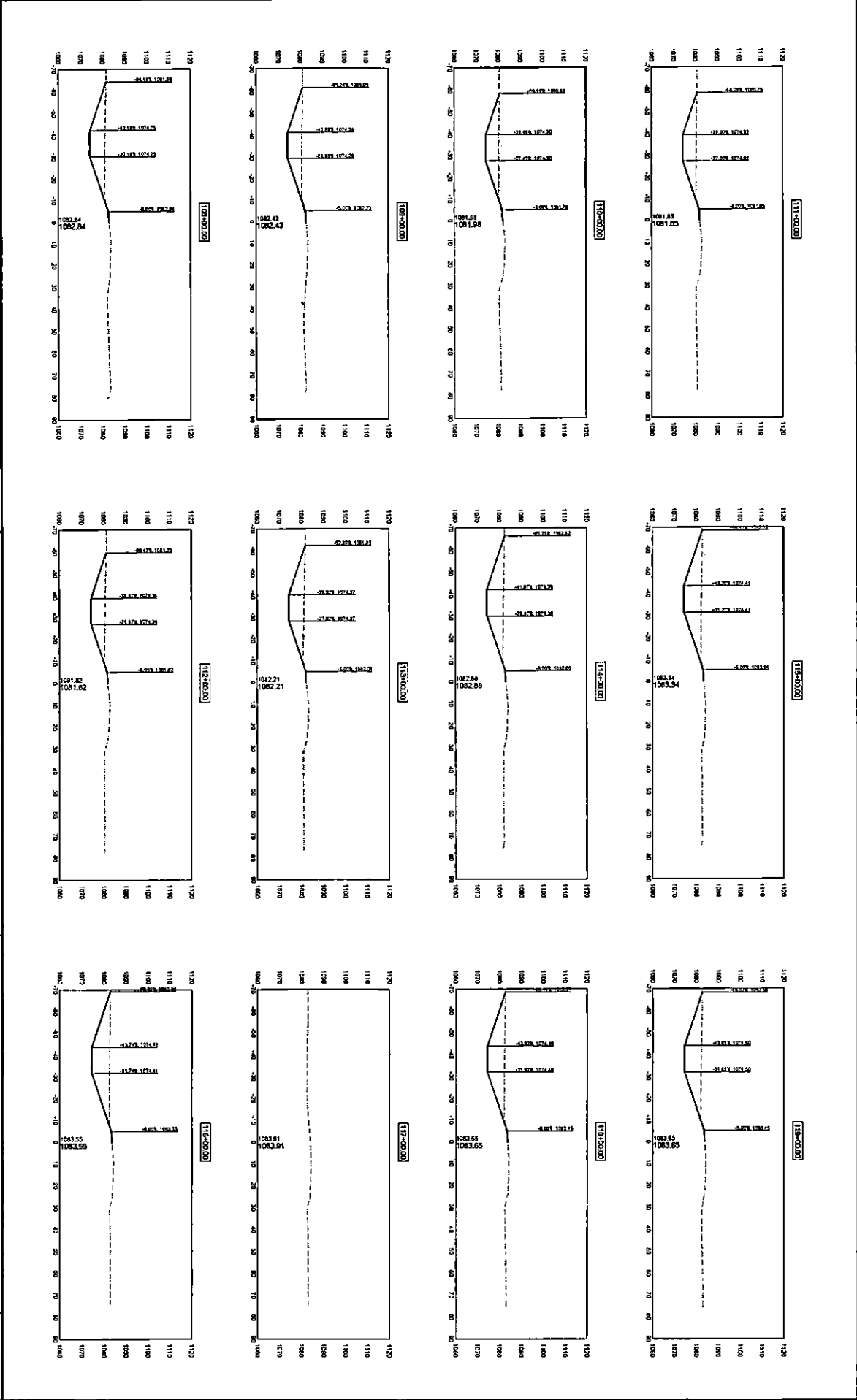


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SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA  
203 Delaware County Dr., Salix, IA • Delaware County, Iowa 51024-2020  
715-495-5355 • 715-495-5357 • 817-241-1500 (IOWA)

