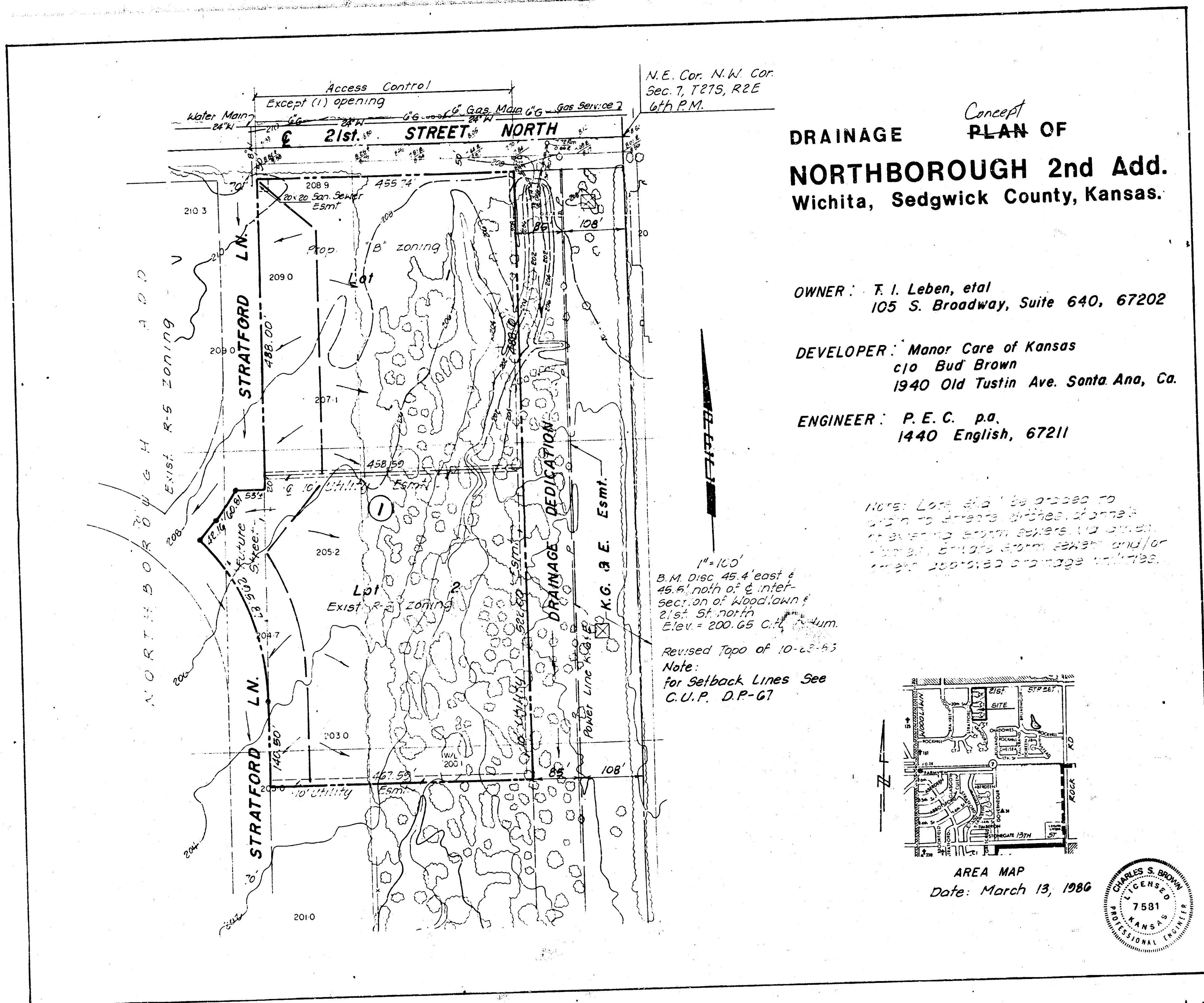


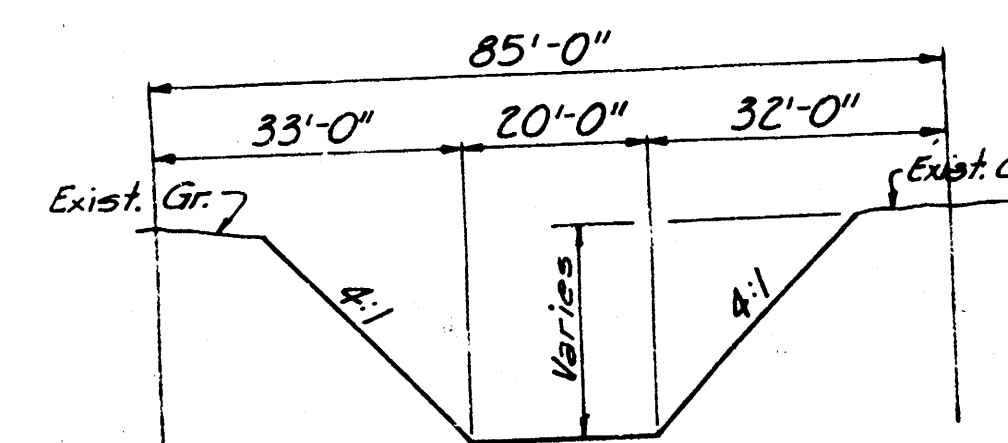


PROFILE NOTE BOOK NO. _____	SURVEYED _____ PLOTTED _____ GRADES CHECKED _____ B. M.'S NOTED _____ SAYING'S CHECKED _____	BY _____ DATE _____
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