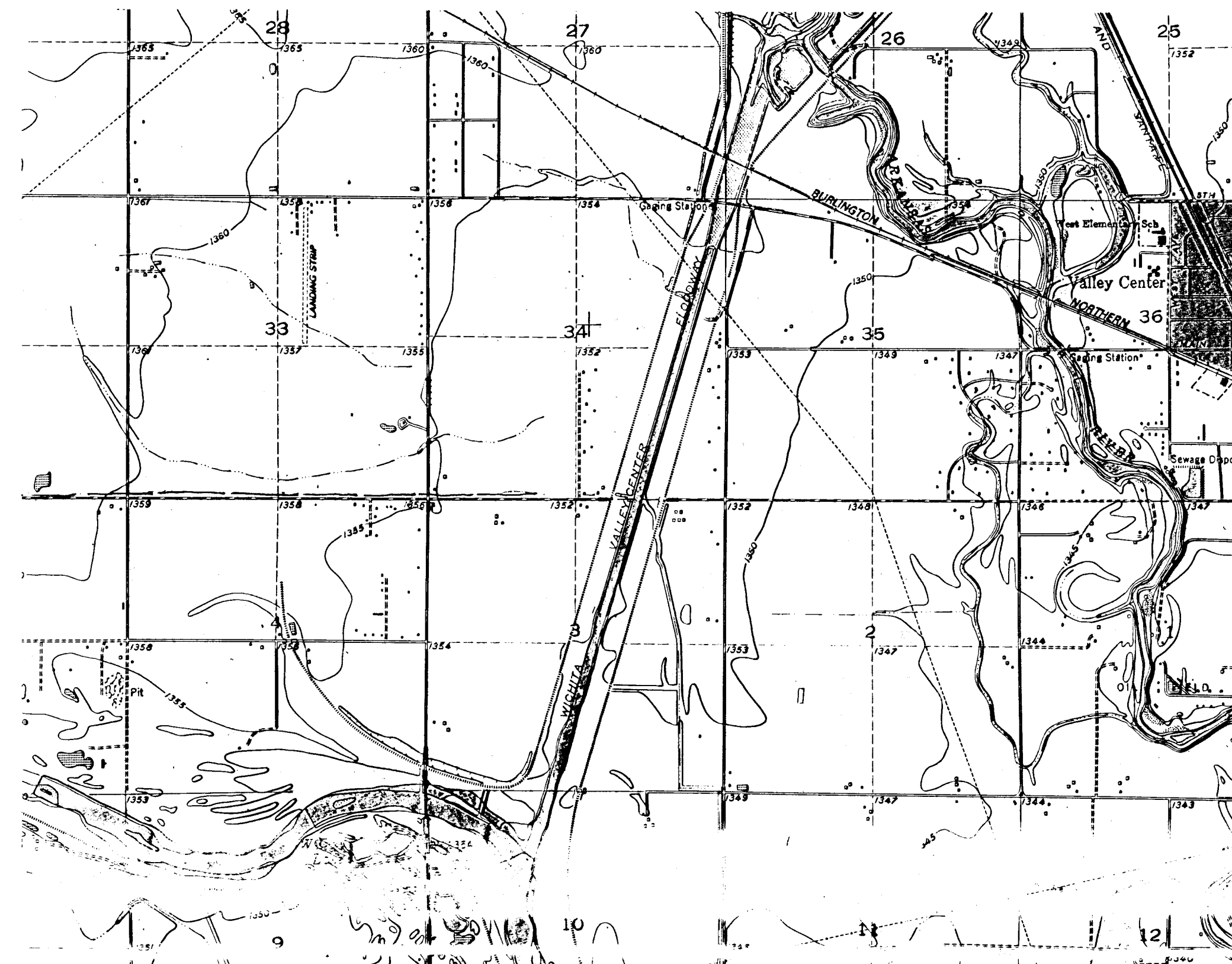


City of Wichita

Sedgwick County, Kansas

Wichita-Valley Center Floodway Channel Improvements

City Engineer: Mr. Mike Lindebak, P.E.



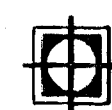
Vicinity Map
(1"=2000')

INDEX OF SHEETS:

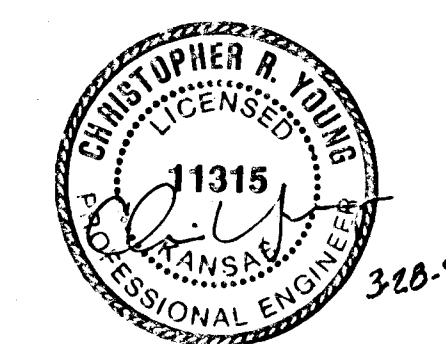
Title Sheet	1
Key Map and General Notes	2
Grading Plan (Sta. 56+00 to Sta. 69+15)	3
Grading Plan (Sta. 69+15 to Sta. 85+40)	4
Grading Plan (Sta. 85+40 to Sta. 101+00)	5
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Cross Sections (Sta. 48+10 to Sta. 58+55)	7
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Cross Sections (Sta. 85+40 to Sta. 88+50)	10
Cross Sections (Sta. 91+50 to Sta. 100+70)	11
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COW Project No.: 468 82503
Index Code: 791335

