

PROPOSED RCBC EXTENSION & CHANNEL IMPROVEMENTS

~~(TO BE CONSTRUCTED IN TWO PHASES)~~

Benchmark:

□ Cut in Top of Curb at Southeast Corner of Orme and Eastern.
Elevation = 143.21 City Datum

TO SERVE

Circuit City Addition

Private Project No. 636 PPS (607861)

Michael E. Lindeback, P.E., City Engineer

General Notes

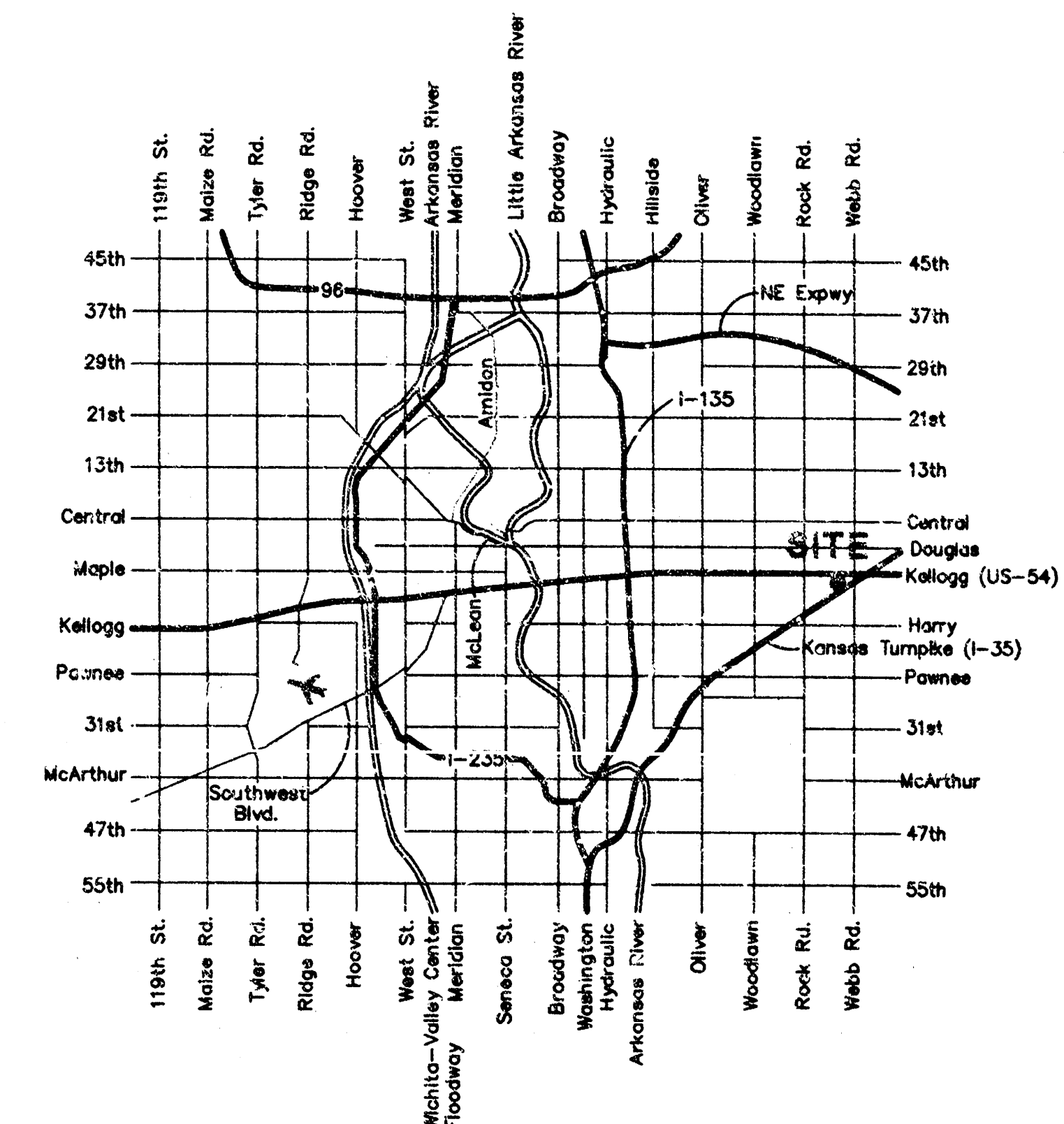
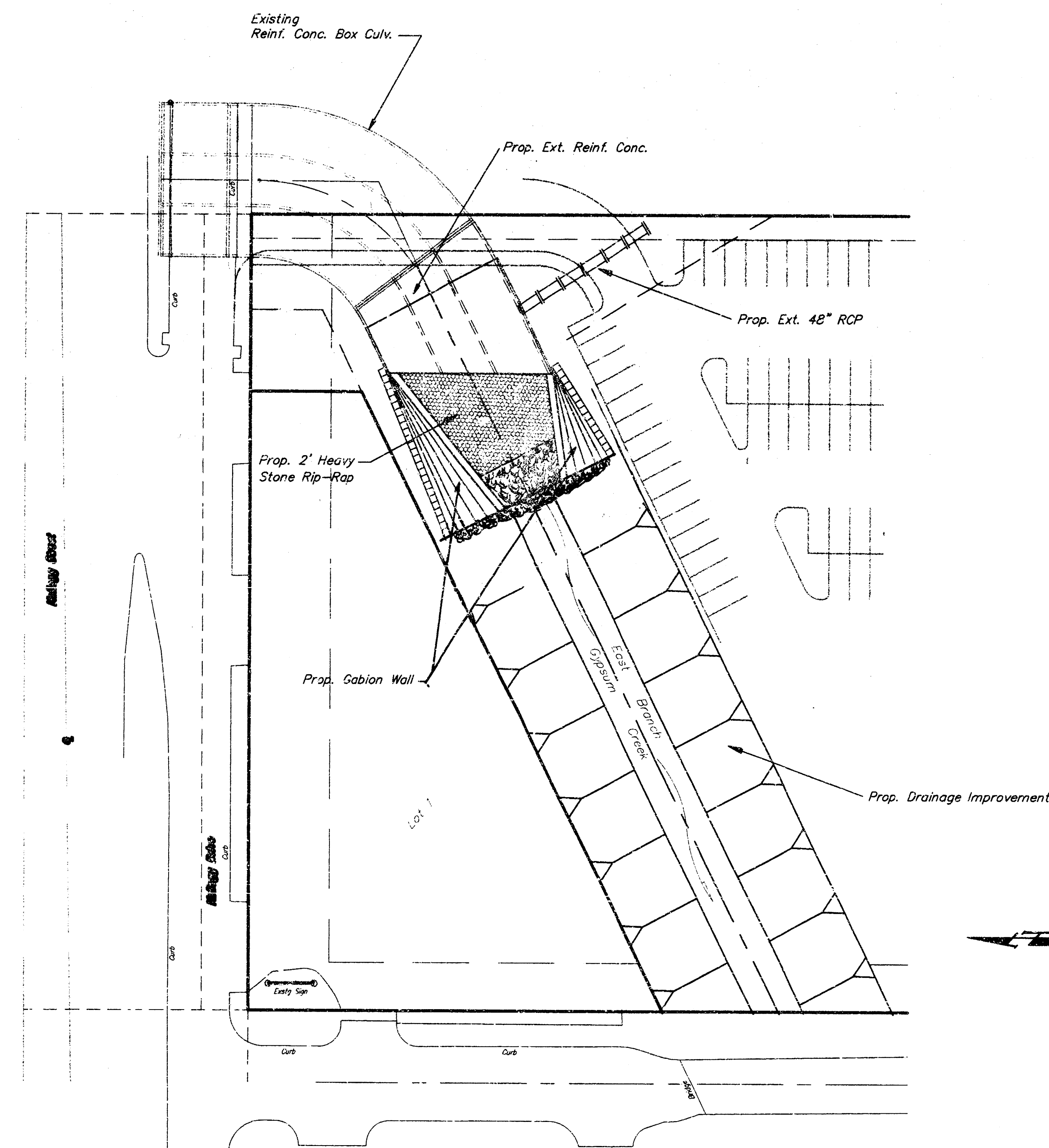
- Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of five (5) days advance notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
- Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

The Contractor must notify the following in case of an emergency:

K.P.L. Gas Service Company 383-8650
Kansas Gas & Electric Company 383-8600
Cablevision 262-4270
or 265-2061
Southwestern Bell Telephone Company 1-571-2811
City of Wichita Water Dept. 268-4908
City of Wichita Sewer Maintenance 268-4071

- Existing utilities and their locations, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company-provided field locations. The Contractor will be required to work around existing utilities which do not conflict with proposed construction. The Contractor shall verify all utility locations prior to construction of this project.
- Contractor shall verify depth & location of existing utilities prior to construction.
- The Contractor shall be responsible for maintaining continuous flow of stream through construction.
- Contractor shall use "MACCAFERRI" Gabions.
MACCAFERRI GABIONS, INC.
1623 Jeffco Blvd., Suite 213
Arnold, Missouri 63010
(314) 296-7032
Fax (314) 296-6174
Local Rep.: Craig Seiler
722-9672
- Channel lining as designated on the plans shall be North American Green "C125" with a staple pattern "D". Contact Mr. Harold Blade with ASP Enterprises • 314/343-4723.