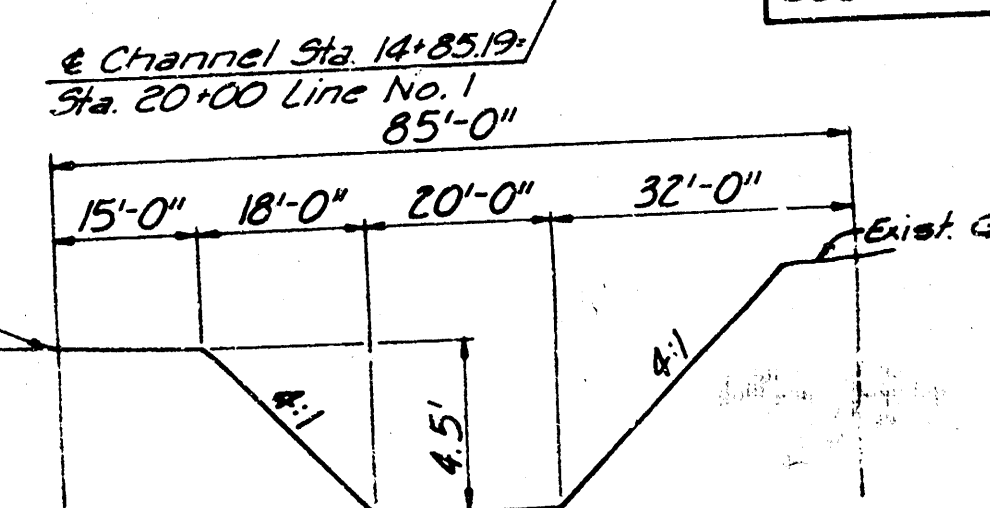
BM- Chis. "+" NW Cor. Lot 1, Blk. 1 Northborough
End. Add. Elev. = 210.29

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

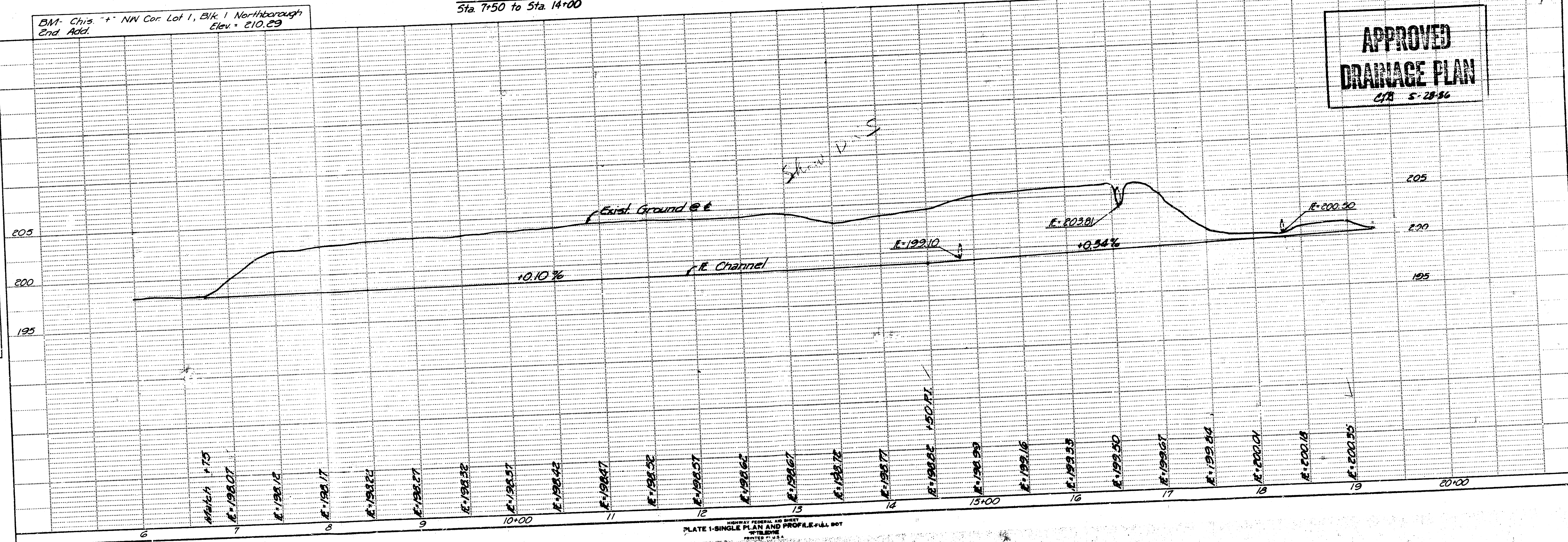
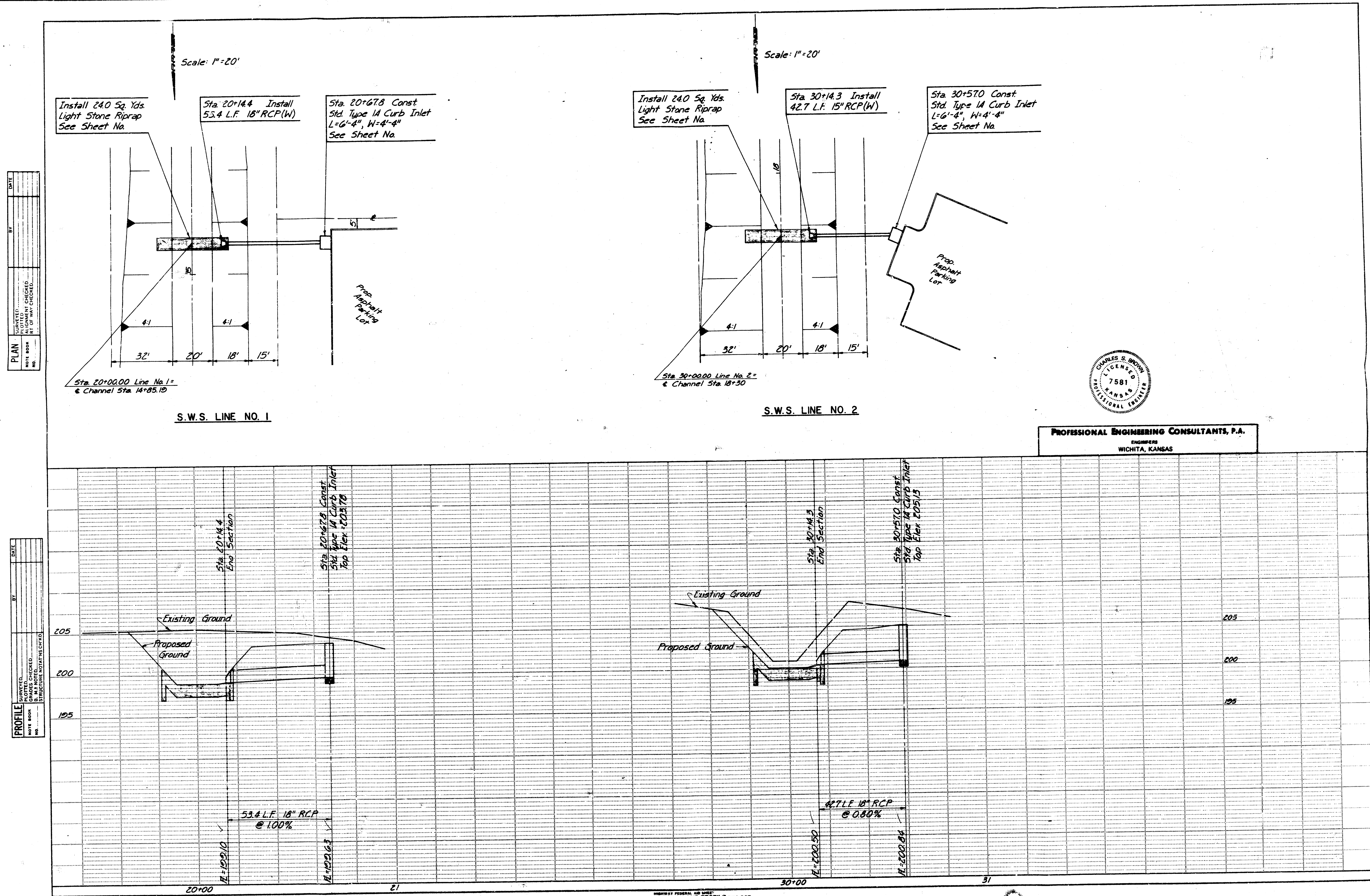


