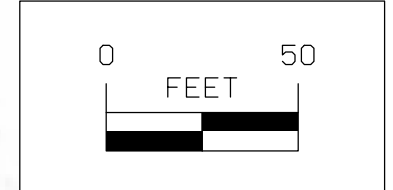


Traverse# 17
 N: 3518377.4430
 E: 5661287.9870
 Elev: 871.358

Traverse# 16
 N: 3518236.9580
 E: 5661105.6960
 Elev: 856.687

Point	Northing	Easting	Elev	Code	Description
16	3518237	5661106	856.687	CP 16 EAST CAVE	PK NAIL IN ASPHALT SOUTHSIDE ROAD ACROSS OLD HOUSE
17	3518377	5661288	871.358	CP PK ENTER	PK NAIL IN ASPHALT AT SOUTH SIDE ENTRANCE PORTAL

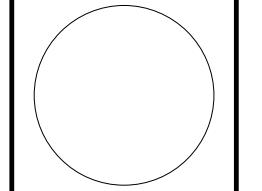


NO.	BY DATE	REVISION

DRAWN BY: PROJECT NUMBER:
 17-06-49-02
 CHK'D BY: DATE:
 October 2017

SURVEY CONTROL SHEET
 ROADWAY RECONSTRUCTION, MAINTENANCE &
 CAMPGROUND ELECTRICAL FOR:
MAQUOKETA CAVES STATE PARK
 JACKSON COUNTY, IOWA

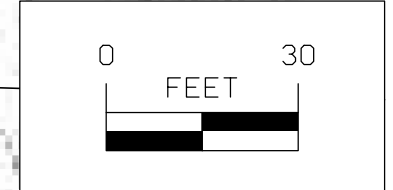
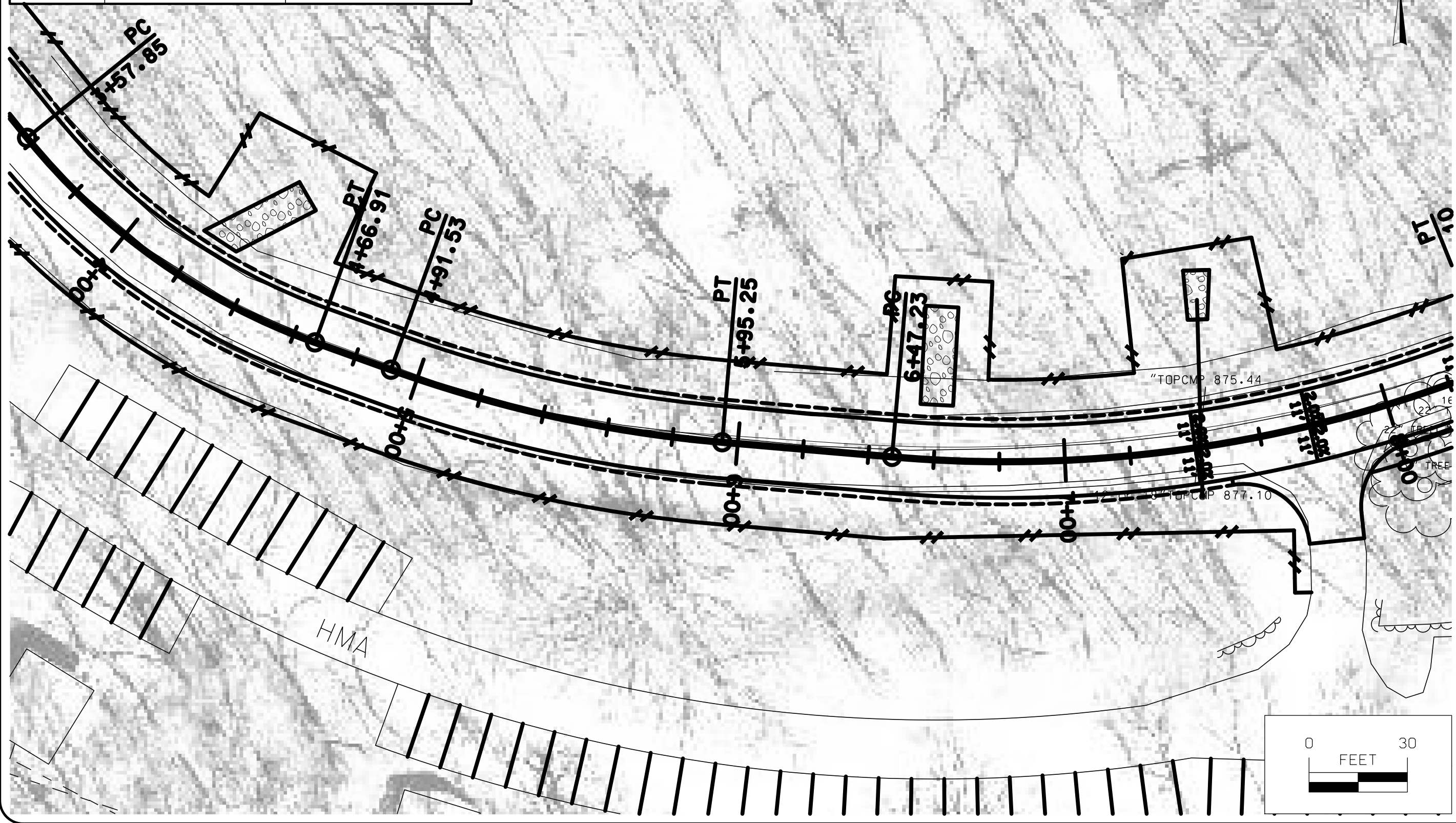
IOWA DEPARTMENT OF NATURAL RESOURCES
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Station	Left Lane	Right Lane
7+40	2.00% out - 11'	2.00% out - 11'
7+75.42	2.00% out - 11'	2.00% in - 11'
8+25	2.00% out - 11'	2.00% out - 11'



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DNR

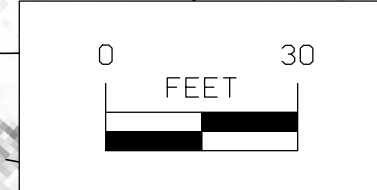
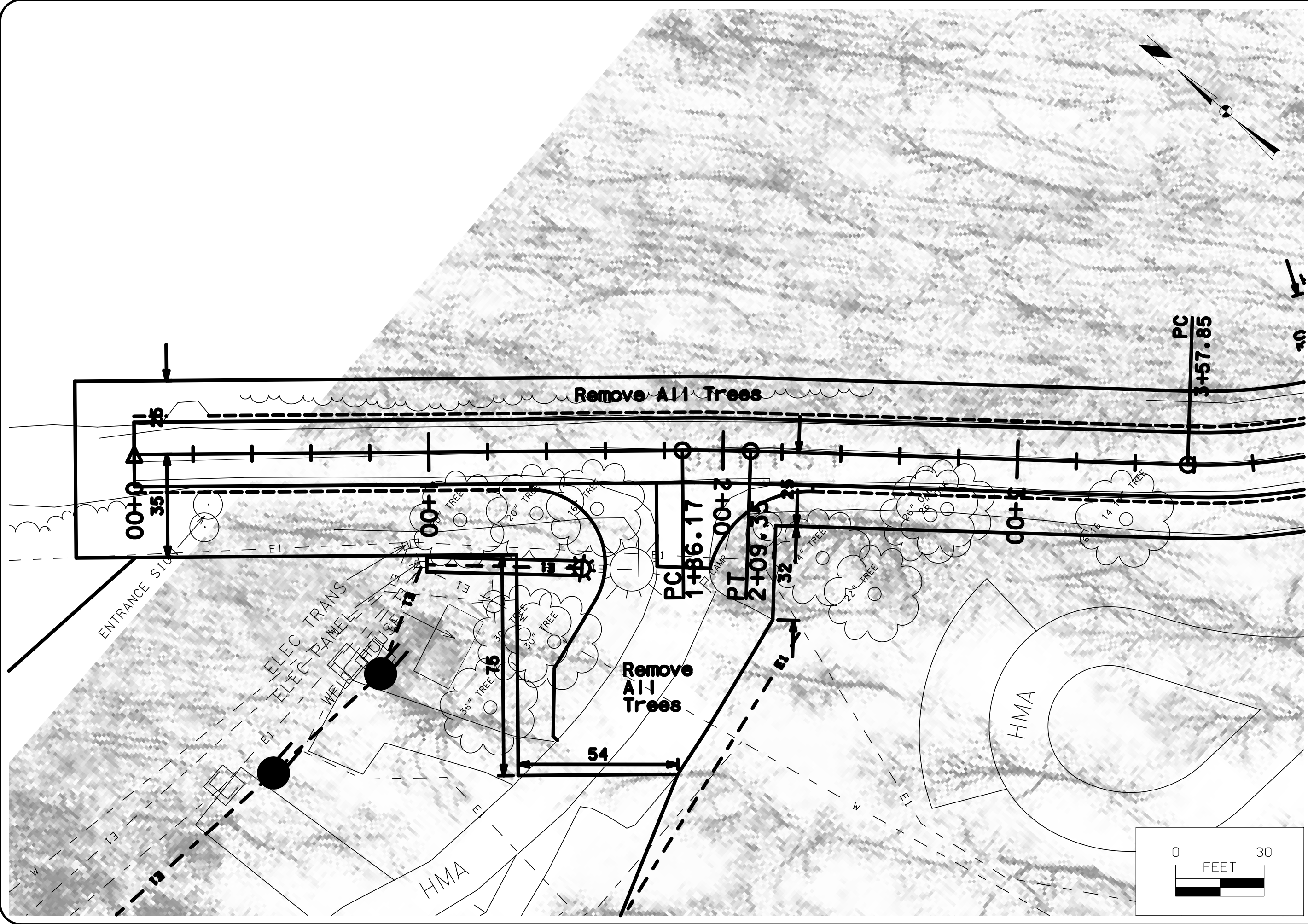
PAVEMENT SLOPE SHEET
 ROADWAY RECONSTRUCTION, MAINTENANCE & CAMPGROUND ELECTRICAL FOR:
MAQUOKETA CAVES STATE PARK
 JACKSON COUNTY, IOWA

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DRAWN BY: PROJECT NUMBER:
 17-06-49-02

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 October 2017

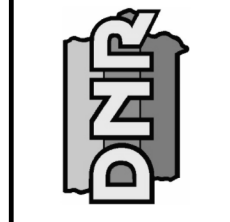
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NO.	BY	REVISION

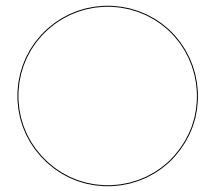
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17-06-49-02
CHK'D BY: DATE:
October 2017

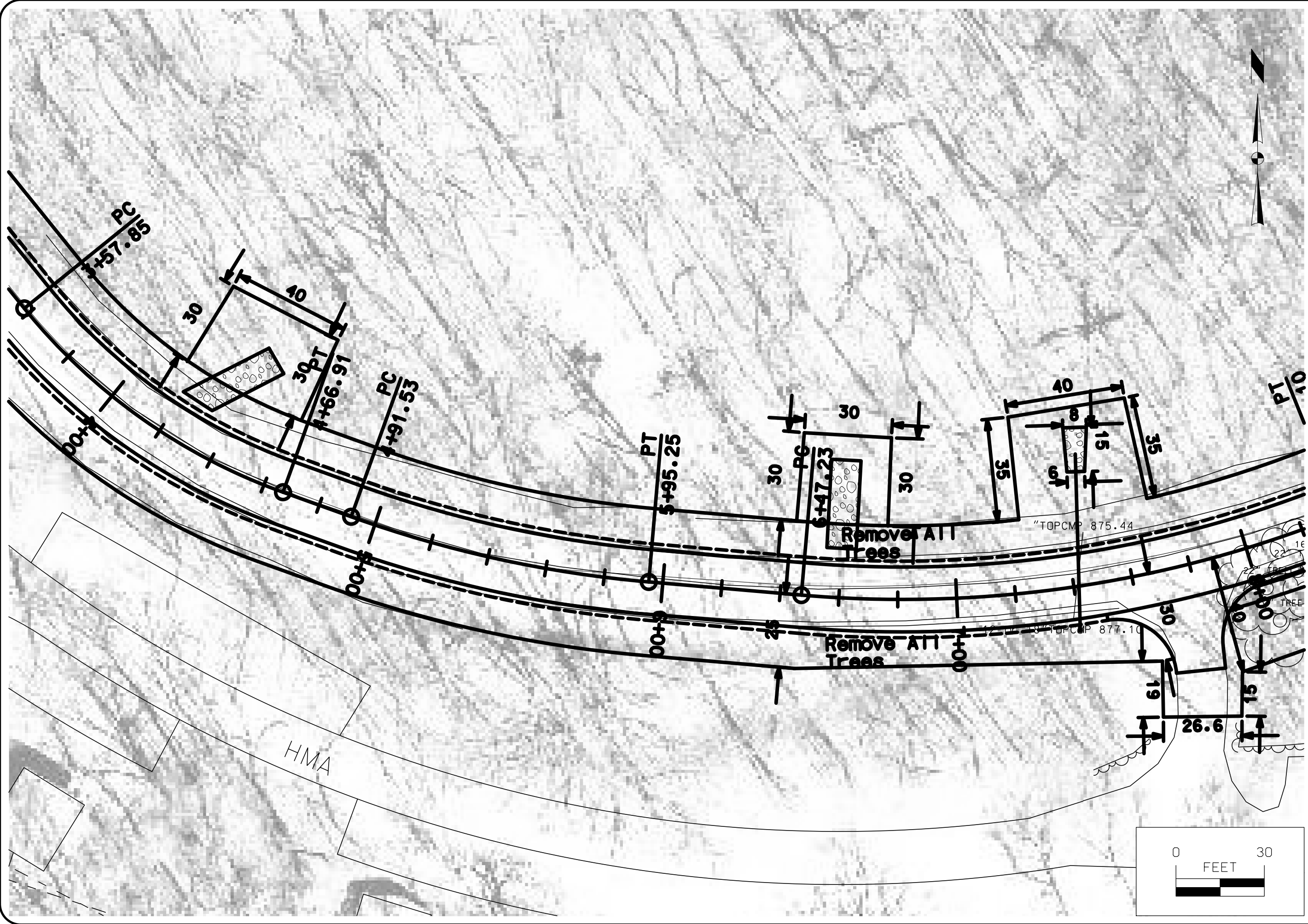
TREE REMOVAL SHEET
ROADWAY RECONSTRUCTION, MAINTENANCE &
CAMPGROUND ELECTRICAL FOR:
MAQUOKETA CAVES STATE PARK
JACKSON COUNTY, IOWA



