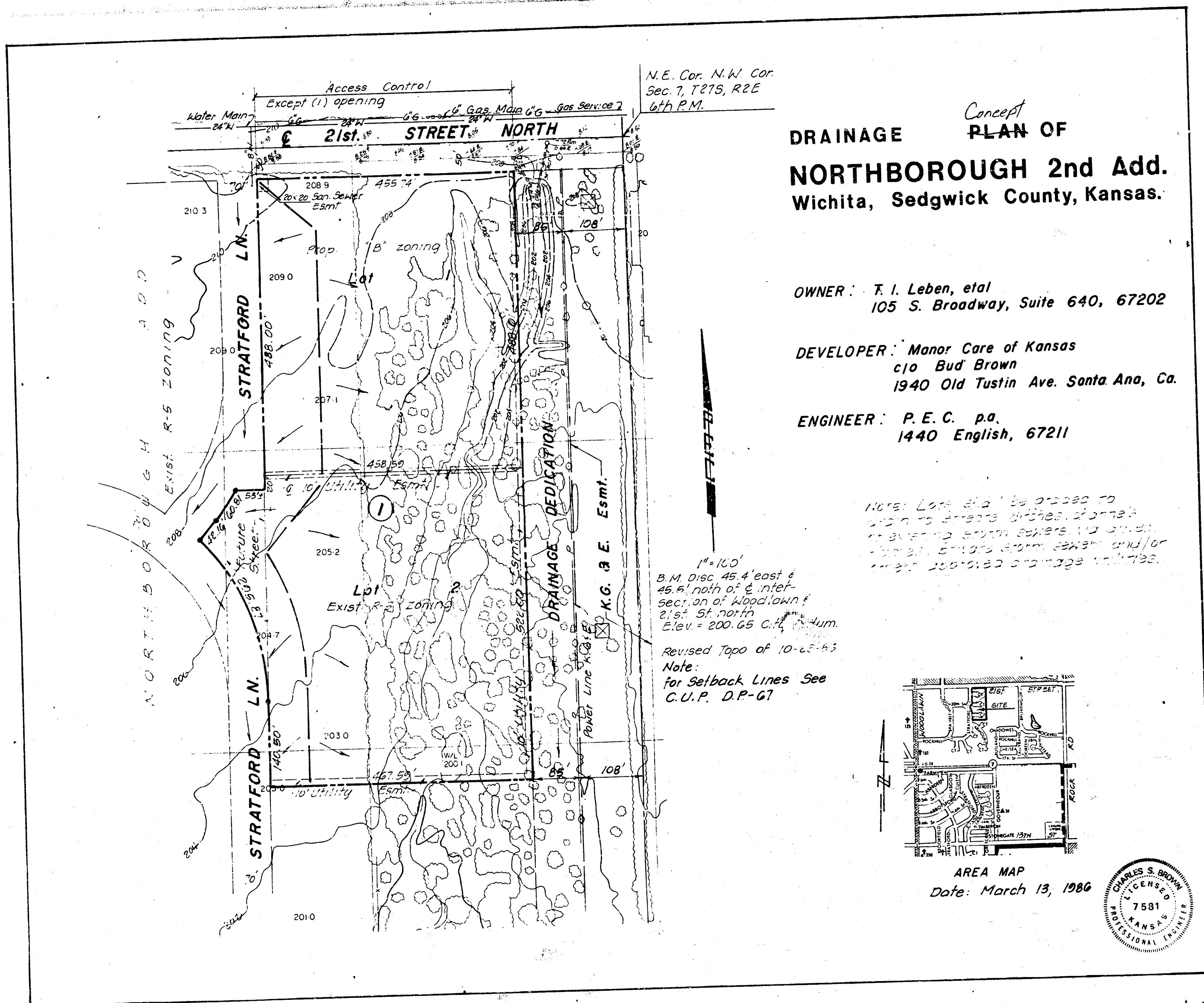
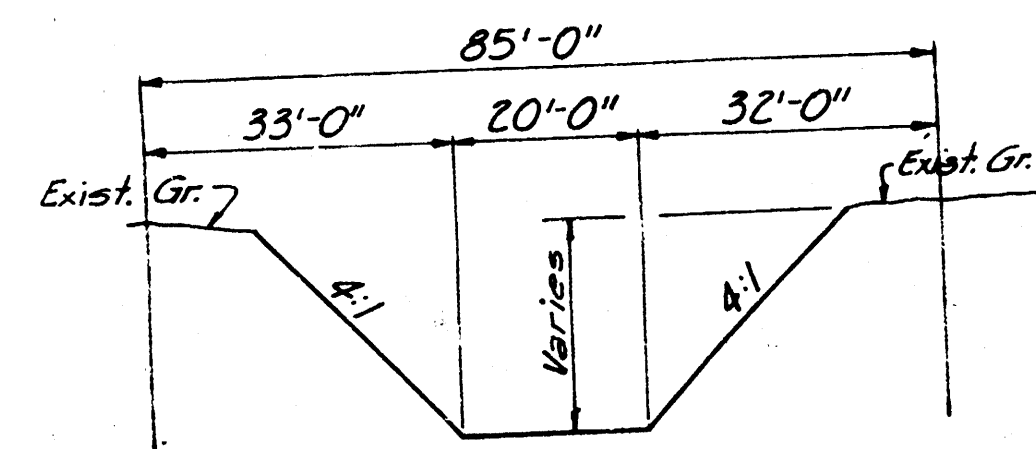