Location Map

Index of Sheets:

Title Sheet	1
RCBC Layout	2
RCBC Extension Details	3
Handrail Details	4
RCBC Plan (Phase I)	5
Plan/Profile - SWS Line (Phase I)	6
Drainage Improvements (Phase II)	7
Cross Sections (Phase I)	8
Cross Sections (Phase II)	9

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

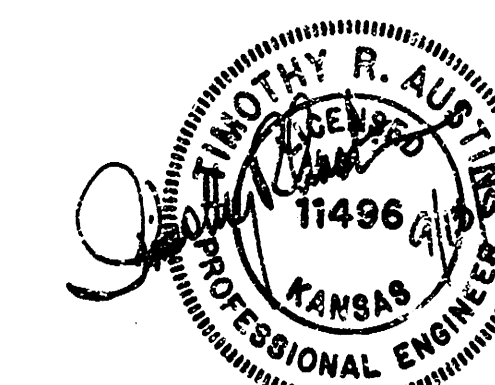
Storm Sewer Line Path 913-26

NOTE TO CONTRACTORS

Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be continued without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

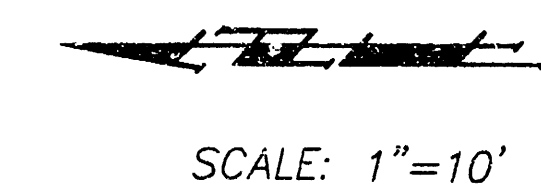
INSPECTORS: LYLE POWERS
CHRIS EDWARDS } BAUGHMAN COMPANY
JEFF BRADLEY }

ASBUILT 3/24/97 JFB BAUGHMAN COMPANY.



BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

BOOKED
5-14-97
McG
D-339



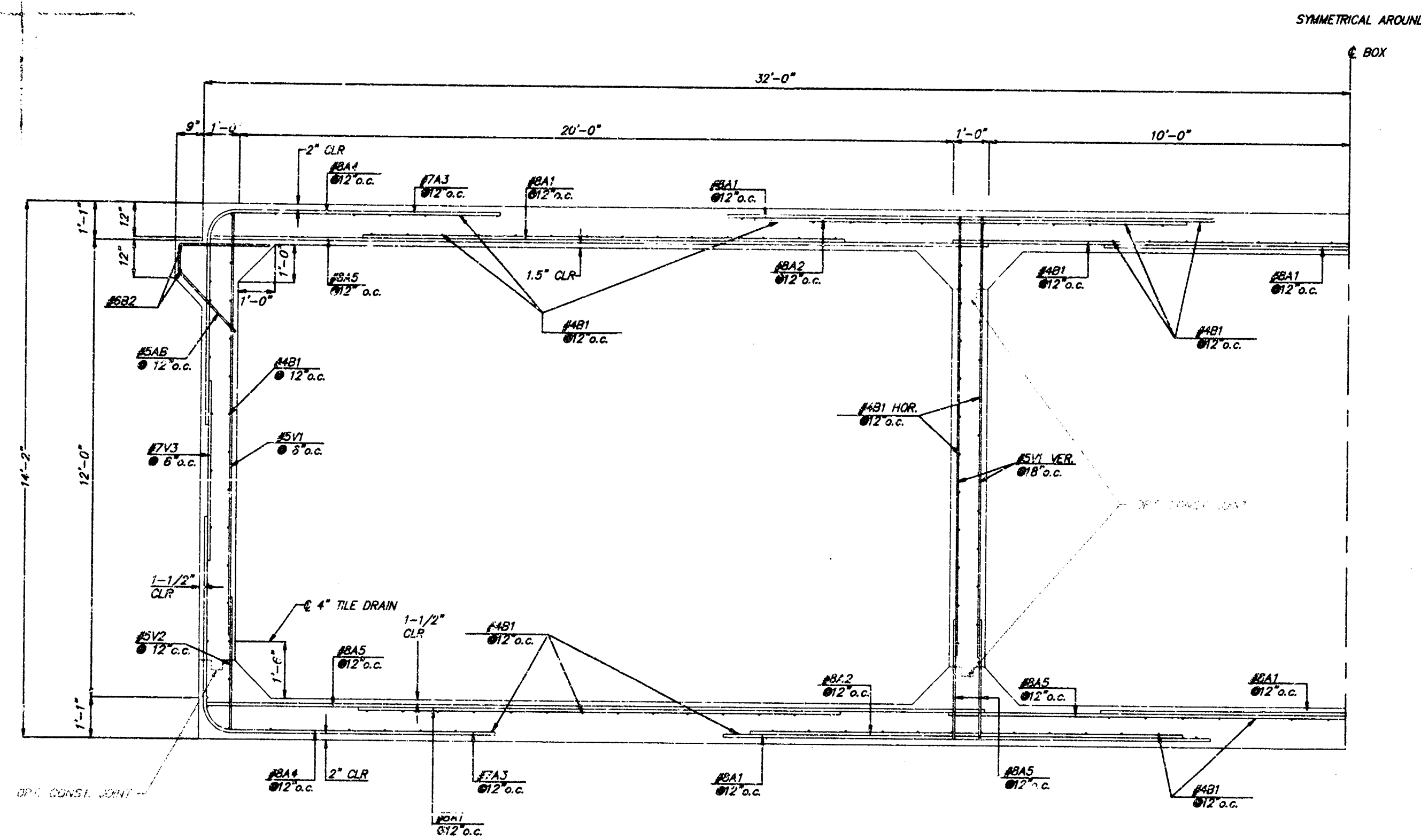
1. All construction is to be in accordance with the latest edition of the Standard Specifications for Road and Bridge Construction as published by the Kansas Department of Transportation.
2. Contractor shall take precautionary measures to protect adjacent buildings and properties from construction operations.
3. Contractor is to verify the existing box conditions prior to construction of the extension.

The quantities shown are approximate and for information only.

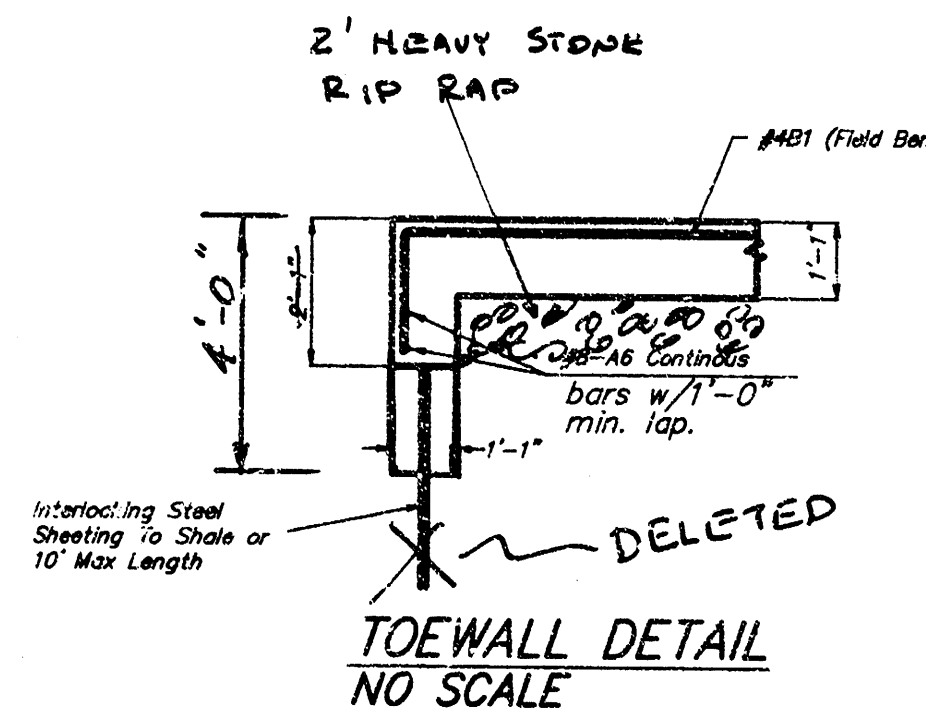
DESIGN LOADING:
HS20-44

ASBUILT: 3/24/97 JFB
BAUGHMAN CO.