PLATE 1-SINGLE PLAN AND PROFILE-FULL BO
WYOMING
PRINTED U.S.A.

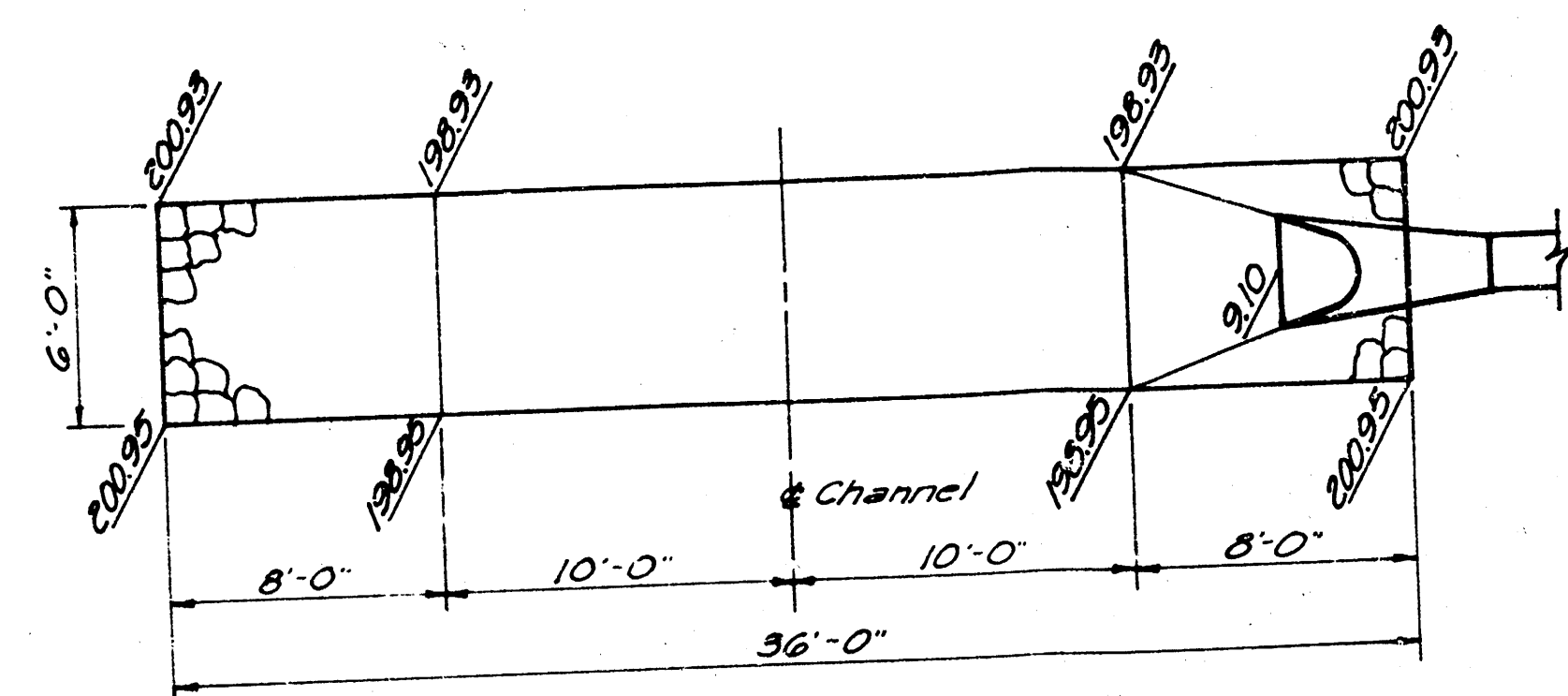
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