MAIN DITCH CROSS SECTIONS  
PROJECT W-10  
DATE 11/18

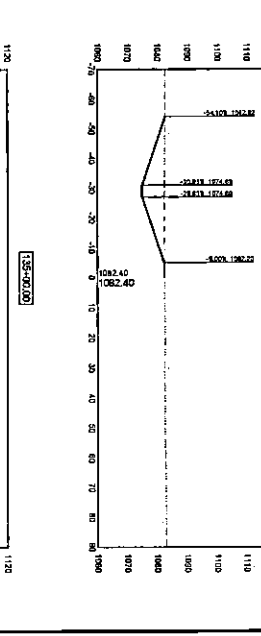
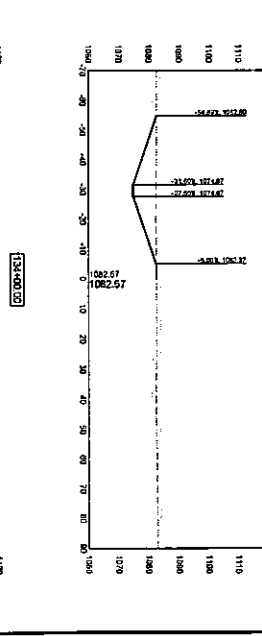
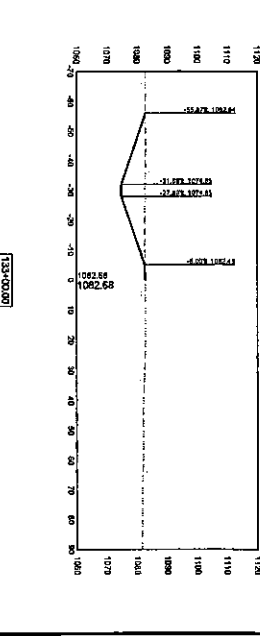
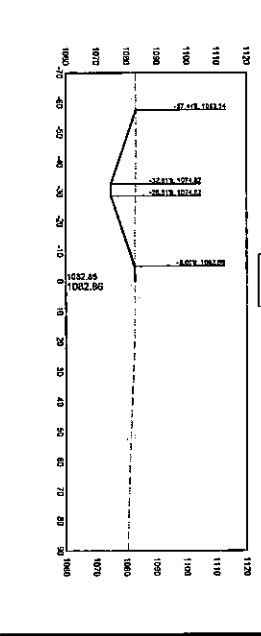
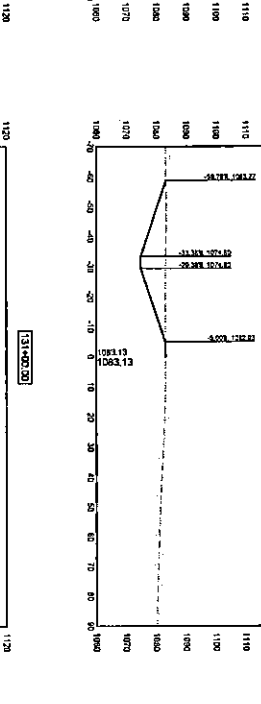
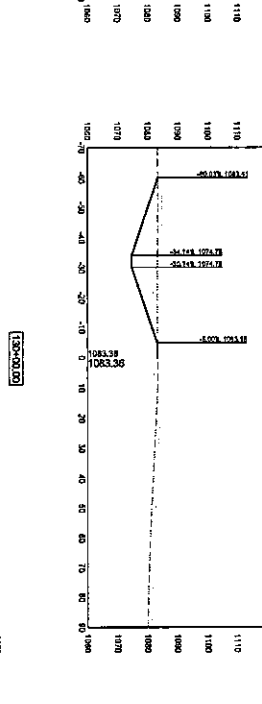
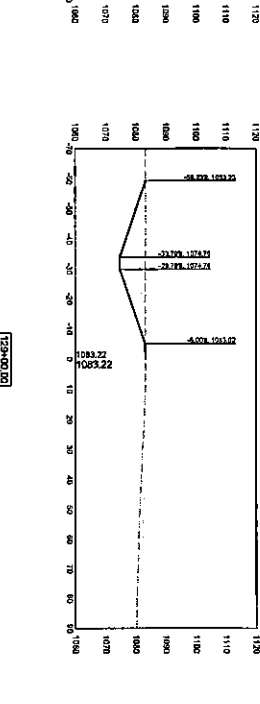
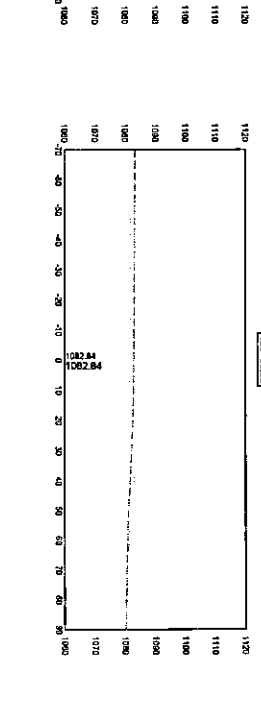
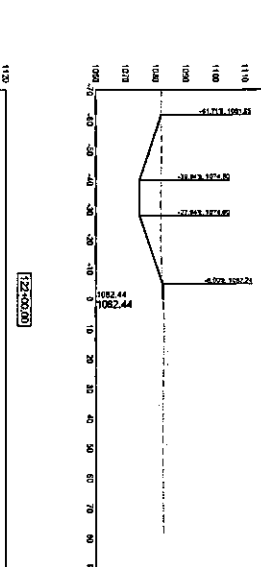
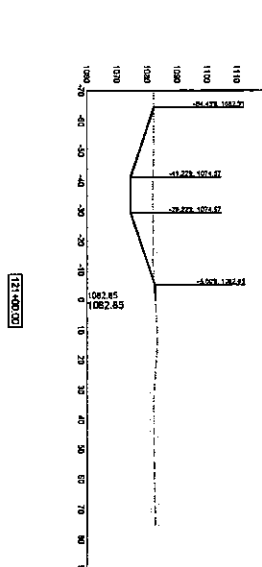
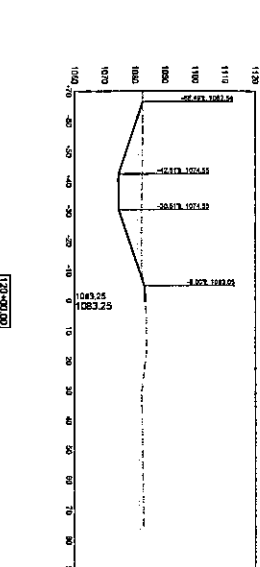
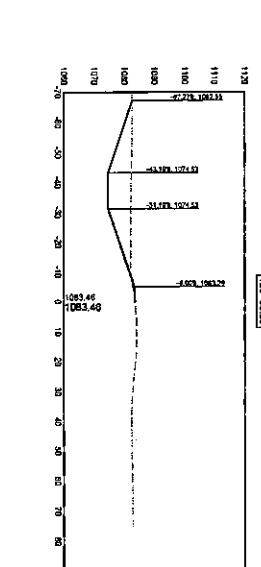


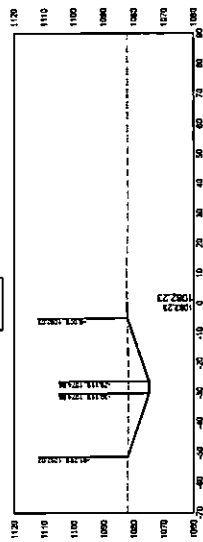
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|           | 448.1 | 448.1 |



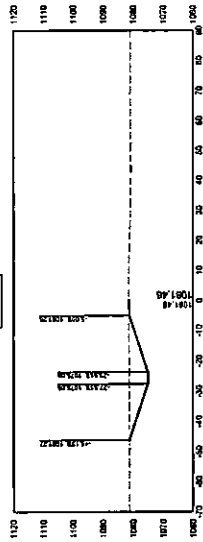
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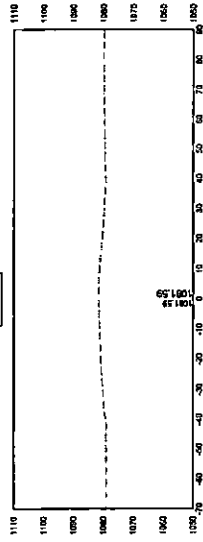