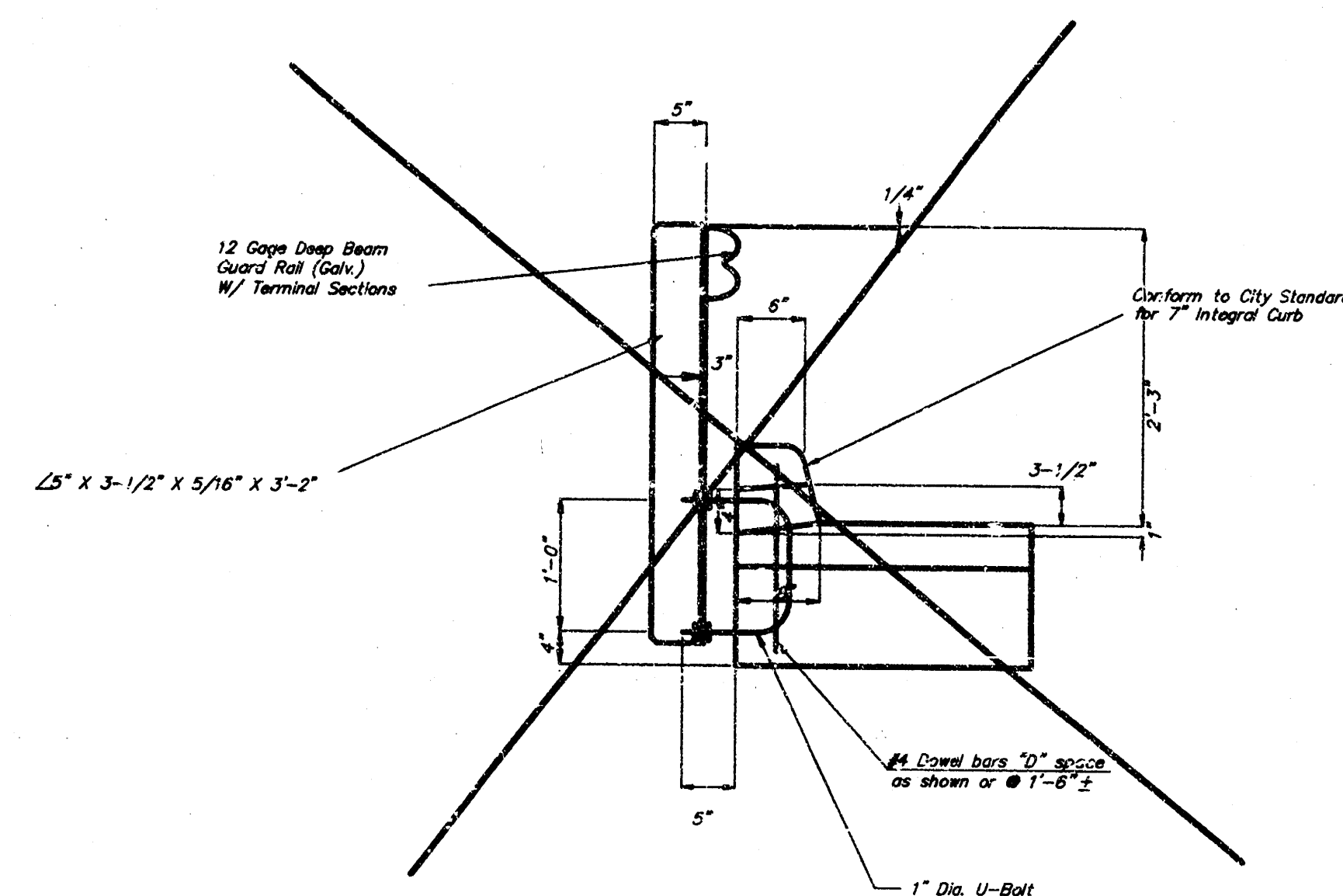
CIRCUIT CITY ADDITION			
RCBC LAYOUT			
WICHITA, KANSAS			
 BAUGHMAN COMPANY P. A. ENGINEERING, SURVEYING, & PLANNING 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
836 FPS (R0681)			
DESIGN	DRAWN	APPROVED	SHEET
	73	DATE 09/26	2
		SCALE 1"=40'	OF 9



SECTION THRU BOX
NO SCALE

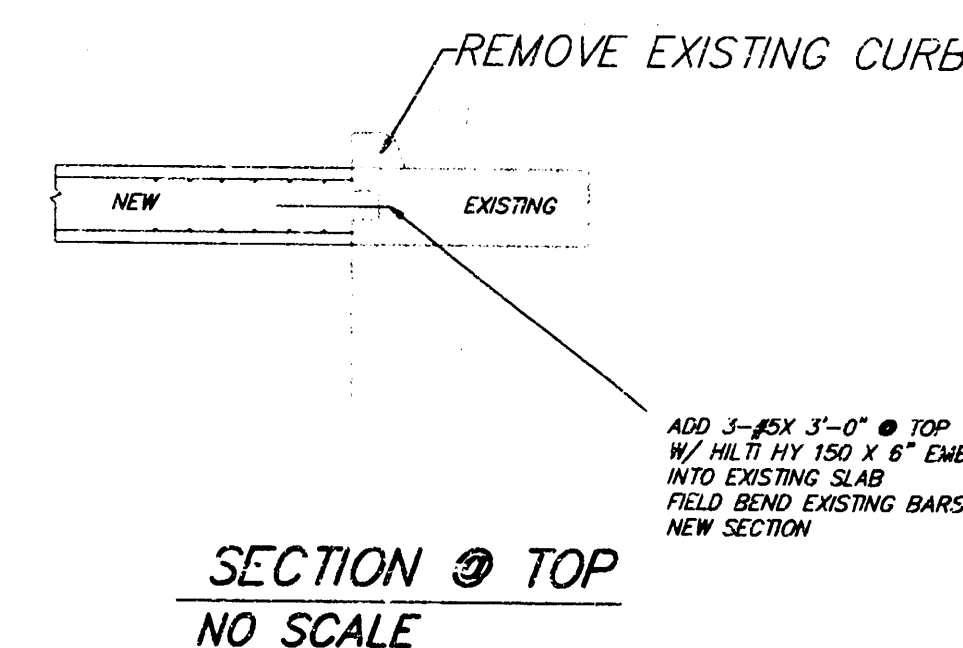


MARK	NO. REQ.	SIZE	LENGTH	SHAPE
A1	538	8	13' 6"	
A2	214	8	12' 0"	
A3	202	7	13' 6"	
A4	200	8	11' 6"	
A5	300	8	22' 0"	
A6	142	8	Stock	
AB	100	5	5' 6"	
B1	900 L.F.	4	Stock	Field Cut
B2	220 L.F.	6	Stock	Field Cut
V1	340	5	11' 10"	
V2	306	5	3' 6"	
V3	202	7	4' 9"	
V4	16	6	9' 0"	