APPROVED
DRAINAGE PLAN
C/S 5-28-86

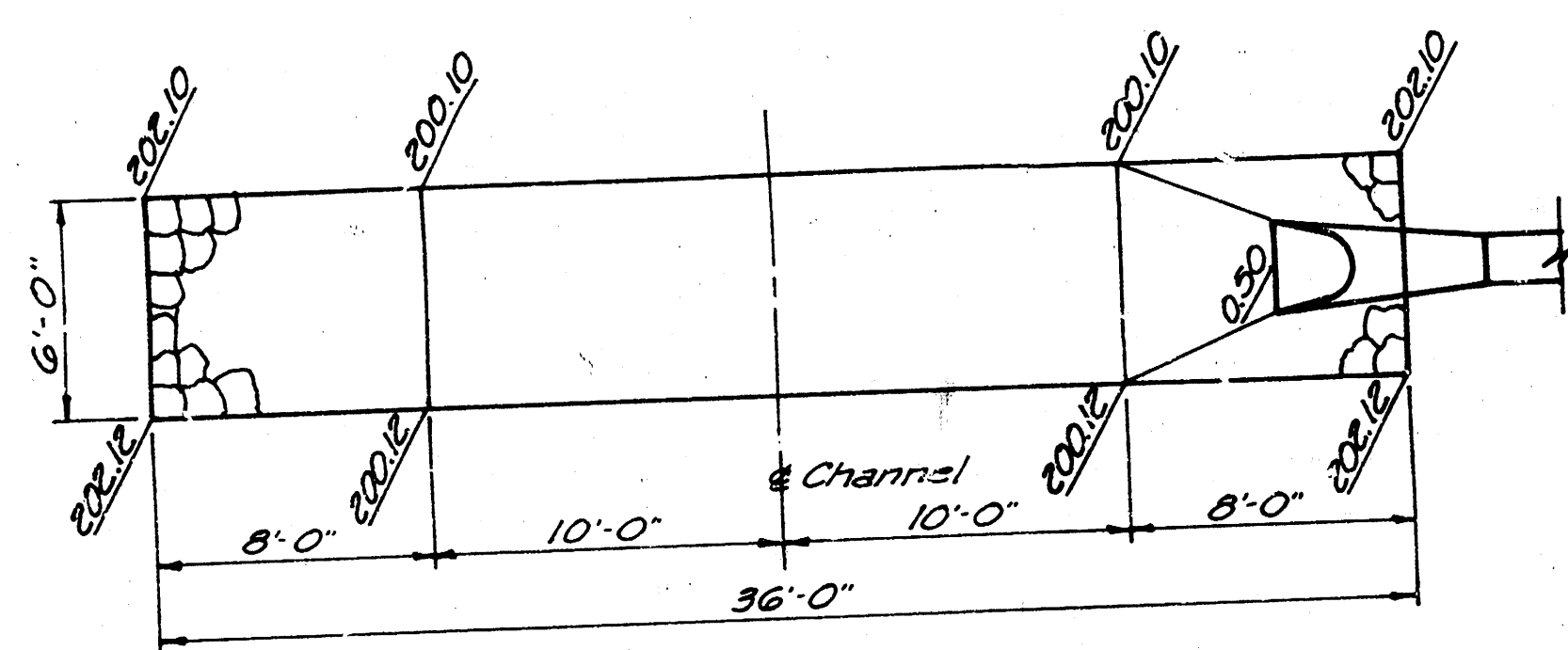
NORTHBROOK SECOND ADDITION
(Drainage)



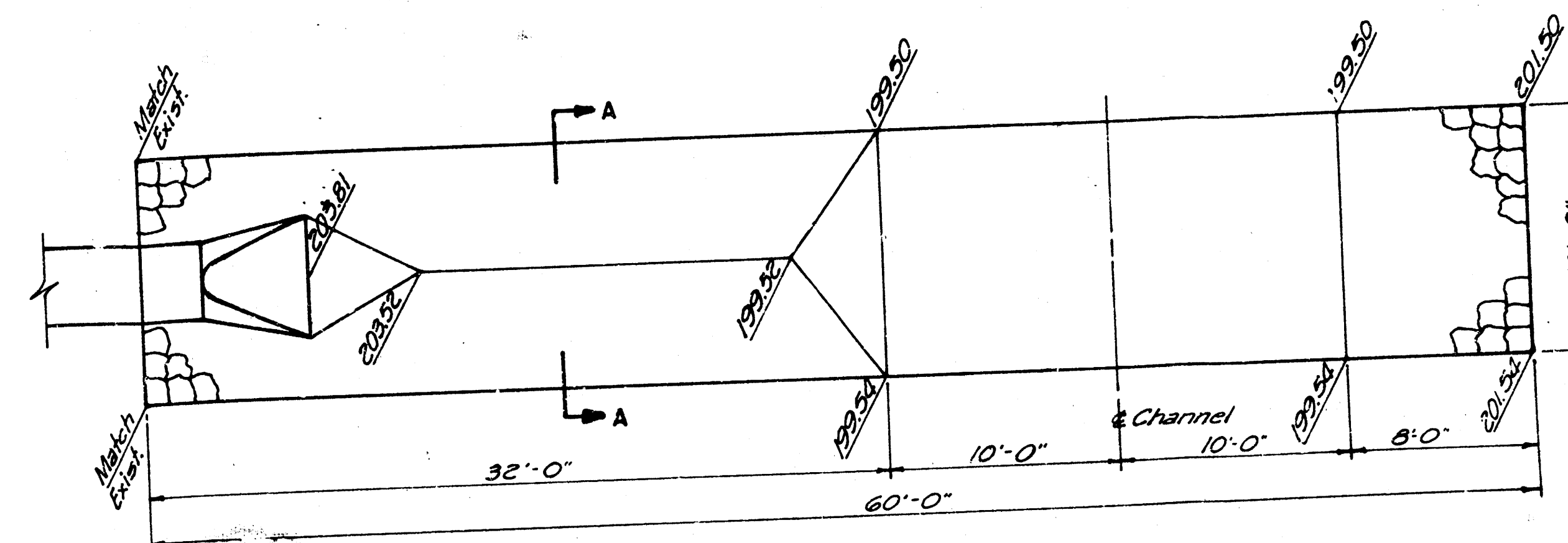
NORTHBOROUGH SECOND ADDITION
(Drainage)