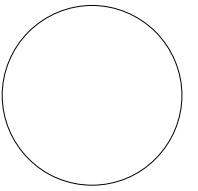
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TREE REMOVAL SHEET

ROADWAY RECONSTRUCTION, MAINTENANCE & CAMPGROUND ELECTRICAL FOR:

MAQUOKETA CAVES STATE PARK

JACKSON COUNTY, IOWA

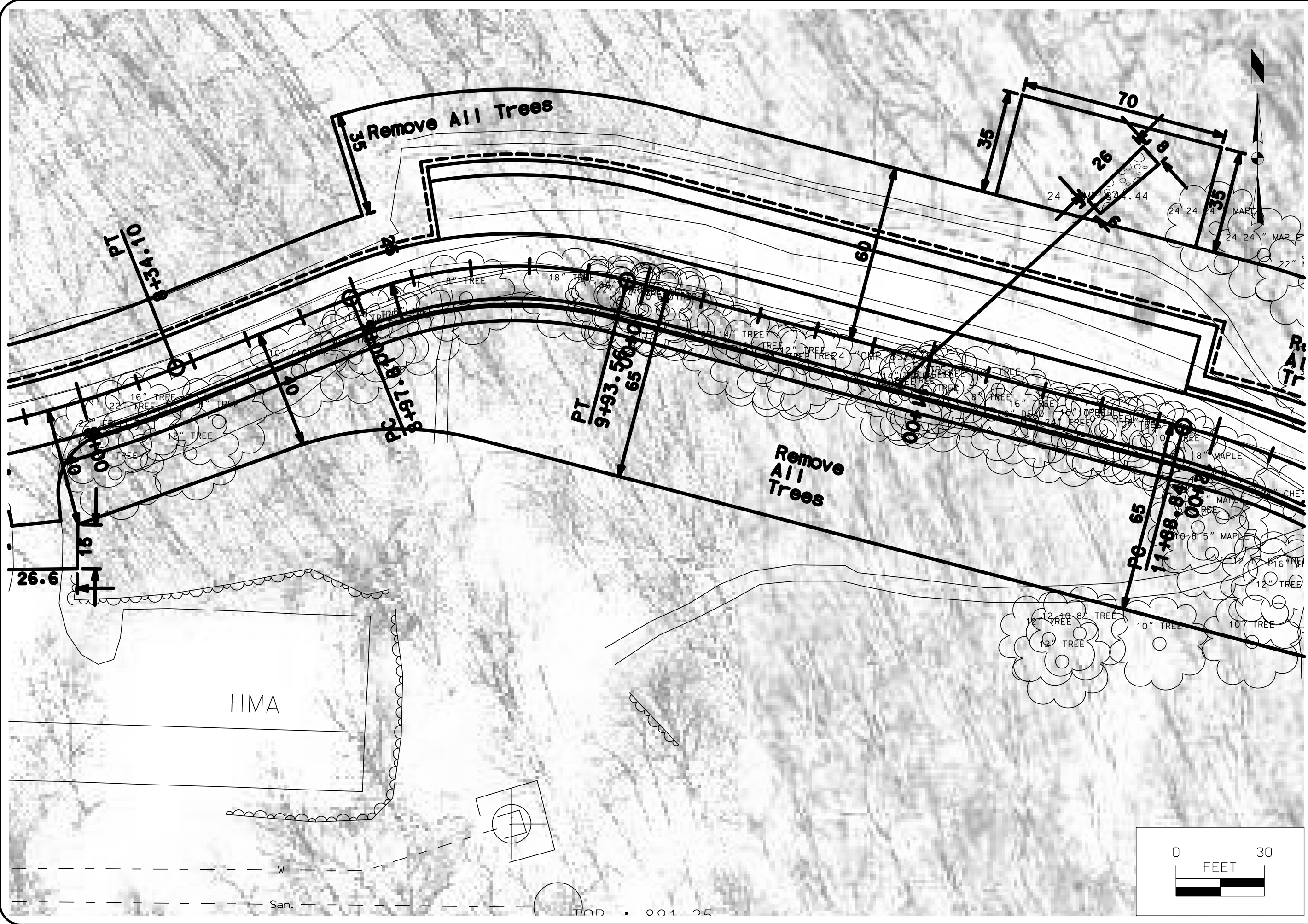
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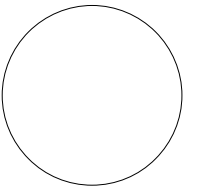
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TREE REMOVAL SHEET

ROADWAY RECONSTRUCTION, MAINTENANCE &
CAMPGROUND ELECTRICAL FOR:

MAQUOKETA CAVES STATE PARK

JACKSON COUNTY, IOWA

NO.	BY	REVISION

DRAWN BY: PROJECT NUMBER:
17-06-49-02
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October 2017

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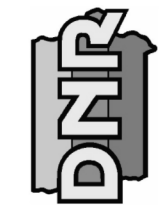


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DATE		

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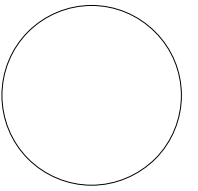
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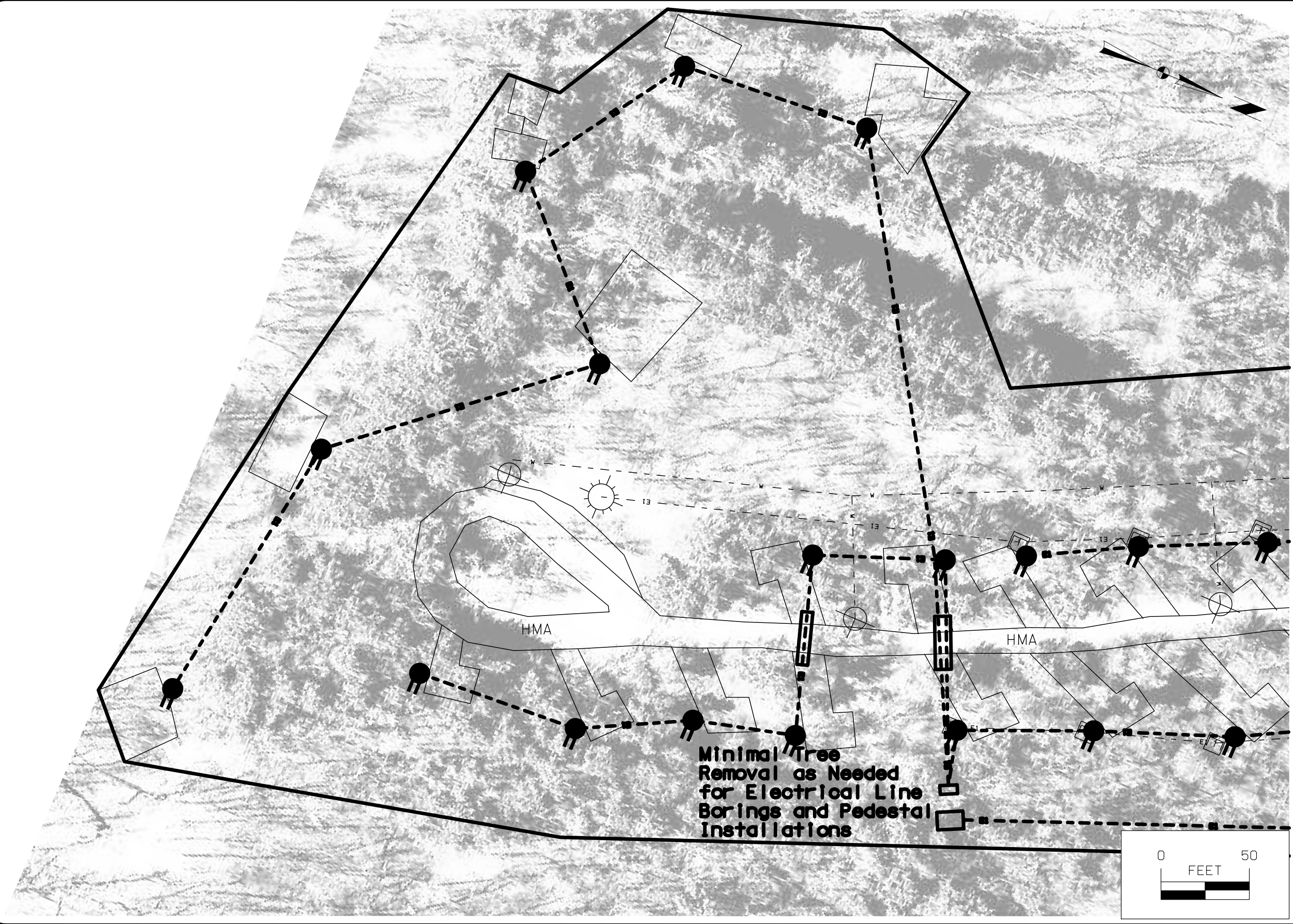
TREE REMOVAL SHEET
ROADWAY RECONSTRUCTION, MAINTENANCE &
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MAQUOKETA CAVES STATE PARK
JACKSON COUNTY, IOWA



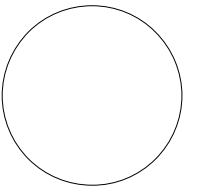
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NATURAL RESOURCES**
ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034

CONSULTANT:





CONSULTANT:



IOWA DEPARTMENT OF NATURAL RESOURCES
 ENGINEERING SERVICES - WALLACE BUILDING
 502 E. 9TH ST., DES MOINES, IA 50319-0034



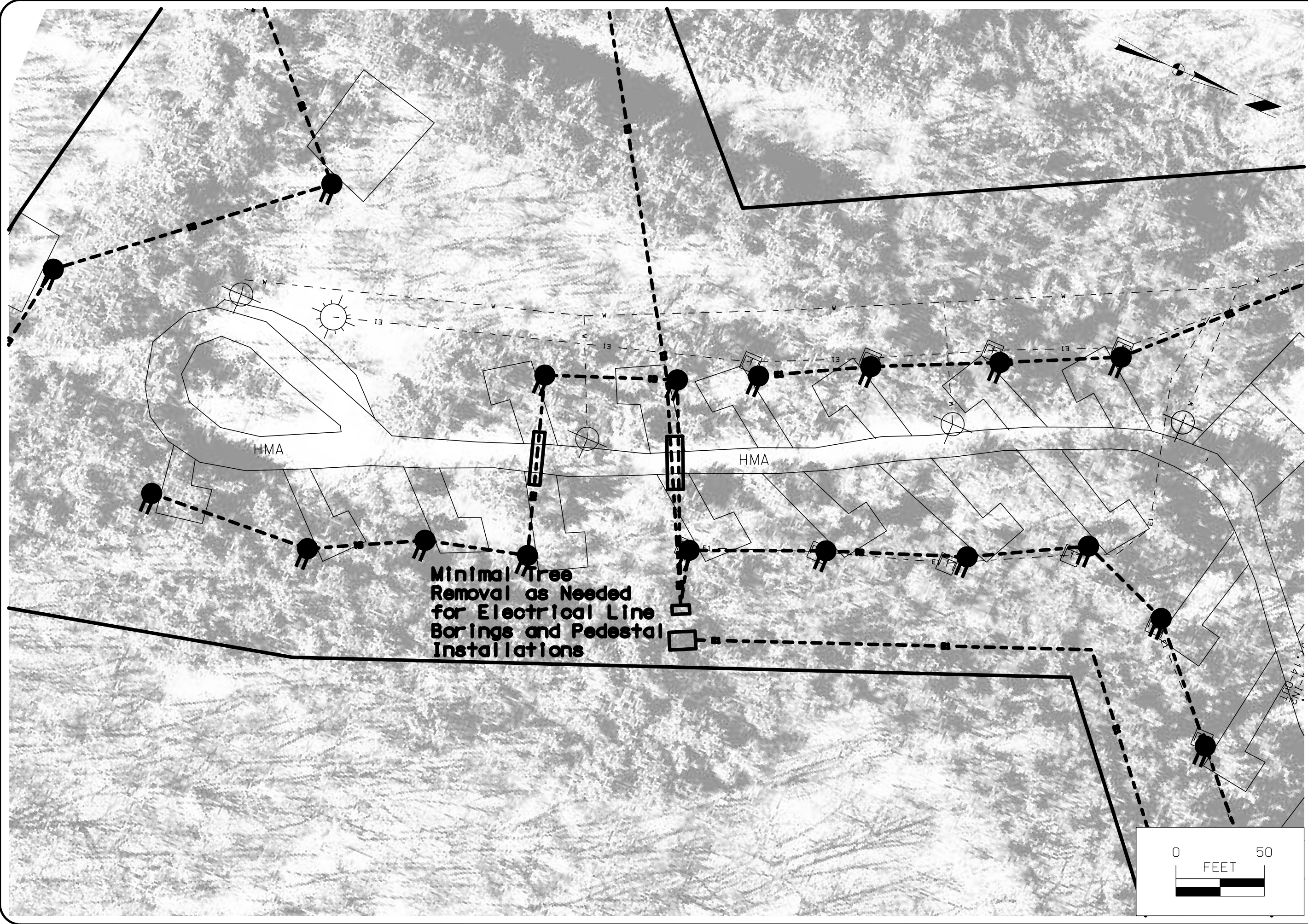
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ROADWAY RECONSTRUCTION, MAINTENANCE & CAMPGROUND ELECTRICAL FOR:

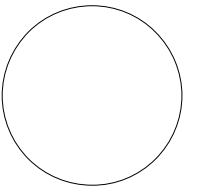
MAQUOKETA CAVES STATE PARK

JACKSON COUNTY, IOWA

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CHKD BY:	DATE:
	17-06-49-02
	October 2017



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502 E. 9TH ST., DES MOINES, IA 50319-0034



TREE REMOVAL SHEET

ROADWAY RECONSTRUCTION, MAINTENANCE & CAMPGROUND ELECTRICAL FOR:

MAQUOKETA CAVES STATE PARK

JACKSON COUNTY, IOWA

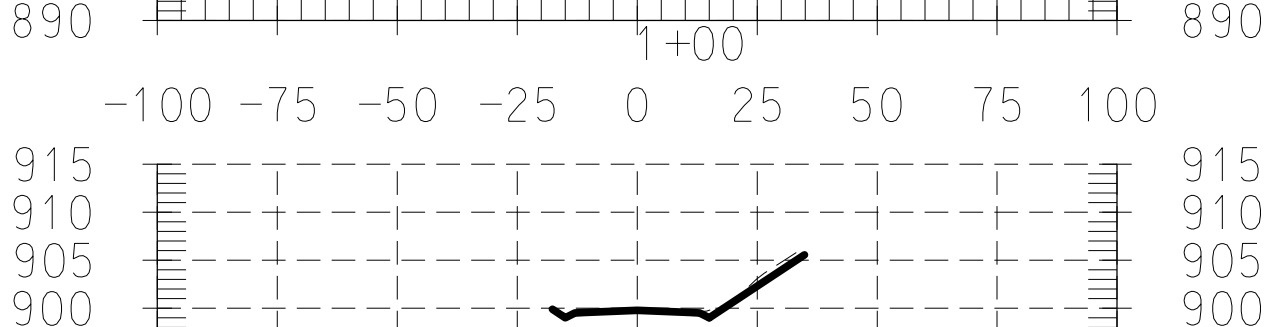
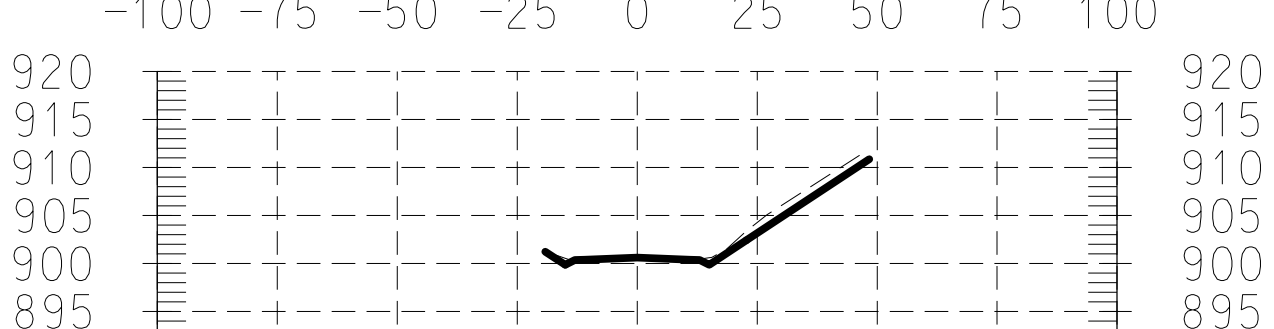
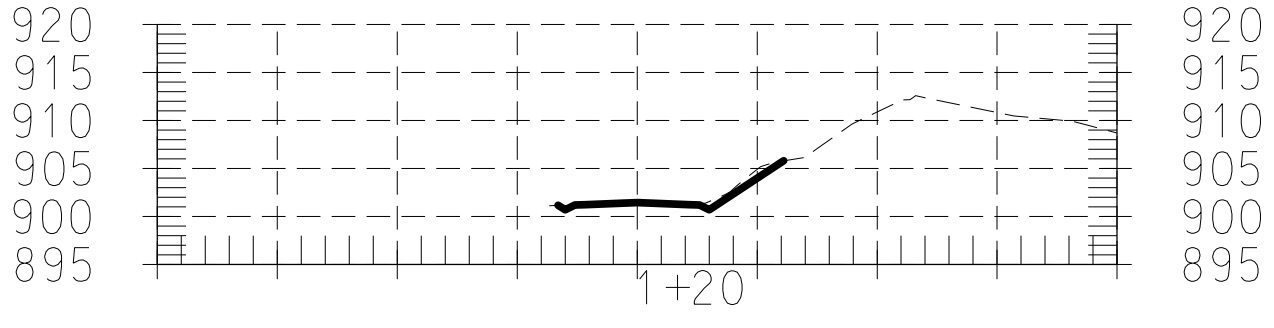
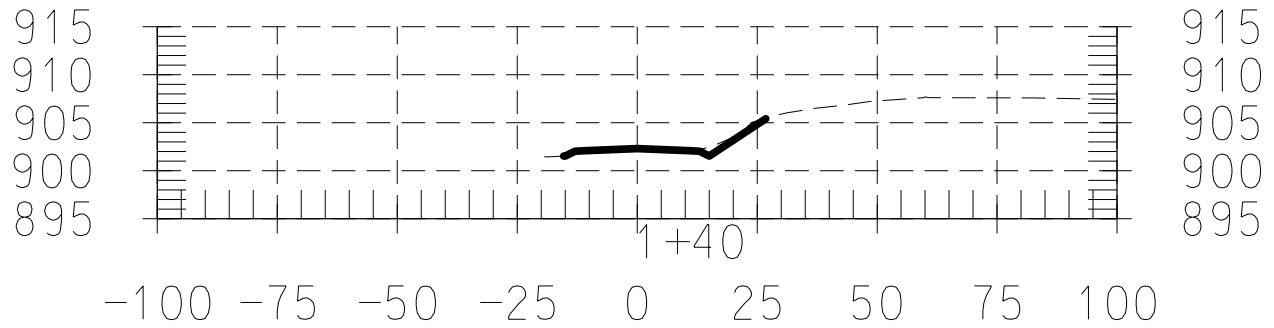
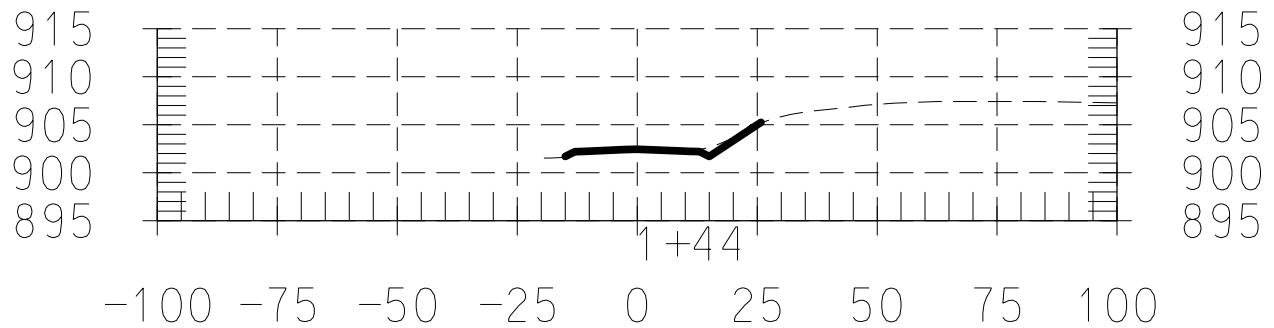
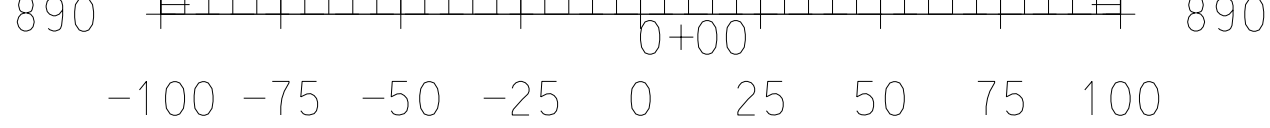
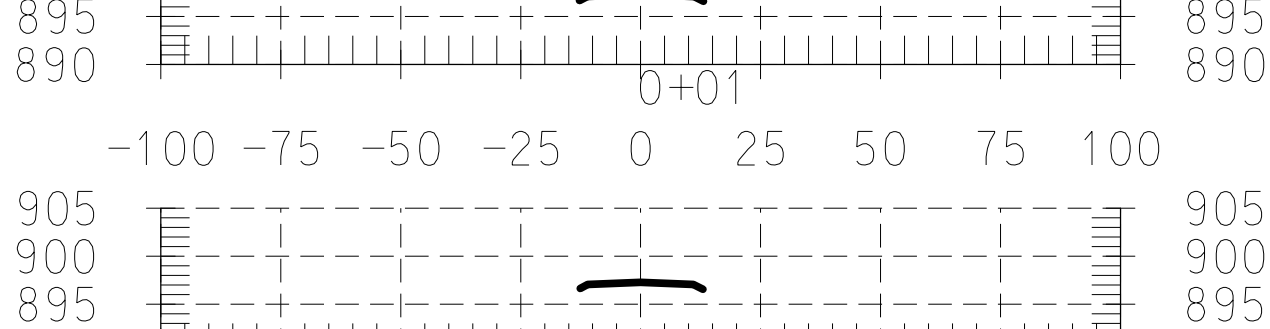
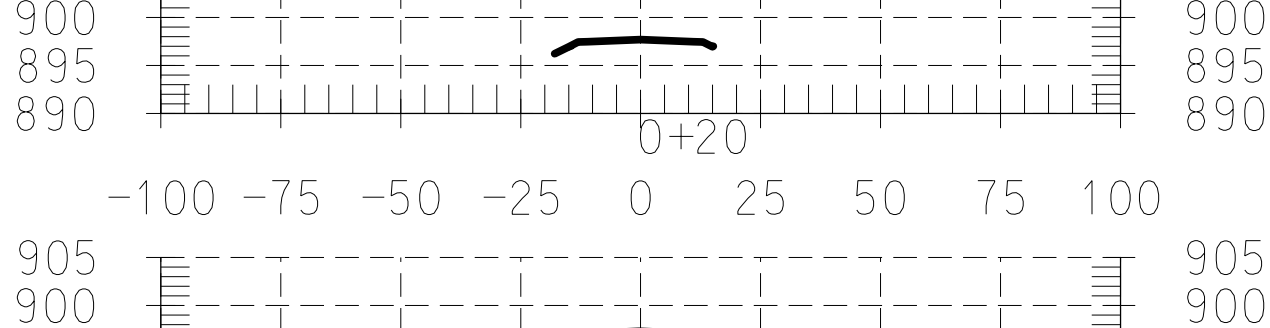
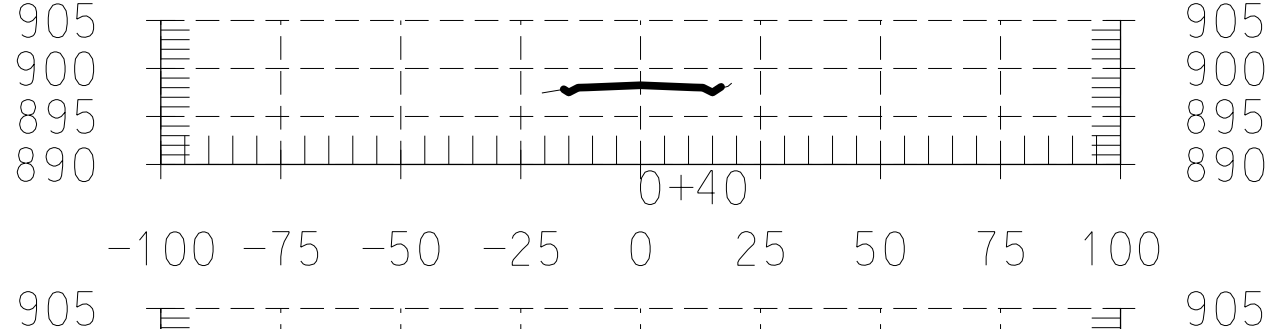
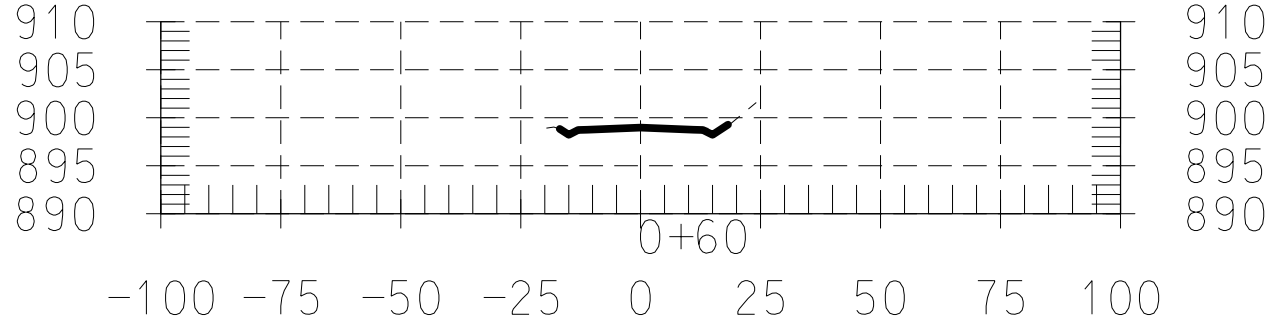
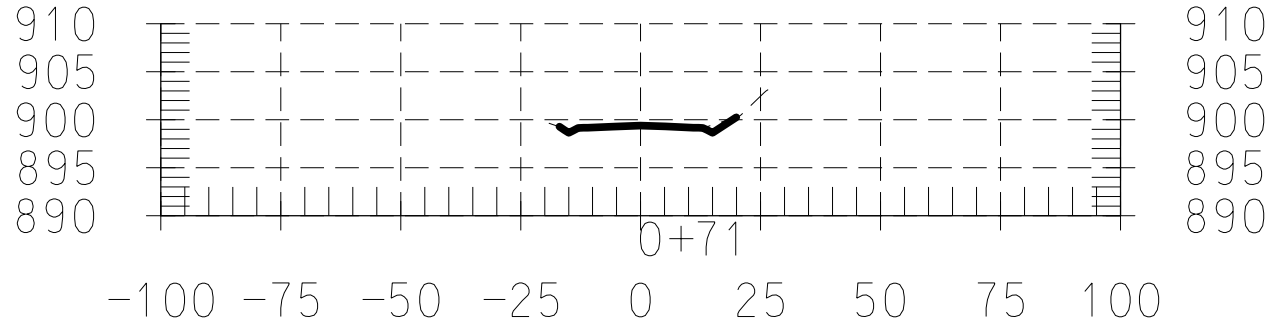
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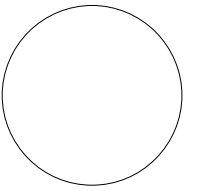
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NATURAL RESOURCES**
ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



CROSS SECTION SHEET

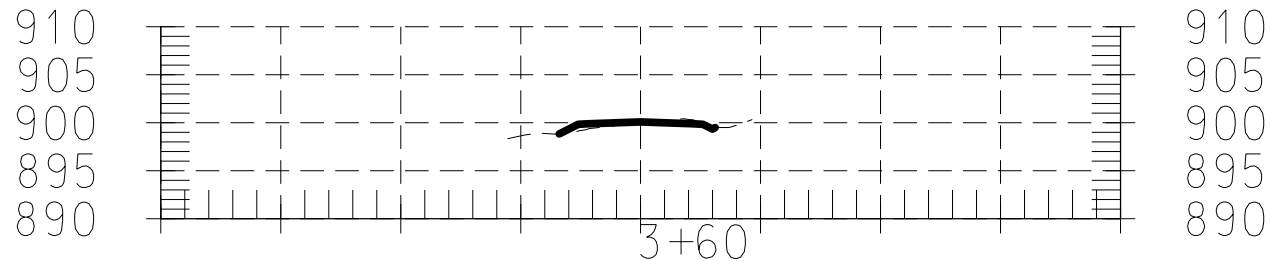
ROADWAY RECONSTRUCTION, MAINTENANCE &
CAMPGROUND ELECTRICAL FOR:
MAQUOKETA CAVES STATE PARK
JACKSON COUNTY, IOWA