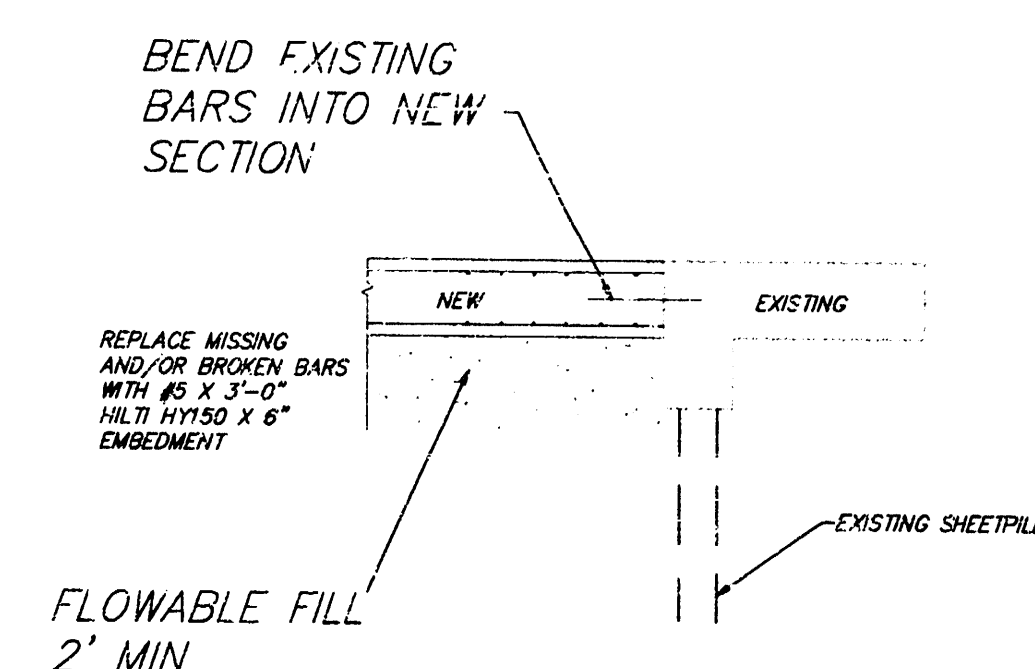


SECTION B-B
NO SCALE

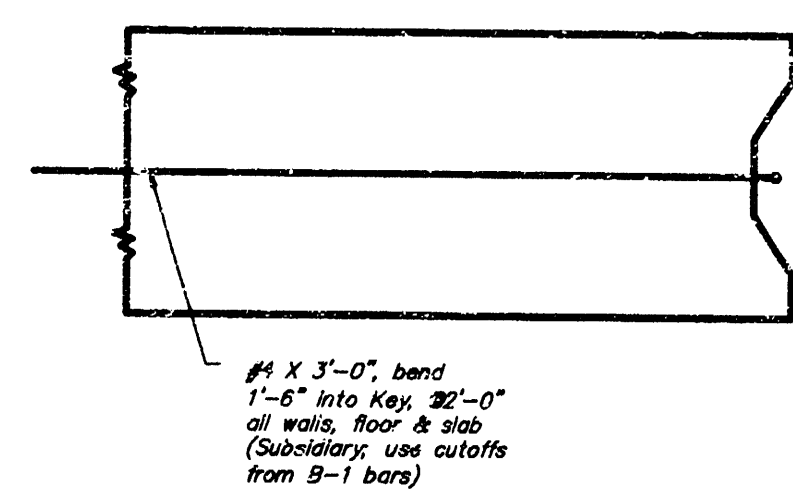
BENDING DIAGRAMS	
A3	
A4	
AB	



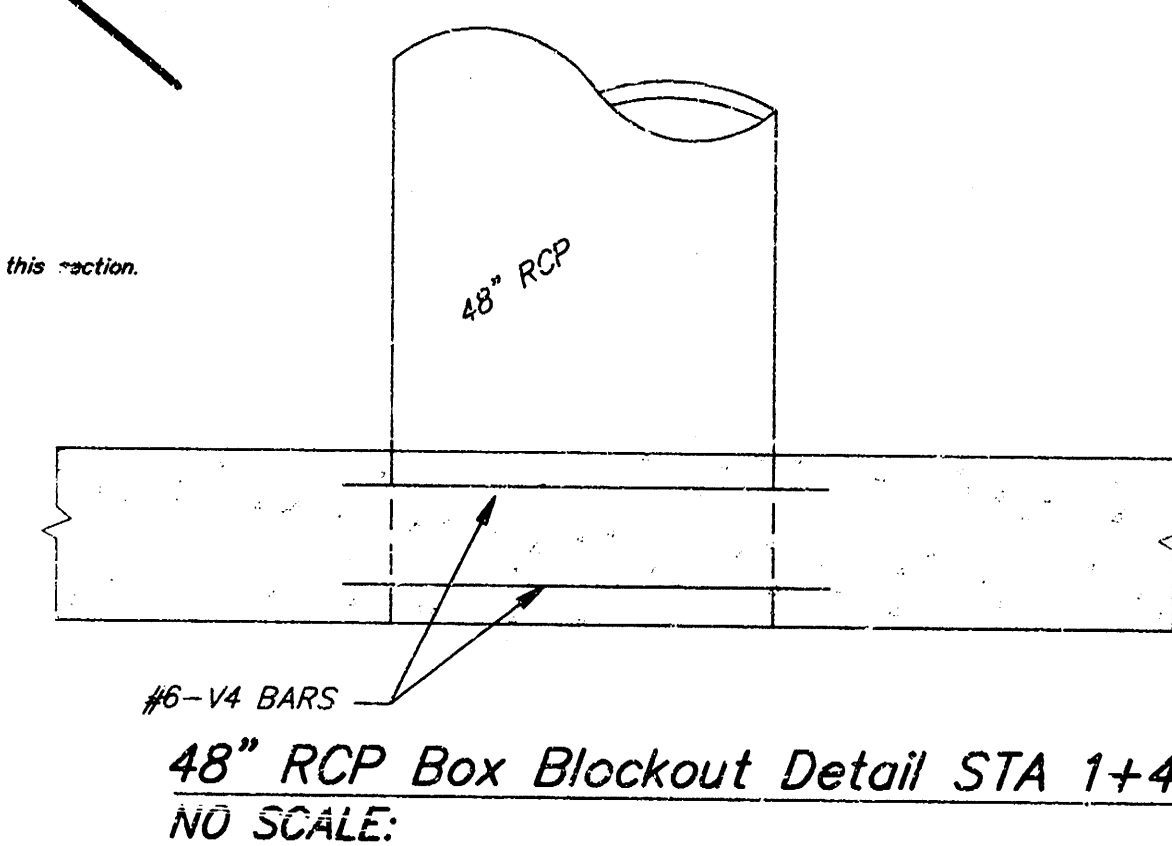
SECTION @ TOP
NO SCALE



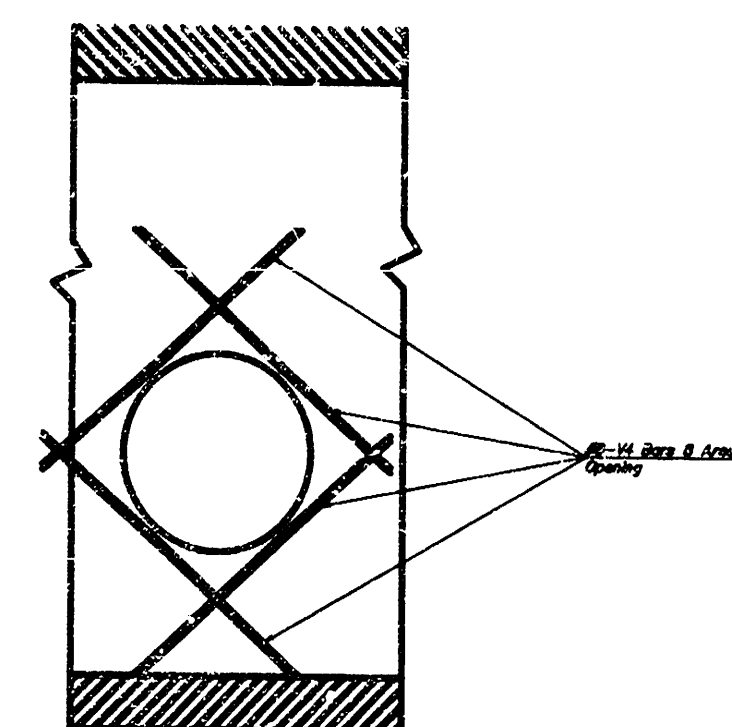
SECTION @ BOTTOM
NO SCALE



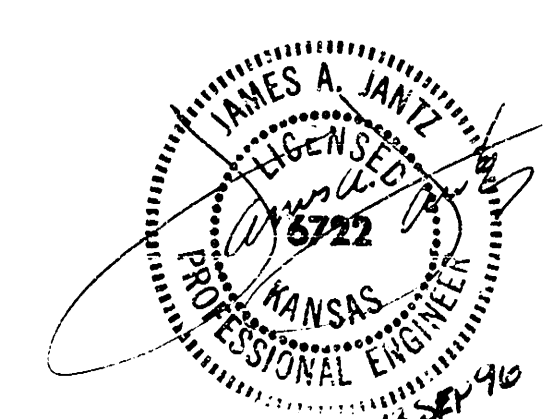
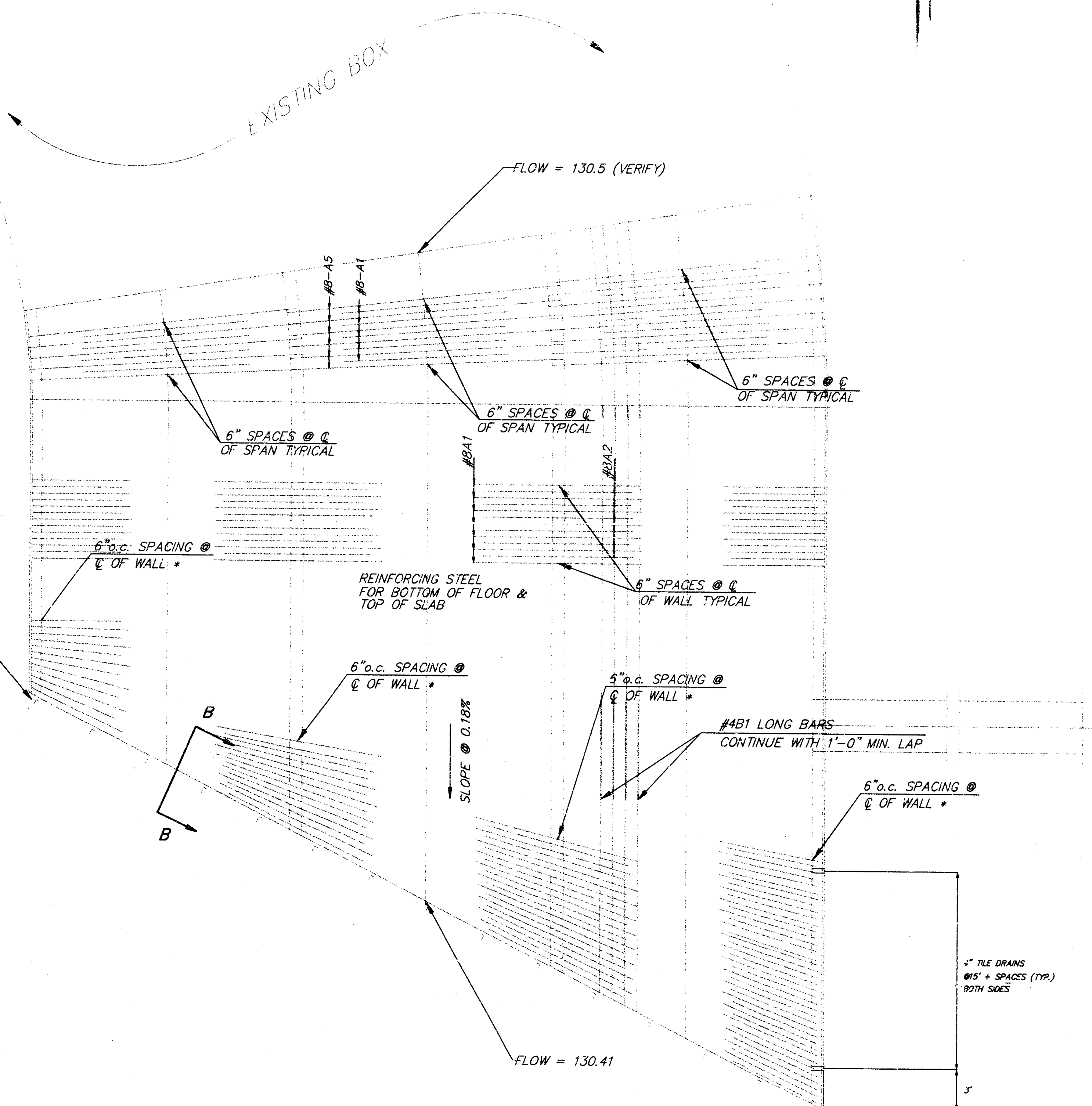
DETAIL OF KEY AT END OF BOX
NO SCALE