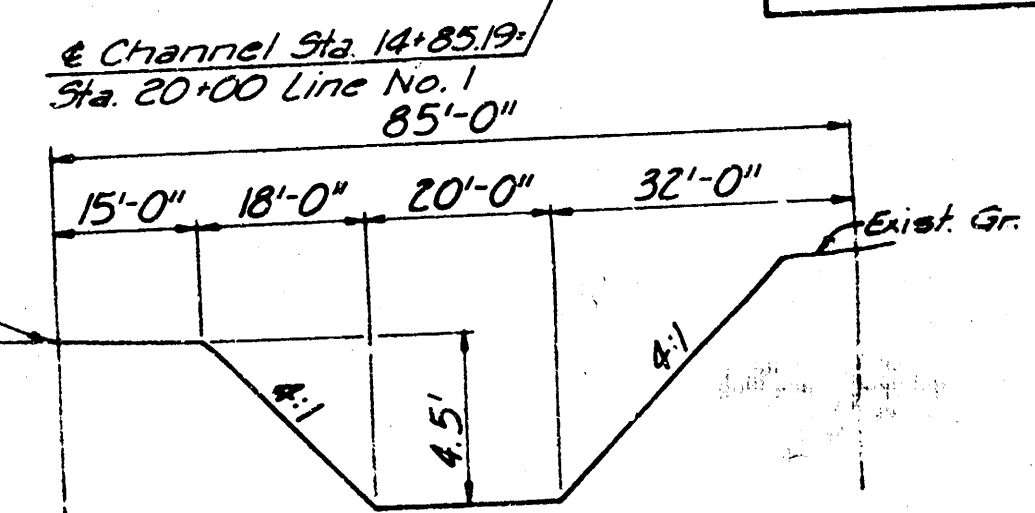
DATE	BY
APPROVED	DESIGNED
NOTED	NOTED
NOTED	NOTED

DATE	BY
APPROVED	DESIGNED
NOTED	NOTED
NOTED	NOTED

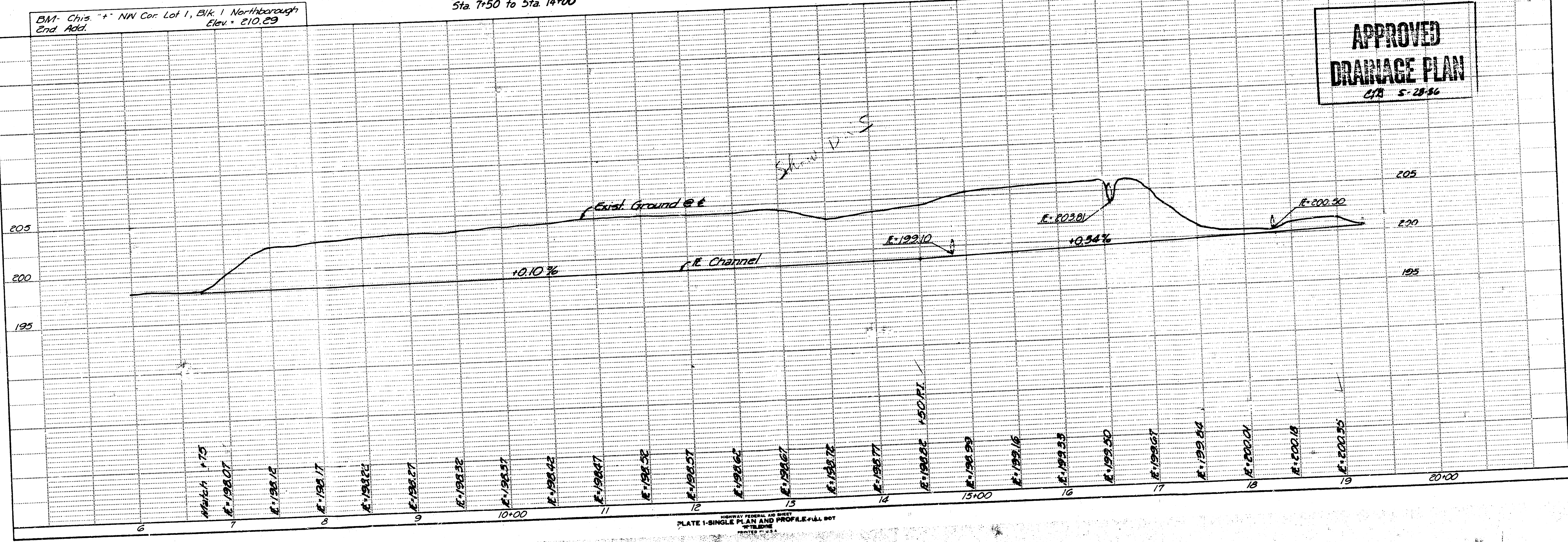
- NOTES
1. All elevations City of Wichita Datum.
 2. All construction methods & materials shall conform to City of Wichita Standard Specifications.
 3. All disturbed areas, except the channel bottom, shall be seeded, fertilized and mulched in accordance with City specifications.