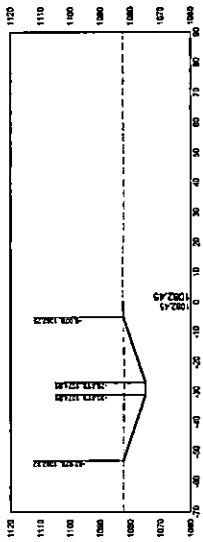
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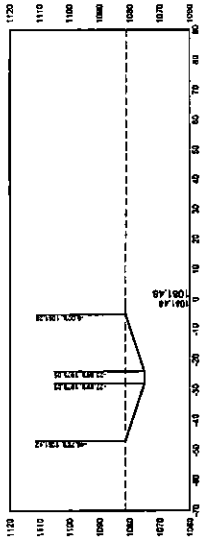
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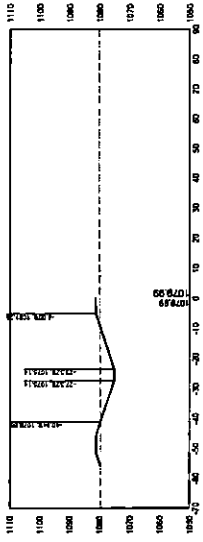
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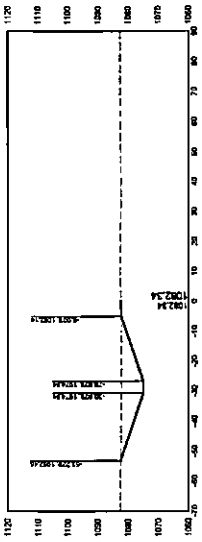
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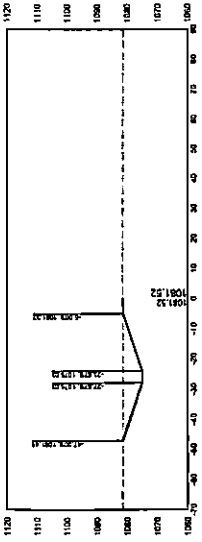
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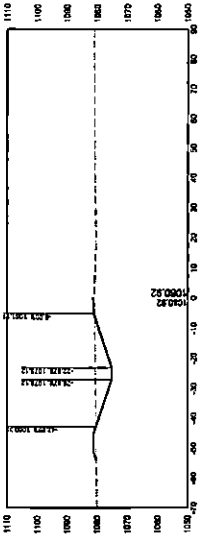
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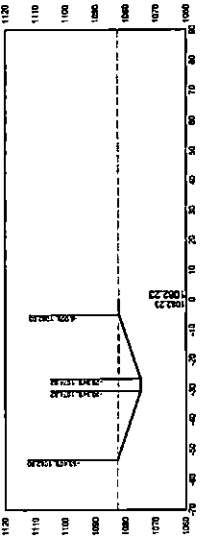
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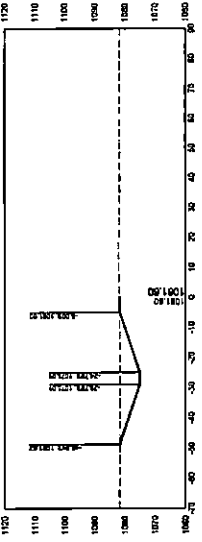
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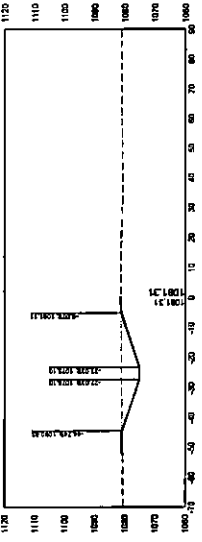
1:48'±(0.00)



1:57'±(0.00)



1:51'±(0.00)



1:57'±(0.00)

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VEENSTRA & KIMM INC.  
 203 Raymond Square Dr., Suite B • Burlington, Iowa 51004-0020  
 712-343-5255 • 712-343-5060(FAX) • 872-51-5000(MOBS)

SALIX DRAINAGE DISTRICT  
 WOODBOURNE COUNTY, IOWA

PROJECT: W.12  
 DWG. NO. 1312

| REVISIONS |  | DATE | BY | CHKD | APP'D |
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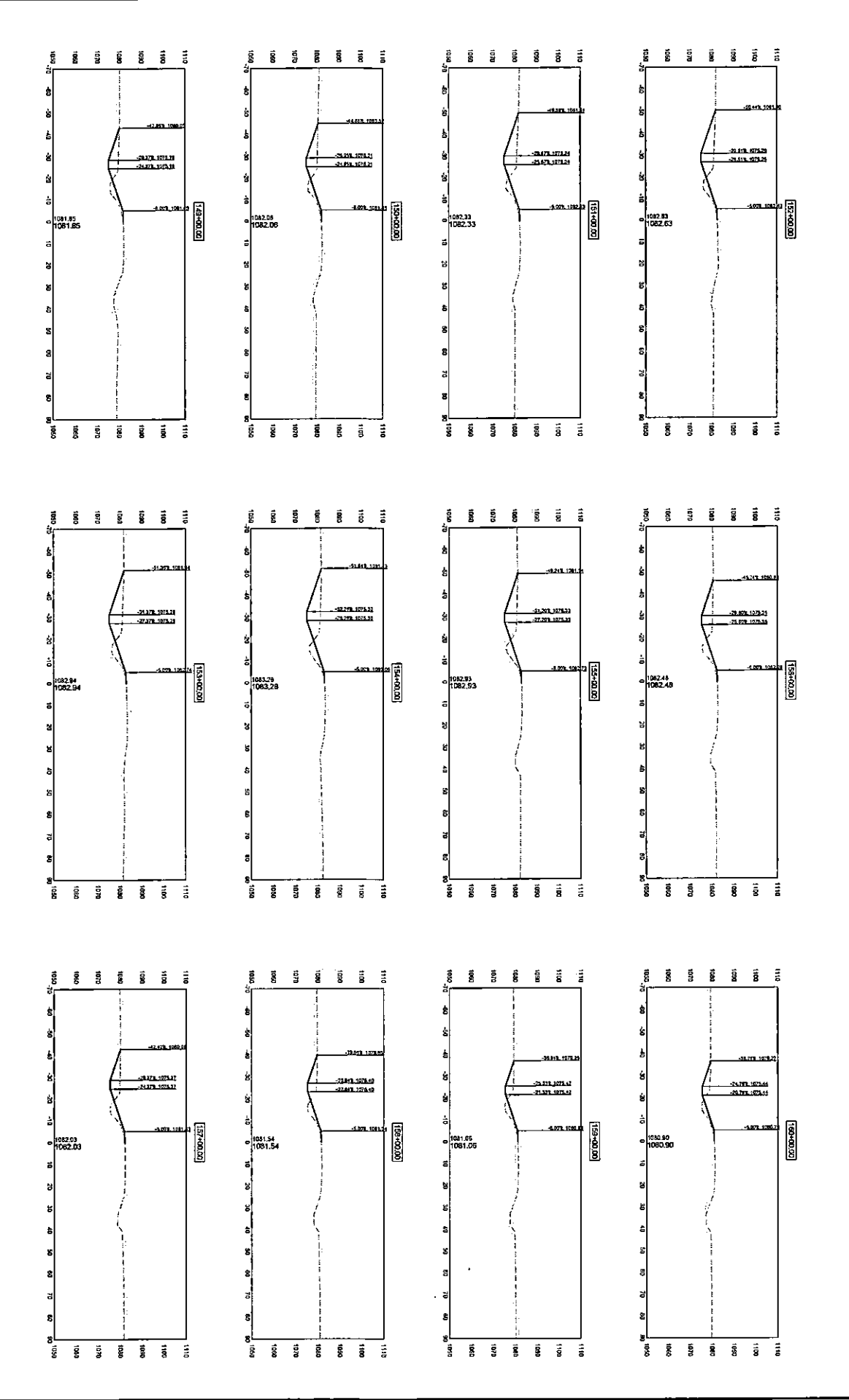
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| PROJECT NO. | W/13 |
| DATE        |      |
| DRAWN BY    |      |
| CHECKED BY  |      |
| IN CHARGE   |      |
| SCALE       |      |
| PROJECT     |      |
| DATE        |      |
| BY          |      |
| CHKD        |      |
| APP'D       |      |
| DATE        |      |
| BY          |      |
| CHKD        |      |
| APP'D       |      |