March, 1996

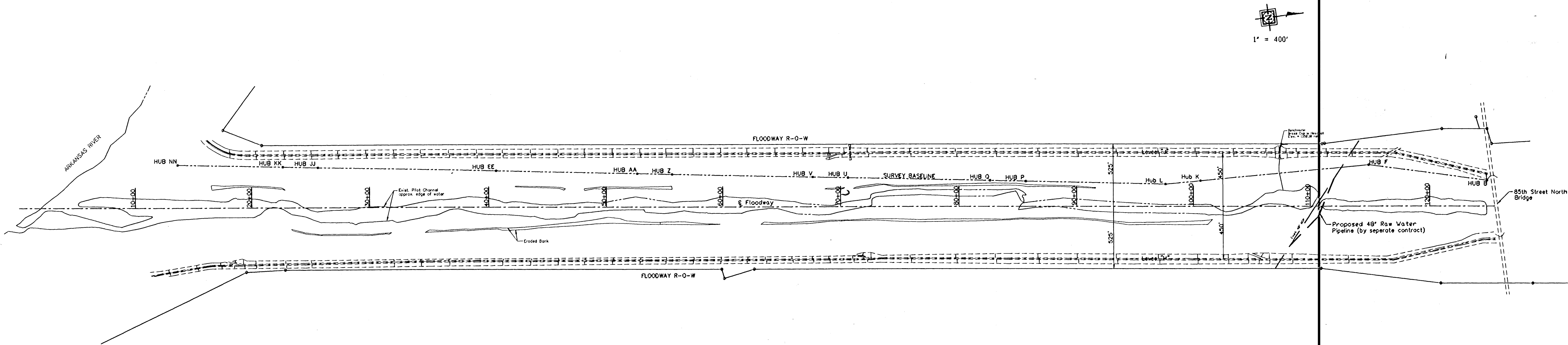


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100 South Georgia • Derby, Kansas • 67037



GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE USGS DATUM.
2. AT LEAST 72 HOURS PRIOR TO BEGINNING ANY EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE LOCAL UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA.
3. THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
CITY OF WICHITA CENTRAL MAINTENANCE FACILITY 268-4090
4. POSITIVE DRAINAGE SHALL BE PROVIDED FOR ALL AREAS ON OR NEAR SPOIL AREAS. NATURAL DRAINAGE WAYS SHALL BE MAINTAINED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING EXISTING PROPERTY IRONS AND RIGHT-OF-WAY MONUMENTS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS OR RIGHT-OF-WAY MONUMENTS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS OR MONUMENTS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
6. ANY STONE OR CONCRET CONSTRUCTION RUBBLE USED IN THIS PROJECT SHALL BE FREE OF PROTRUDING STEEL AND WIRE REINFORCEMENT, PAPER, WOOD, PLASTIC, OR ASPHALT MATERIALS.
7. SHOULD A SPILL OF GASOLINE OR DISCHARGE OF POLLUTANTS OCCUR, THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT SHALL BE NOTIFIED IMMEDIATELY (913-296-1300).
8. ALL WORK PERFORMED INSIDE THE WICHITA-VALLEY CENTER FLOODWAY IS SUBJECT TO THE PROVISIONS OF THE US CORPS OF ENGINEERS PERMITTING REGULATIONS.
9. THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE.
10. THE ACCOMPANYING GRADING PLAN SHEETS AND CROSS SECTIONS ARE PROVIDED FOR INFORMATION ONLY. REFER TO THE CONTRACT DOCUMENTS/SPECIFICATIONS FOR CHANNEL IMPROVEMENT CONSTRUCTION REQUIREMENTS.



BASELINE, HORIZONTAL CONTROL:

HUB B = N. 11,132.7248	E. 10,100.3889	HUB V = N. 5,445.3673	E. 9,537.3356
HUB F = N. 10,164.8830	E. 9,876.9450	HUB Z = N. 4,253.0809	E. 9,401.4920
HUB K = N. 8,726.0830	E. 9,876.9450	HUB AA = N. 3,955.0093	E. 9,367.5311
HUB L = N. 8,426.0830	E. 9,876.9450	HUB EE = N. 2,762.7229	E. 9,231.6875
HUB P = N. 7,233.7968	E. 9,741.1011	HUB JJ = N. 1,272.3649	E. 9,061.8830
HUB Q = N. 6,935.7252	E. 9,707.1402	HUB KK = N. 974.2933	E. 9,027.9221
HUB U = N. 5,743.4389	E. 9,571.2965	HUB NN = N. 80.0785	E. 8,926.0394

