

8951-115-3445: Plan view of the structures, as well as azimuth/distance information

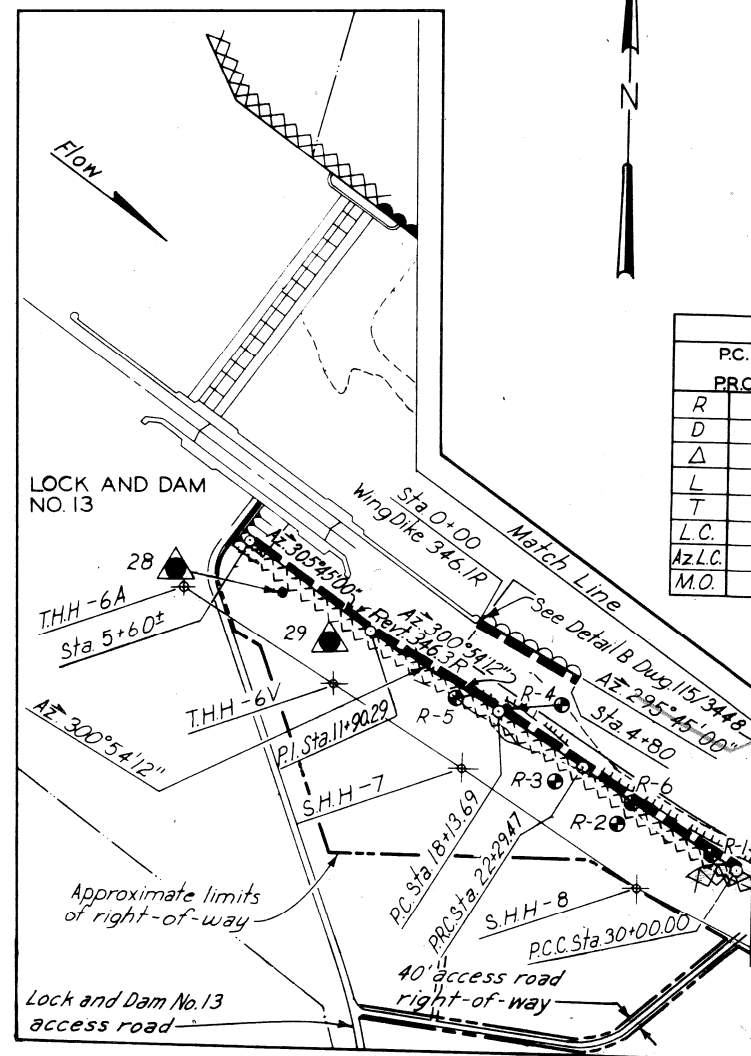
8951-115-3447/3448: Profile views of the structures, outlining design elevations, lengths, and structure types.

STD 8033-115-21/22/23: Typical sections of the structures. (The typical section for each structure can be found on its profile drawing, for example most of the dikes are "Type H")

