

KANSAS TURNPIKE AUTHORITY
PROPERTY - PERMIT REQUIRED
TO DO WORK SHOWN

NOTES: CONTRACTOR TO FILL AND GRADE AREA TO
DRAIN ON TURNPIKE RIGHT-OF-WAY LEFT OF STA.
22443 ON CHANNEL B. FILL TO BE COMPACTED
TO A POINT 6" ABOVE THE TOP OF THE PIPE.
THIS WORK WILL NOT BE PAID FOR DIRECTLY
AND SHALL BE CONSIDERED AS SUBSIDIARY TO THE
OTHER ITEMS OF WORK. TOP OF LEFT SHOULDER ON
CHANNEL B TO MATCH EXISTING GROUND 15' SOUTH
OF TURNPIKE FENCE FROM STA. 25-50 TO STA.
25446. CONTRACTOR WILL BE REQUIRED TO
FILE A DEPOSIT WITH THE TURNPIKE AUTHORITY
BEFORE STARTING CONSTRUCTION. DEPOSIT WILL
BE REFUNDED UPON SATISFACTORY COMPLETION OF
THE WORK. ALL DISTURBED AREAS ON TURNPIKE
RIGHT-OF-WAY SHALL BE FERTILIZED, SEEDED,
AND MULCHED.

NOTES

1. Section letter or Detail No.
Sheet on which Section or Detail is
shown
2. All contours shown are exist ground in 1973
3. For Profiles See Sheet 3
4. For Storm Drain Plans & Profiles See Sheet 4
5. For Masses & Materials See Sheet 5
6. For Design Approval See letter dated 9-18-74
from M.S. Mitchell to Professional Engineering
Consultants, P.A.

HORIZONTAL CONTROL

COORDINATES		
POINT NO.	NORTH	EAST
(1)	100.00	200.00
(2)	100.00	643.65
(3)	175.0334341	553.8162309
(4)	216.1368866	272.7741373
(5)	559.7441281	247.806683
(6)	681.1331939	332.3306695
(7)	634.4174423	352.7146171
(8)	750.550438	661.5113653
(9)	713.6809449	966.3584414
(10)	484.9638428	1094.3954577
(11)	508.3596054	1779.8316257
(12)	612.4296305	290.5835053
(13)	640.5479710	383.2130915

SCALE 1"=40'
Contour Interval=1'
Date of Topo 10-73

Fill area to Elev. 132.0±
Cross-Sections Required

Install end-sections start @ 9' L.A.
Sta. 22441, Paid for as L.F. Pipe
Install 47'± of 24" RCP
USFL 14207; DSFL 14210

Remove Headwall
Install Conc. Collar Pipe Joint

Note: Construct Ditch Check,
Alter as required to align with
Channel from E.N.E. (Sta. 24488±)

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BLOCK 1
LOT 1
LINCOLN MEADOWS, AN
ADDITION TO WICHITA,
SEDGWICK COUNTY, KANSAS

NOTE: All Grid Lines Parallel
of right Angle to South Line
of Addition

Minimum Required Finish
Elevation 8' 25" North of P.L.
(TO PREVENT FLOODING FROM STREET)

Easterly Coordinate Station

VERTICAL CONTROL

NOTE: Elevations Shown are City of Wichita Datum
B.M. #1 - Chris. "S" S.E. Cor. of South Headwall of
2-5'x4' R.C.B. under K.T.A. Elev. = 145.20

B.M. #2 - Metal Fc Post @ Coordinate
Sta. 100E & 111.7N Elev. = 158.17

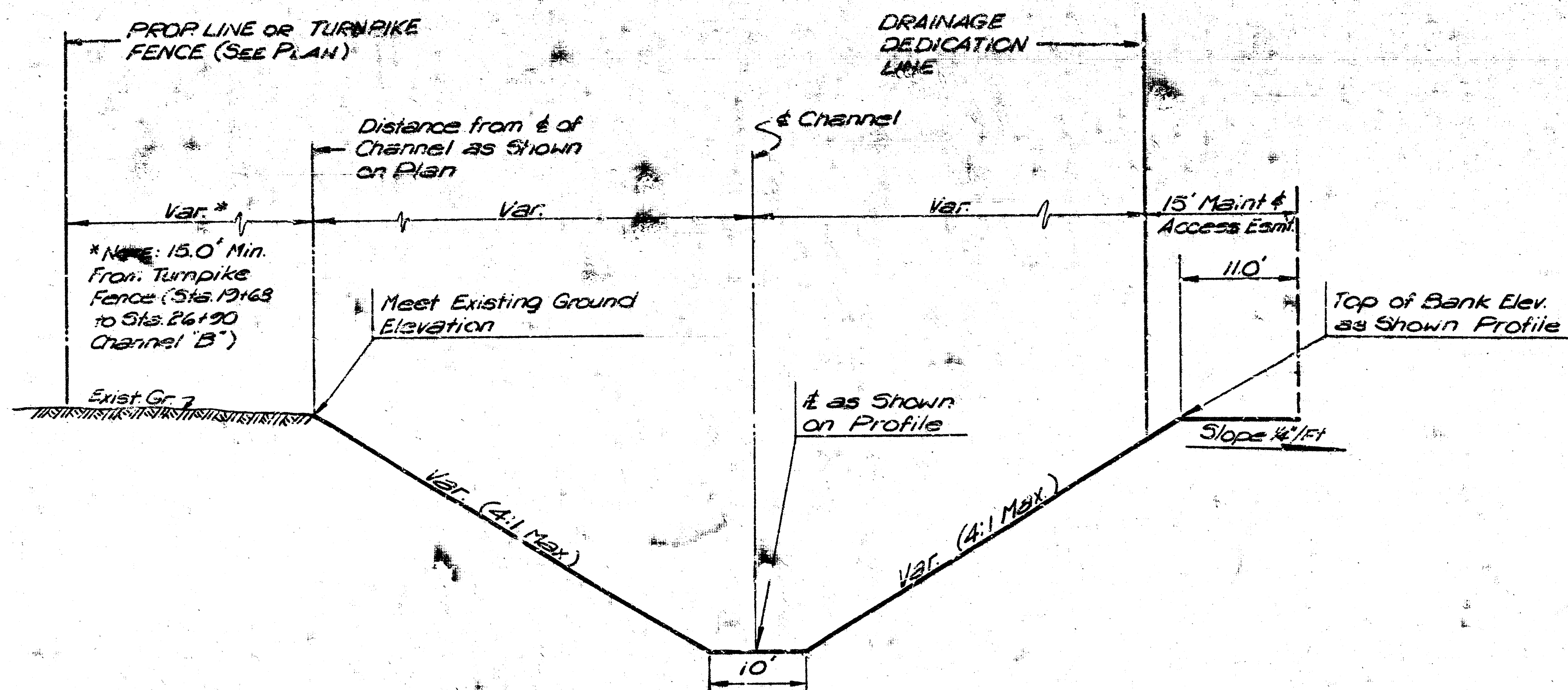
B.M. #3 - RR Spike in Hedge tree @ Coordinate
Sta. 187.5E & 32.0N Elev. = 162.18