TYPICAL CHANNEL SECTION
Sta 7+50 to Sta 14+00



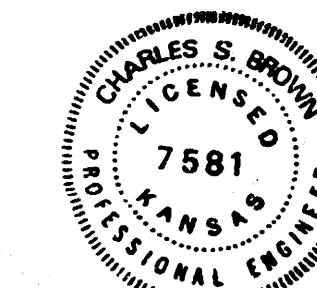
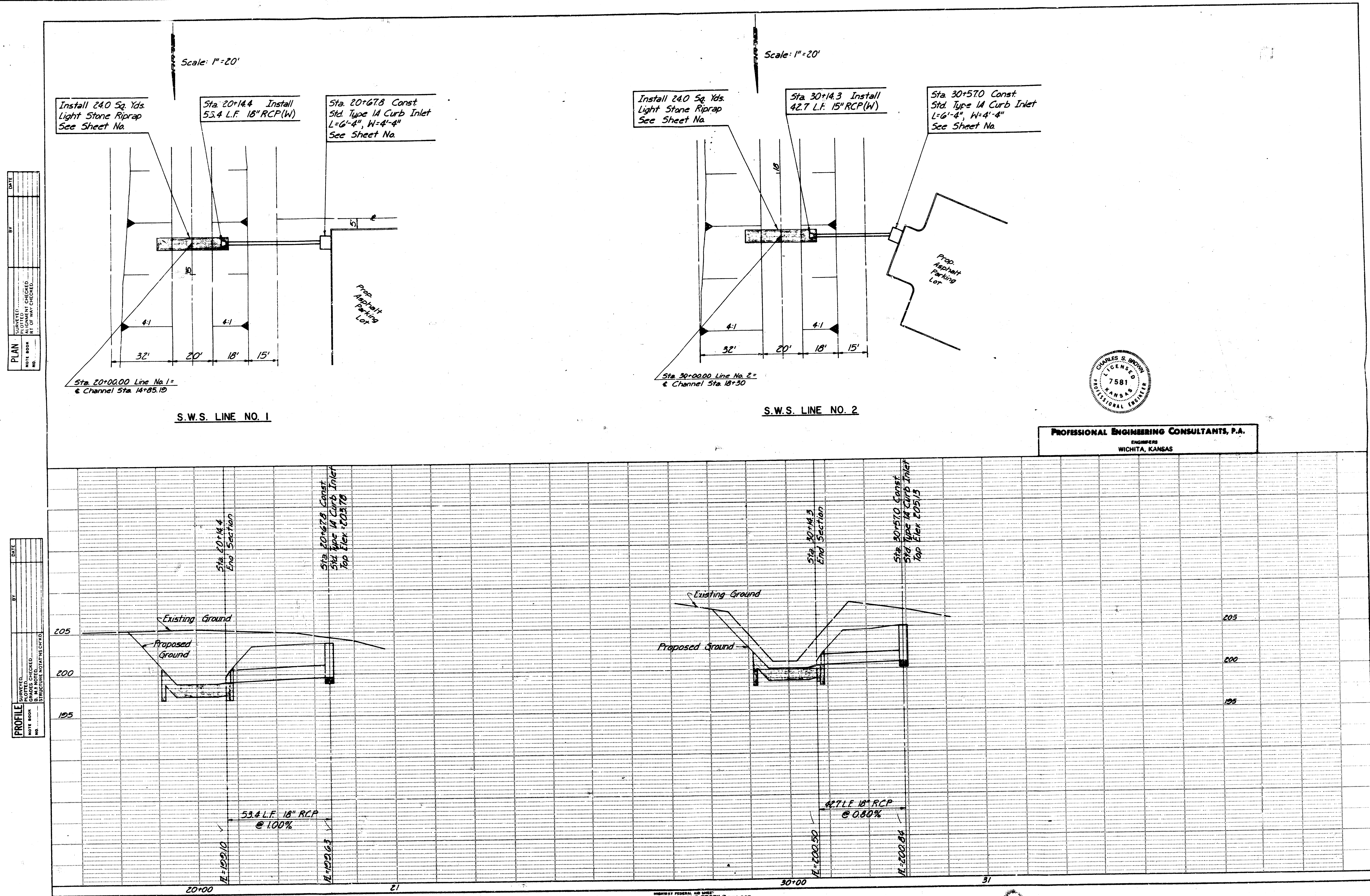
TYPICAL CHANNEL SECTION
Sta 14+50 to Sta 19+13



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

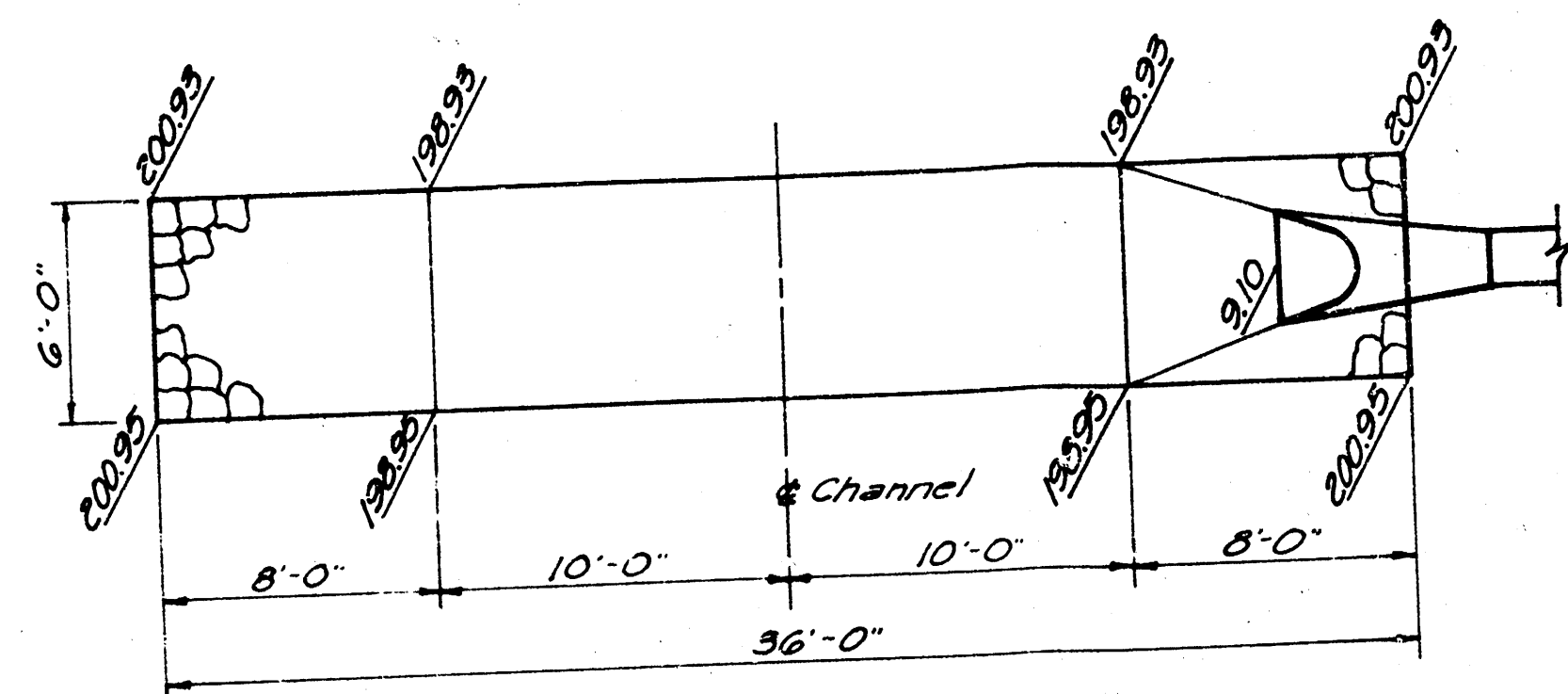
APPROVED
DRAINAGE PLAN
C/S 5-18-86

NORTHBROOK SECOND ADDITION
(Drainage)