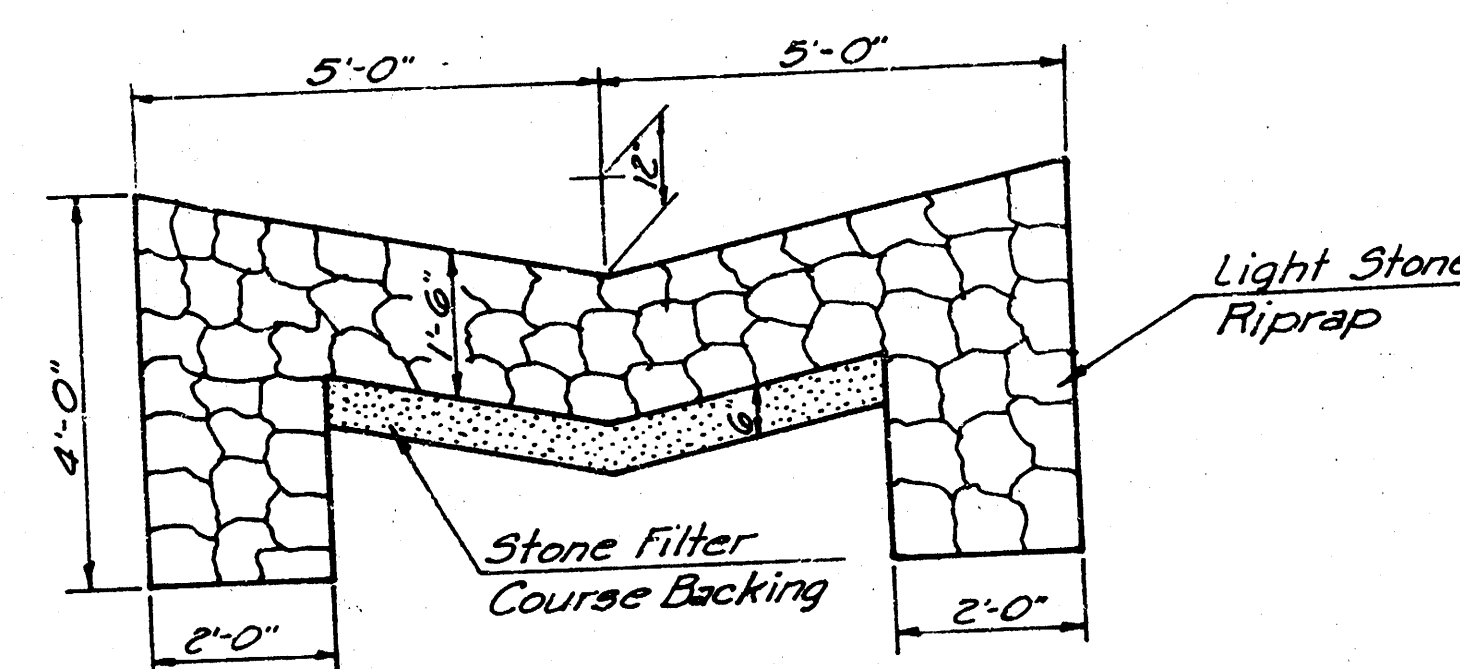
RIPRAP DETAILS
Channel Sta. 14+85.19



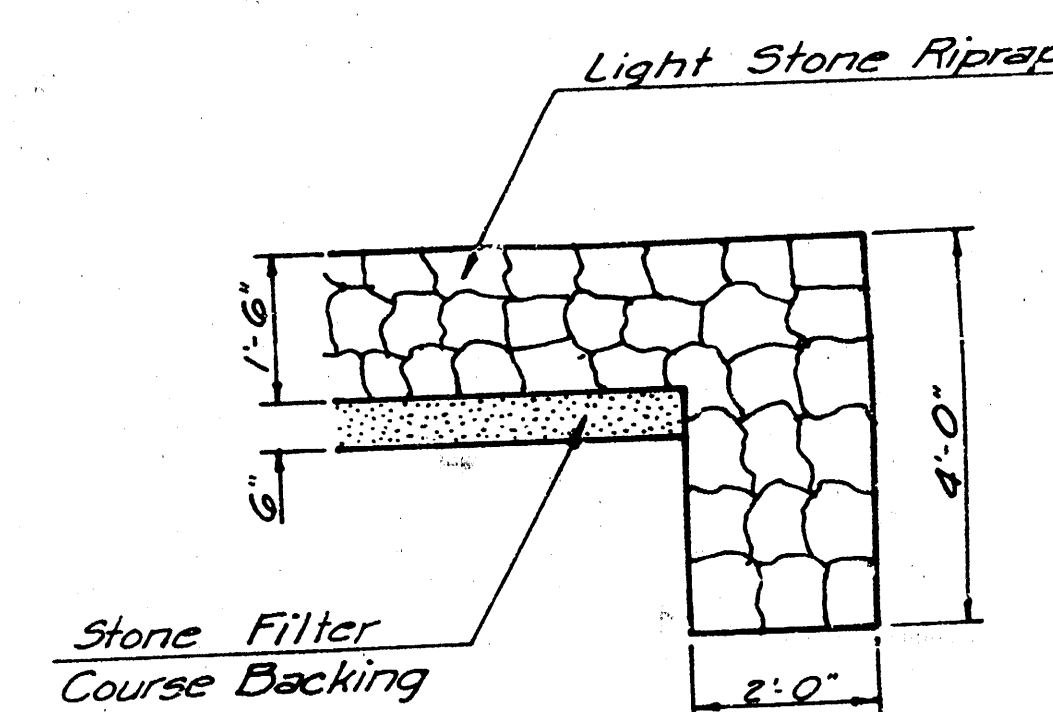
RIPRAP DETAILS
Channel Sta. 18+30



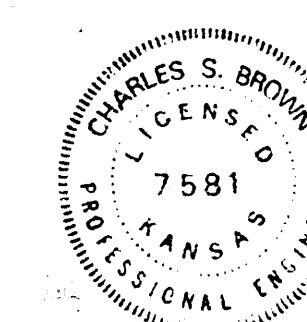
RIPRAP DETAILS
Channel Sta. 16+56



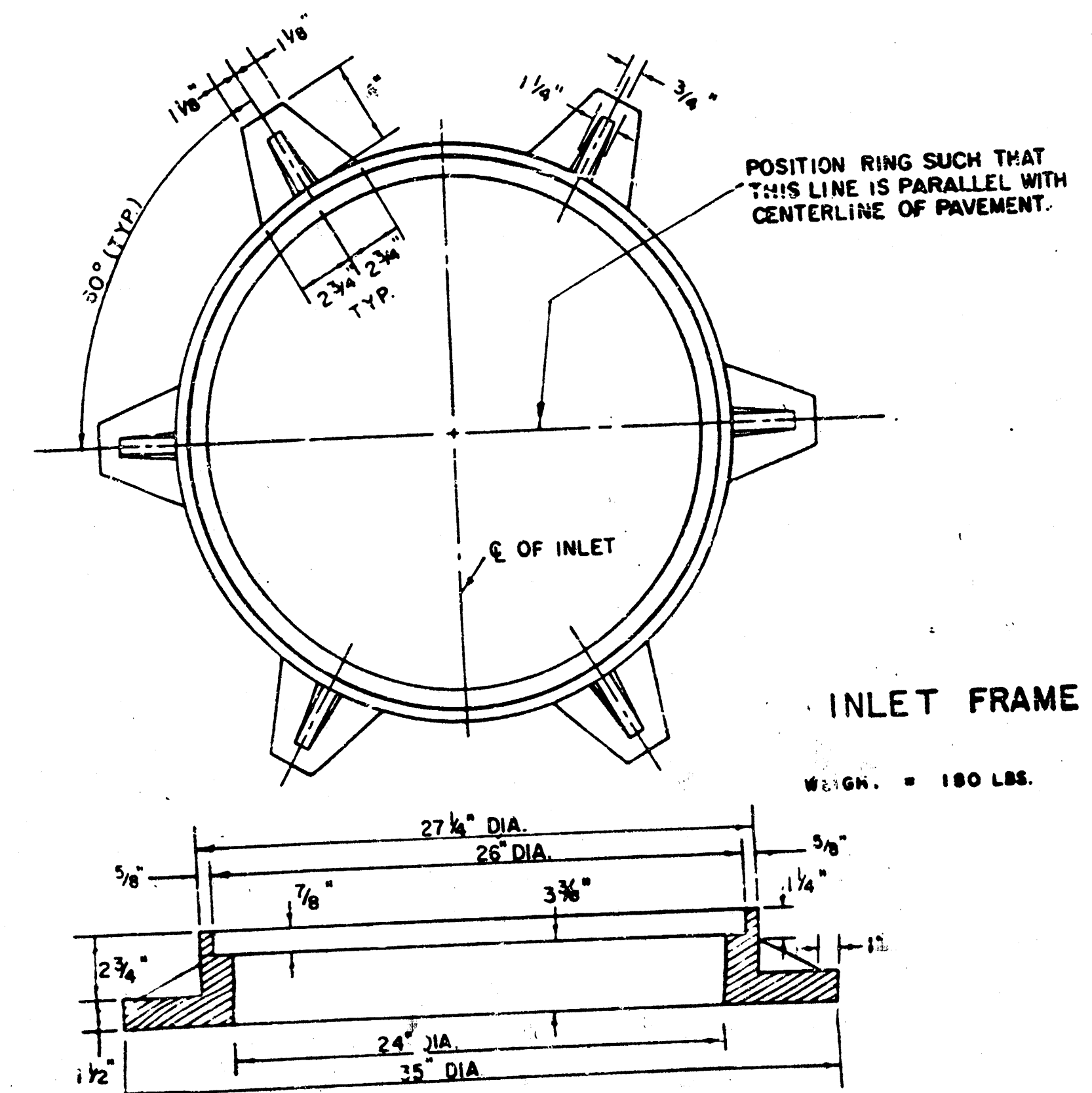
SECTION A-A



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



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



BENDING DIAGRAM

STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b							b ₂	b ₃	WT LBS.
				W6x4	W6x5	W6x6	W6x7	W6x8	W6x9	W6x10			
NUMBER	4	4	2	1	3	5	7	9	6	1	1		
SIZE	"4	"4	"4	"4	"4	"4	"4	"4	"4	"4	"6		
LEAVE IN	W=4"4"	5"7"	6"7"	4"0"	6"1"	-	-	-	1"9"	6"2"	4"8"	60"	
	W=5"4"	5"7"	6"7"	5"0"	6"1"	-	-	-	1"9"	6"2"	4"8"	81"	
	W=6"4"	5"7"	10"7"	5"0"	-	6"1"	-	-	1"9"	6"2"	4"8"	101"	
	W=6"4"	11"7"	12"7"	7"0"	-	-	6"1"	-	1"9"	6"2"	4"8"	121"	
	W=6"4"	13"7"	14"7"	8"0"	-	-	-	6"1"	1"9"	6"2"	4"8"	141"	

TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER

* NOTE: a_3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

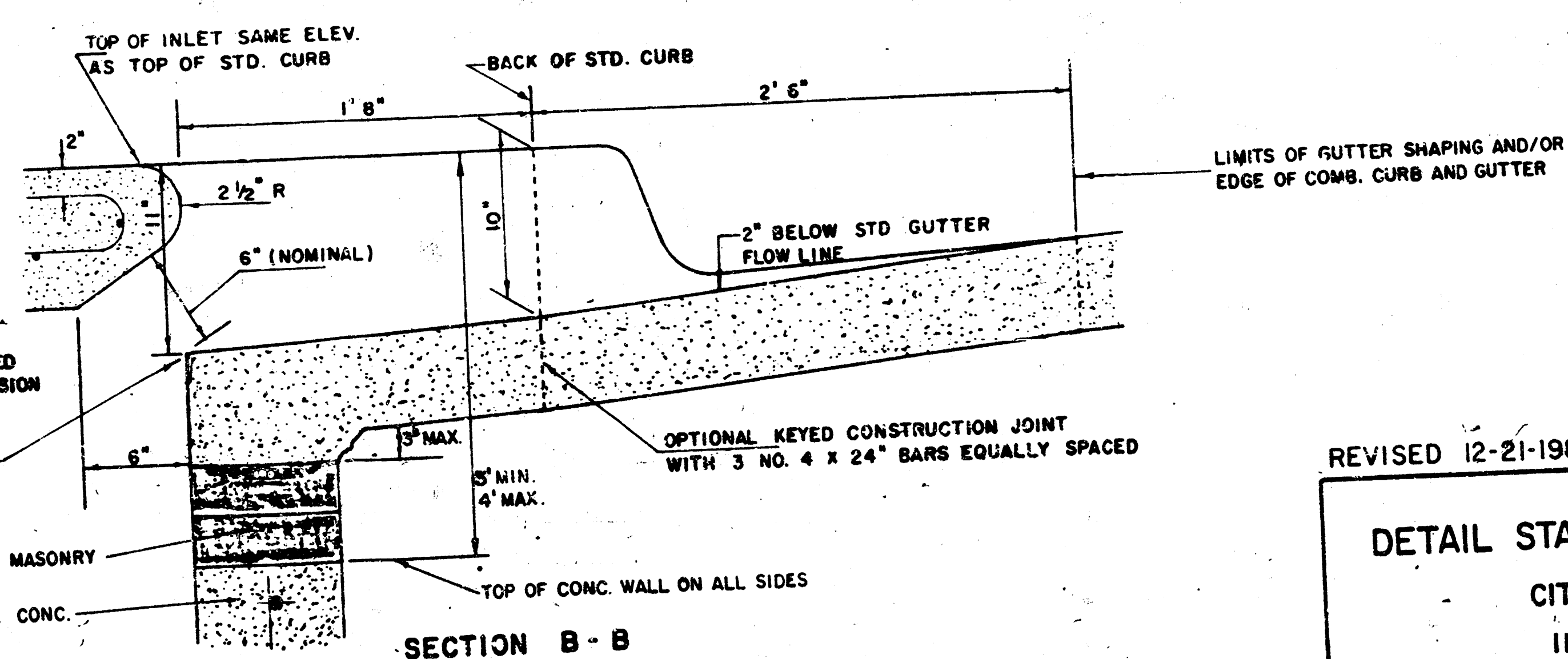
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	3'6" x 6'4" x 7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4'6" x 6'4" x 7 1/2"	24" & 30"	0.51 ±
6' 4"	5'8" x 6'4" x 7 1/2"	36" & 42"	0.64 ±
7' 4"	6'6" x 6'4" x 7 1/2"	48" & 54"	0.77 ±
8' 4"	7'8" x 6'4" x 7 1/2"	60" & 66"	0.90 ±

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.

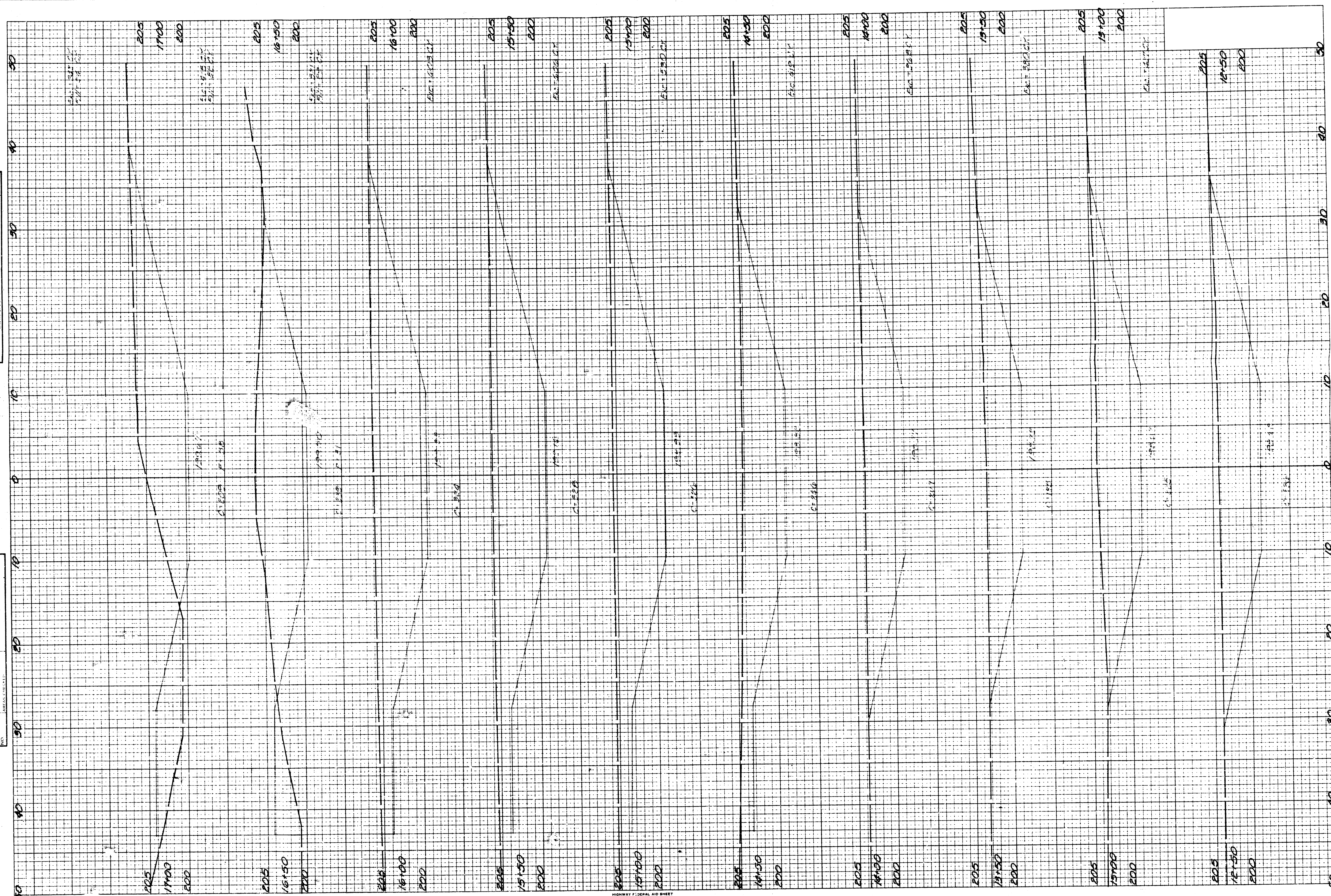
THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE
FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