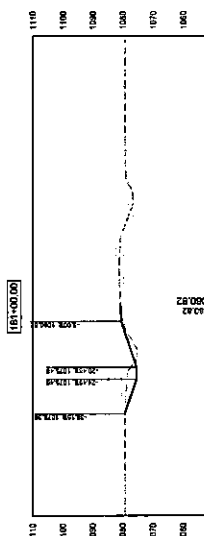
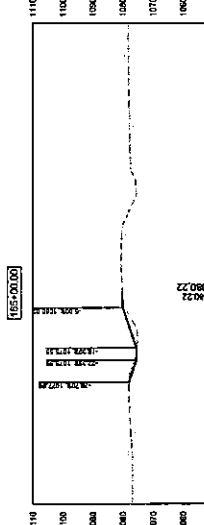
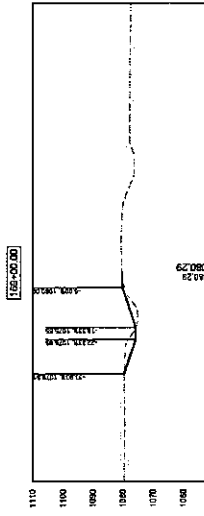
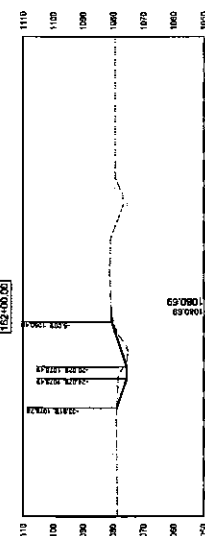
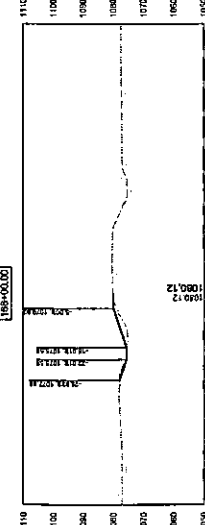
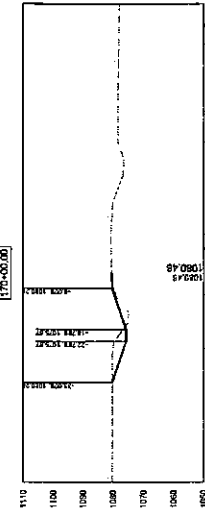
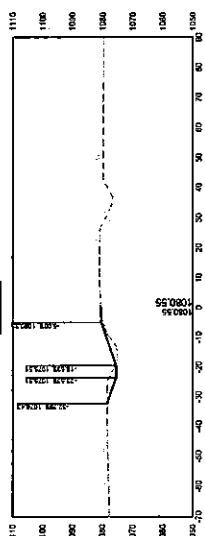
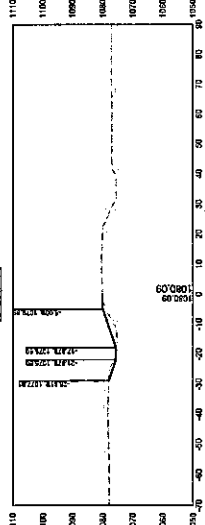
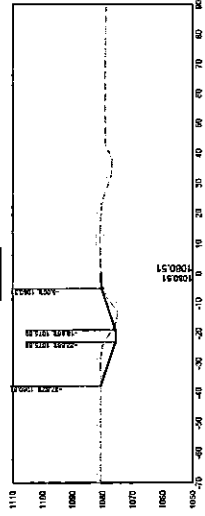
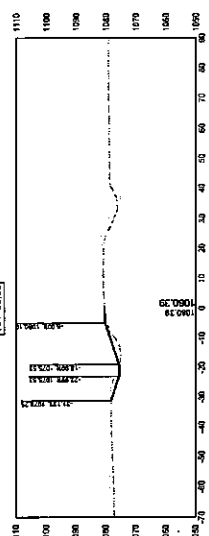
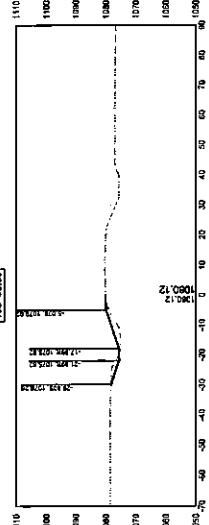
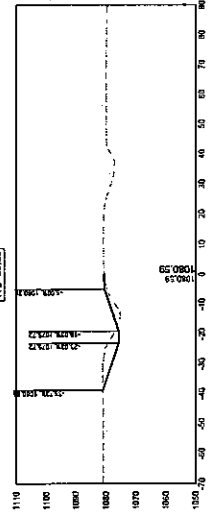
  

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| <b>SALEX DRAINAGE DISTRICT</b><br><b>WOODSBURY COUNTY, IOWA</b>   |  |
| 203 Sargents Square Dr., Sallax, IA • Sargent Bluff, Iowa 51044-0276<br>712-348-5555 • 712-348-5557 • 817-241-8889 (TX) |  |

|                                  |  |
|----------------------------------|--|
| <b>MAIN DITCH CROSS SECTIONS</b> |  |
| PROJECT 33113                    |  |





| REVISIONS |             | SCALE | DATE |
|-----------|-------------|-------|------|
| NO.       | DESCRIPTION |       |      |