CURVE DATA

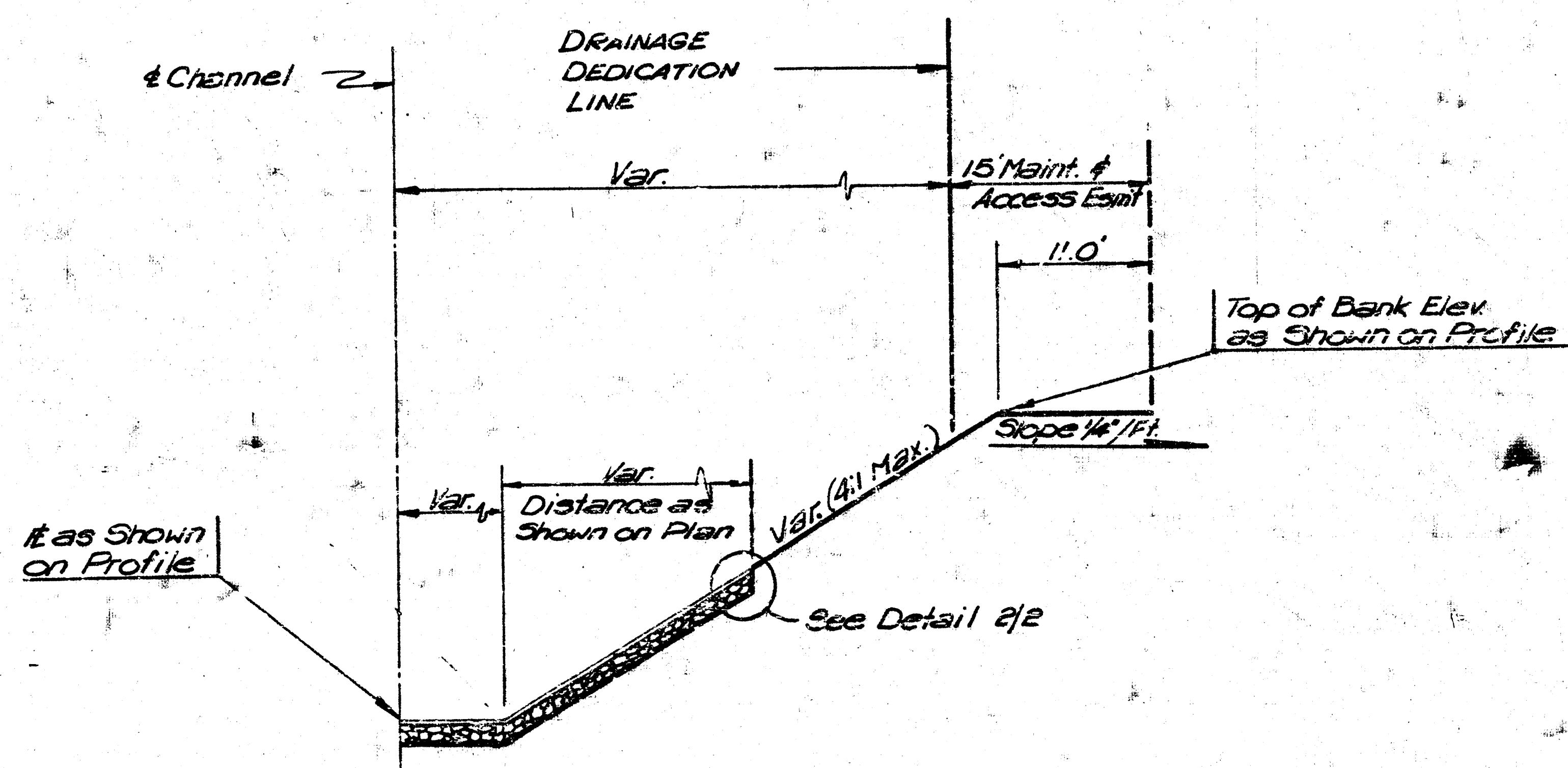
CURVE	DATA
CURVE No. 1 P.I. = Sta. 11+13.25 Δ = 40°00'00" R = 131.00' L = 21.40'	CURVE No. 5 P.I. = Sta. 11+55.56 Δ = 81°02'14" R = 85.00' L = 129.12'
CURVE No. 2 P.I. = Sta. 17+13.70 Δ = 40°00'00" R = 131.00' L = 21.40'	CURVE No. 7 P.I. = Sta. 17+56.20 Δ = 53°51'47" R = 84.00' L = 226.56'

NOTE: BECAUSE OF GROUND CHANGE SINCE
ORIGINAL CROSS-SECTIONS, THE ENGINEER
SHALL TAKE NEW CROSS-SECTIONS BEFORE
AND AFTER CONSTRUCTION OF THIS PROJECT.