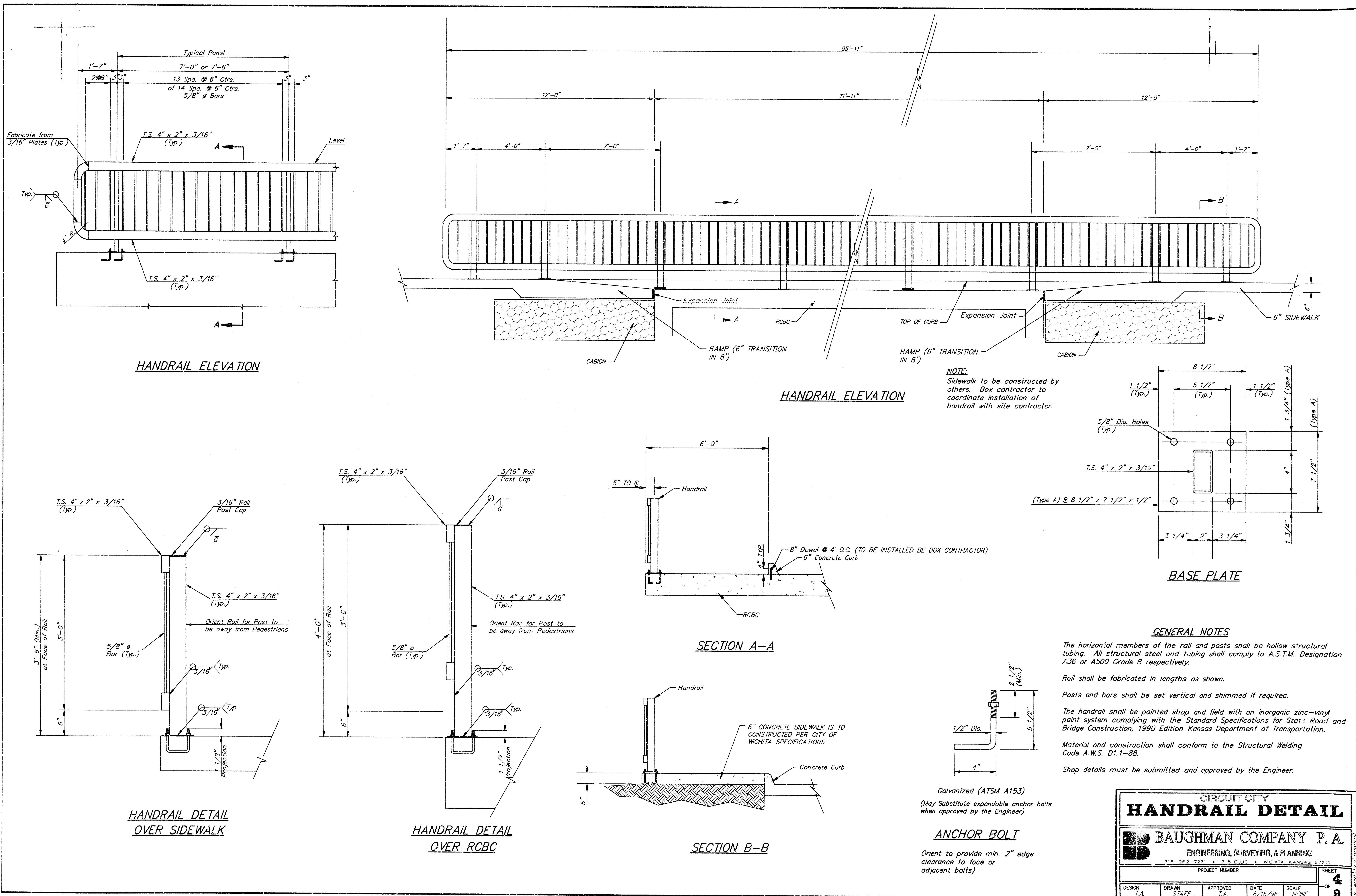
REINFORCING STEEL LAYOUT FOR TOP AND BOTTOM SLAB
NO SCALE:
* DECREASE SPACING OF BARS TO 4" THROUGHOUT LAST 3'

