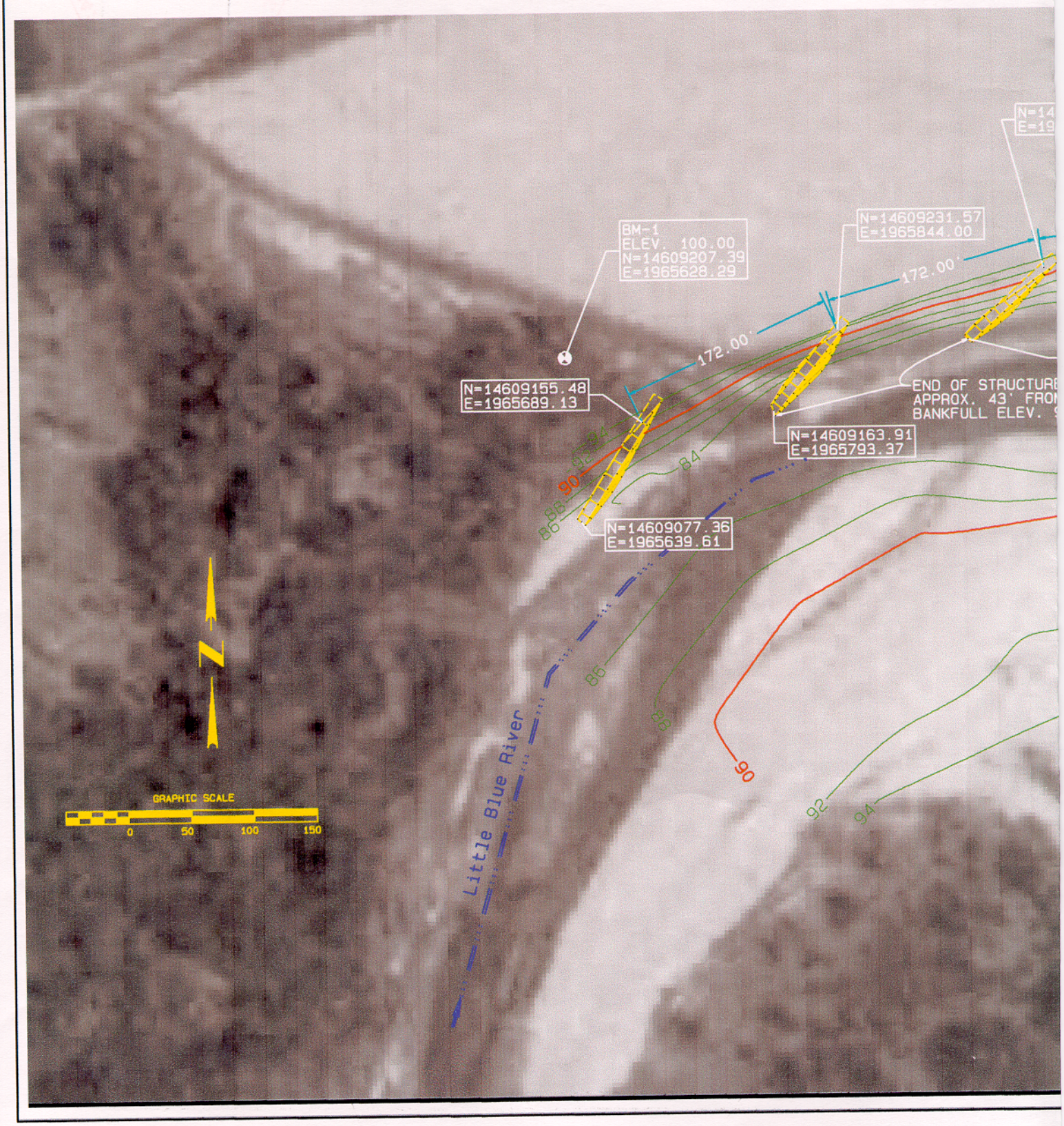