| APPROVALS |    |
|-----------|----|
| DATE      | BY |
| DATE      | BY |

**VEENSTRA & KIMM, INC.**

SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA

PROJECT: MAIN DITCH CROSS SECTIONS

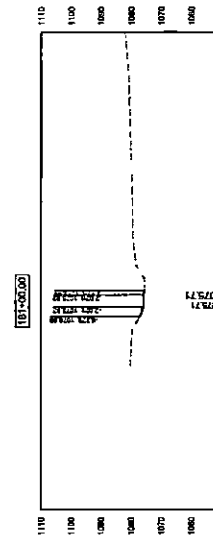
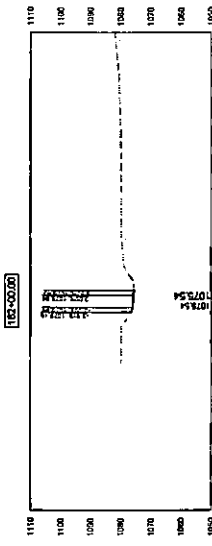
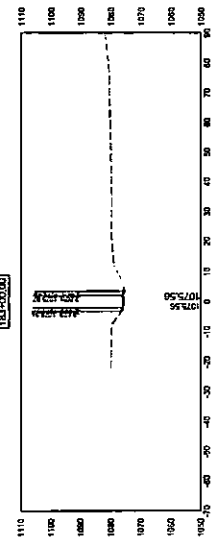
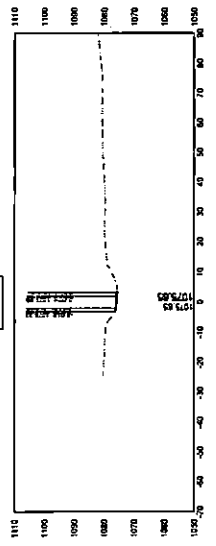
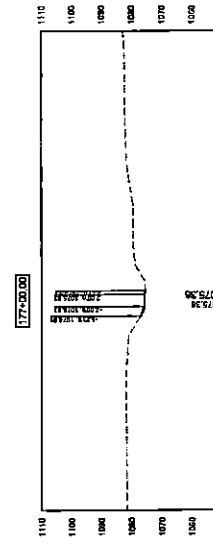
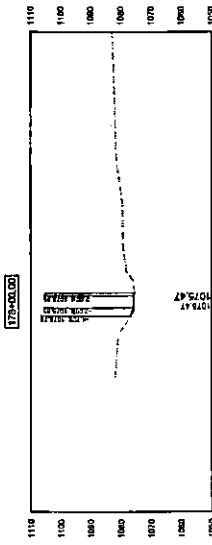
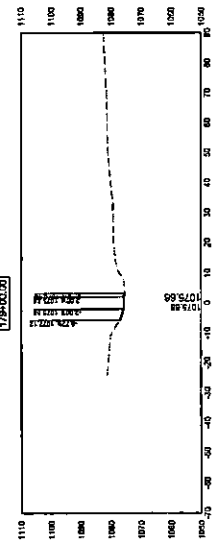
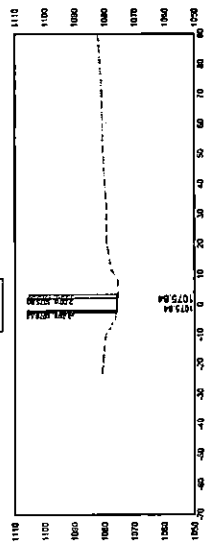
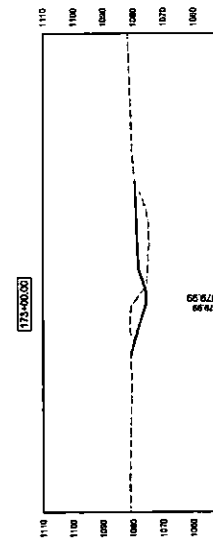
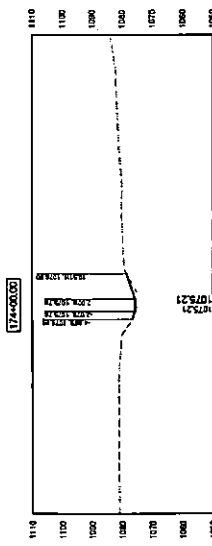
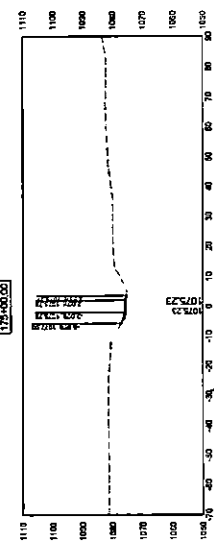
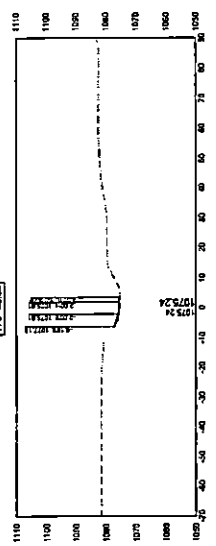
DWG. NO.: W.14

303 Sargent Street Dr. - Suite B • Sargent Bluff, Iowa 51054-0220  
715-583-8655 • 715-583-8889 fax • 877-241-5889 (MTS)

DATE: 11/23/2011

PROJECT: WOODBURY COUNTY

DESIGNED BY: J. H. KIMM



| DATE | REVISIONS | SCALE | APPROVED |
|------|-----------|-------|----------|
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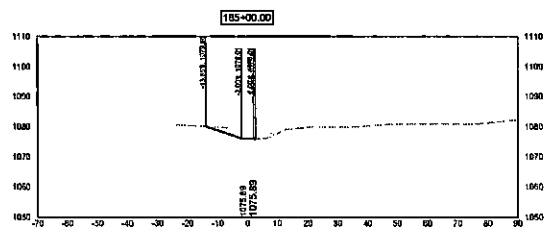
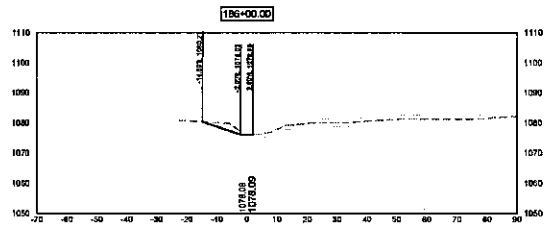


**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**  
303 Sergeant Evans Dr. • Suite B • Sergeant Bluff, Iowa 51054-8228  
712-843-8023 • 712-843-8888 (fax) • 872-21-8000 (cell)

**ENGINE NO. W.15**  
**PRODUCT MAIN DITCH CROSS SECTIONS**

PLOTTED: Wednesday, September 03, 2025 11:34 AM

X-REFS: 1118 VARIOUS GRADE PROFILES  
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| DATE | REVISIONS | SCALE      | RENOTED    |
|------|-----------|------------|------------|
|      |           | AS SHOWN   |            |
|      |           | DRAWN      | JMO        |
|      |           | CHECKED    | PER        |
|      |           | APPROVED   | PER        |
|      |           | DATE       | 09-12-2025 |
|      |           | DRAWN P.O. | REPORT     |