BENCHMARK:

USGS BRASS CAP, NORTH CORNER HEADWALL WEST
SIDE LEVEE "J". ELEV. = 1352.30 MSL

CENTERLINE FLOODWAY, HORIZONTAL CONTROL:

STA. 25+00 = N. 1,178.4351	E. 9,391.7378
STA. 50+00 = N. 3,667.7065	E. 9,623.0987
STA. 75+00 = N. 6,156.9779	E. 9,854.4596
STA. 100+00 = N. 8,646.2493	E. 10,085.9206

Young & Associates, P.A.
Civil and Environmental Engineers
1001 North Main Street, Suite 200
Wichita, Kansas 67202

Revisions:

City of Wichita
Sedgwick County, Kansas
KEY MAP
AND
GENERAL NOTES
Floodway Improvements
Wichita-Valley Center Floodway

Design By: CRV Drawn By: RTC Scale: 1" = 400'
Proj. No. 795-011-002 March, 1996 Sheet No. 2 of 12

FLOODWAY R-0-W

LEVEE - 3'

SURVEY BASELINE

Hub V

Q Floodway Sta. 55+00
Begin Bank Stabilization.
Work shall progress north to
limits as provided by funding.

Approx. limits of
eroded channel bank

Q FLOODWAY

Existing Water Surface

Approx. limits of
eroded channel bank

Approx. limits of
eroded channel bank

See cross sections, for
information only, including
proposed typical sections.

SCALE: 1" = 50'

FLOODWAY R-0-W

FLOODWAY R-0-W

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Civil and Environmental Engineers
200 N. George, Suite 1000, Wichita, KS 67202

Revisions:		
City of Wichita Sedgwick County, Kansas		
GRADING PLAN		
(Q Channel Sta. 55+31 to Sta. 69+15)		
Floodway Improvements Wichita-Valley Center Floodway		
Design By: CRY	Drawn By: JMI, MTC	Scale: 1" = 50'
Proj. No. 795-011-002	March, 1996	Sheet No. 3 of 12

FLOODWAY R-O-W

SCALE: 1" = 50'

LEVEE "J"