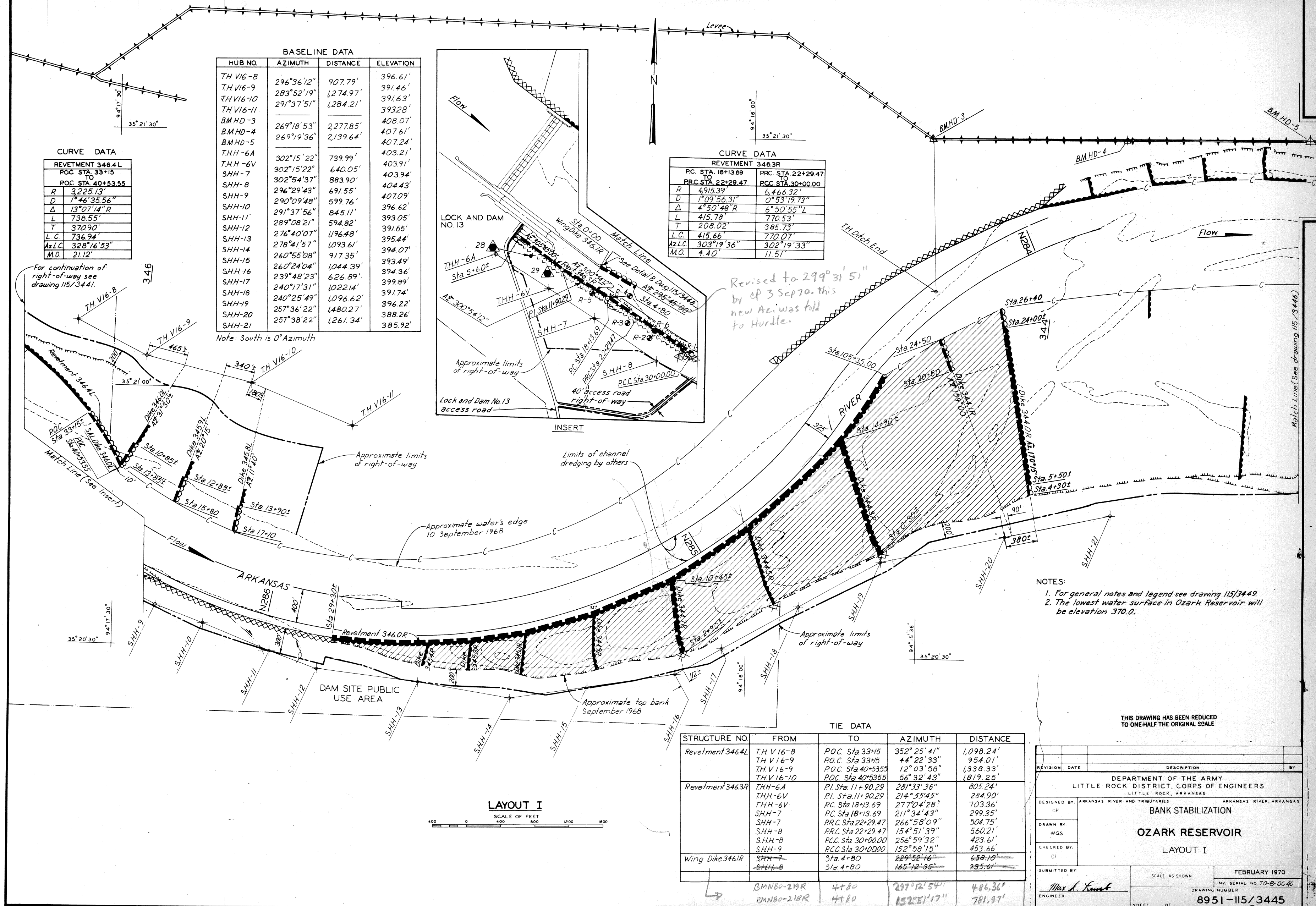
CURVE DATA	
REVETMENT 346.4L	
POC STA 33+15 TO POC STA 40+53.55	
R	3225.13'
D	1°46'35.56"
Δ	13°07'14"R
L	738.55'
T	370.90'
L.C.	736.94'
AXL.C.	328°/6'53"
M.O.	21.12'

For continuation of
right-of-way see
drawing 115/3441.

CURVE DATA			
REVETMENT 3463R			
PC. STA. 10+130.9		PAC. STA. 22+29.4	
PRC. STA. 22+29.47		PCC. STA. 30+00.00	
R	495.39'	6,466.32'	
D	1°09'56.31"	0°53'19.73"	
Δ	4°50'48"	6°50'55" L	
L	415.78'	710.53'	
T	208.02'	385.73'	
L.C.	415.66'	770.07'	
Δz/LC	303°19'36"	302°19'33"	
M.O.	4.40'	11.51'	



Revised to $299^{\circ} 31' 5''$
by CP 3 Sep 70. this
new Azi. was told
to Hurdle.



TIE DATA				
STRUCTURE NO.	FROM	TO	AZIMUTH	DISTANCE
Revetment 3464L	T.H. V 16-8	P.O.C. Sta 33+35	352° 25' 41"	1,098.24'
	T.H. V 16-9	P.O.C. Sta 33+5	44° 22' 33"	954.01'
	T.H. V 16-9	P.O.C. Sta 40+5355	12° 03' 58"	1,338.33'
	T.H. V 16-10	P.O.C. Sta 40+5365	56° 32' 43"	1819.25'
Revetment 3463R	T.H.H-6A	P.I. Sta 11+90.29	281° 33' 36"	805.24'
	T.H.H-6V	P.I. Sta 11+90.29	214° 55' 45"	284.90'
	T.H.H-6V	P.C. Sta 18+3.69	277° 04' 28"	703.36'
	S.H.H-7	P.C. Sta 18+3.69	211° 34' 43"	299.35'
	S.H.H-7	P.R.C. Sta 22+29.47	266° 58' 09"	504.75'
	S.H.H-8	P.R.C. Sta 22+29.47	154° 51' 39"	560.21'
	S.H.H-8	P.C.C. Sta 30+00.00	256° 59' 32"	423.61'
	S.H.H-9	P.C.C. Sta 30+00.00	152° 58' 15"	453.66'
Wing Dike 3461R	T.H.H-7	Sta 4+80	229° 52' 16"	658.10'
	S.H.H-8	Sta 4+80	165° 12' 35"	935.61'