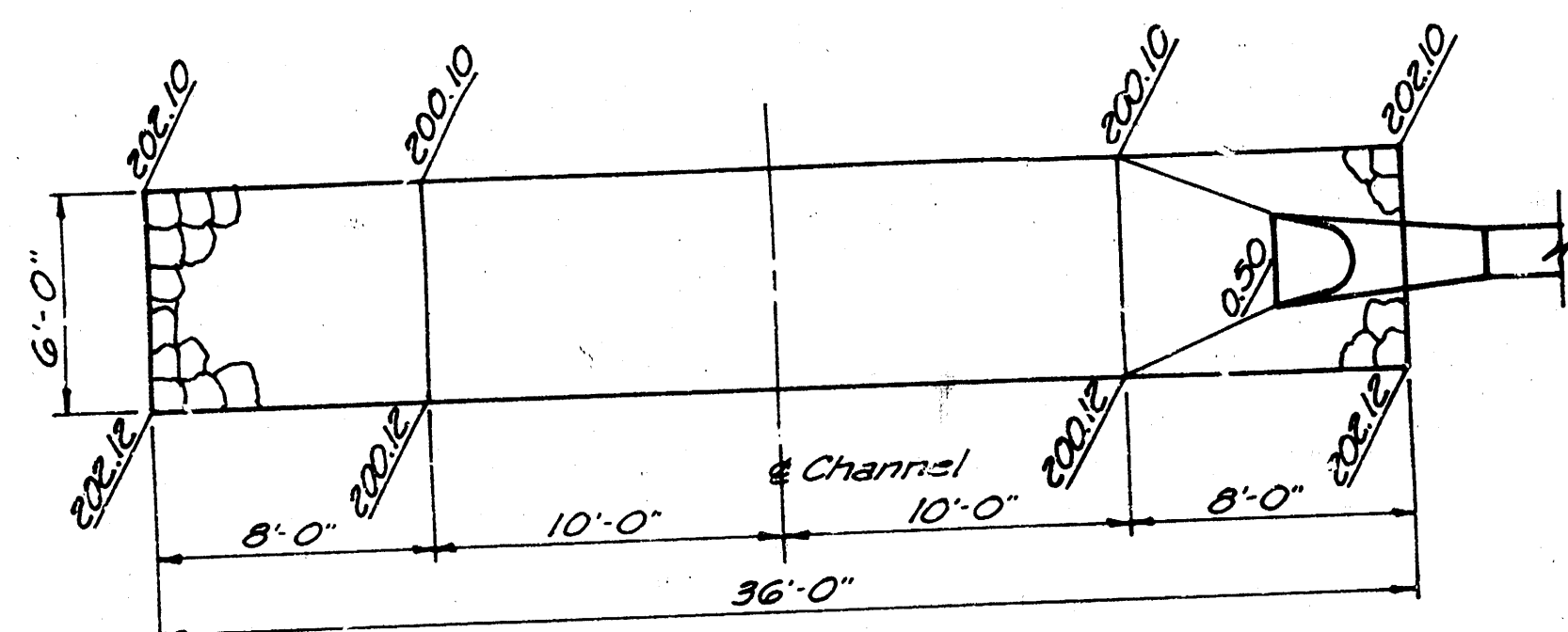


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WICHITA, KANSAS

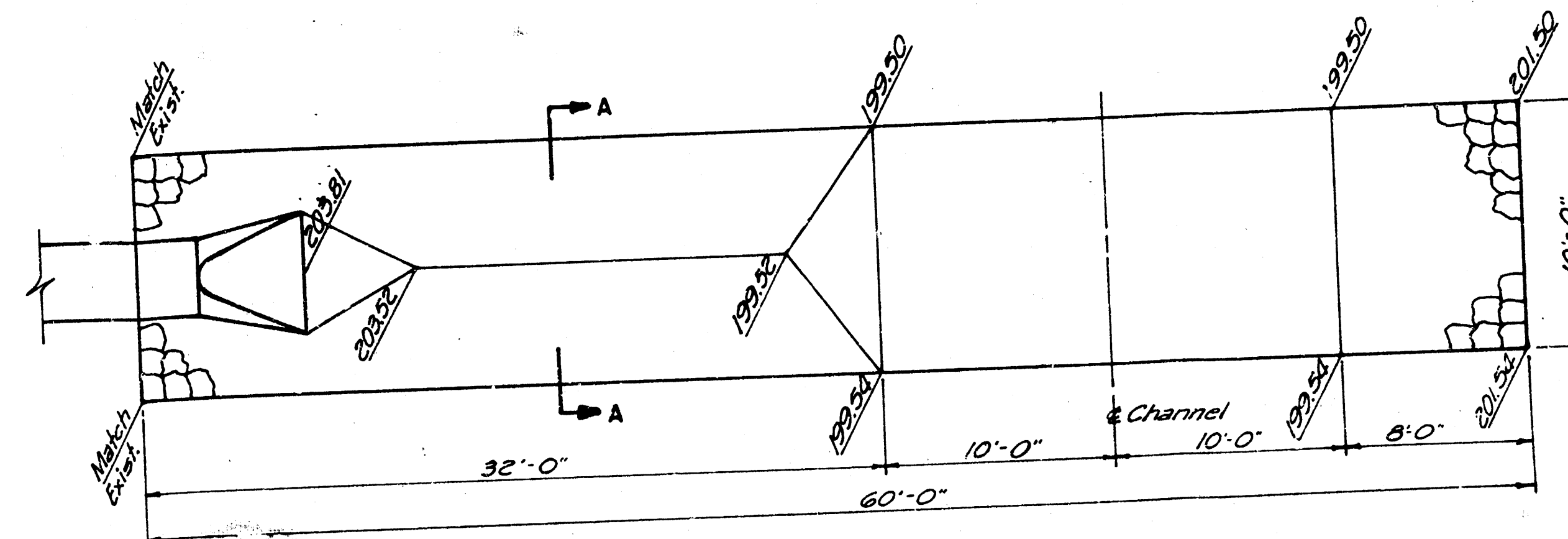
NORTHBOROUGH SECOND ADDITION
(Drainage)