Sta. 85+00 Match Line

85+80

86+50

91+50

94+50

97+50

98+50

Sta. 100+00

Sta. 101+00 Match Line

Hub P

Approx. limits of eroded channel bank

SURVEY BASELINE

Hub L

Hub K

C FLOODWAY

Existing Water Surface

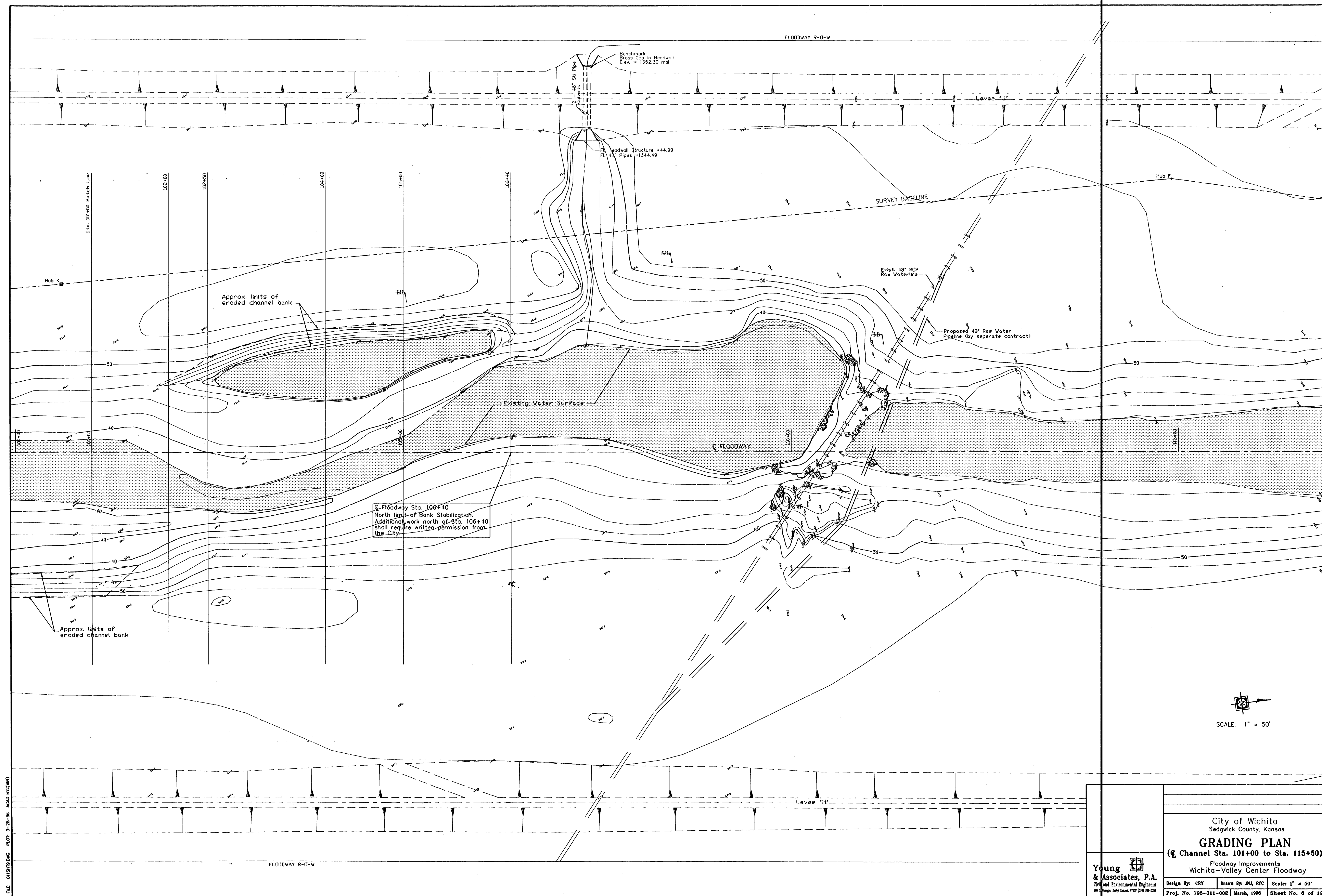
Approx. limits of eroded channel bank

FLOODWAY R-O-W

LEVEE "H"

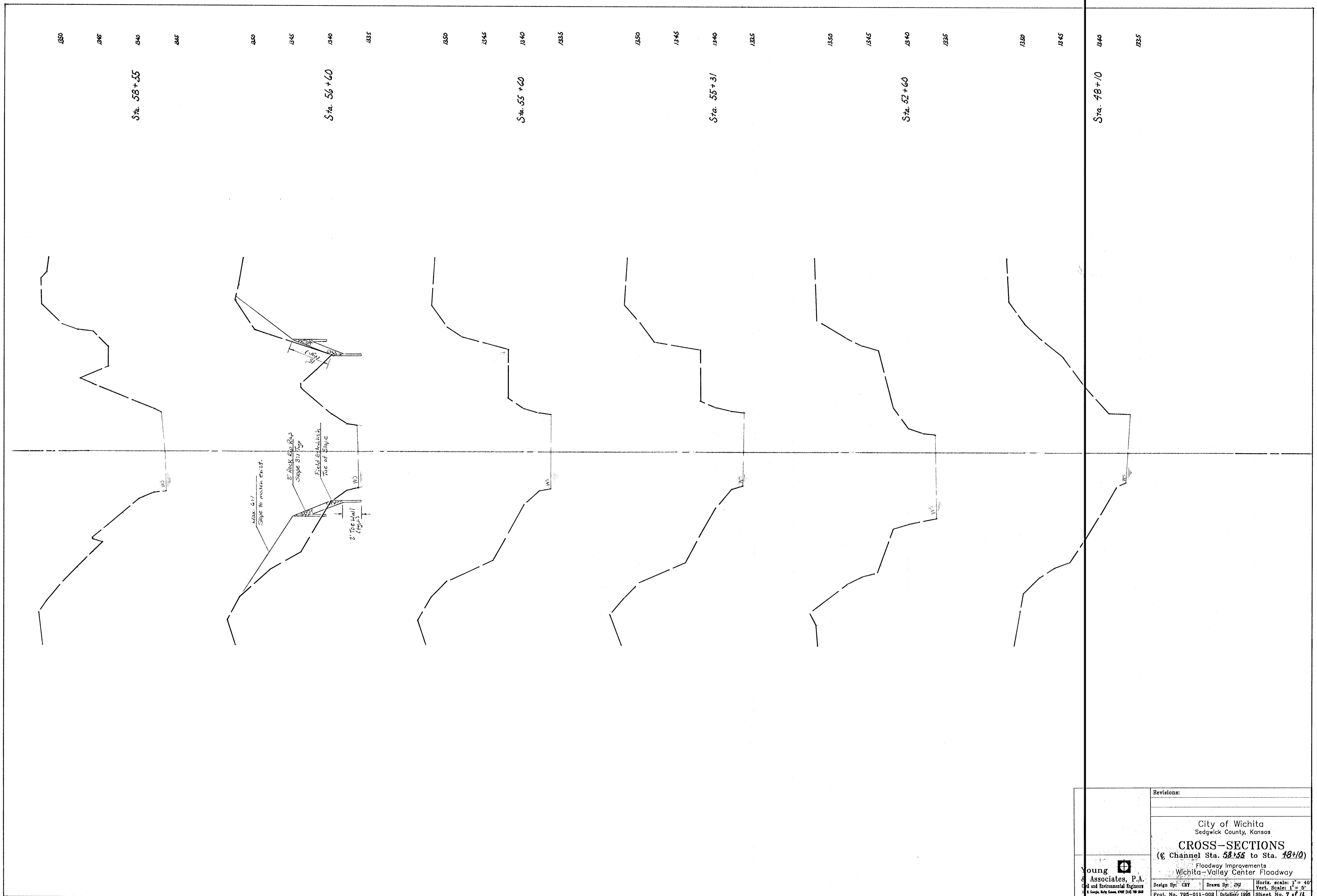
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Civil and Environmental Engineers
1001 George Street, Suite 1000, Kansas City, MO 64101