NO.	BY	REVISION

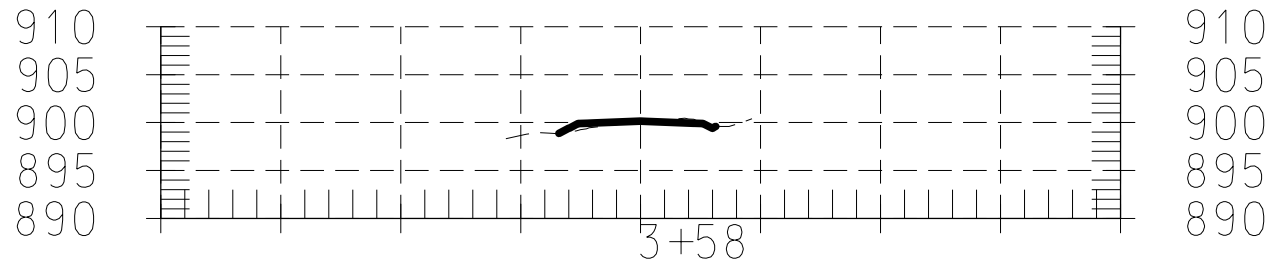
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CHK'D BY: DATE:
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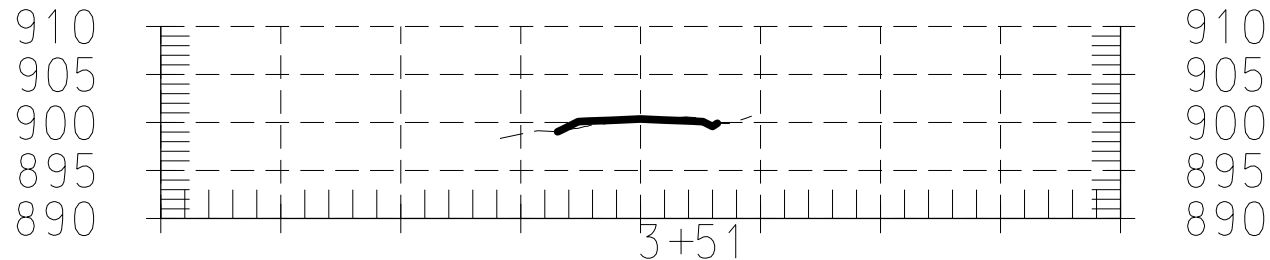
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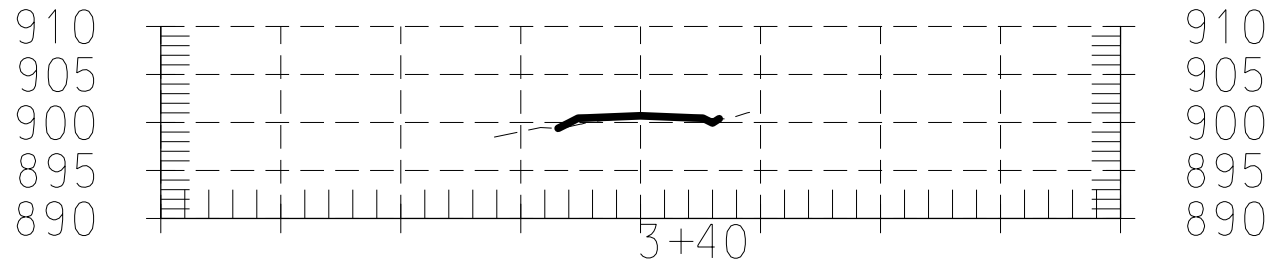
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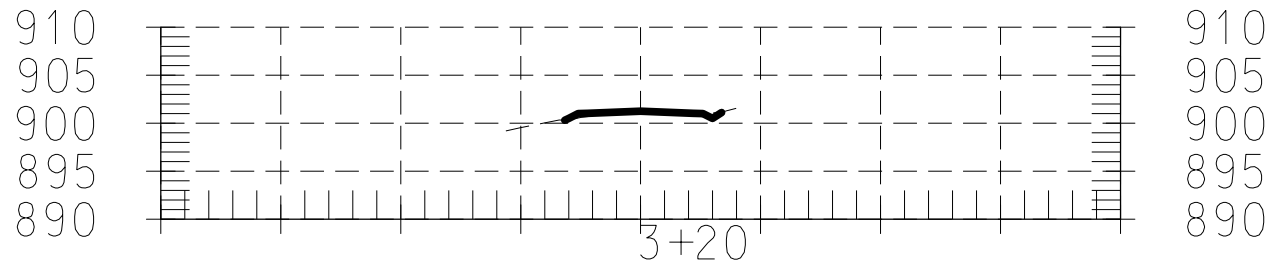
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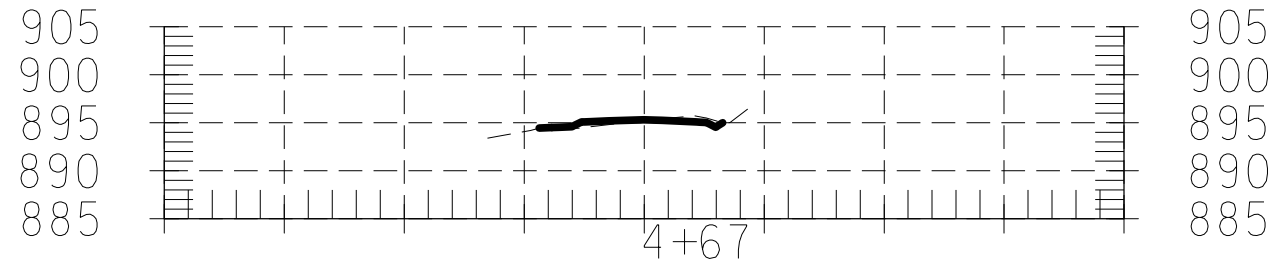
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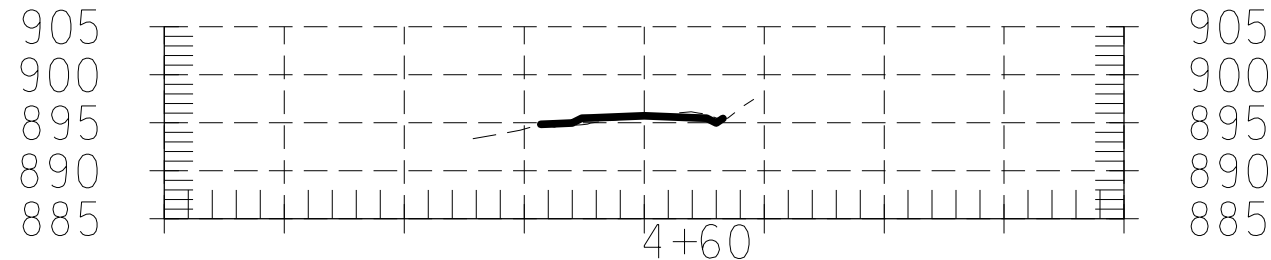
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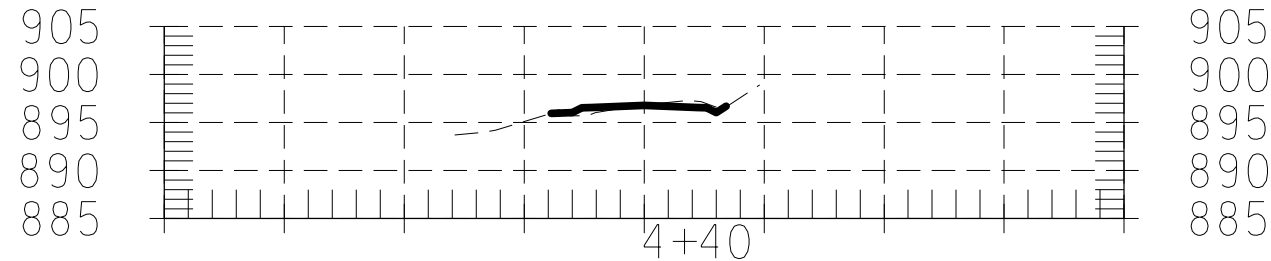
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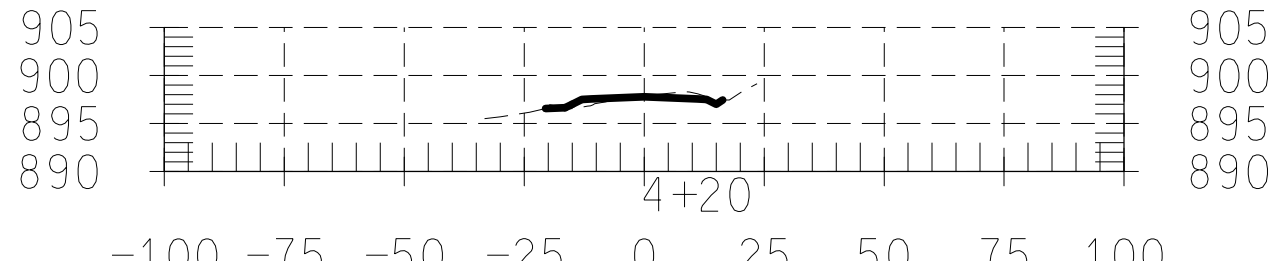
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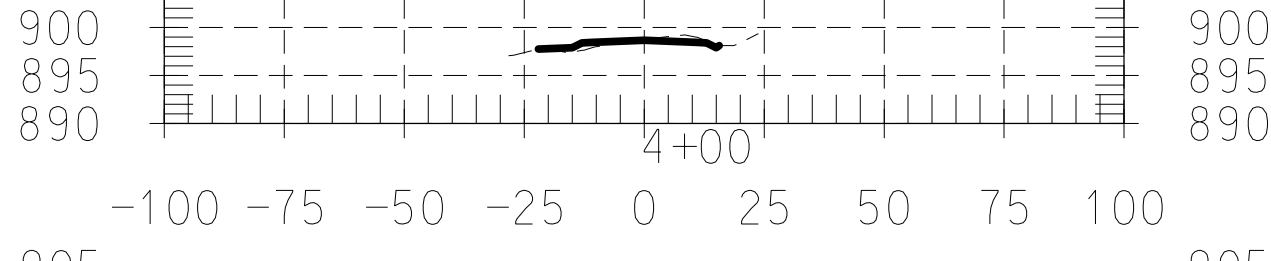
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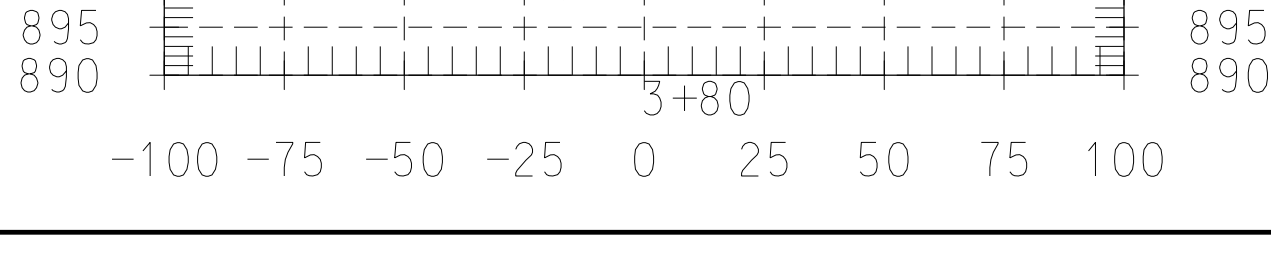
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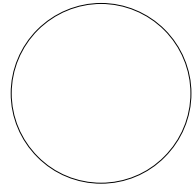


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CONSULTANT:



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502 E. 9TH ST., DES MOINES, IA 50319-0034



CROSS SECTION SHEET

ROADWAY RECONSTRUCTION, MAINTENANCE & CAMPGROUND ELECTRICAL FOR:

MAQUOKETA CAVES STATE PARK

JACKSON COUNTY, IOWA

NO.	BY	REVISION

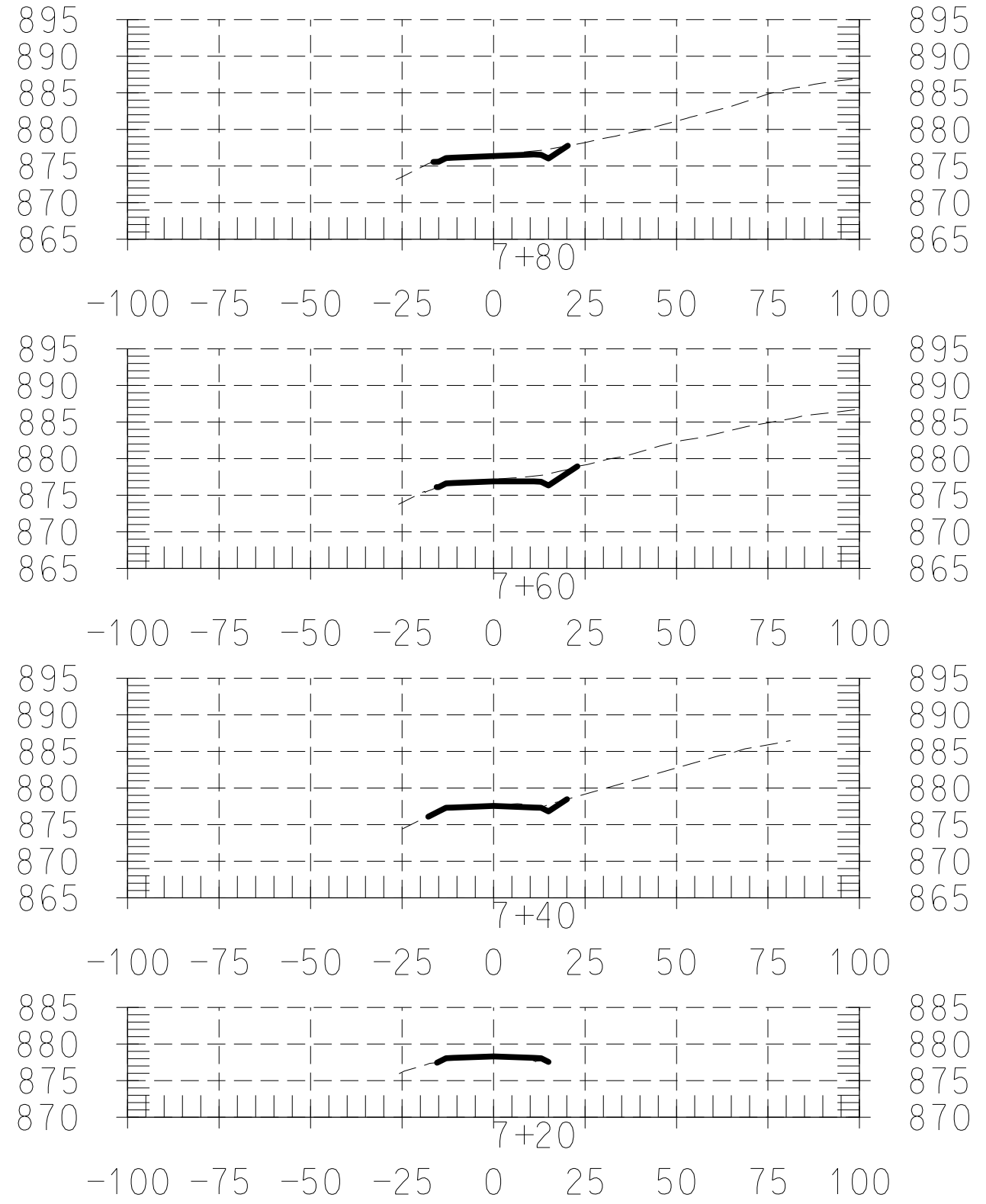
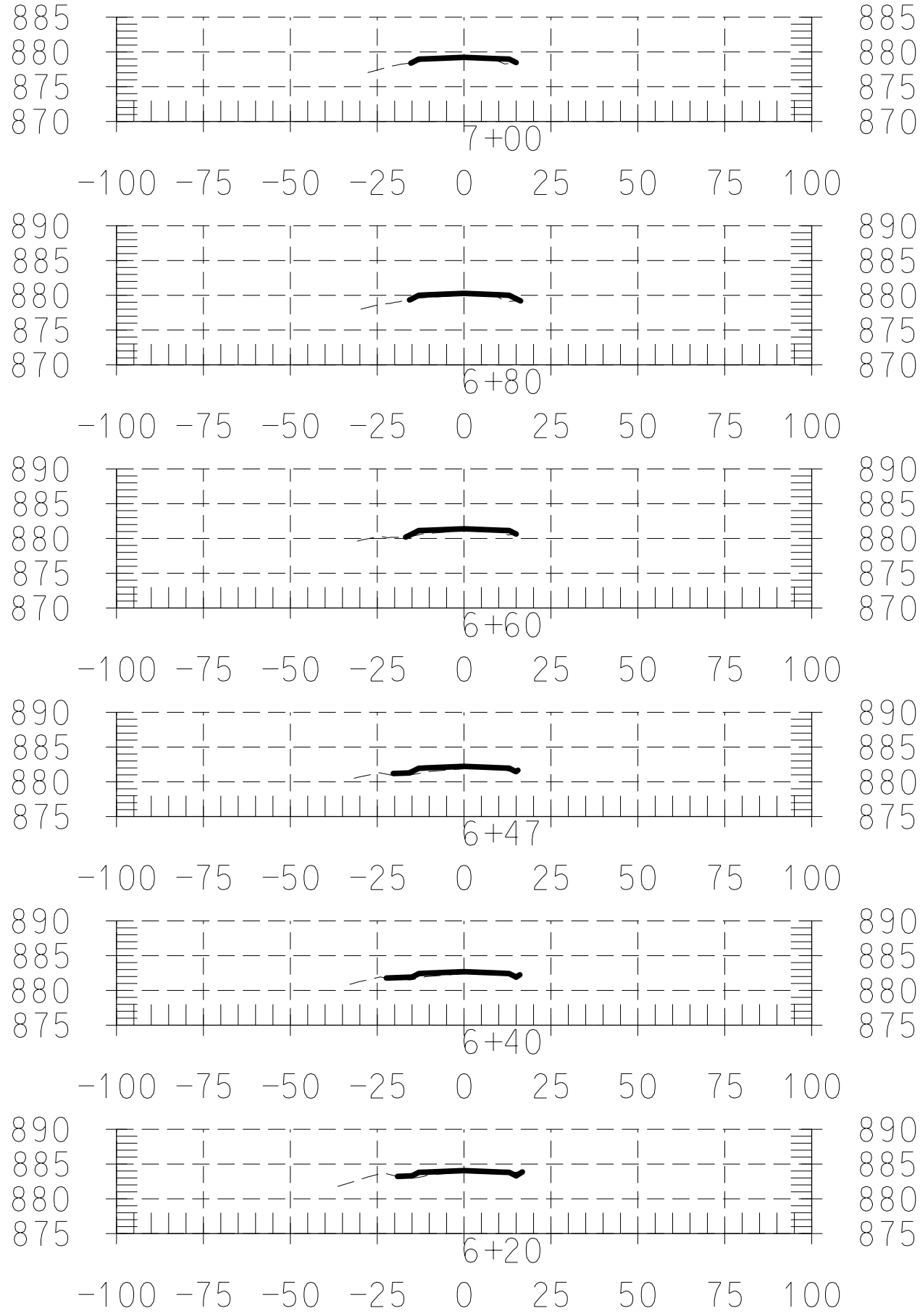
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October 2017

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NO.	BY	REVISION

DRAWN BY: PROJECT NUMBER: 17-06-49-02

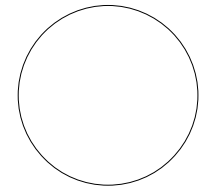
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CROSS SECTION SHEET
 ROADWAY RECONSTRUCTION, MAINTENANCE & CAMPGROUND ELECTRICAL FOR:
MAQUOKETA CAVES STATE PARK
 JACKSON COUNTY, IOWA

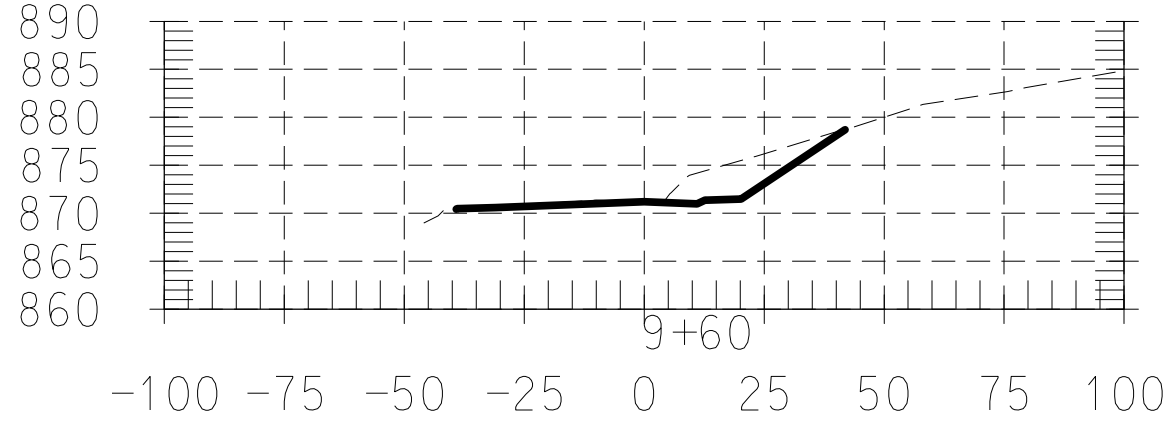
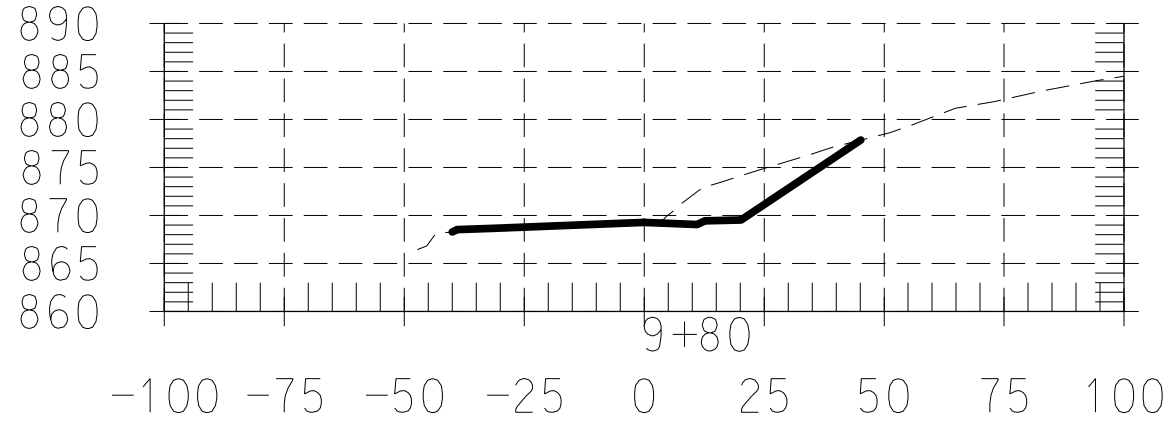
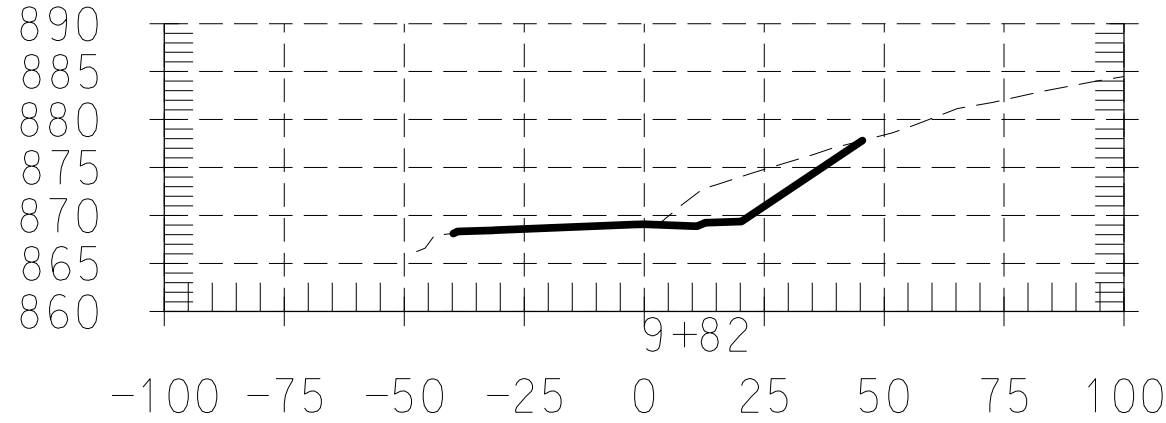
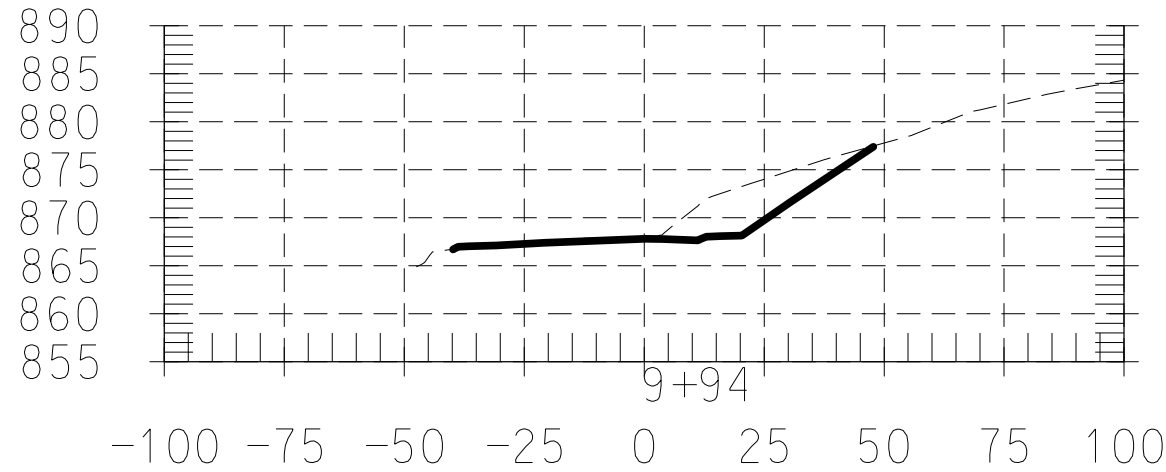
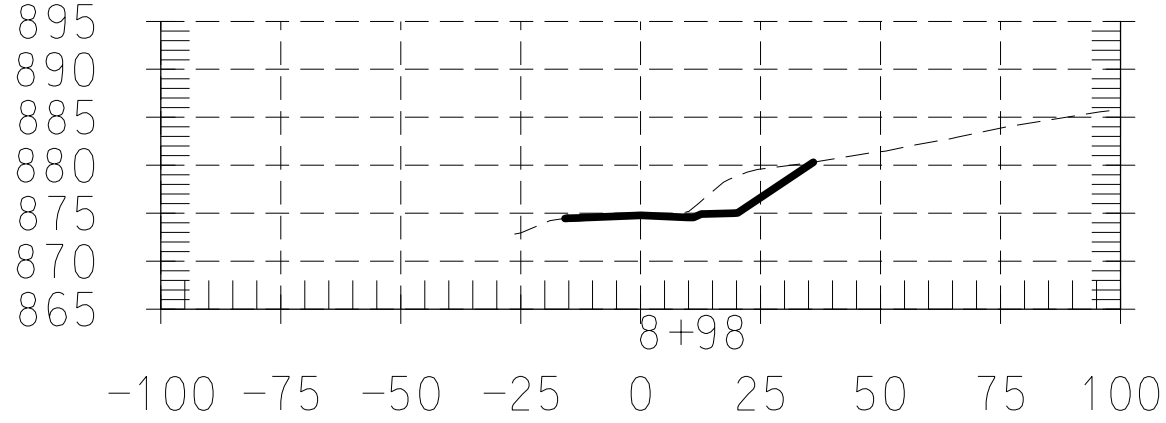
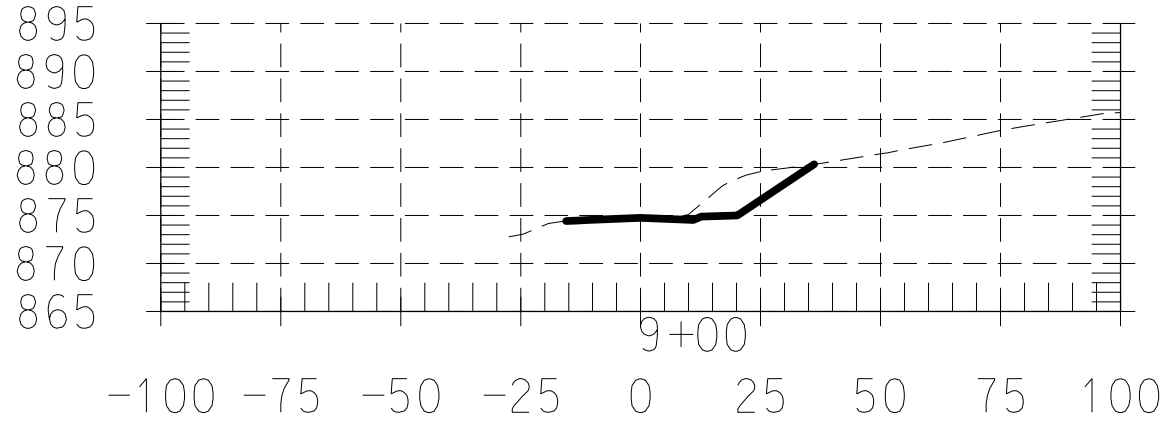
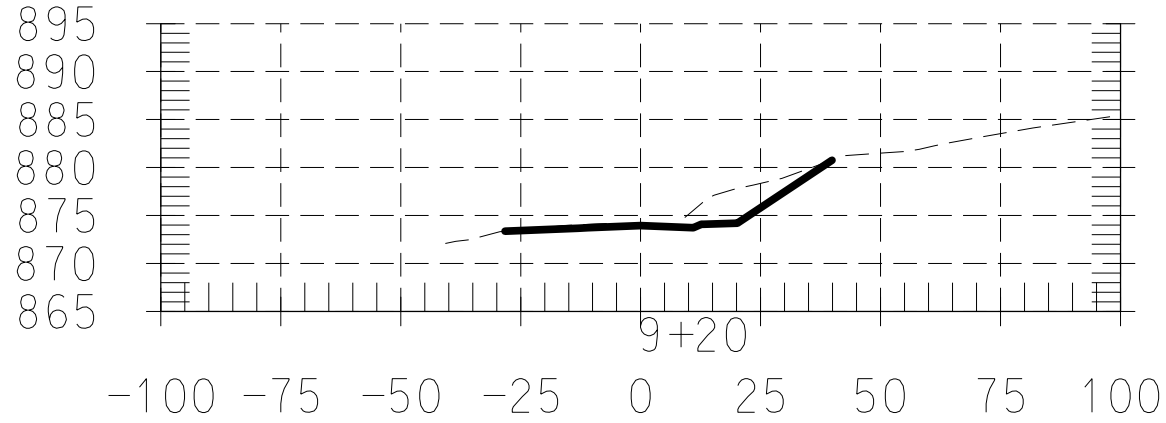
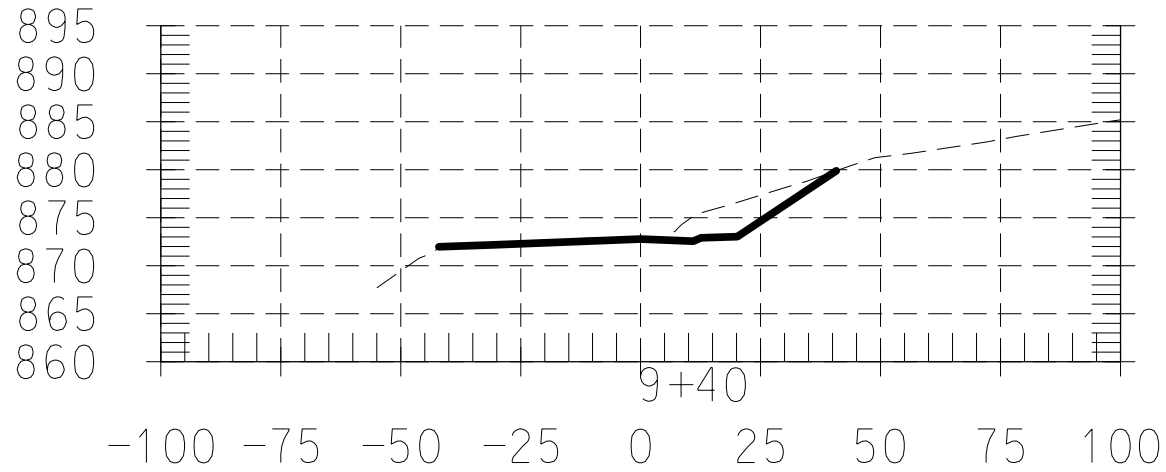