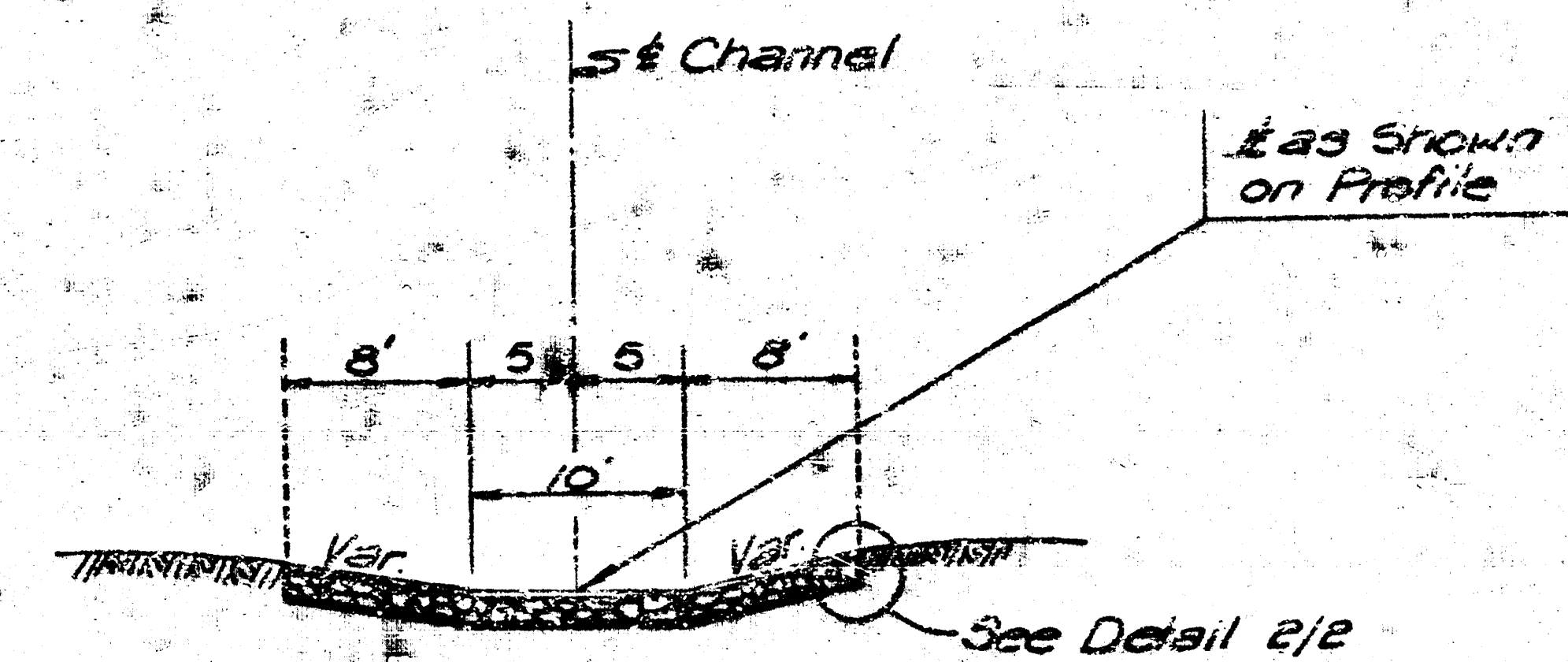
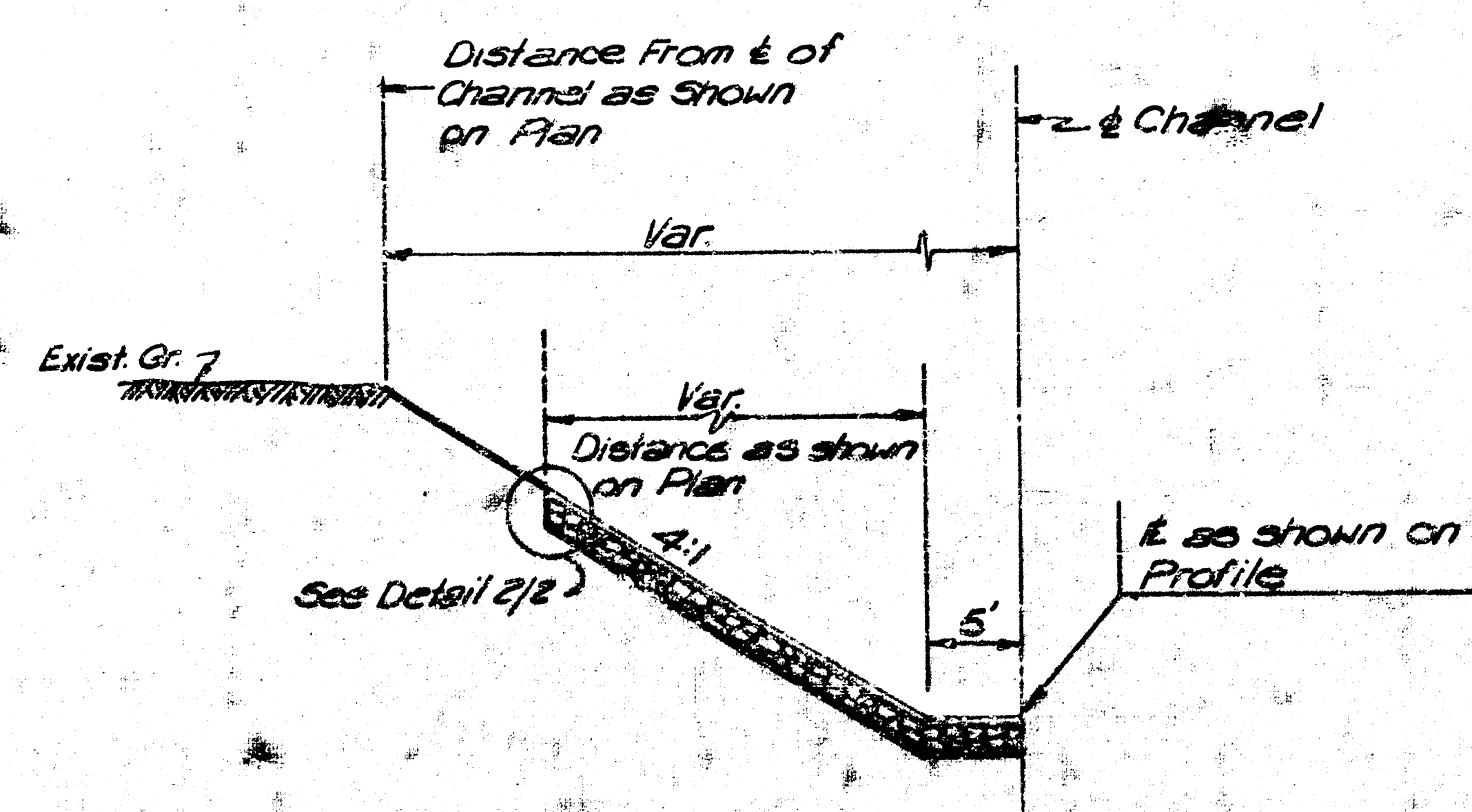
2 Revised for SWD #21		W.K.
1 Changed S.D.-B f Added Note "G"		G.A.
No.	Revision	By