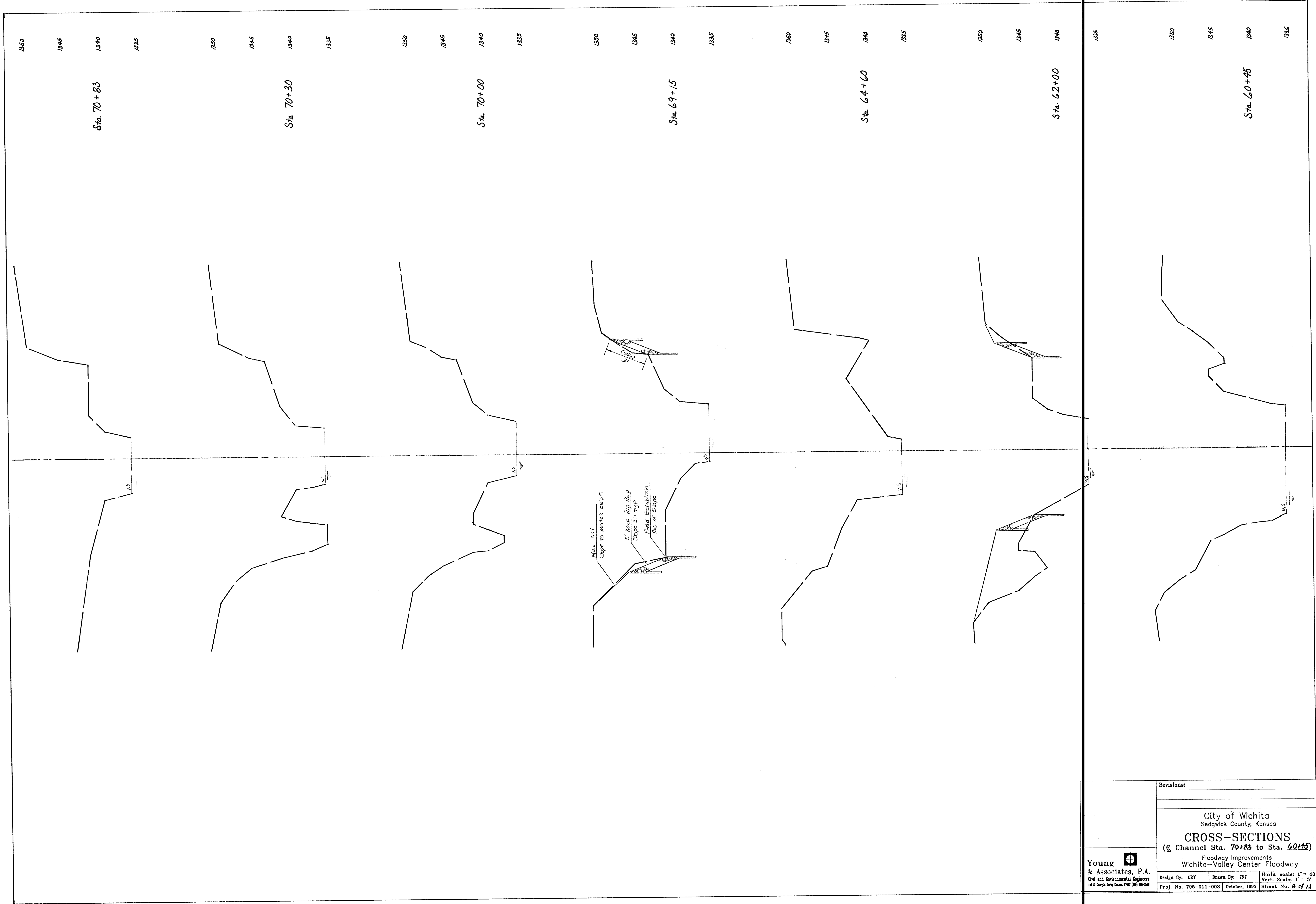
Revisions:			
City of Wichita Sedgwick County, Kansas			
GRADING PLAN			
(Channel Sta. 85+00 to Sta. 101+00)			
Floodway Improvements Wichita-Valley Center Floodway			
Design By: CHV	Drawn By: JNU	Scale: 1" = 50'	
Proj. No. 795-011-002	March, 1998	Sheet No. 5 of 12	