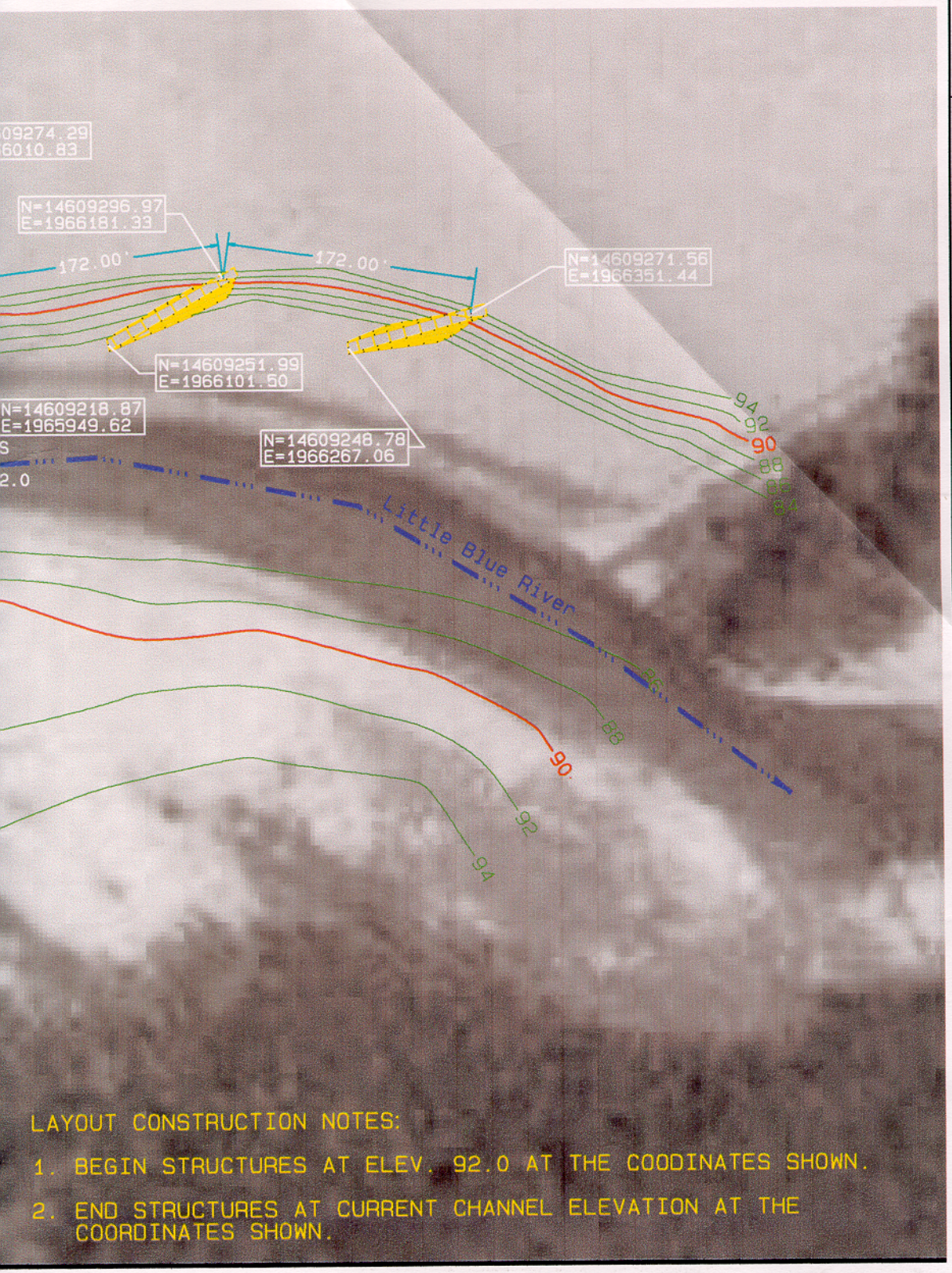