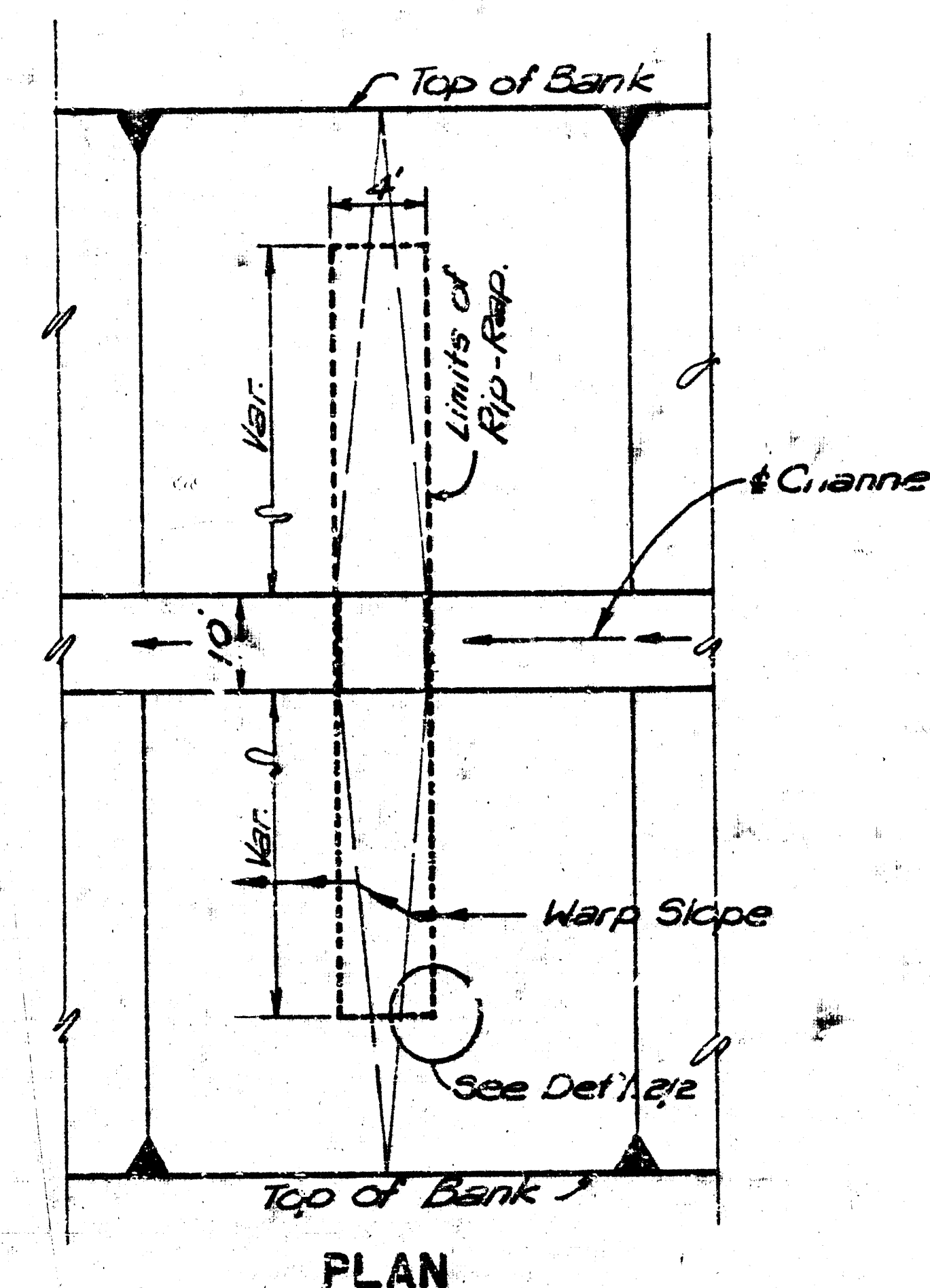
A
2 TYPICAL CHANNEL SECTION
(CHANNEL "A" & CHANNEL "B")