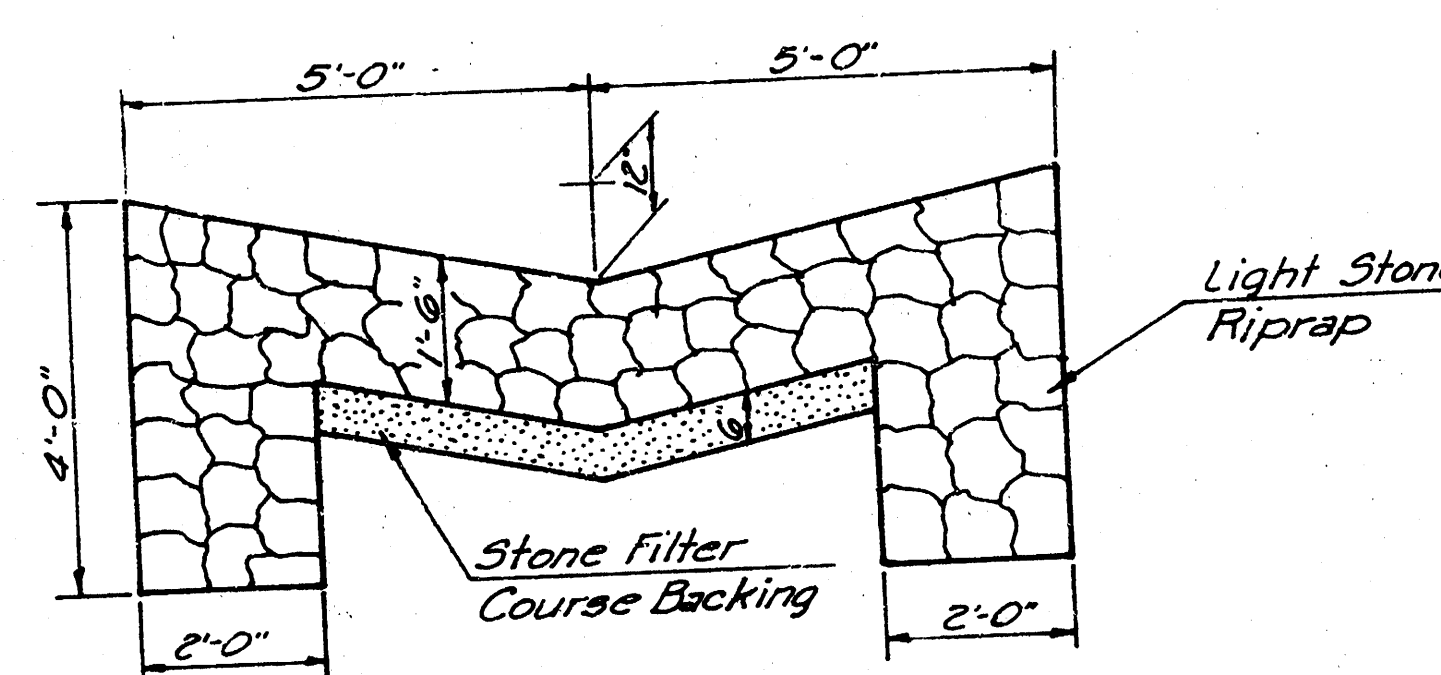
RIPRAP DETAILS
Channel Sta. 14+85.19



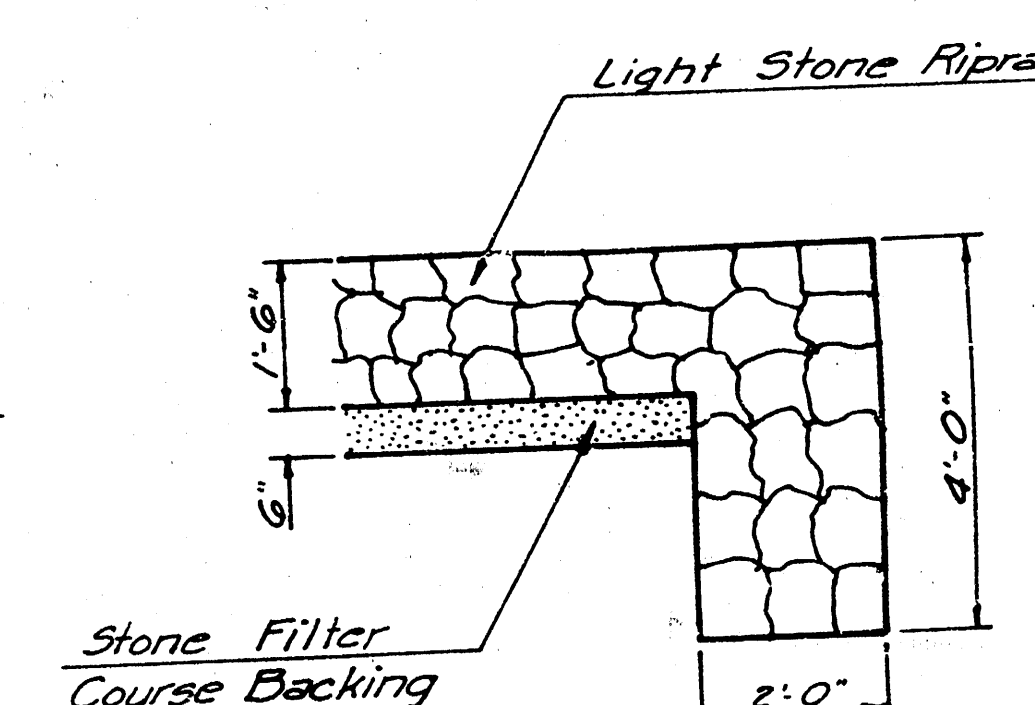
RIPRAP DETAILS
Channel Sta. 18+30



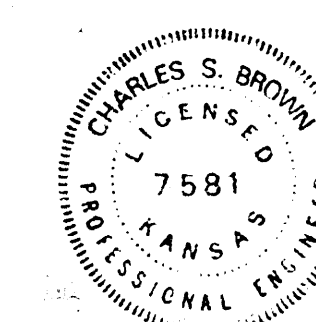
RIPRAP DETAILS
Channel Sta. 16+56



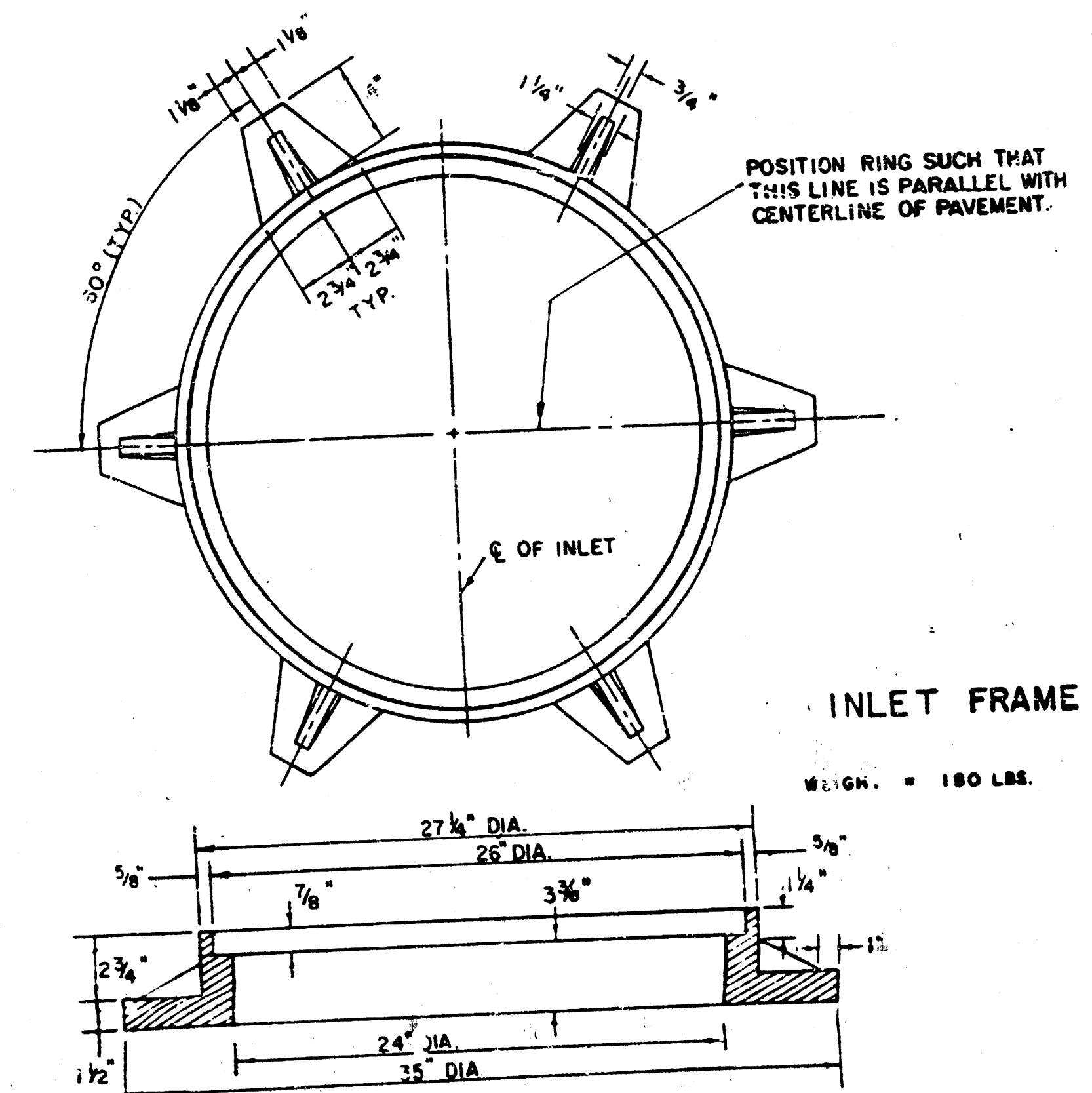
SECTION A-A



TYPICAL SECTION THRU TOEWALL
Note: Toewalls shall be installed along all edges of stone riprap.



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NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN

STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁				b ₂	b ₃	WT LBS.	
				W=4"	W=5"	W=6"	W=8"				
NUMBER	4	2	1	3	5	7	3	6	1		
SIZE	"4	"4	"4	"4	"4	"4	"4	"4	"6		
LENGTH	W=4"	5'7"	6'7"	4'0"	6'1"	—	—	1'9"	6'2"	4'8"	80"
	W=5"	7'7"	8'7"	5'0"	6'1"	—	—	1'9"	6'2"	4'8"	81"
	W=6"	9'7"	10'7"	6'0"	—	6'1"	—	1'9"	6'2"	4'8"	101"
	W=7"	11'7"	12'7"	7'0"	—	—	6'1"	1'9"	6'2"	4'8"	121"
	W=8"	13'7"	14'7"	8'0"	—	—	—	6'1"	1'9"	6'2"	4'8"