IOWA DEPARTMENT OF NATURAL RESOURCES
 ENGINEERING SERVICES - WALLACE BUILDING
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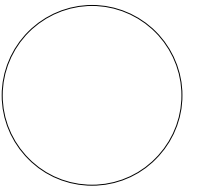
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ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



CROSS SECTION SHEET

ROADWAY RECONSTRUCTION, MAINTENANCE &
CAMPGROUND ELECTRICAL FOR:

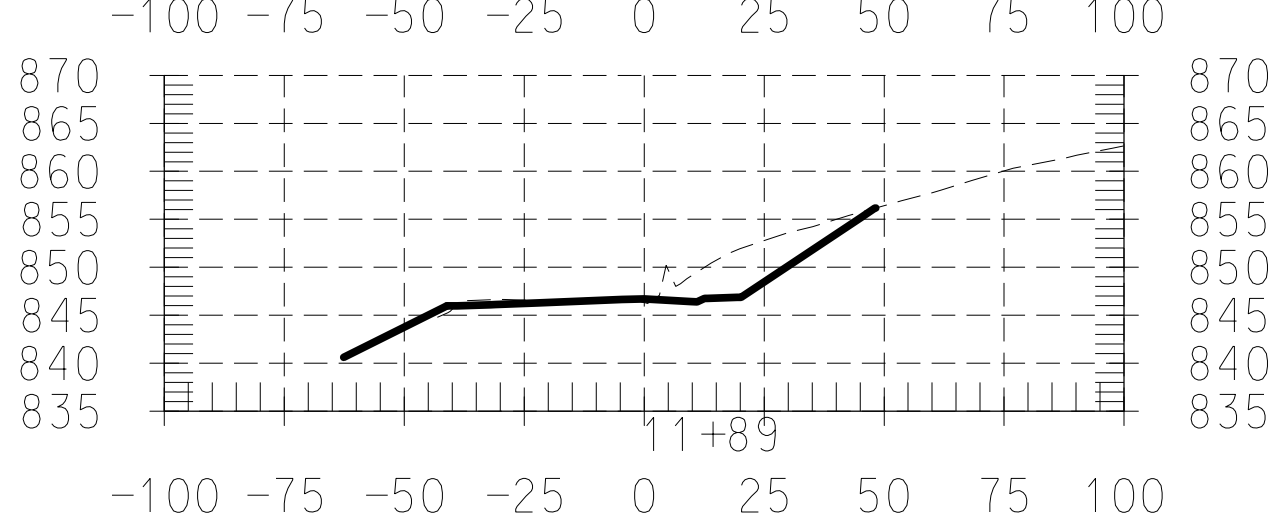
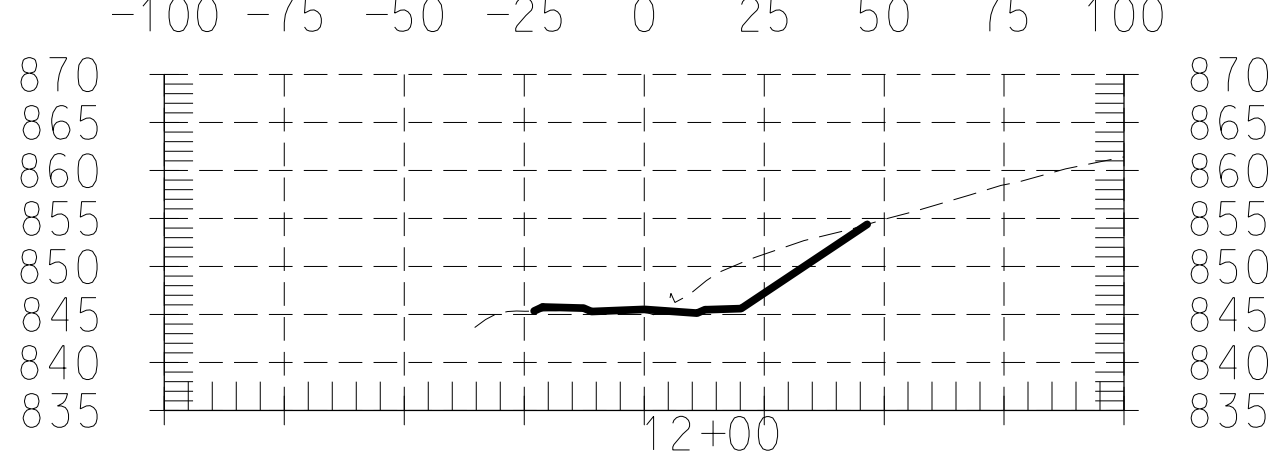
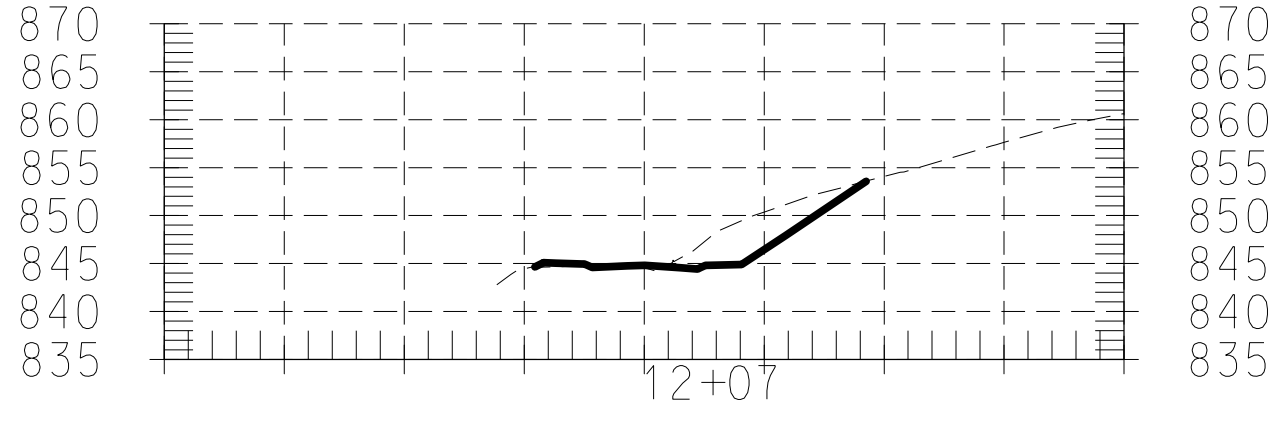
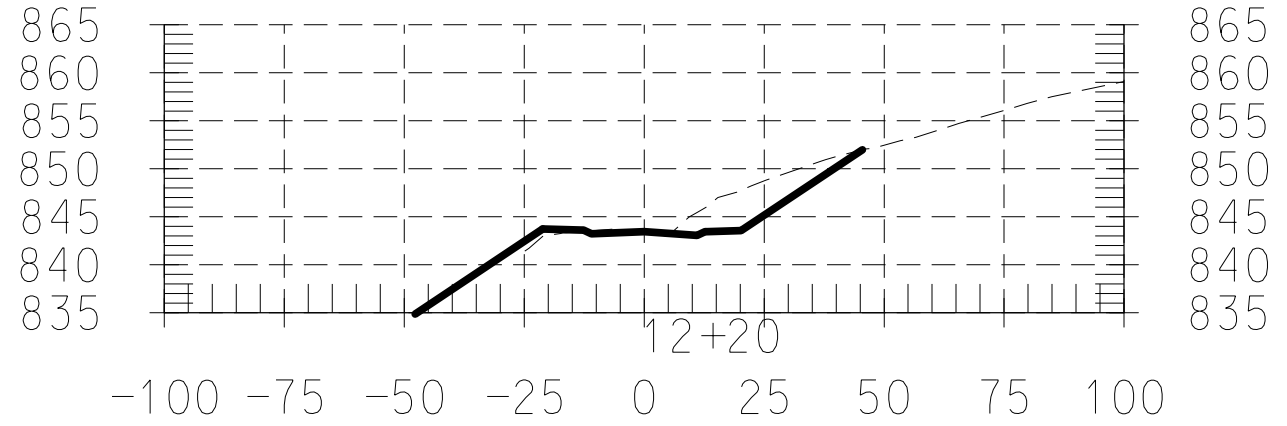
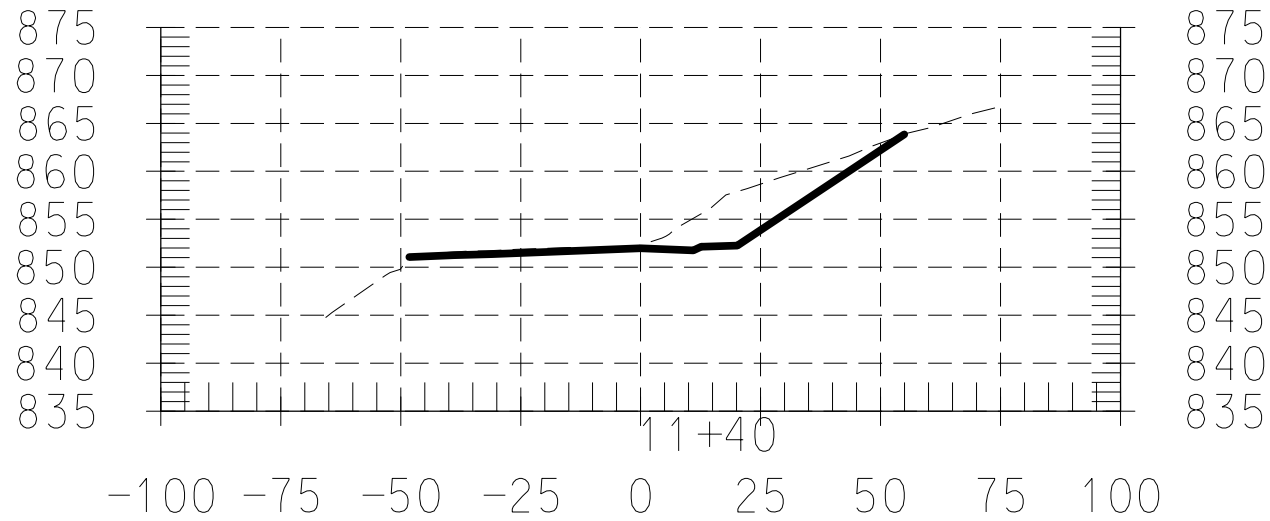
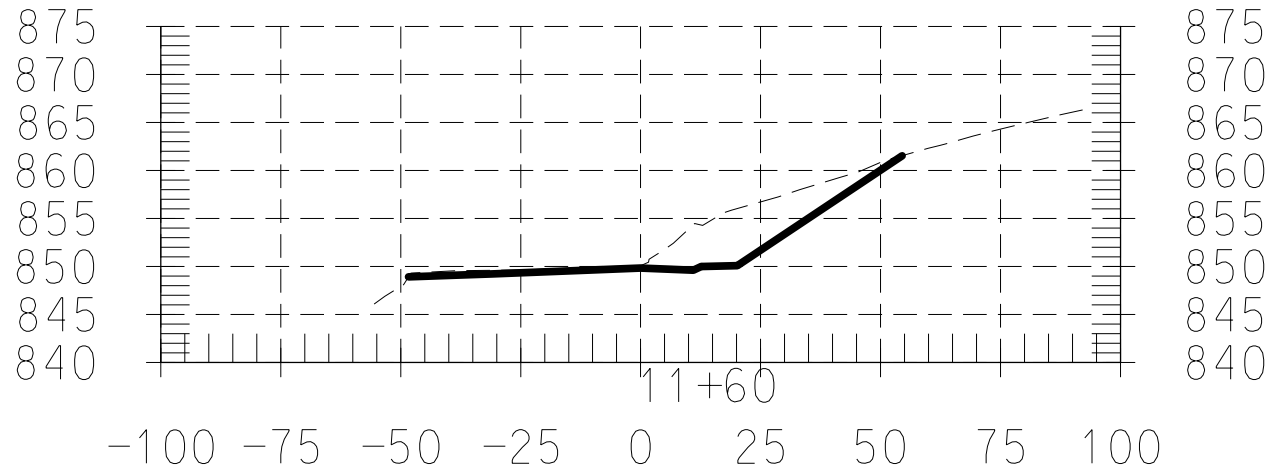
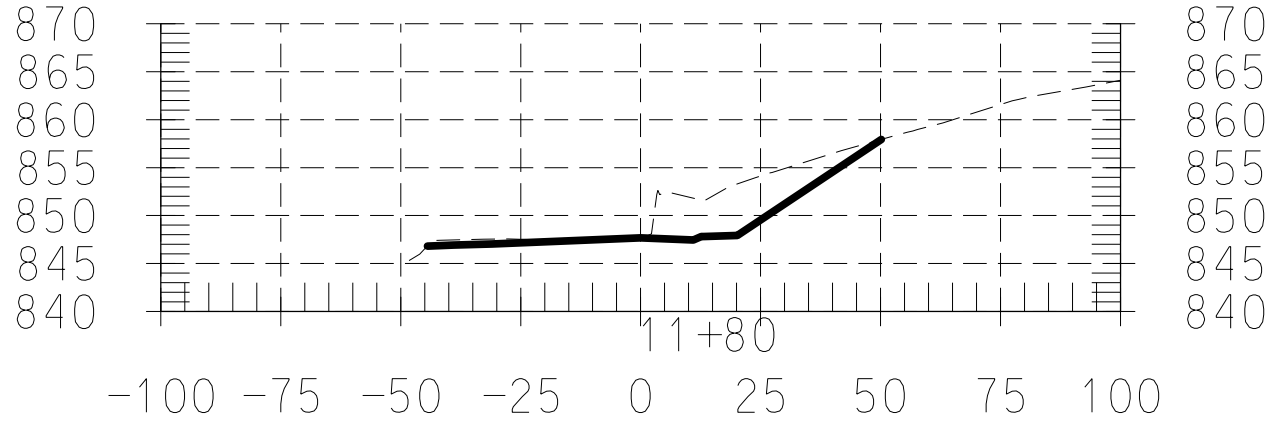
MAQUOKETA CAVES STATE PARK