FILE: 015120.DWG PLOT: 1-28-96 ACAD R12(M)

	City of Wichita Sedgwick County, Kansas		
	GRADING PLAN		
	(Q Channel Sta. 101+00 to Sta. 115+50)		
	Floodway Improvements Wichita-Valley Center Floodway		
	Design By: CRY	Drawn By: JNM, RTC	Scale: 1" = 50'
Proj. No. 795-011-002			
March, 1996			
Sheet No. 6 of 12			





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City of Wichita

Sedgwick County, Kansas

CROSS-SECTIONS

(Channel Sta. 70+83 to Sta. 60+45)

Floodway Improvements

Wichita-Valley Center Floodway

Design By: CRY

Drawn By: JNJ

Horiz. scale: 1" = 40'

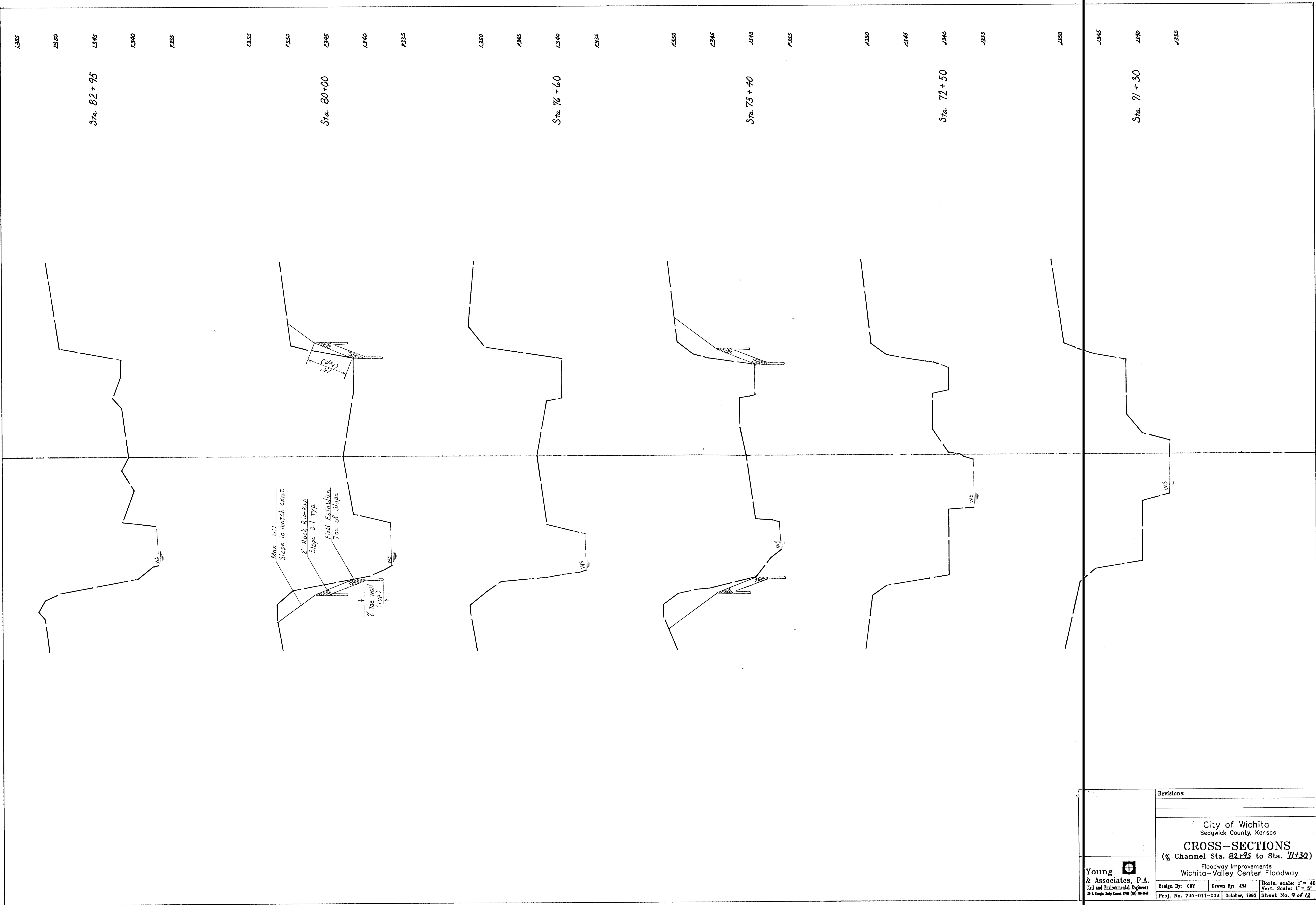
Vert. Scale: 1" = 5'