SALIX DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA

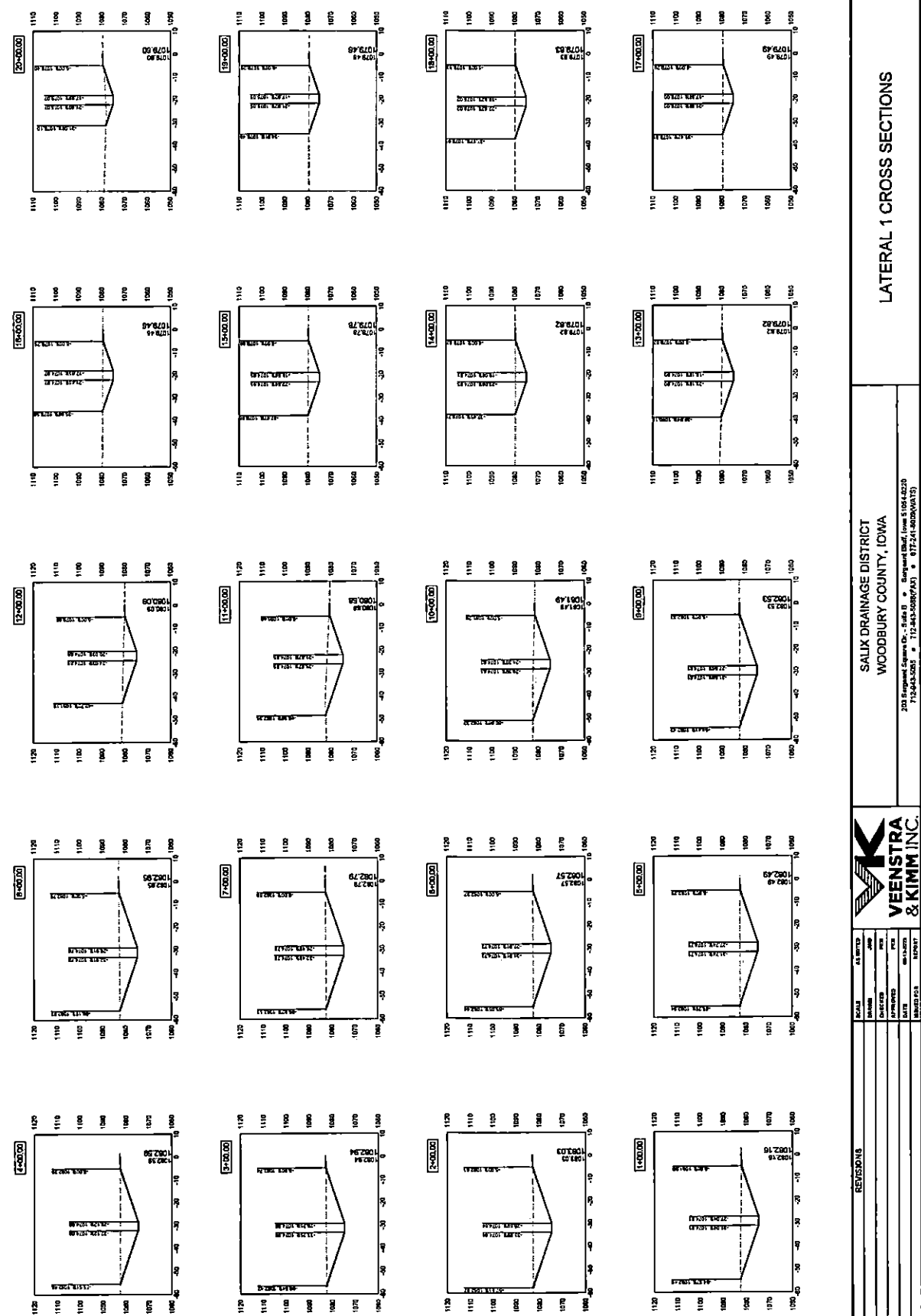
203 Sergeant Square Dr. • State B • Sergeant Bluff, Iowa 51054-0220  
 712-943-5855 • 712-943-5869 (FAX) • 877-241-8009 (NAT'L)

MAIN DITCH CROSS SECTIONS

| DWG. NO. |
|----------|
| W.16     |
| PROJECT  |

15125





VEENSTRA & KIMM INC.  
 203 S. Grand Street, Suite B • Burlington, Iowa 51004-2020  
 712-343-5000 • 712-343-5000 FAX • 872-241-8000 (TDD)