BMN80-219R	4+80	297°12'54"	486.36
BMN80-218R	4+80	152°51'17"	781.97

THIS DRAWING HAS BEEN REDUCED
TO ONE-HALF THE ORIGINAL SCALE

REVISION	DATE	DESCRIPTION	BY
<p style="text-align: center;"> DEPARTMENT OF THE ARMY LITTLE ROCK DISTRICT, CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS </p>			
DESIGNED BY:	ARKANSAS RIVER AND TRIBUTARIES		ARKANSAS RIVER, ARKANSAS
CP	<p style="text-align: center;"> BANK STABILIZATION OZARK RESERVOIR LAYOUT I </p>		
DRAWN BY:			
WGS			
CHECKED BY:			
CF			
SUBMITTED BY:		SCALE AS SHOWN	FEBRUARY 1970 INV. SERIAL NO. 70-B-0040
ENGINEER <i>Max A. Hunt</i>		DRAWING NUMBER	8951-115/3445
SHEET		OF	

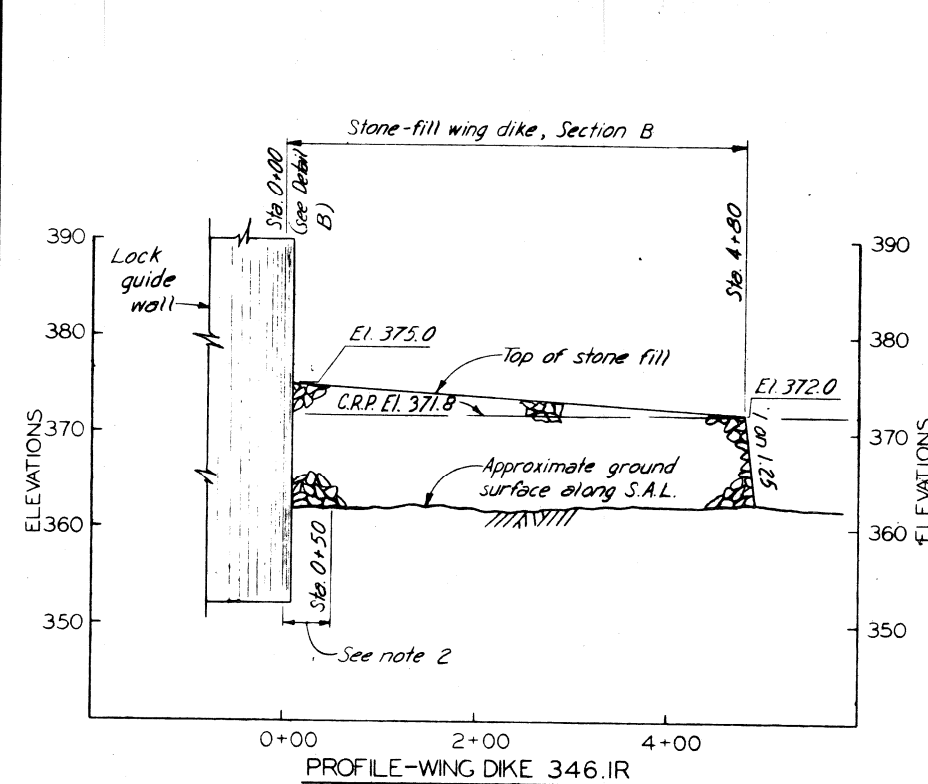
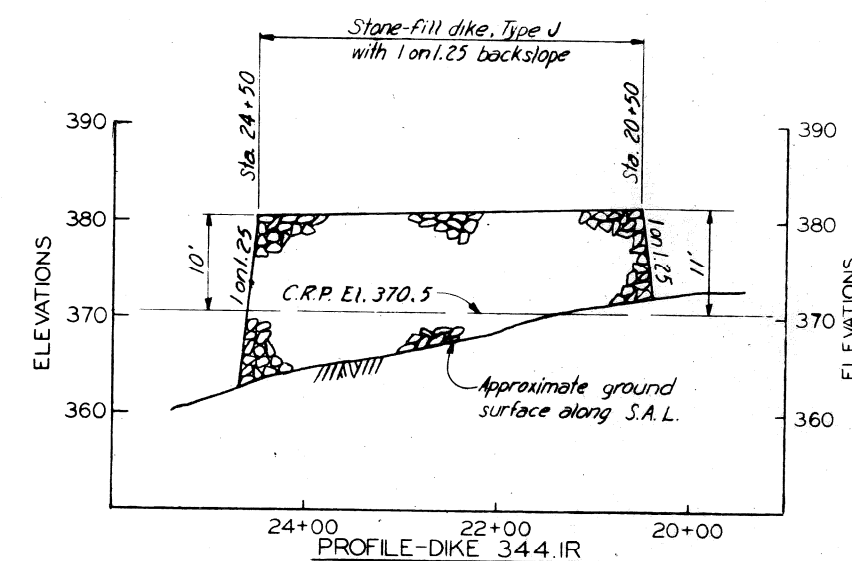
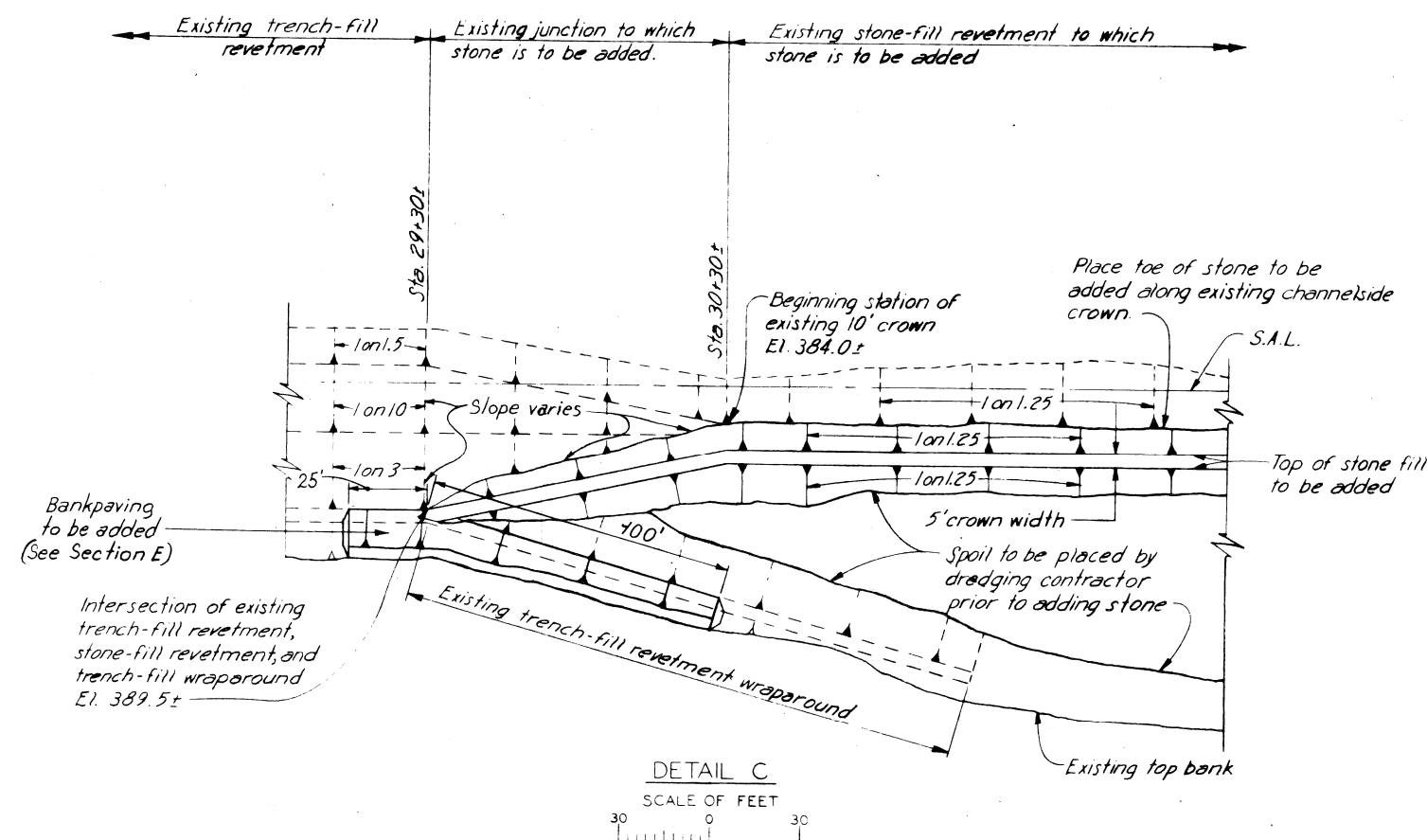
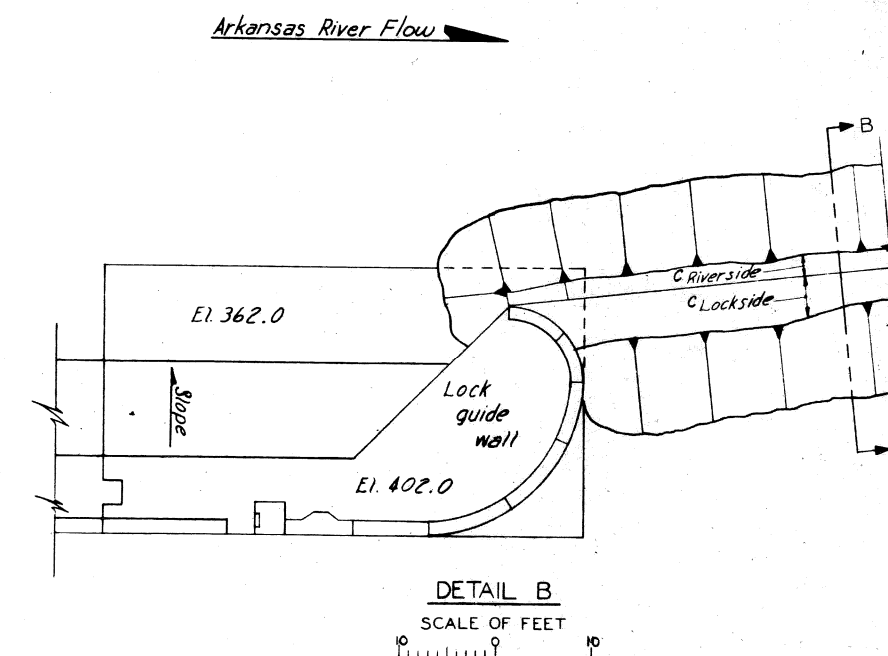
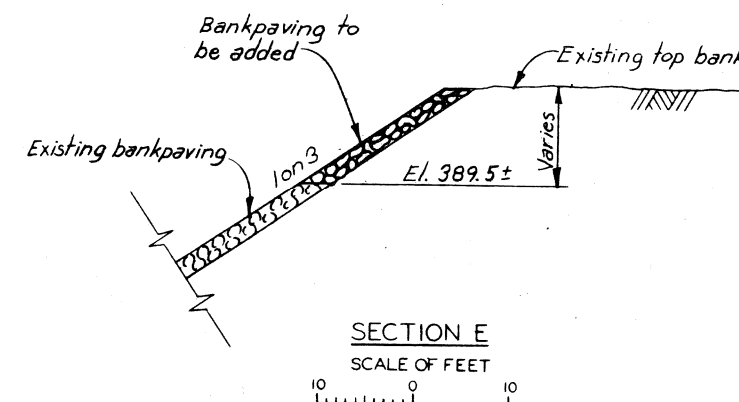
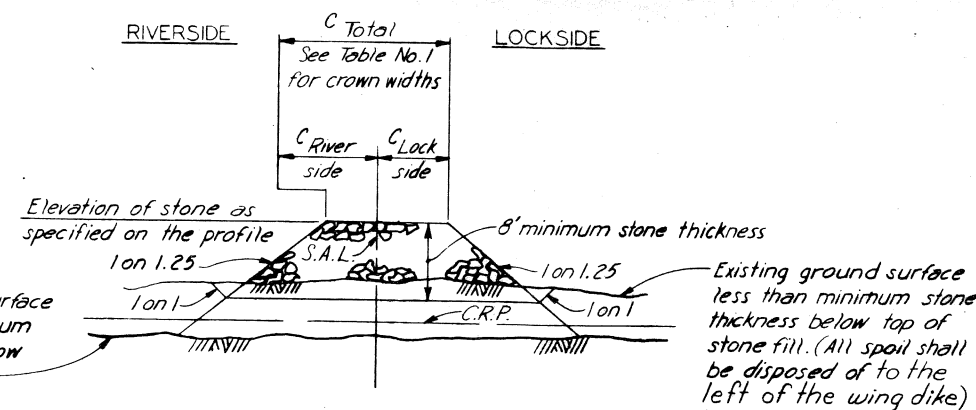