JACKSON COUNTY, IOWA

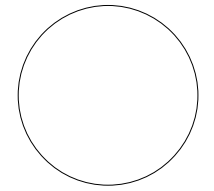
NO.	BY	REVISION

DRAWN BY: PROJECT NUMBER:
17-06-49-02
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October 2017

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ROADWAY RECONSTRUCTION, MAINTENANCE & CAMPGROUND ELECTRICAL FOR:
MAQUOKETA CAVES STATE PARK

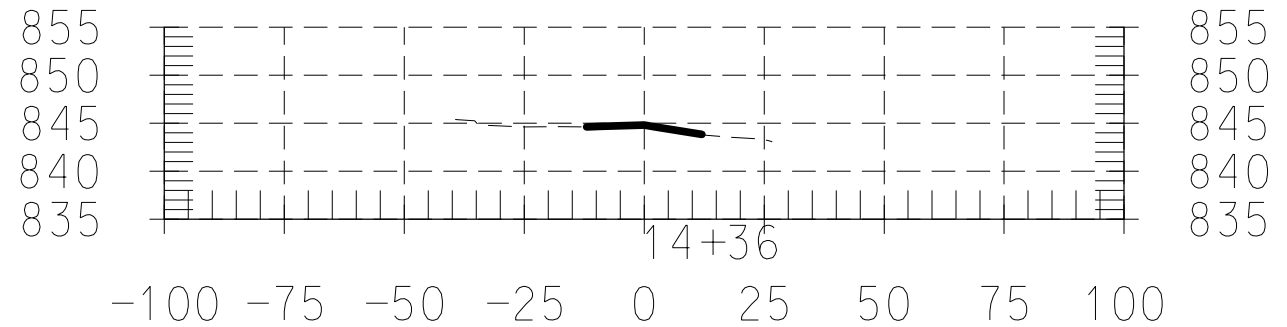
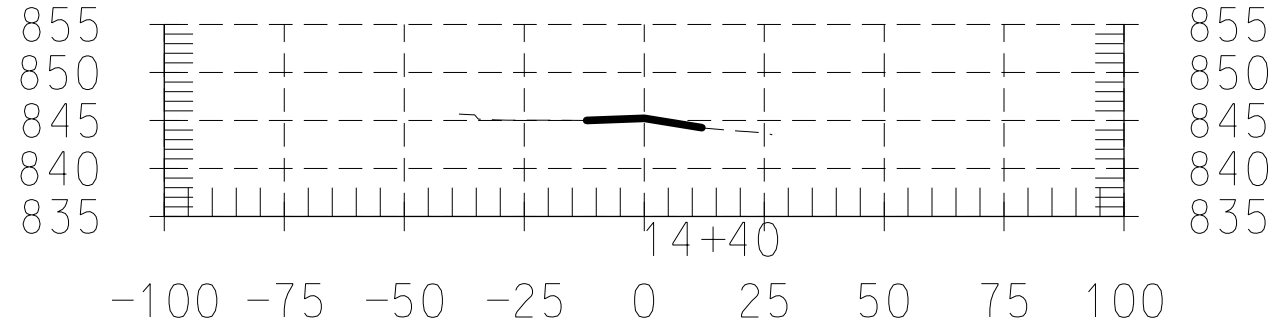
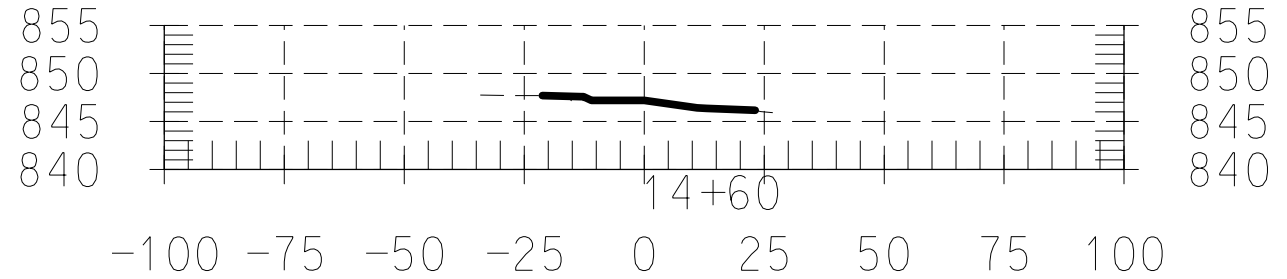
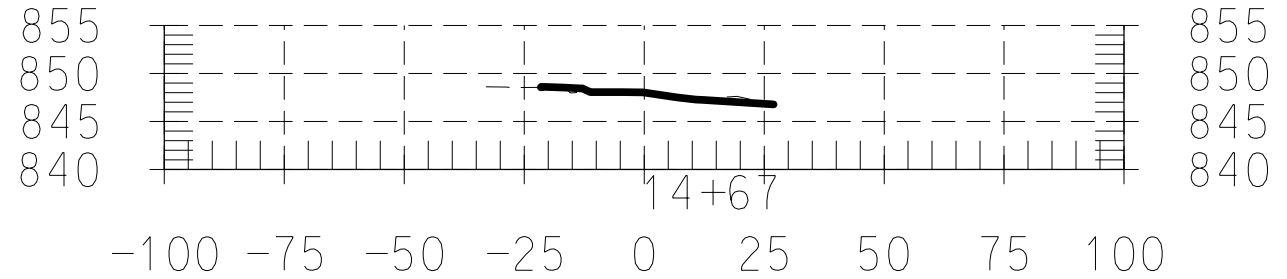
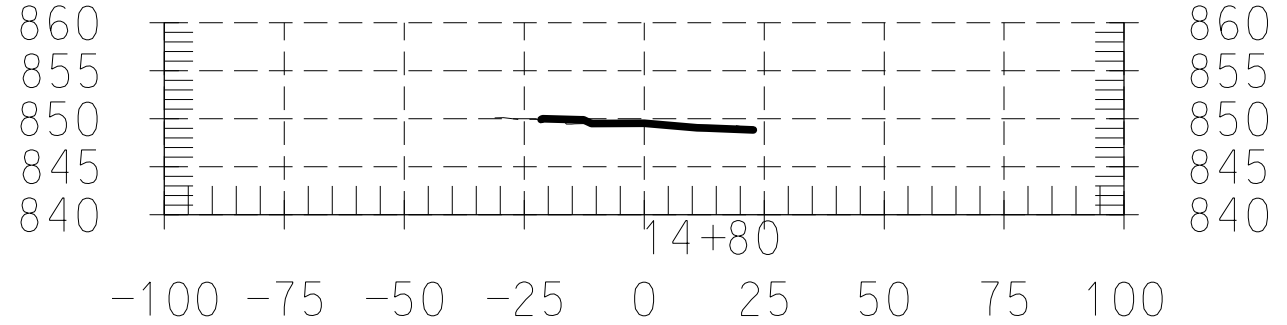
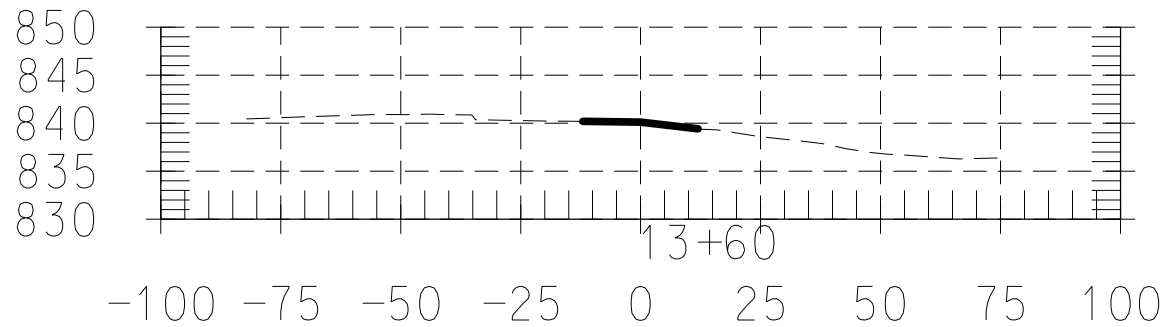
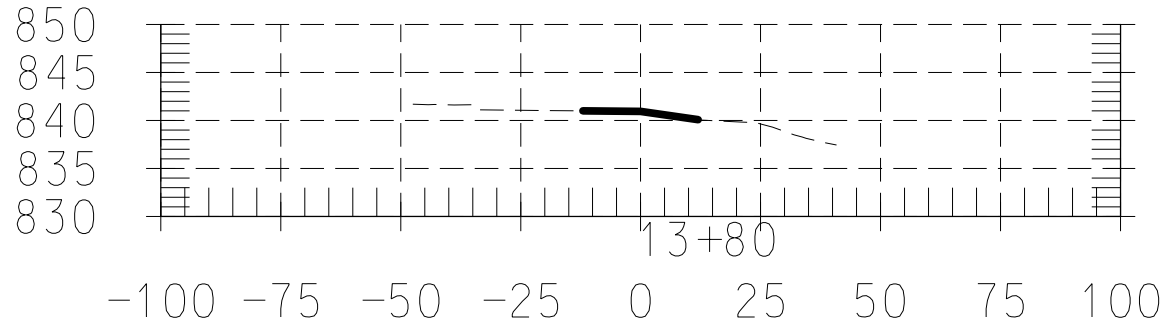
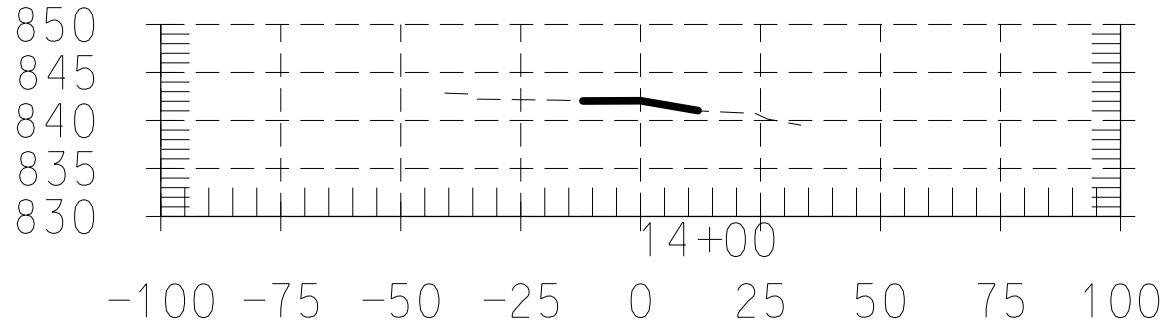