SALIX DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA

DATE: 11/15/2016 10:50 AM  
 PROJECT: LATERAL 1 CROSS SECTIONS  
 DRAWING NO.: W.20  
 SHEET NO.: 1122



| REVISIONS |  |
|-----------|--|
| DATE      |  |
|           |  |
|           |  |

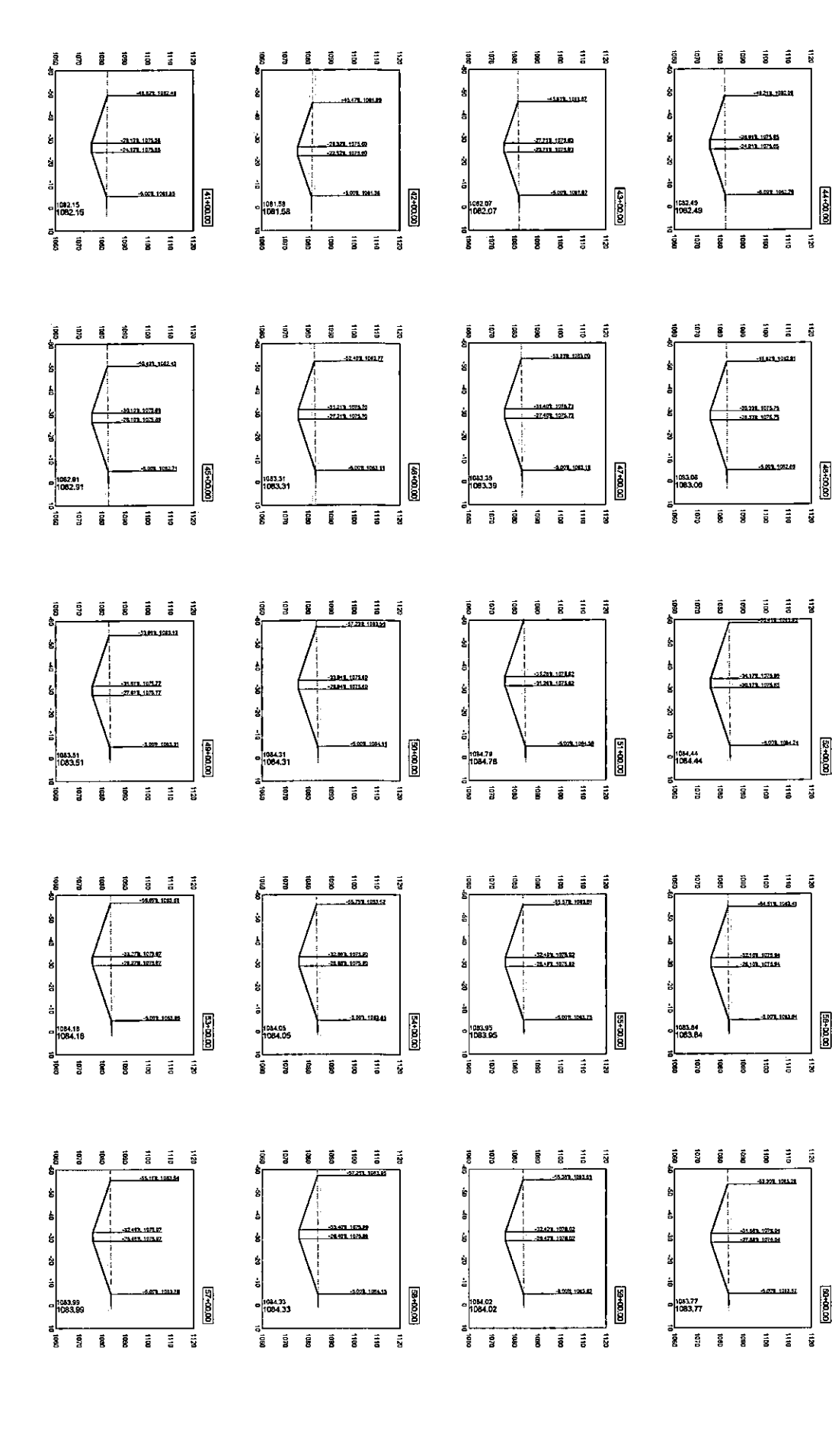
**VEENSTRA & KIMM INC.**

203 Sycamore Grove Dr., Suite B • Simpsonville, MO 65758  
 716.248.5255 • 716.248.5253 • 817.241.4822(VA)213

**SALIX DRAINAGE DISTRICT  
WOODBURY COUNTY, IOWA**

**LATERAL 1 CROSS SECTIONS**

DATE: 11/15/11  
 DRAWN BY: W.22  
 PROJECT: 111512

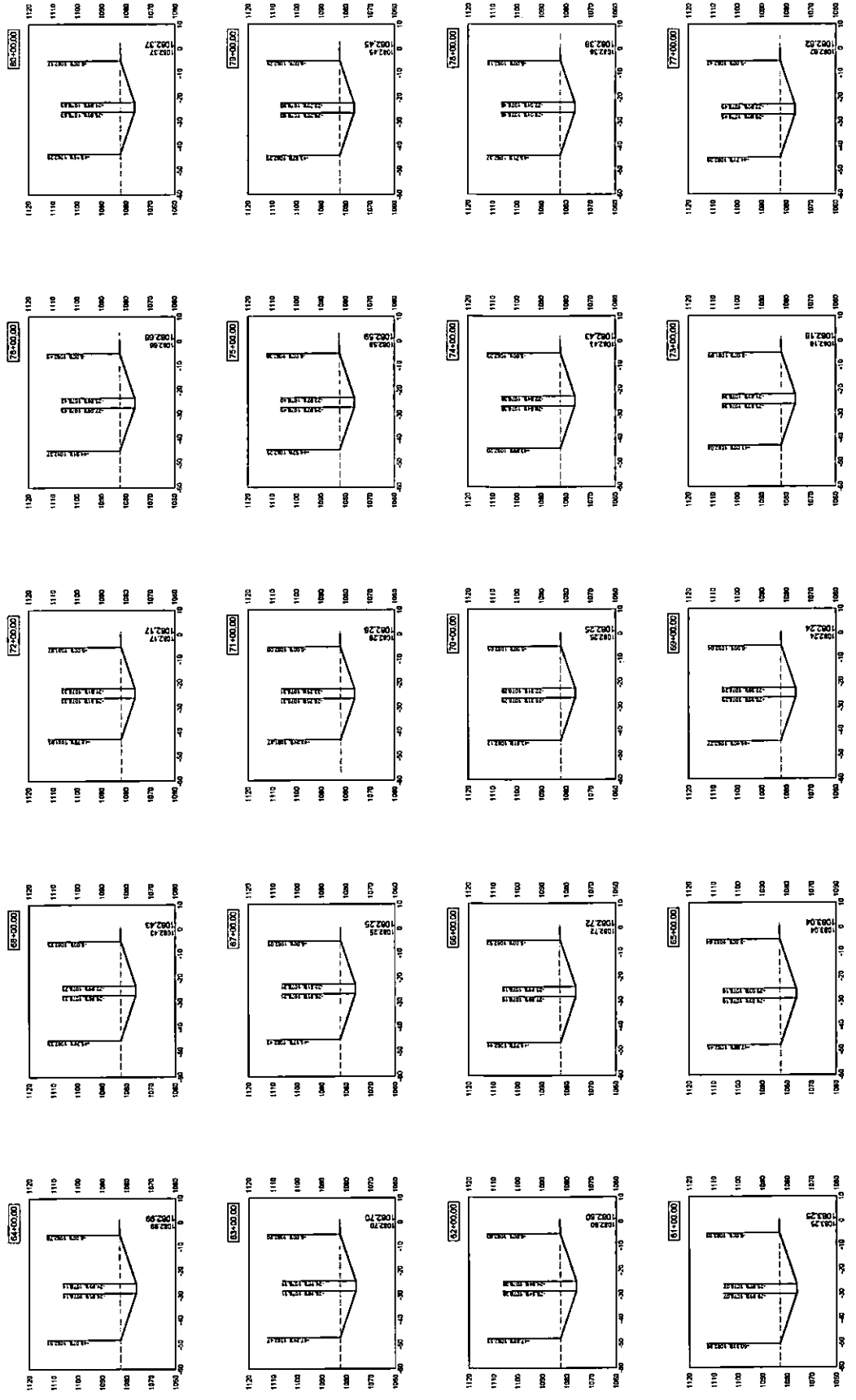




SALIX DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA  
 203 Empower Center Dr., Suite B • Berwyn, IL 61820-0220  
 712-343-3825 • 712-343-3826 (fax) • 872-41-8200 (cell)

LATERAL 1 CROSS SECTIONS

DWG. NO. W.23  
 PROJECT 15179

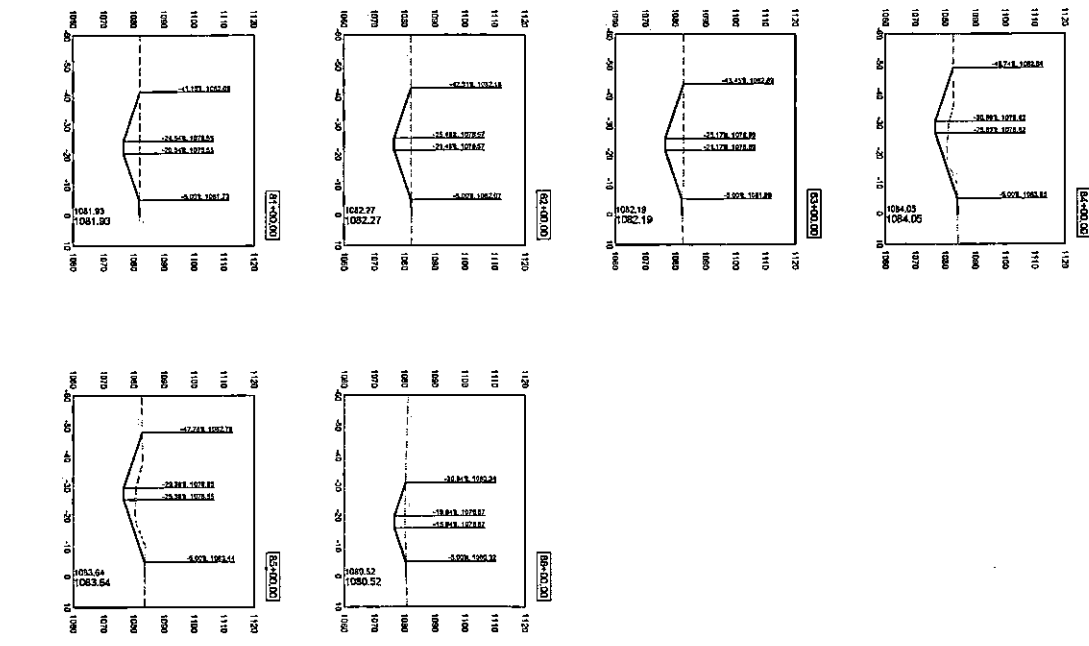


| REVISIONS |  |
|-----------|--|
| DATE      |  |
|           |  |
|           |  |
|           |  |
|           |  |

| JOB INFO   |             |
|------------|-------------|
| DATE       | DESCRIPTION |
| 08/14/2012 | REVISION    |

| OWNER INFORMATION       |  |
|-------------------------|--|
| NAME                    | ADDRESS  |
| SALIX DRAINAGE DISTRICT | 2015 Argonne Square Dr., Suite B • Saginaw, MI 48602 |
| WOODBURY COUNTY, IOWA   | 7124 S. Cedar Pkwy. • 50201-1003, Waverly            |

| PROJECT INFORMATION |            |
|---------------------|------------|
| PROJECT NO.         | DATE       |
| W.24                | 08/14/2012 |