BM-1
ELEV. 100.00
N=14609207.39
E=1965628.29
N=14609231.57
E=1965844.00
172.00'
172.00'
N=14609155.48
E=1965689.13
END OF STRUCTURE
APPROX. 43' FROM
BANKFULL ELEV.
N=14609163.91
E=1965793.37
N=14609077.36
E=1965639.61
84
86
88
90
92
94
Little Blue River
N
GRAPHIC SCALE
0
50
100
150



LAYOUT CONSTRUCTION NOTES:

1. BEGIN STRUCTURES AT ELEV. 92.0 AT THE COODINATES SHOWN.
2. END STRUCTURES AT CURRENT CHANNEL ELEVATION AT THE COORDINATES SHOWN.

		Date
Designed	J.E.MYERS	2/02
Drawn	J.E.MYERS	2/02
Checked	ALLEN GEHRING	8/02
Approved		

PLAN VIEW

MIKE BURESH BANK STABILIZATION

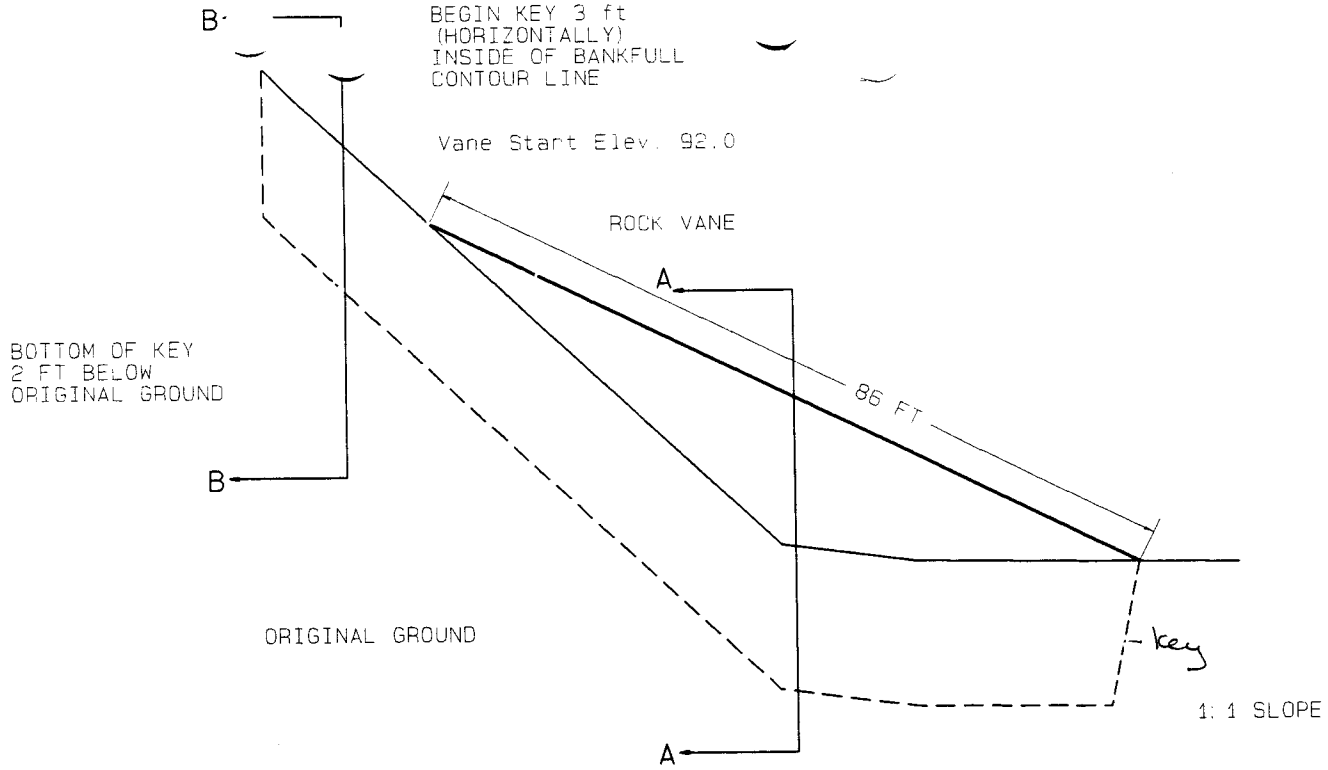
NUCKOLLS COUNTY, NEBRASKA

NRCS Natural Resources Conservation Service

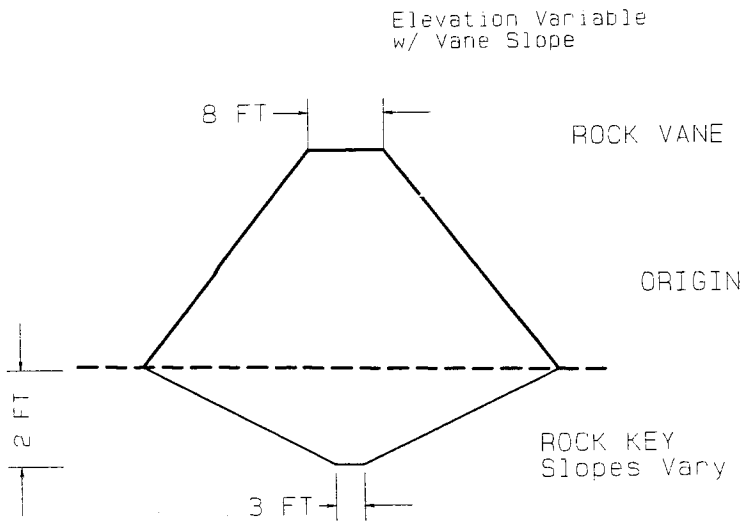
File No.

Drawing No.

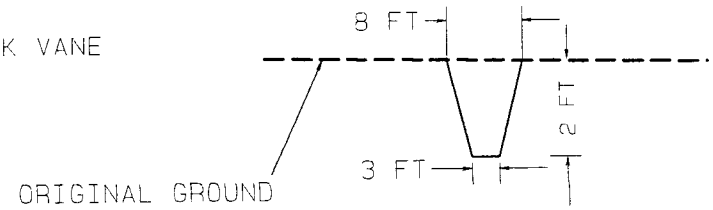
Sheet 4 of 4



TYPICAL PROFILE OF VANE
(NOT TO SCALE)