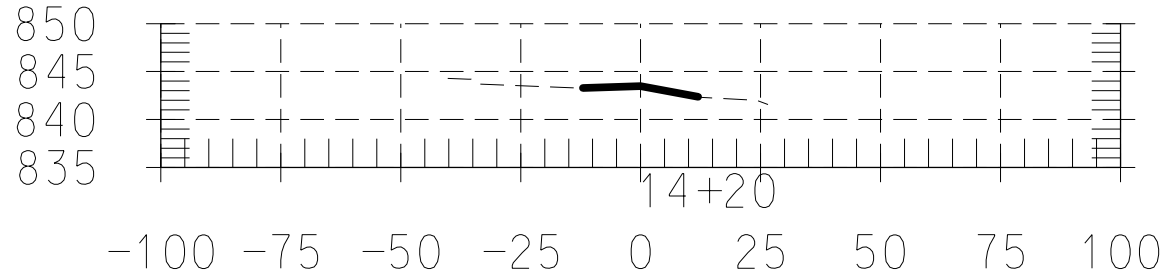
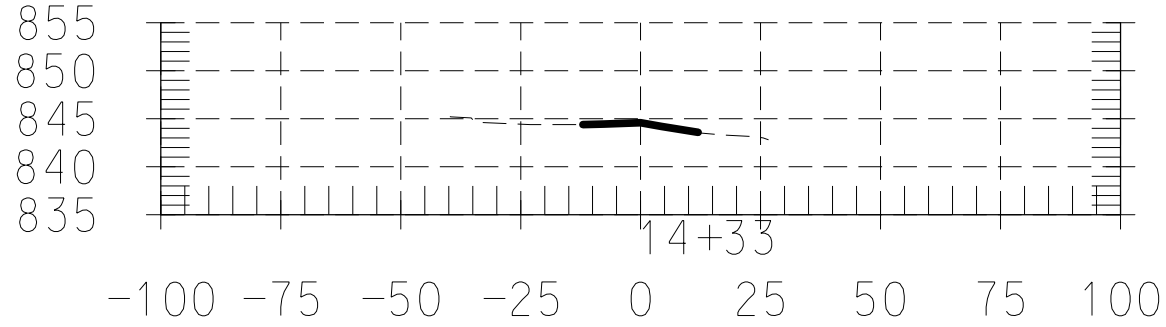
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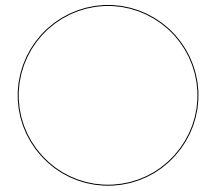
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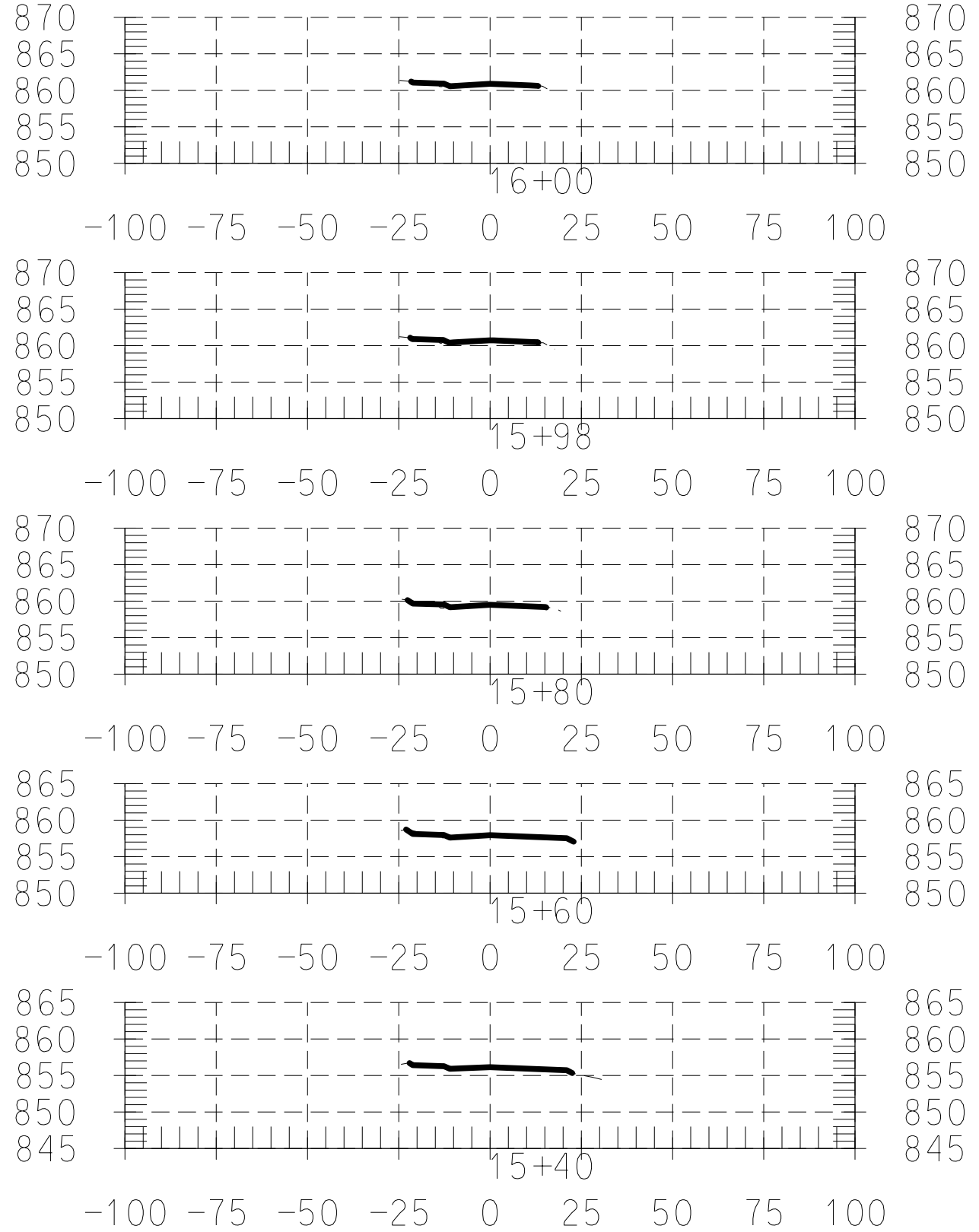
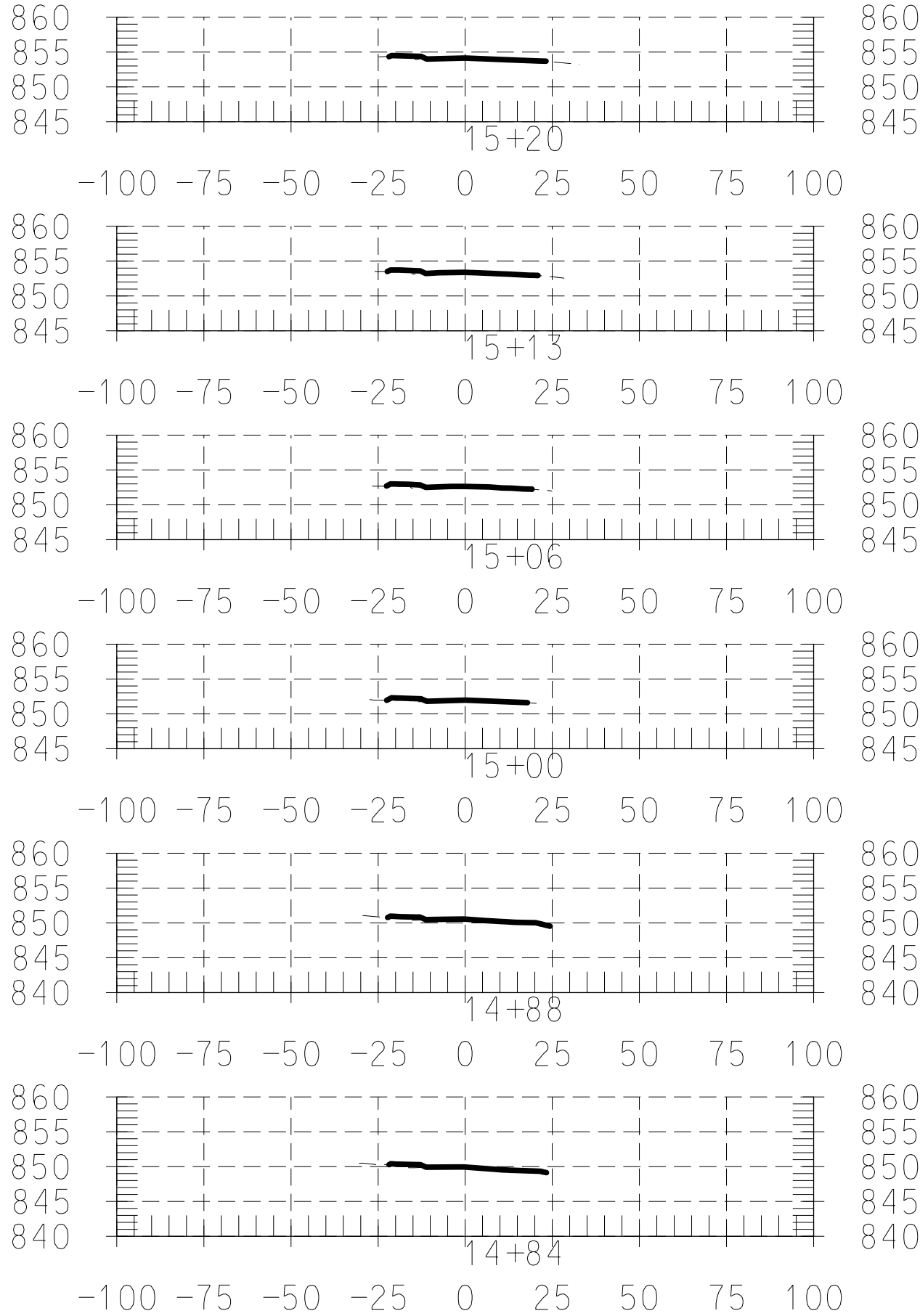
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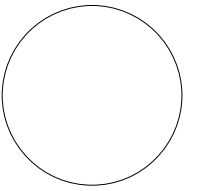
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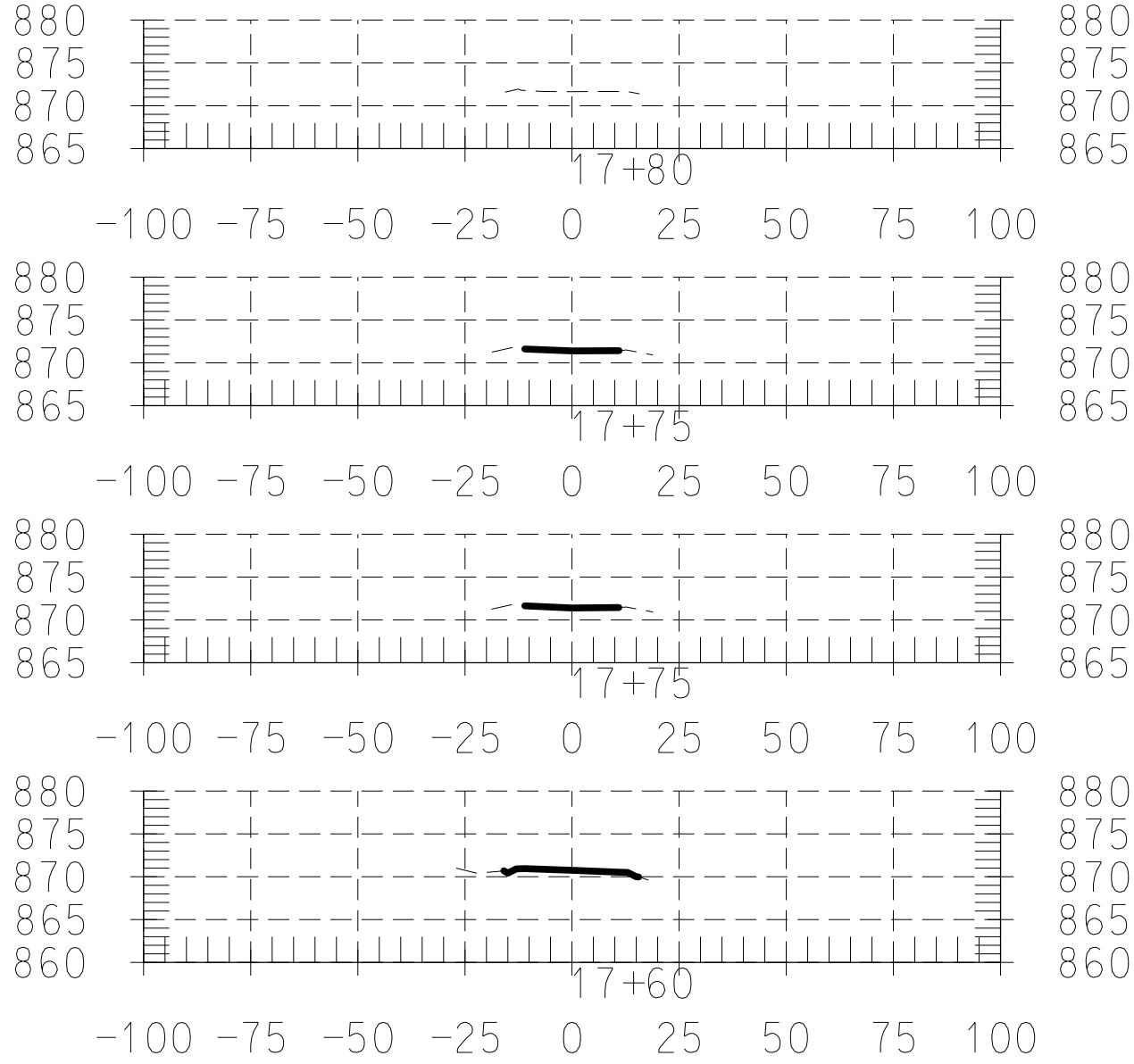
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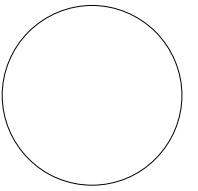
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