* NOTE: a_2 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

BENDING DIAGRAM

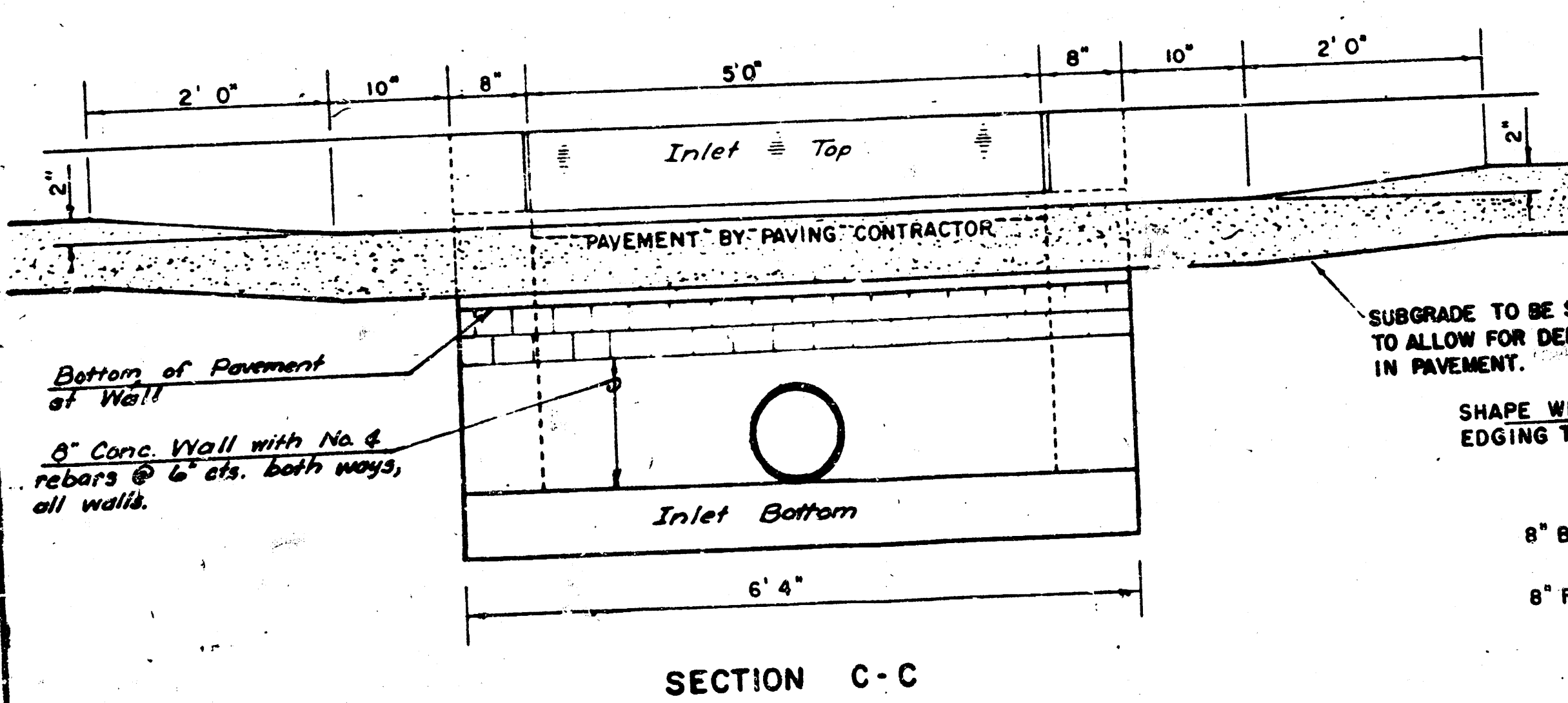
STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU YD. CONC.
4' 4"	36" x 64" x 7 1/2"	21" & SMALLER	0.38 ±
5' 4"	48" x 64" x 7 1/2"	24" & 30"	0.51 ±
6' 4"	58" x 64" x 7 1/2"	36" & 42"	0.64 ±
7' 4"	68" x 64" x 7 1/2"	48" & 54"	0.77 ±
8' 4"	78" x 64" x 7 1/2"	60" & 66"	0.90 ±

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6'4" AND H = 7'0" OR LESS.

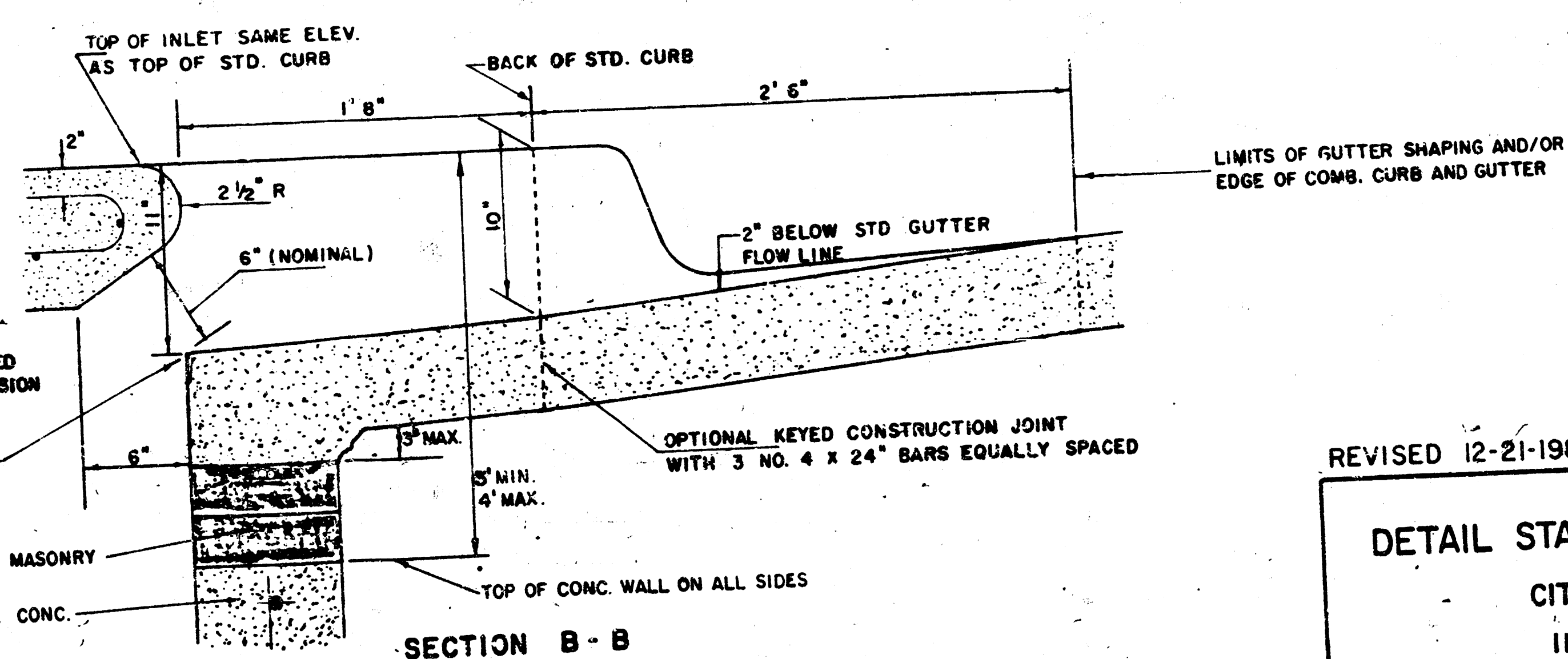
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO
CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH
THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR
OUTLET PIPES.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE
FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