**LATERAL 1 CROSS SECTIONS**

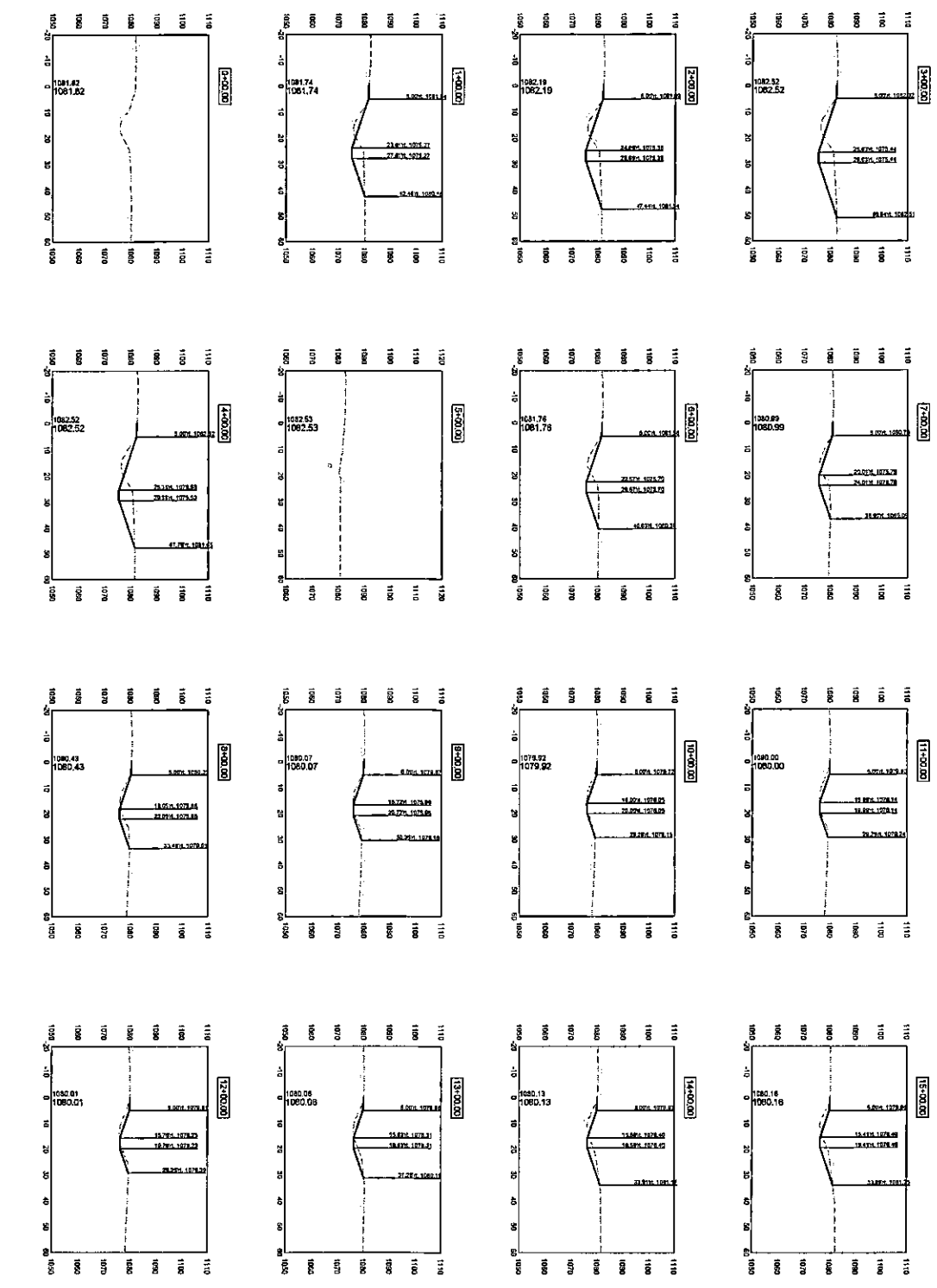
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| DATE | REVISIONS |
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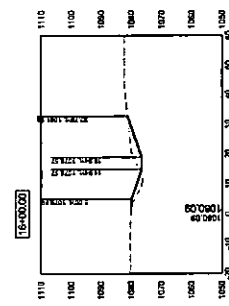
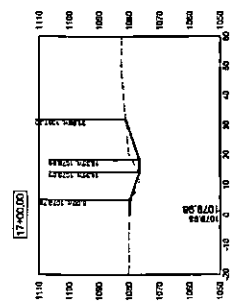
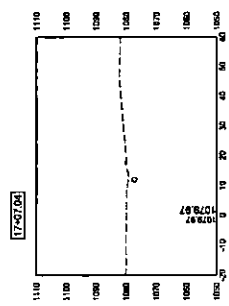
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| SCALE       | AS NOTED |
| DRAWN       | AM       |
| CHECKED     | KM       |
| APPROVED    | TK       |
| DATE        | 12/15/16 |
| PROJECT NO. | 15154    |
| REVISION    |          |



VEENSTRA & KIMM INC.  
 2005 Cornbelt Drive, P.O. Box 89  
 Woodbury County, Iowa  
 Phone: (515) 320-1121 Fax: (515) 320-1122  
 Email: info@veenstra-kimm.com

SALIX DRAINAGE DISTRICT  
 WOODSBURY COUNTY, IOWA  
 LATERAL 2 CROSS SECTIONS  
 DWG. NO. W.30  
 PROJECT 15128





|      |           |          |             |  |                          |
|------|-----------|----------|-------------|--|--------------------------|
| DATE | REVISIONS | SCALE    | # REVISIONS | DWG. NO.   | PROJECT                  |
|      |           | DATE     | DATE        | W.31   | LATERAL 2 CROSS SECTIONS |
|      |           | CHECKED  | APPROVED    | SALIX DRAINAGE DISTRICT<br>WOODBURY COUNTY, IOWA<br>203 Sargeant Square Dr. - Suite B • Sargeant Bufl., Iowa 51064-0220<br>712-343-5025 • 712-343-5026(FAX) • 872-61-6000(VOICEMAIL) |                          |
|      |           | DATE     | DATE        | VEENSTRA & KIM INC.  |                          |
|      |           | REVISION | DATE        |  |                          |