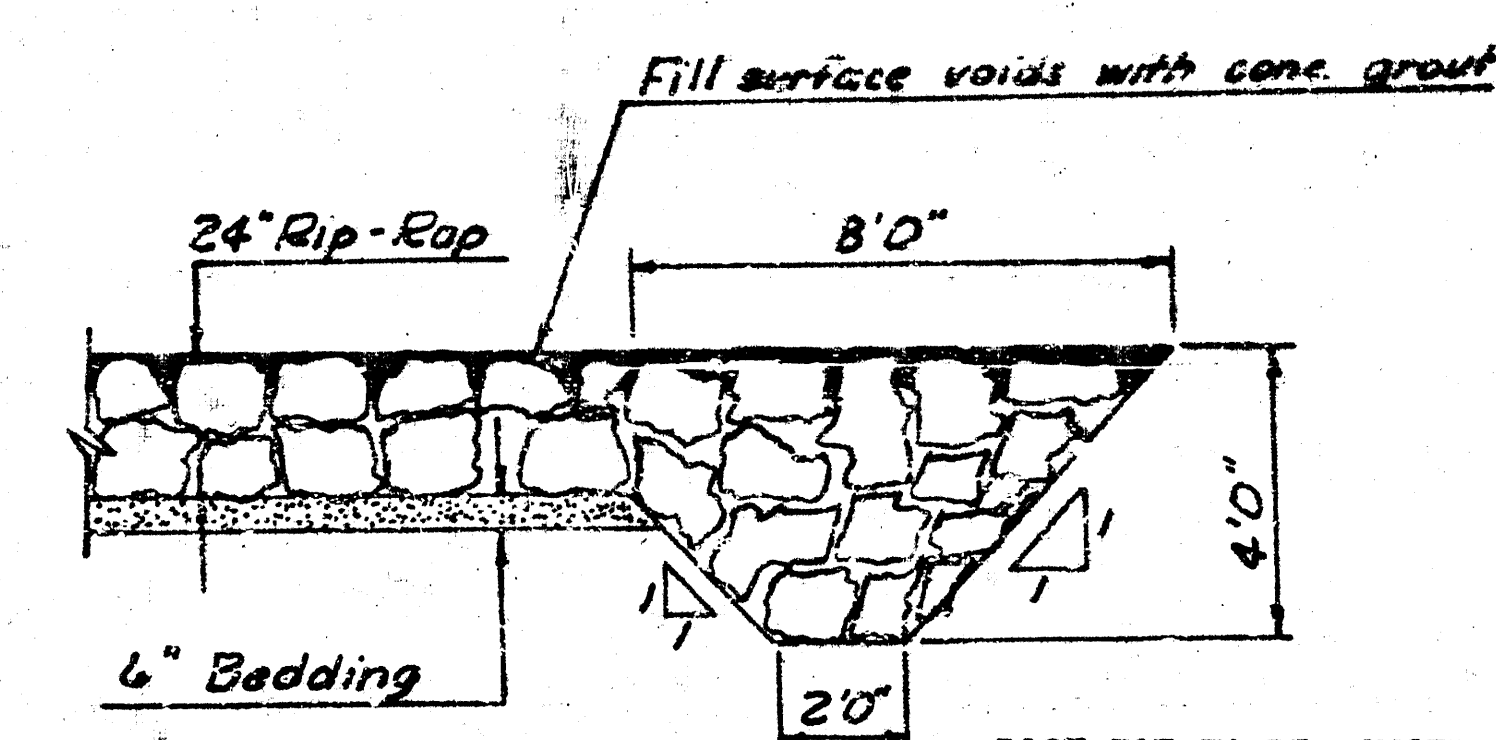
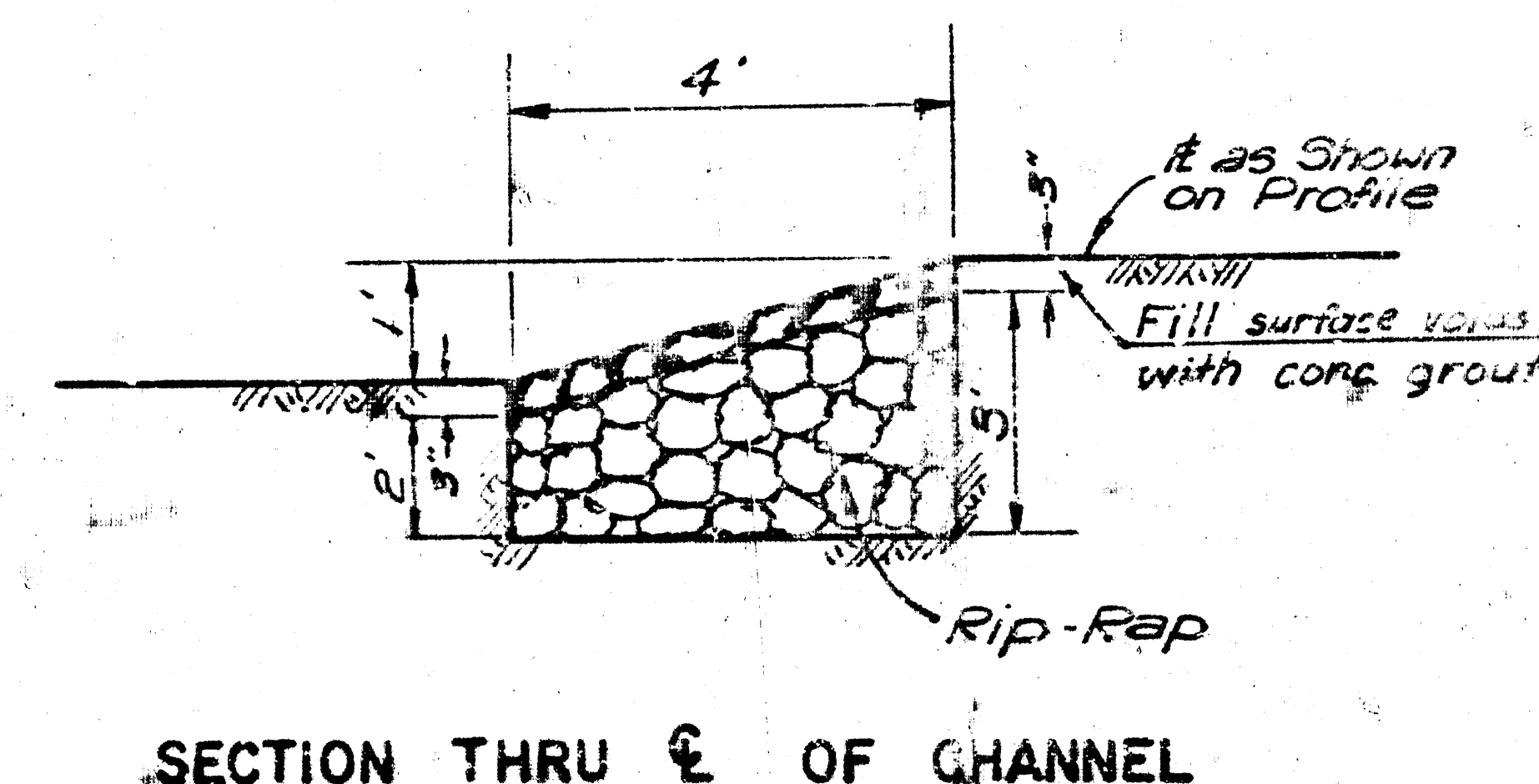
B
2 TYPICAL CHANNEL SECTION
Sta. 16+66.02 (Channel "A") to Sta. 12+03.97 (Channel "B")



D
2 TYPICAL CHANNEL SECTION
Sta. 10+00 to Sta. 10+14.85 (Channel "B")