SECTION C - C



SECTION B - B

REVISED 12-21-1984

DETAIL STANDARD TYPE 1A CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6" x 5' 0"

JUNE 1984

ORIGINAL SURVEY PHOTO NOT TO SCALE

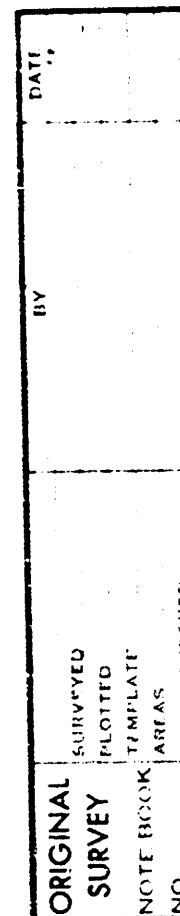
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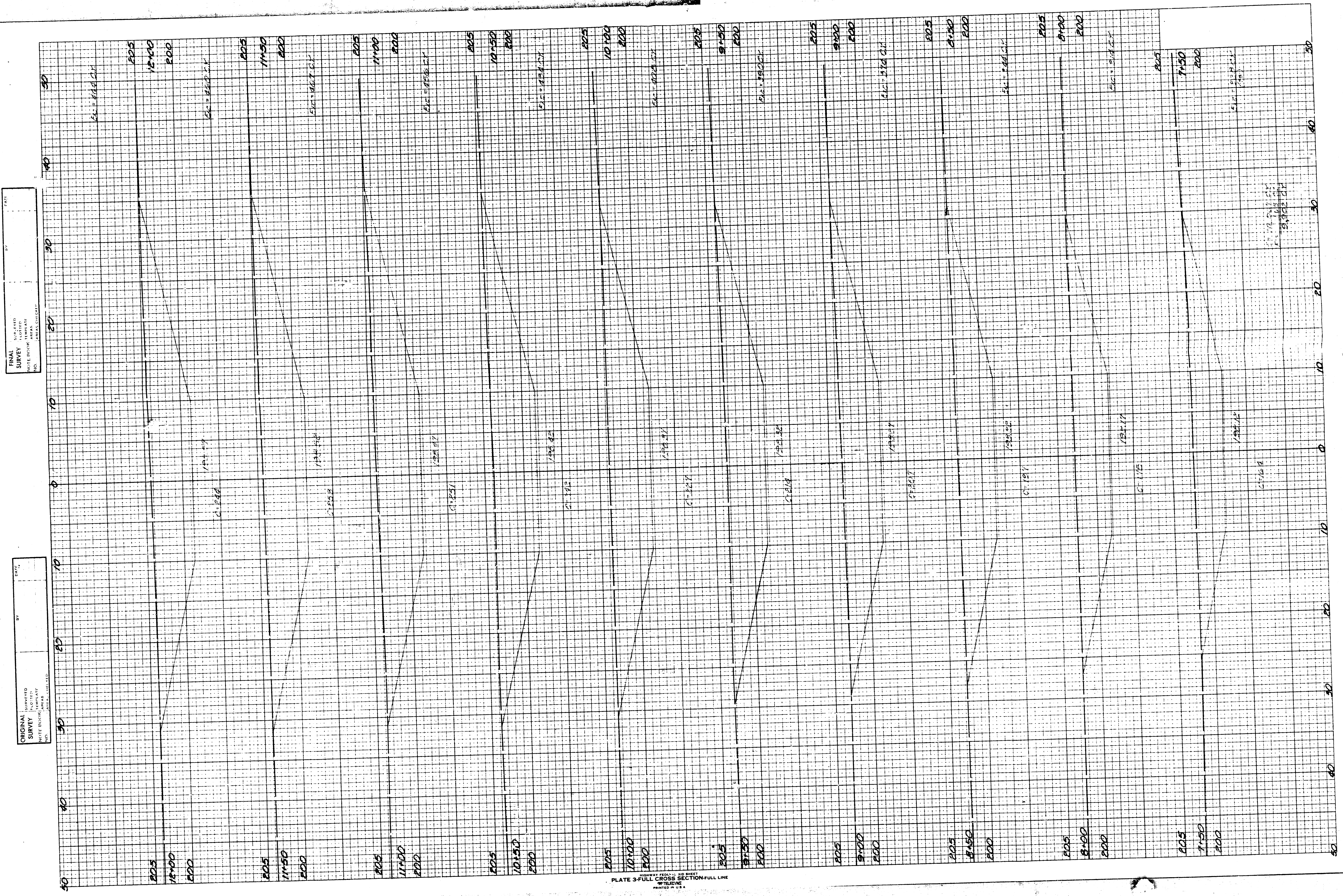
FINAL SURVEY PHOTO NOT TO SCALE

DATE: BY:

PLATE 3-FULL CROSS SECTION FULL LINE

NORTHBOROUGH SECOND ADDITION
(Drainage)





FINAL SURVEY
DATE: 11/14/51
BY: [Signature]
PROJECT: NORTHBOROUGH SECOND ADDITION
SHEET: 1 OF 1

ORIGINAL SURVEY
DATE: 11/14/51
BY: [Signature]
PROJECT: NORTHBOROUGH SECOND ADDITION
SHEET: 1 OF 1