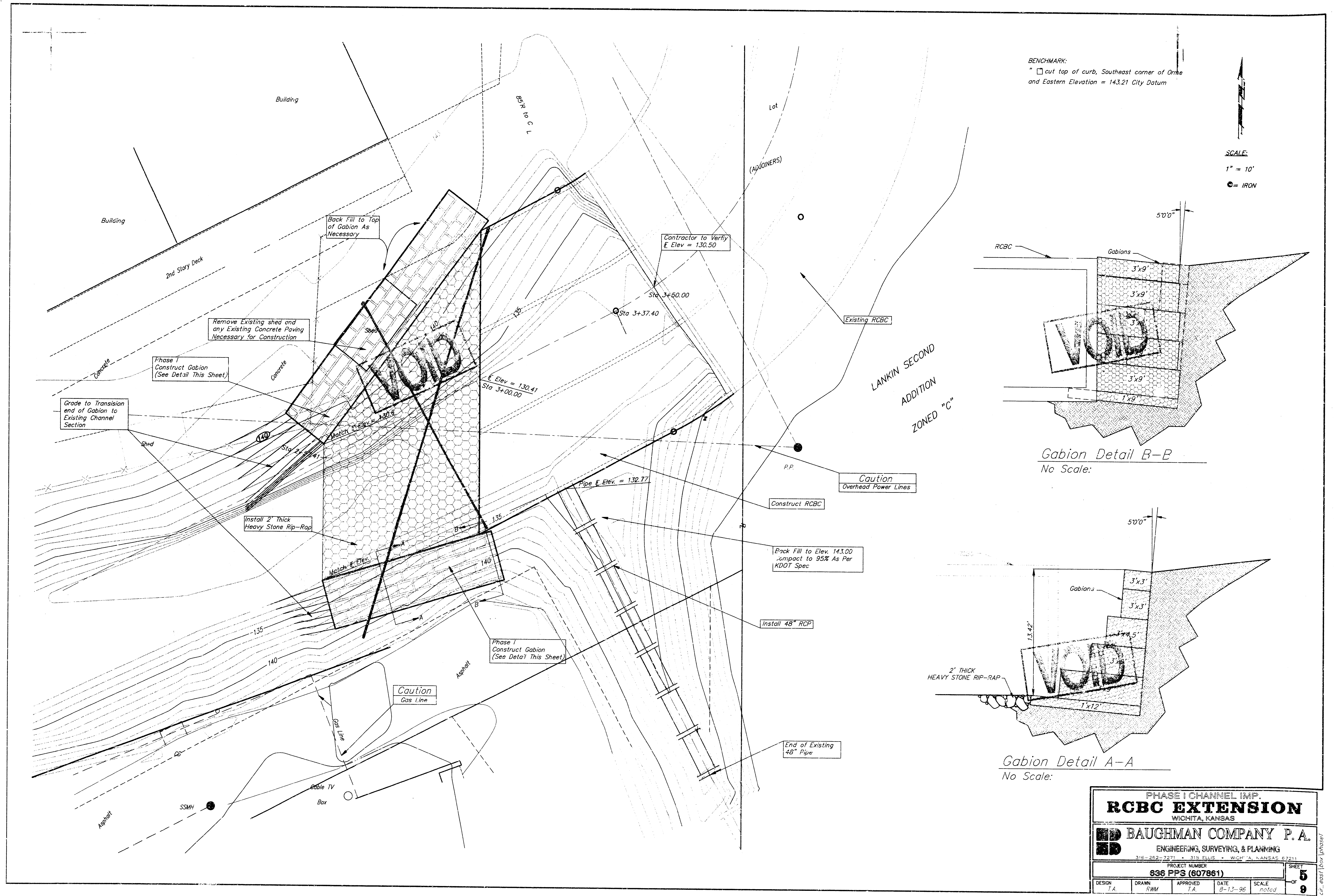


48" RCP Box Blockout Detail STA 1+45.74
NO SCALE

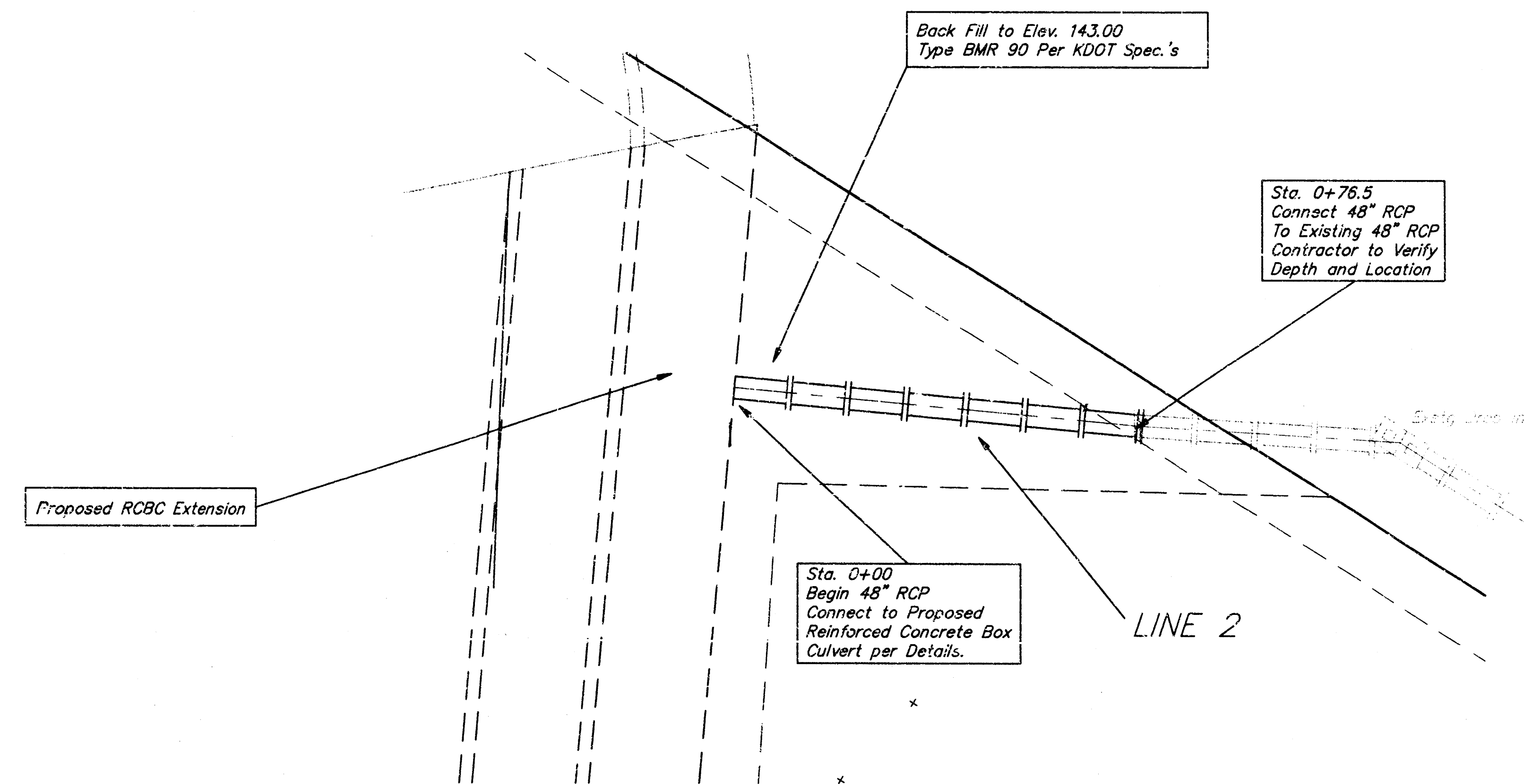


CIRCUIT CITY ADDITION RCBC Extension Details			
BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-242-2271 • 316-242-2272 • WICHITA, KANSAS 67211			
PROJECT NUMBER 638 PPS (607861)		SHEET 3	
DESIGN BLG	DRAWN T.A.	DATE 6/10/96	SCALE NONE

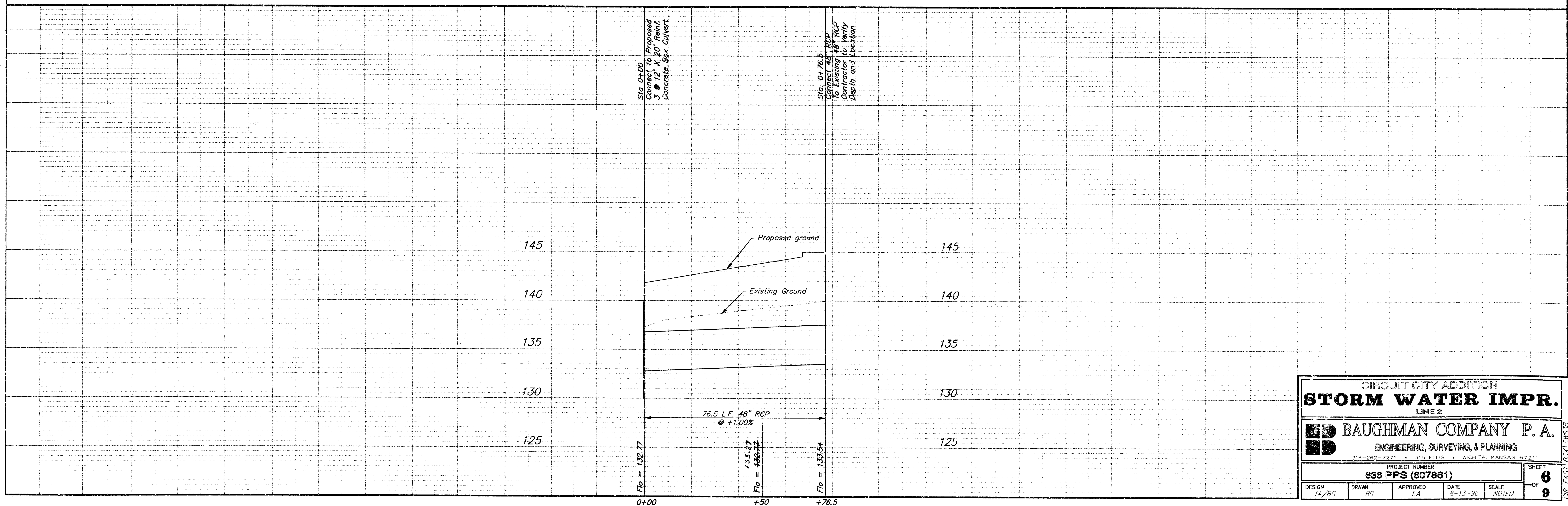




BENCHMARK:
 □ cut top of curb, Southeast corner of Orme
 and Eastern Elevations = 143.21 City Datum



Scale:
 1" = 20' Horizontal
 1" = 5' Vertical



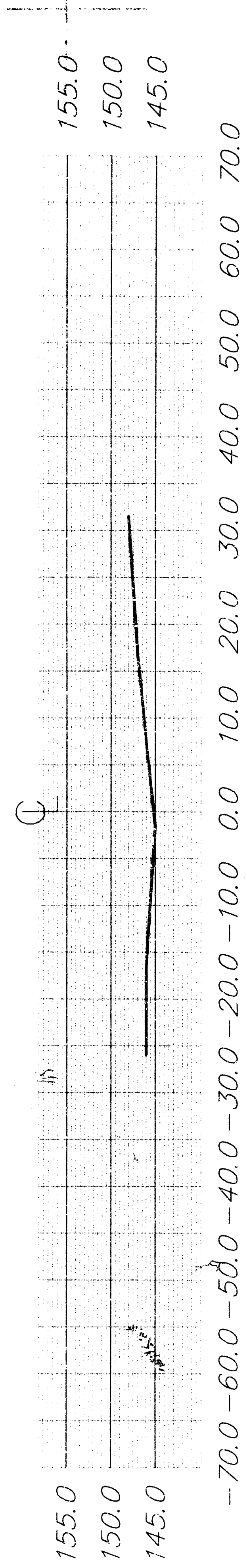
CIRCUIT CITY ADDITION
STORM WATER IMPR.
 LINE 2

BAUGHMAN COMPANY P.A.
 ENGINEERING, SURVEYING, & PLANNING
 318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

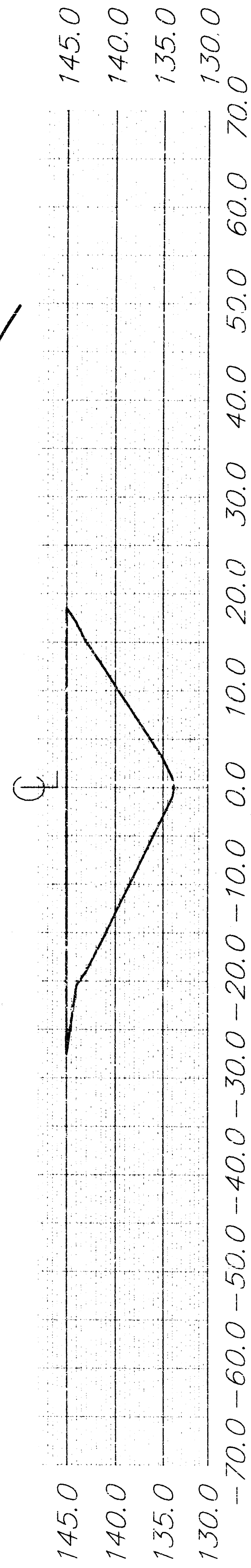
PROJECT NUMBER
636 PPS (607861)

DESIGN TA/BG	DRAWN BG	APPROVED TA	DATE 8-13-96	SCALE NOTED
-----------------	-------------	----------------	-----------------	----------------