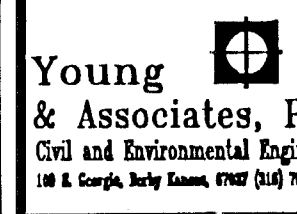
Proj. No. 705-011-002

October, 1995

Sheet No. 8 of 12

Revisions:





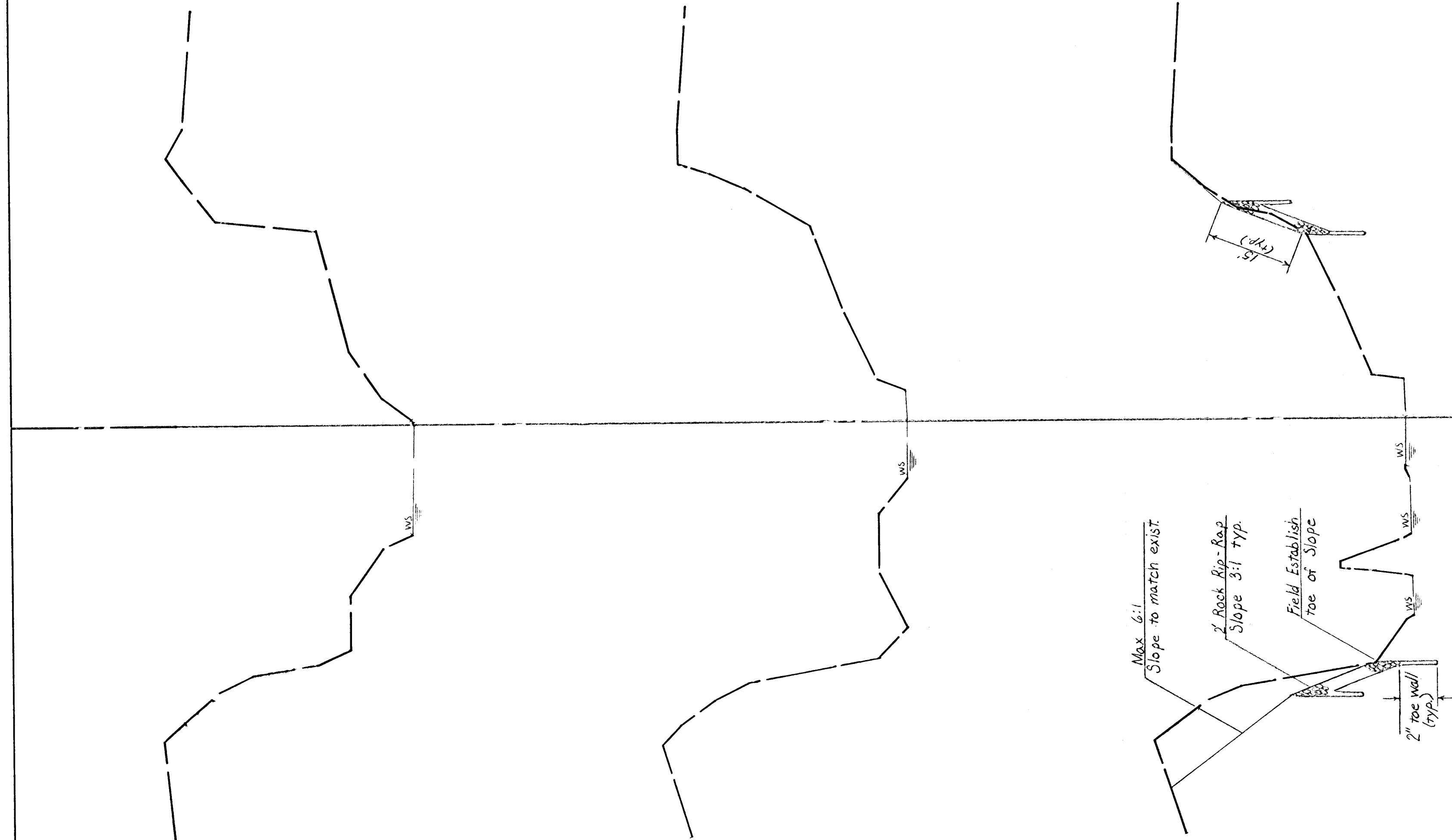
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Civil and Environmental Engineers
118 S. Georgia, Suite 200, Kansas, KS 66101-2000

City of Wichita
Sedgwick County, Kansas

CROSS-SECTIONS
(Channel Sta. 82+95 to Sta. 71+30)

Floodway Improvements
Wichita-Valley Center Floodway

Design By: CRY	Drawn By: JNJ	Horiz. scale: 1" = 40'
Proj. No. 795-011-002		Oct 1998
Sheet No. 9 of 12		