TYPICAL SECTION A-A



TYPICAL SECTION B-B
ROCK KEY

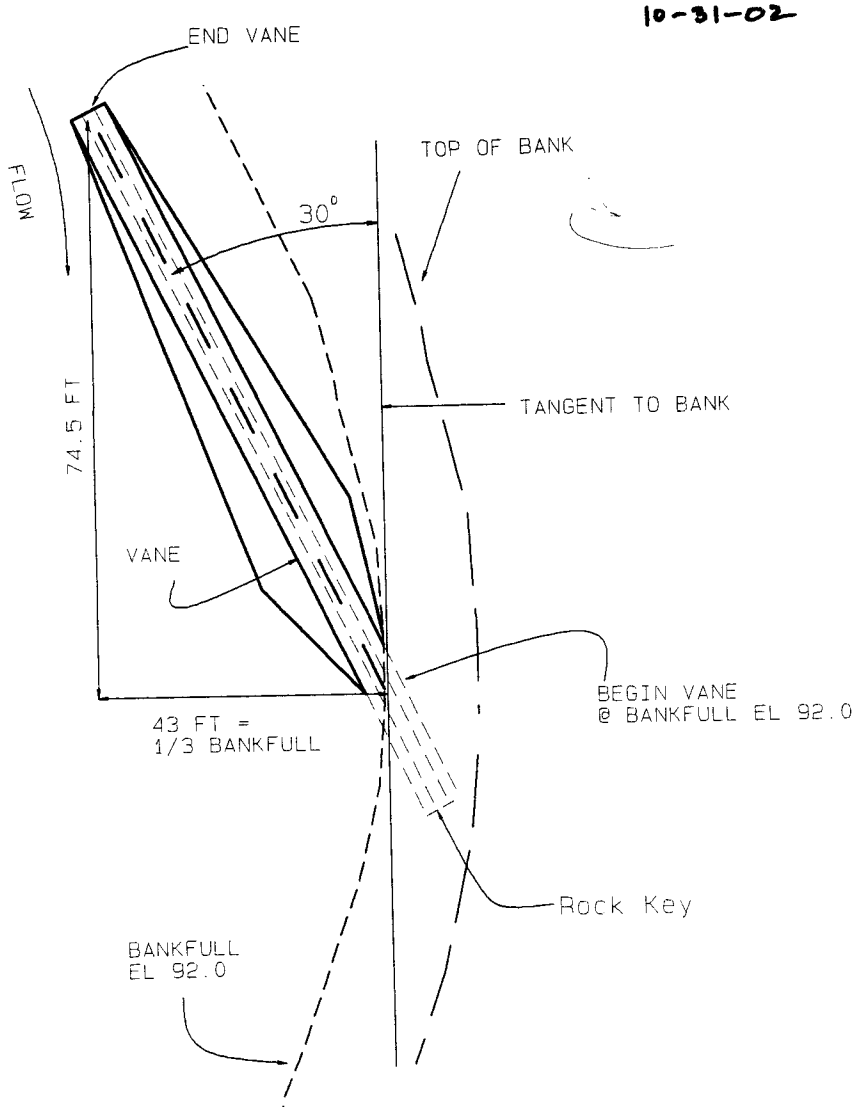
~~SCALE:~~
~~1" = 20 FT HORIZONTALLY~~
~~1" = 4 FT VERTICALLY~~

LAYOUT TABLE

VANE NO. NO.	DISTANCE TO NEXT VANE	DEFLECTION ANGLE UPSTREAM (degrees)	VANE LENGTH
1	172	30	86
2	172	30	86
3	172	30	86
4	172	30	86
5	172	30	86

PROFESSIONAL CIVIL ENGINEER
TIMOTHY G. HAKENSTAD
E-6793
STATE OF NEBRASKA

10-31-02



PLAN VIEW OF TYPICAL ROCK VANE

		Date
Designed	J.E.MYERS	2/02
Drawn	J.E.MYERS	2/02
Checked	ALLEN GEHRING	8/02
Approved		