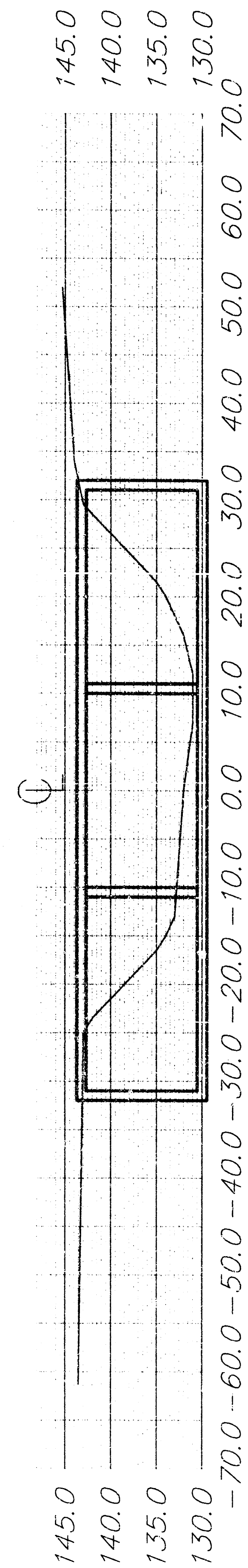
SHEET
6
 OF
9



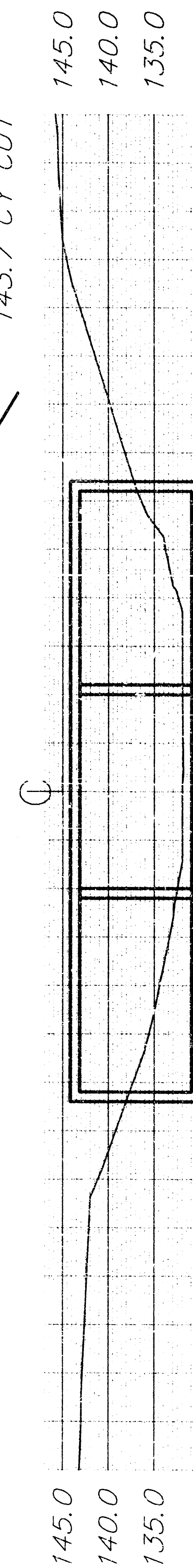
STA. 1+64, 154' RT



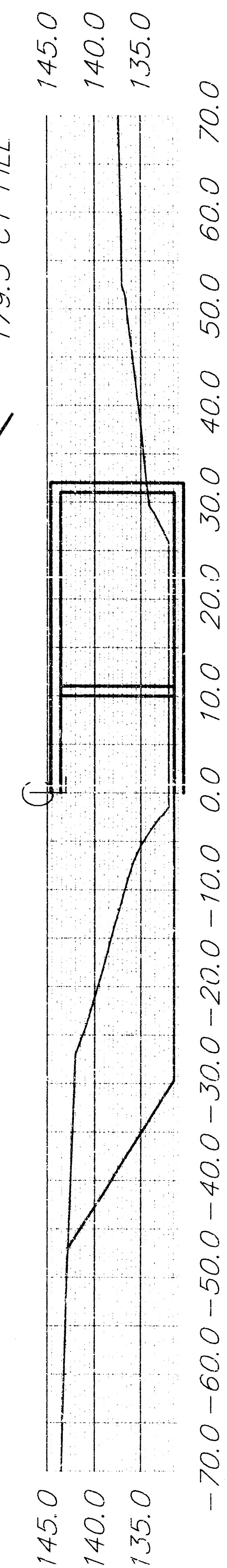
STA 1+64, 69' RT



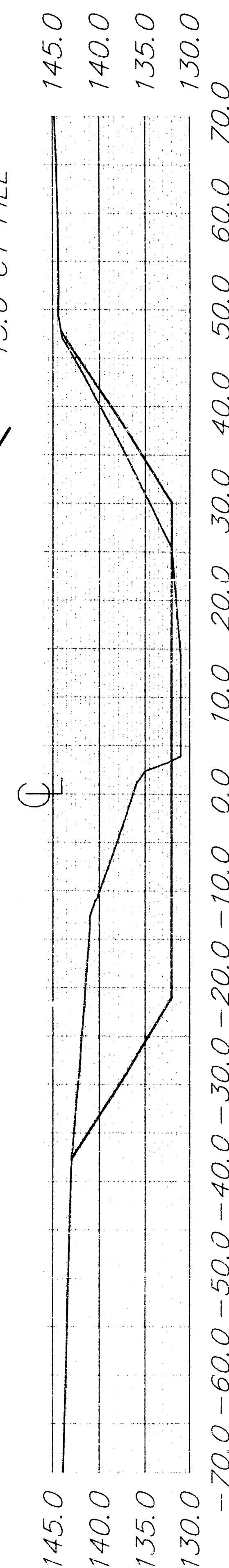
3+50



3+25



3+00

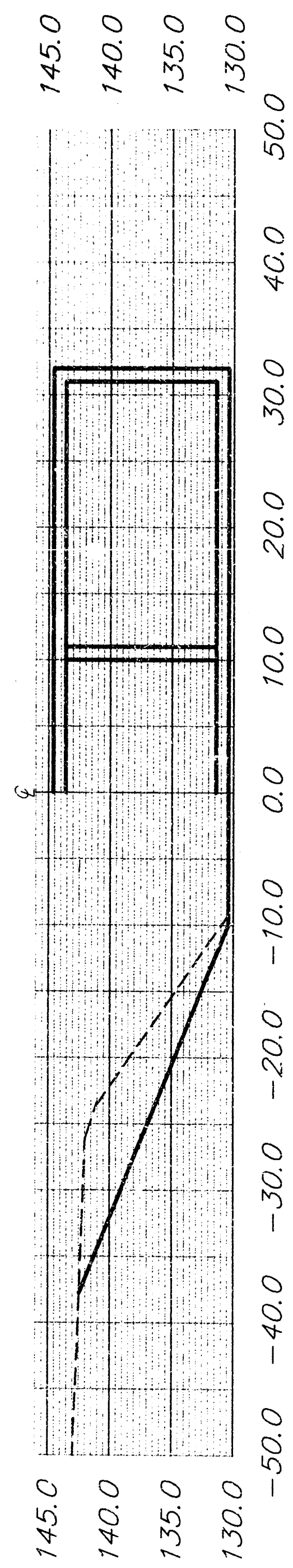


1+75

Shel Totals
Exc. = 2088 C. Y.
Fill = 468 C. Y.

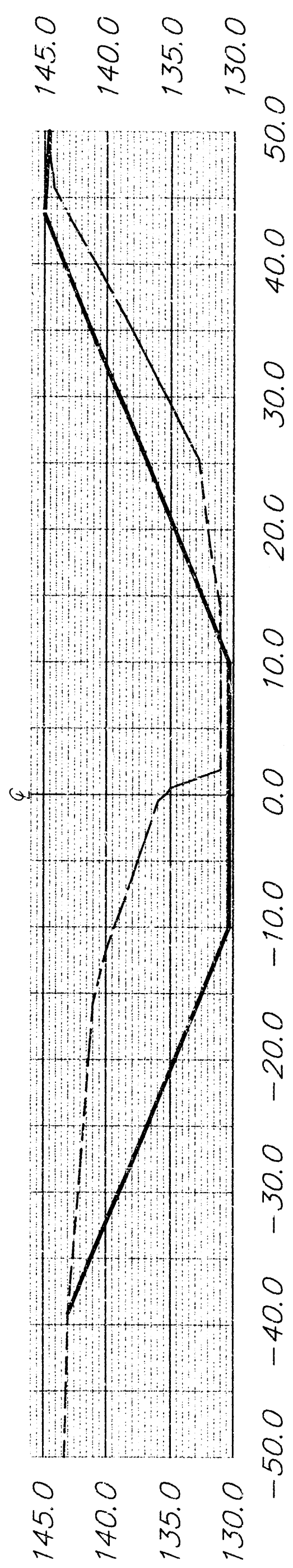
CHANNEL CROSS SECTIONS FOR Circuit City East Phase I					
BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER 638 PPS (607861)					
DESIGN T.A.	DRAWN STAFF	APPROVED T.A.	DATE 5/24/96	SCALE NOTED	SHEET 8 OF 9