1355
1350
Sta. 88+50
1345
1340
1335

1355
1350
Sta. 85+80
1345
1340
1335

1355
1350
Sta. 85+40
1345
1340
1335



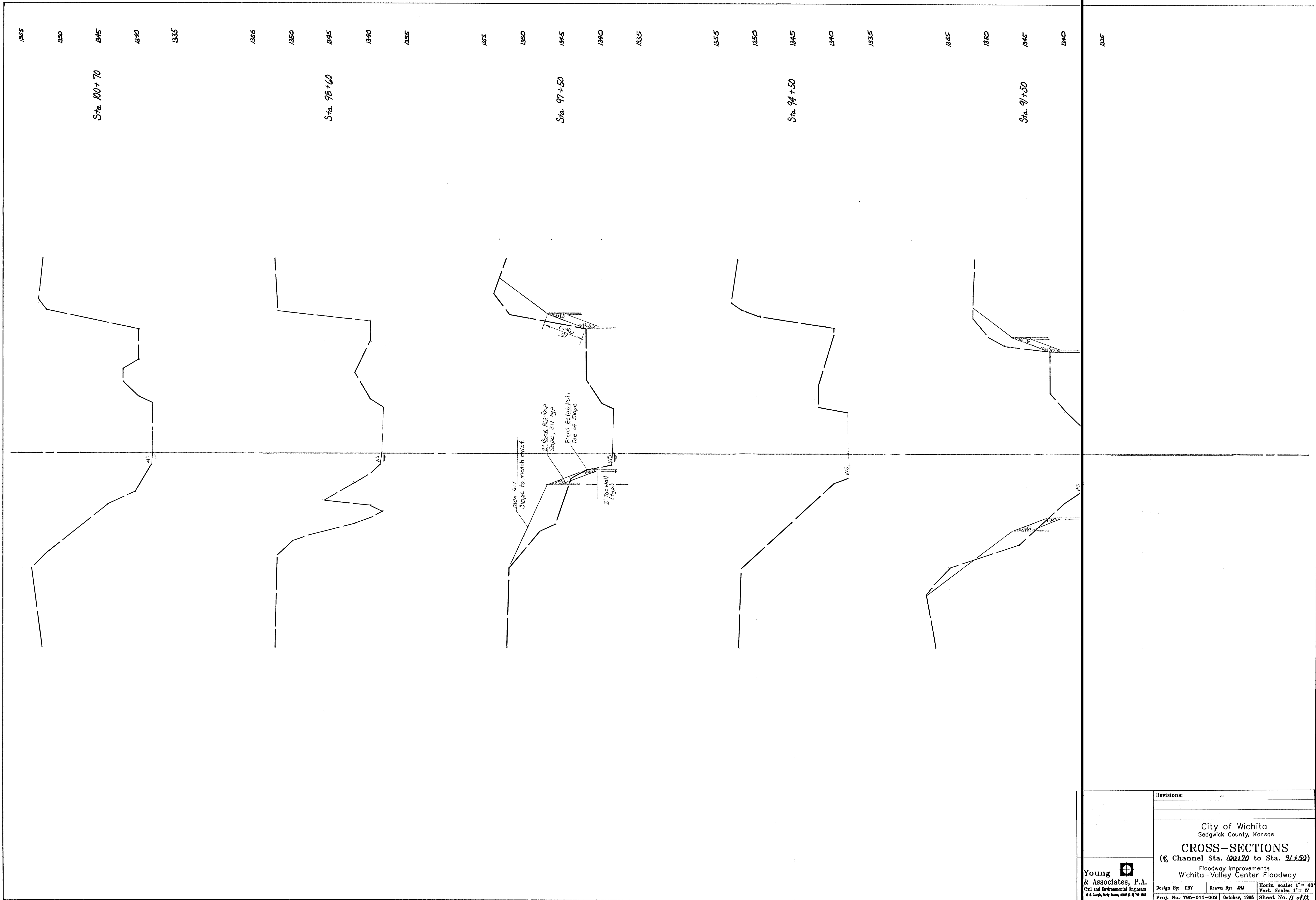
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Civil and Environmental Engineers
10 S. Georgia, Suite 200, Wichita, KS 67202

City of Wichita
Sedgwick County, Kansas

CROSS-SECTIONS
(Channel Sta. 88+50 to Sta. 85+40)

Floodway Improvements
Wichita-Valley Center Floodway

Design By: CRY	Drawn By: JNM	Horiz. scale: 1" = 40'
Proj. No. 795-011-002		October, 1995
Sheet No. 10 of 12		



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Wichita, KS 67202

Revisions:		
City of Wichita Sedgwick County, Kansas		
CROSS-SECTIONS (Channel Sta. 100+70 to Sta. 91+50)		
Floodway Improvements Wichita-Valley Center Floodway		
Design By: CRV	Drawn By: JN	Horiz. scale: 1" = 40'
Proj. No. 795-011-003	October, 1995	Vert. Scale: 1" = 5'
		Sheet No. 11 of 12