1
2 DITCH CHECK DETAILS

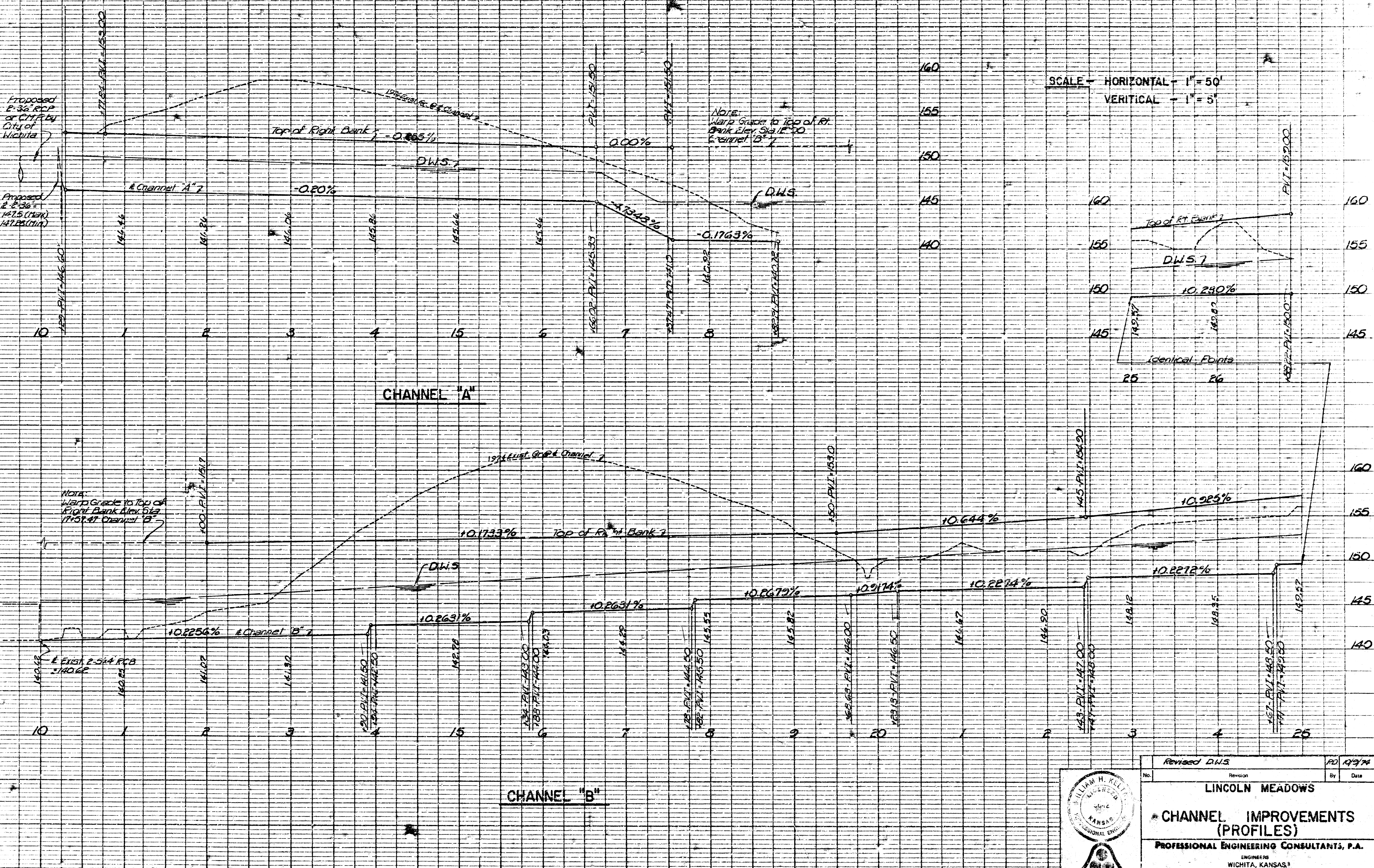


ROCK TOE TO BE CONSTRUCTED ON UPSTREAM & DOWNSTREAM ENDS OF RIP-RAP. ROCK TOE WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID PER SQUARE YARD OF ROCK RIP-RAP.