OS-24707475102



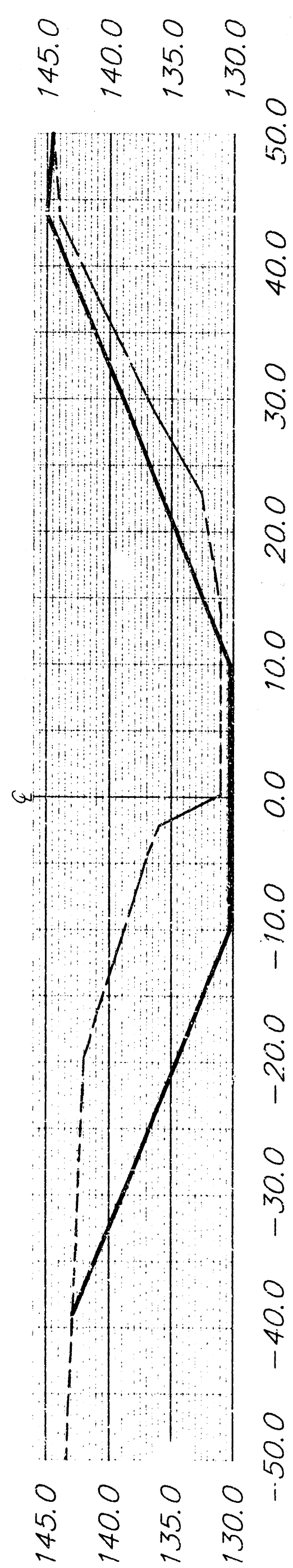
3+00

50.00' CUT CY= 282.0
FILL CY= 84.3



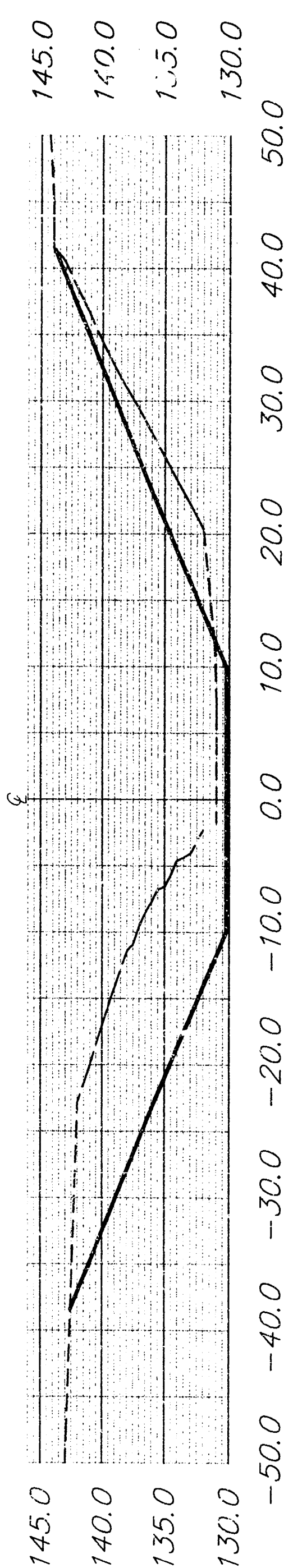
2+50

31.00' CUT CY= 260.1
FILL CY= 87.8



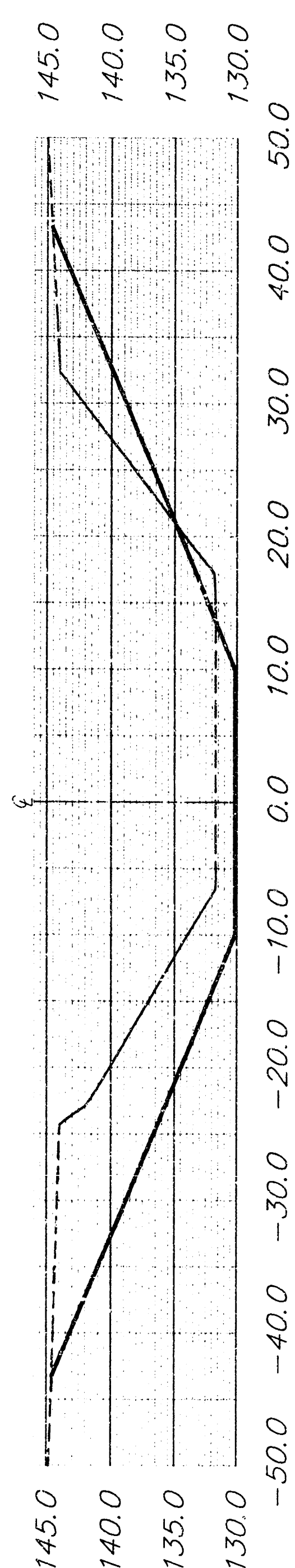
2+19

19.00' CUT CY= 142.1
FILL CY= 35.9



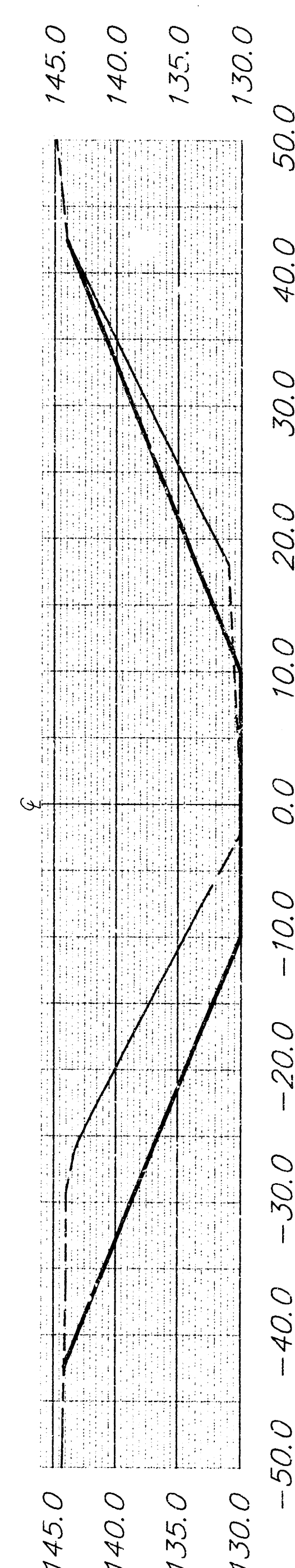
2+00

50.00' CUT CY= 380.9
FILL CY= 41.7



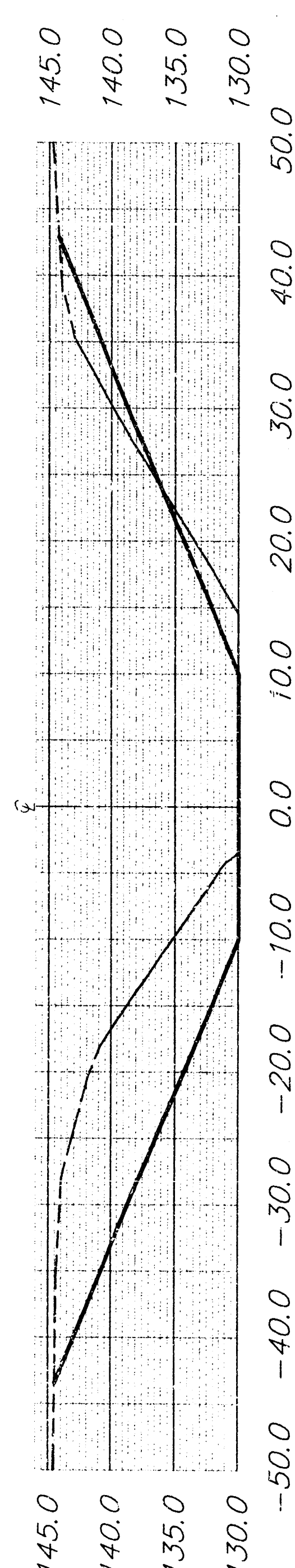
1+50

50.00' CUT CY= 361.7
FILL CY= 40.3



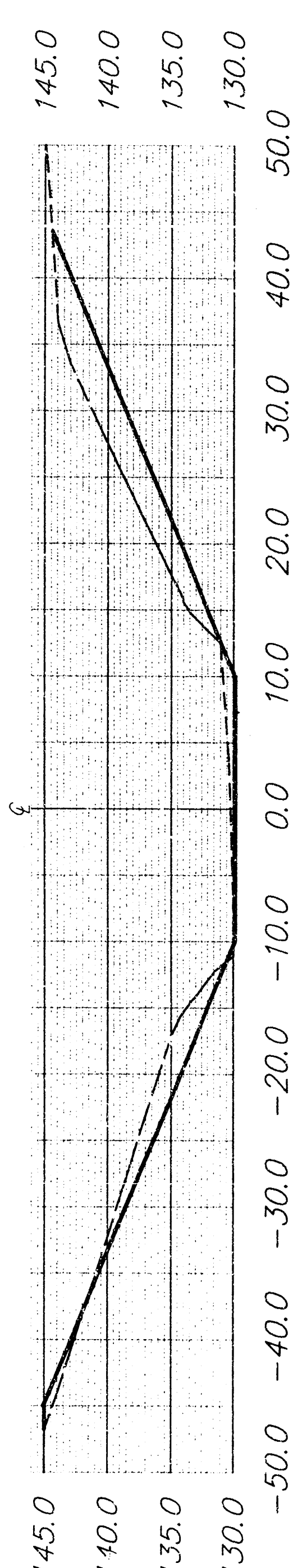
1+00

50.00' CUT CY= 341.6
FILL CY= 47.6



0+50

50.00' CUT CY= 278.6
FILL CY= 12.3



0+00

SHEET TOTALS
CUT CY = 2047.0
FILL CY = 349.9

CHANNEL CROSS SECTIONS FOR Circuit City East PHASE II					
BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-262, 7221 • 316 ELLIS • WICHITA, KANSAS 67213					
PROJECT NUMBER 836 PPS (607861)					
DESIGN T.A.	DRAWN R.W.M.	APPROVED T.A.	DATE 5/24/96	SCALE NONE	SHEET 9

0.41000