VANE DETAILS

MIKE BURESH BANK STABILIZATION

NUCKOLLS COUNTY, NEBRASKA

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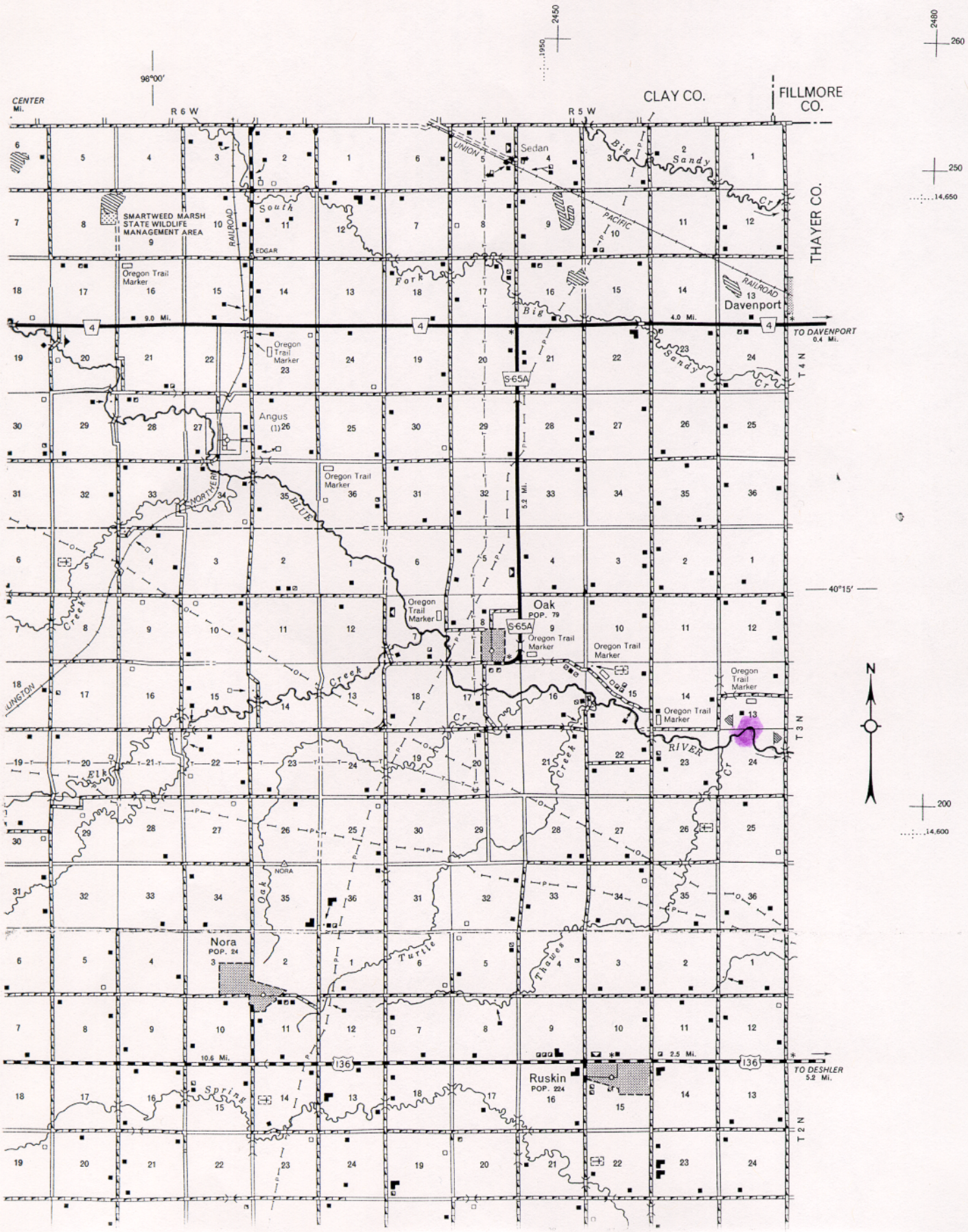
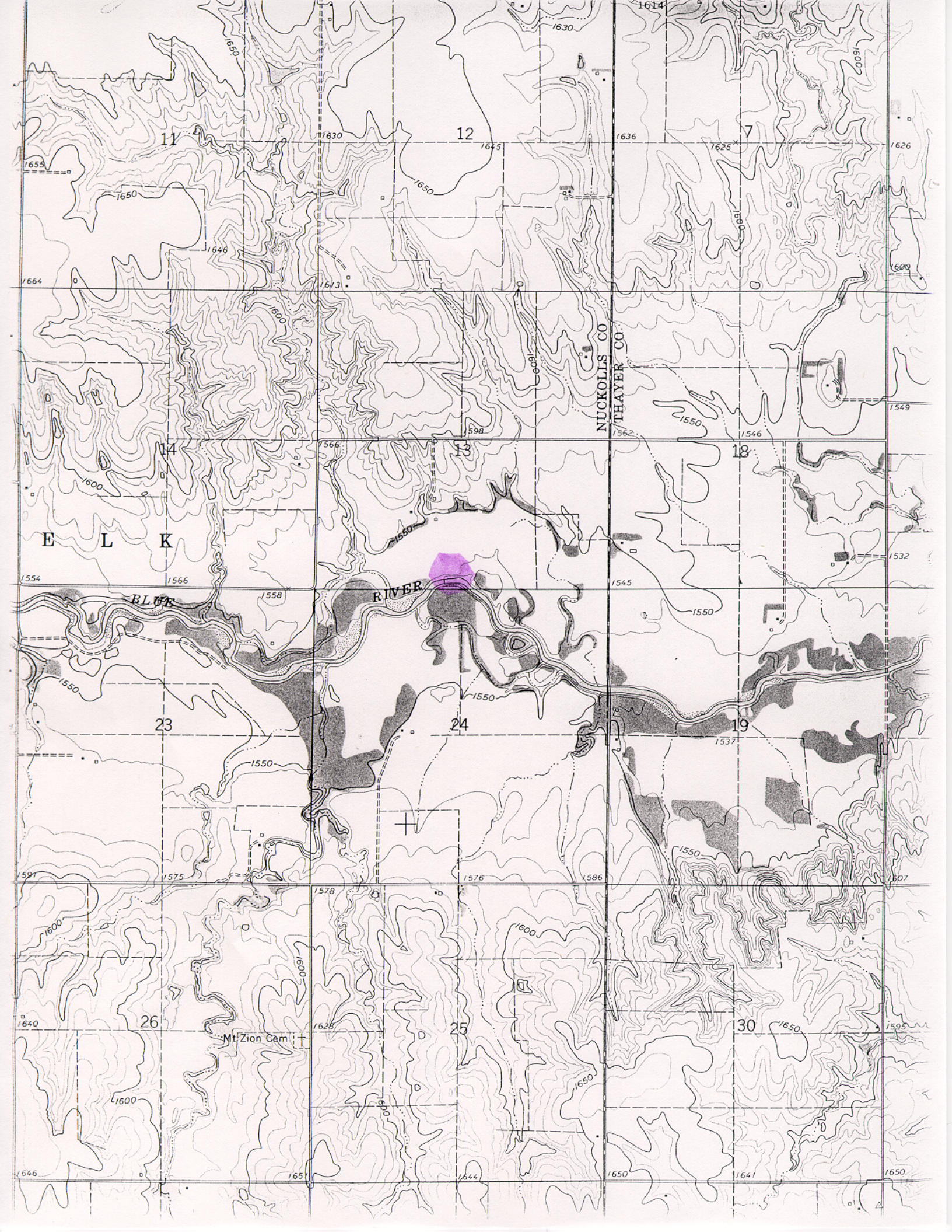
File No.

Drawing No.

Sheet 3 of 4


CLAY CO.
FILLMORE CO.
THAYER CO.
CENTER
R 6 W
R 5 W
T 4 N
T 3 N
T 2 N
Sedan
UNION
PACIFIC
RAILROAD
Big Sandy Cr
SMARTWEED MARSH STATE WILDLIFE MANAGEMENT AREA
South Fork Big Sandy Cr
EDGAR
Oregon Trail Marker
Davenport
9.0 Mi.
4.0 Mi.
TO DAVENPORT 0.4 Mi.
S-65A
Angus
NORTHERN
BLUE
5.2 Mi.
Oak
POP. 79
Elk Creek
Oak Creek
RIVER
NORA
Nora
POP. 24
Turtle Creek
Thayer Cr
10.6 Mi.
2.5 Mi.
136
Ruskin
POP. 224
TO DESHLER 5.2 Mi.
Spring
40°15'
96°00'
N
2450
1950
2480
260
250
14,650
200
14,600


11
12
7
14
13
18
23
24
19
26
25
30
E L K
BLUE RIVER
NUCKOLLS CO
THAYER CO
Mt Zion Cem