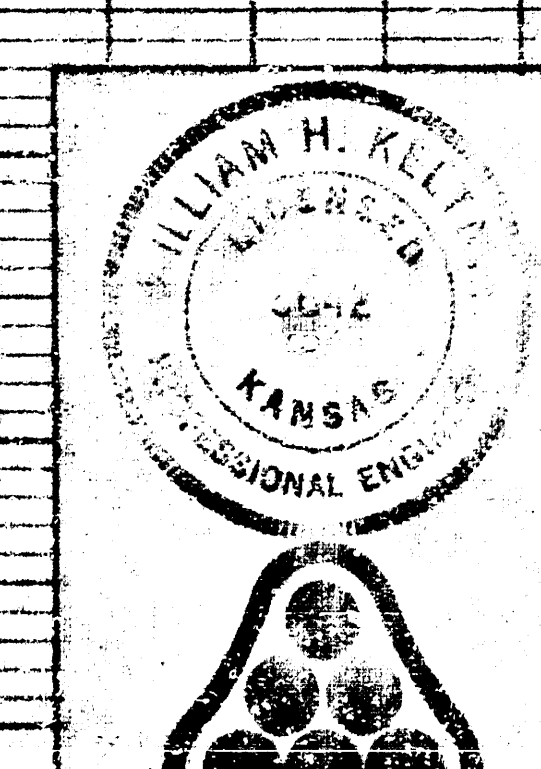
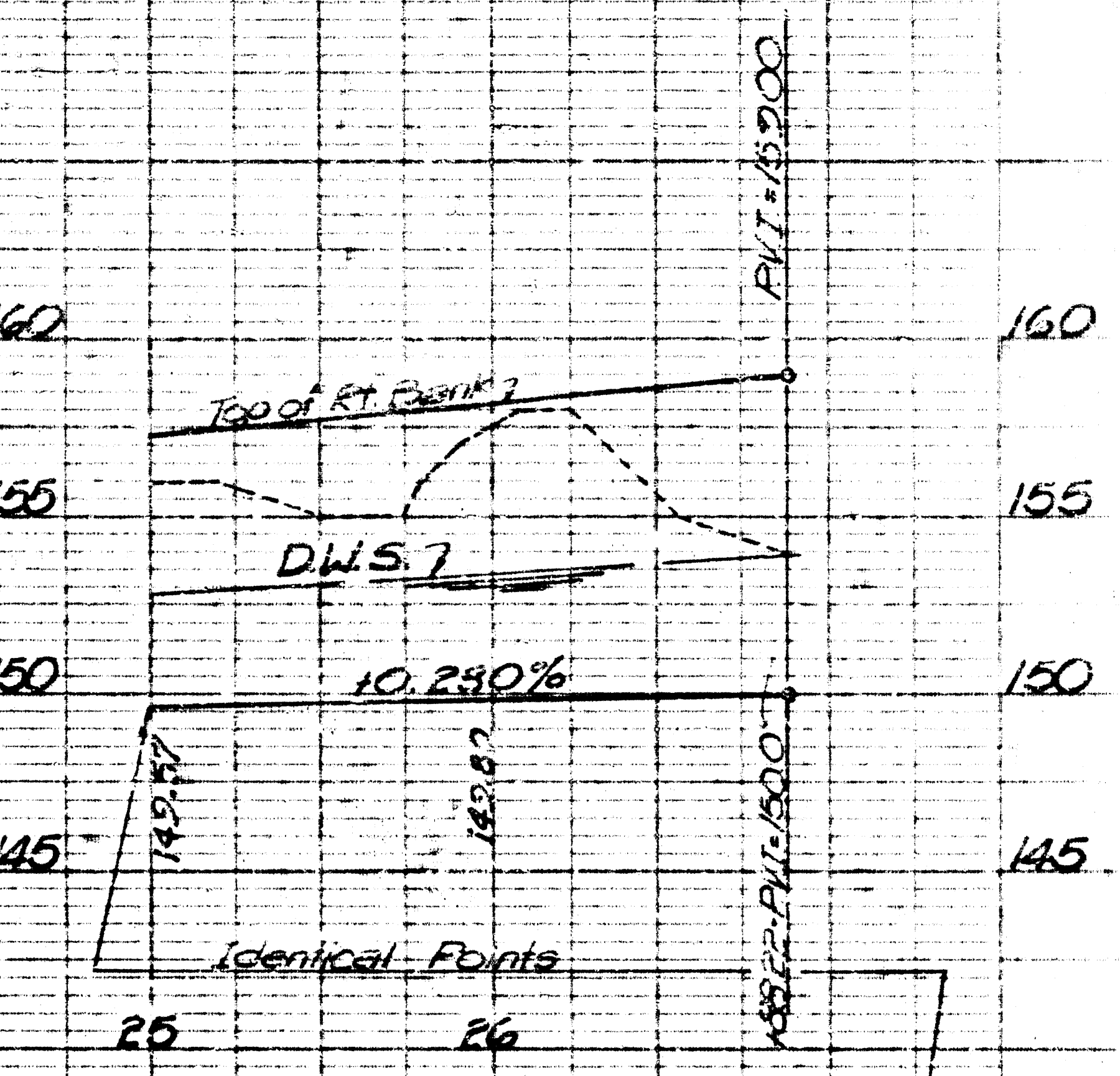
2
2 RIP RAP DETAILS



1	Revised for SWD#21	WK	4-24-1
No.	Revision	By	Check
LINCOLN MEADOWS			
CHANNEL IMPROVEMENTS			
(SECTIONS & DETAILS)			



SCALE - HORIZONTAL - 1" = 50'
 VERICAL - 1" = 5'



Revised DWS		By	Date
No.		By	Date
LINCOLN MEADOWS			
CHANNEL IMPROVEMENTS (PROFILES)			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.			
ENGINEERS WICHITA, KANSAS			
Designed by	Job No.	Sht. 3 of 6	
Drawn by	Date		

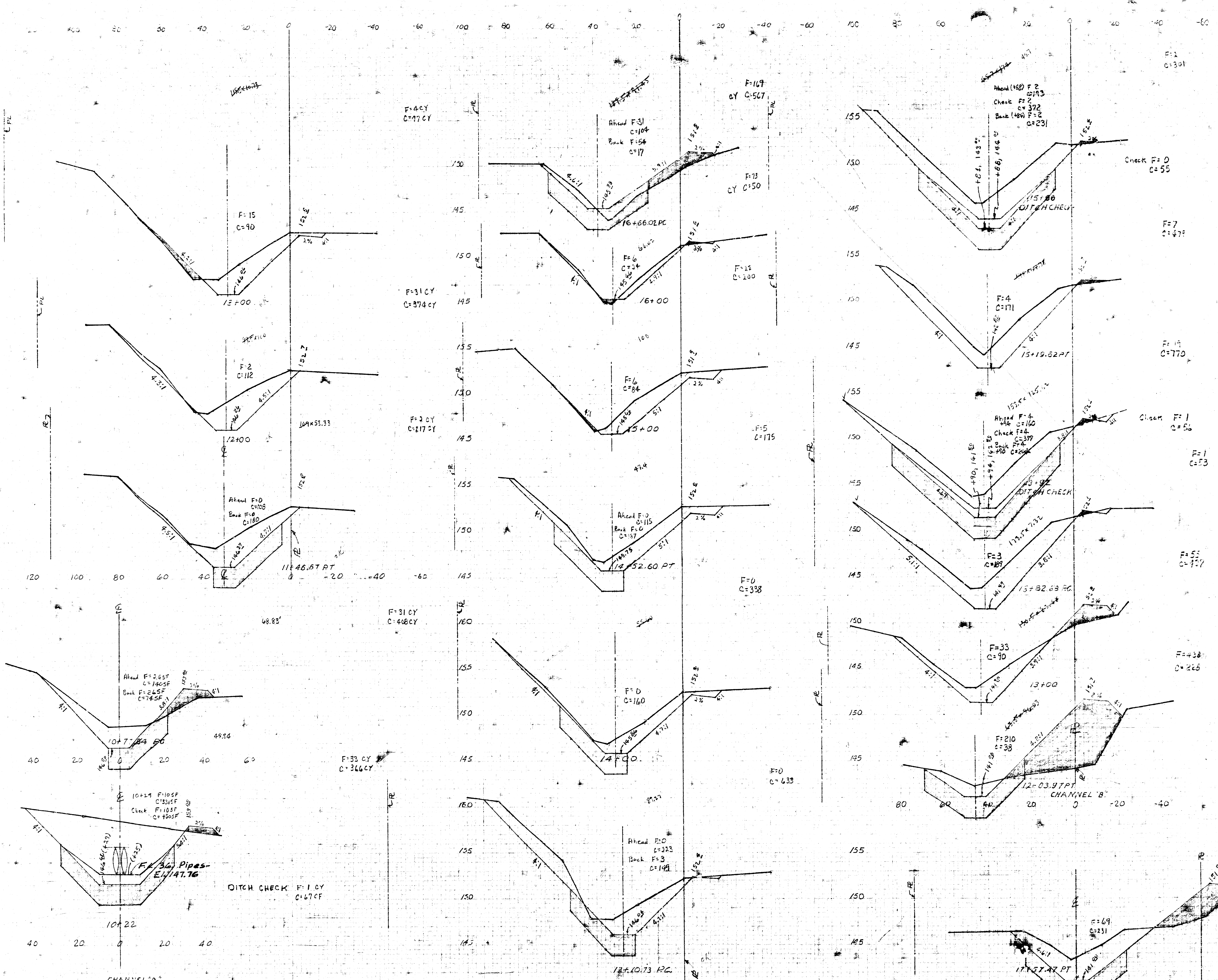
LINCOLN MEADOWS
CHANNEL SECTIONS
CHANNELS A & B
Sheet 1 of 2