REVISED 12-21-1984

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

JUNE 1984

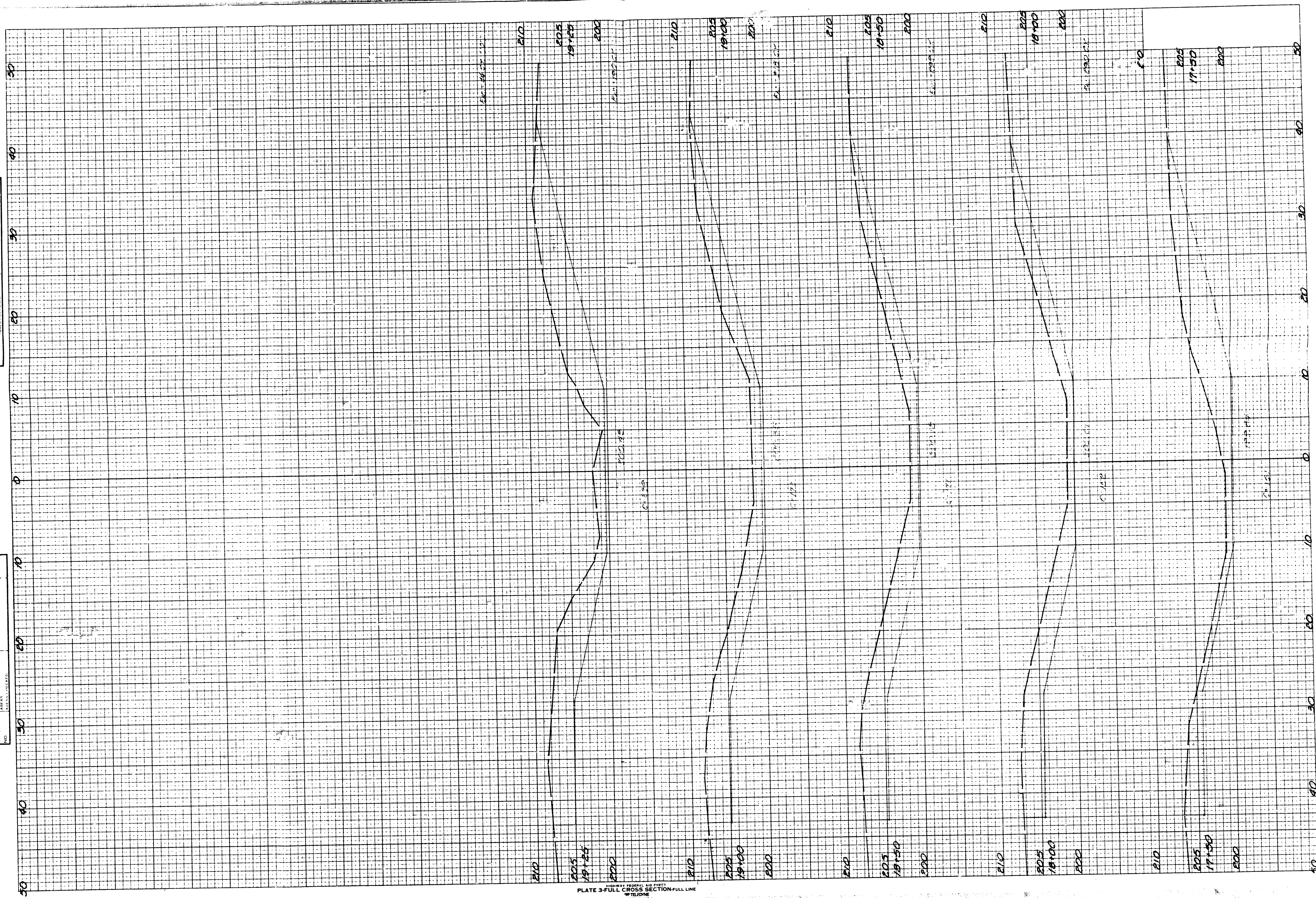


HIGHWAY FEDERAL AID SHEET
PLATE 3-FULL CROSS SECTION-FULL LINE
 TELEPHONE

NORTHBOROUGH SECOND ADDITION
(Drainage)

FINAL SURVEY
SERVED
FOOTED
NOTE: BROWN AREA
NOT TO SCALE

ORIGINAL SURVEY
SERVED
FOOTED
NOTE: BROWN AREA
NOT TO SCALE



ORIGINAL SURVEY	BY	DATE
SUBMITTED PLOTTED TEMPLATE MOUNTED INDEXED ABLES		