See Channel Improvement Plan
by P.E.C. Sheet 1 for

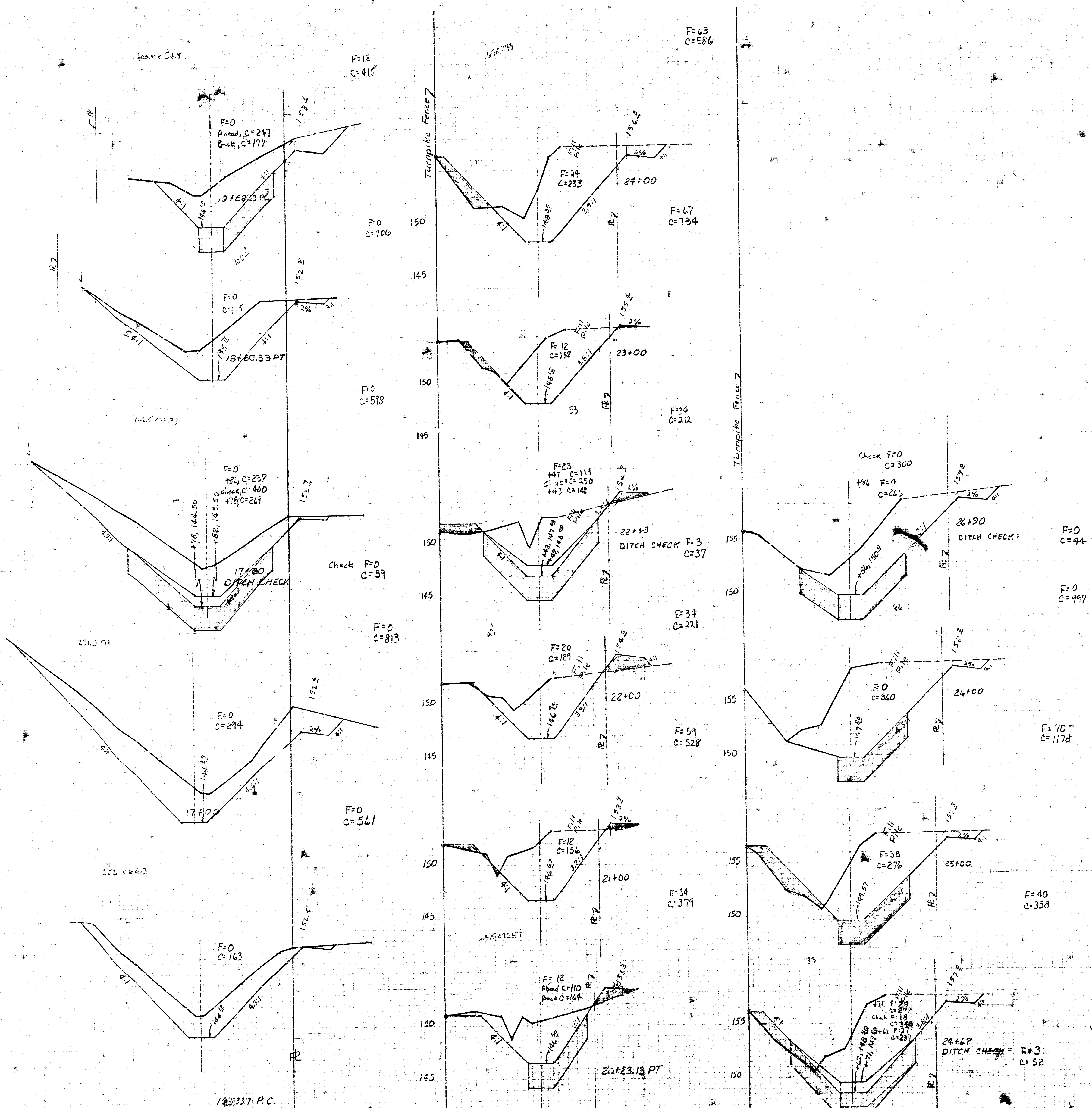
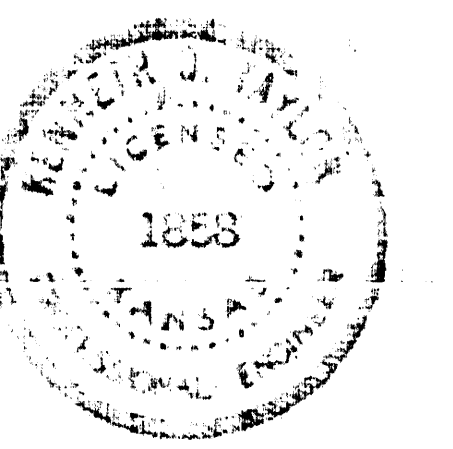
1. Bench marks
2. Stations and location of Channel A & B

Cross Sections in field made on
Sept. 2, 1975

K.O. Taylor, P.E.
Sept. 10, 1975



TOTAL THIS SHEET
F=380 CY
C=5811 CY



TOTAL THIS SHEET F=419
C=650.27
8318



TOTAL THIS SHEET F= 23 CY
C= 1372 CY
1430
TOTAL ALL SHEETS F= ~~1661~~ CY
C= ~~15,196~~ CY
15,701