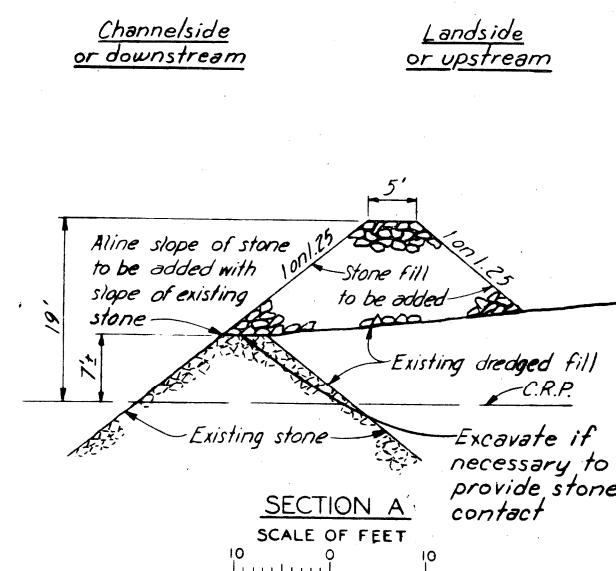
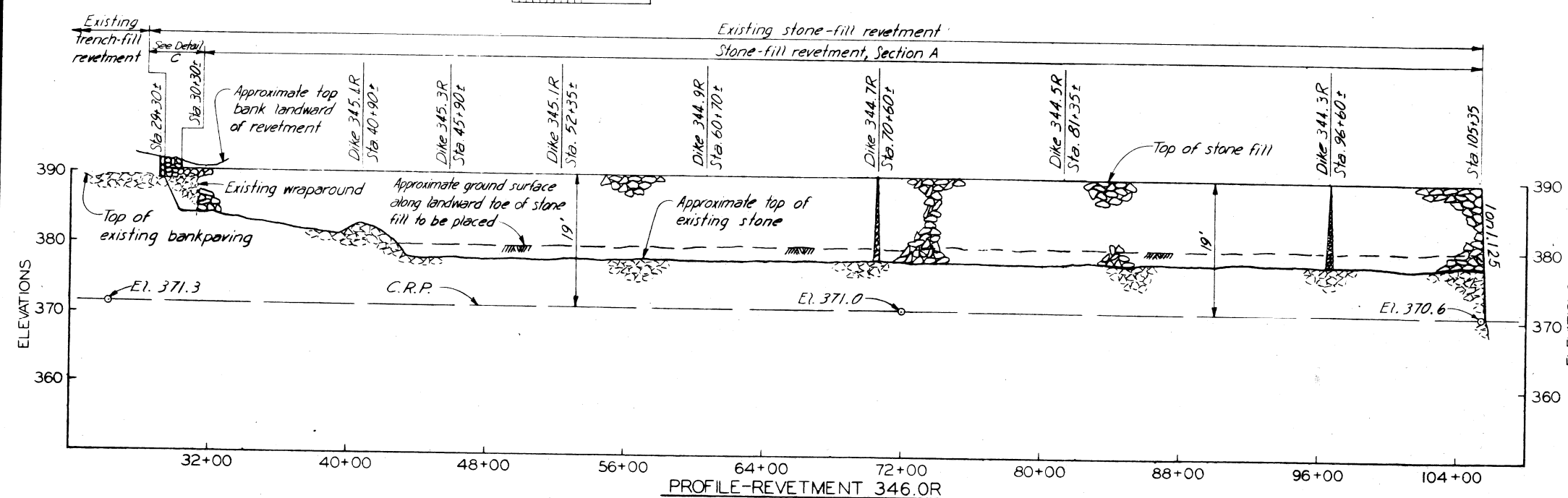
TABLE NO. 1

GROUND SURFACE BELOW TOP OF STONE	LOCK SIDE	RIVER SIDE	TOTAL
8' and above	7'	4'	11'
10'	6'	3'	9'
12'	5'	2'	7'
14'	5'	1'	6'
16' and below	5'	0'	5'

* See note 3

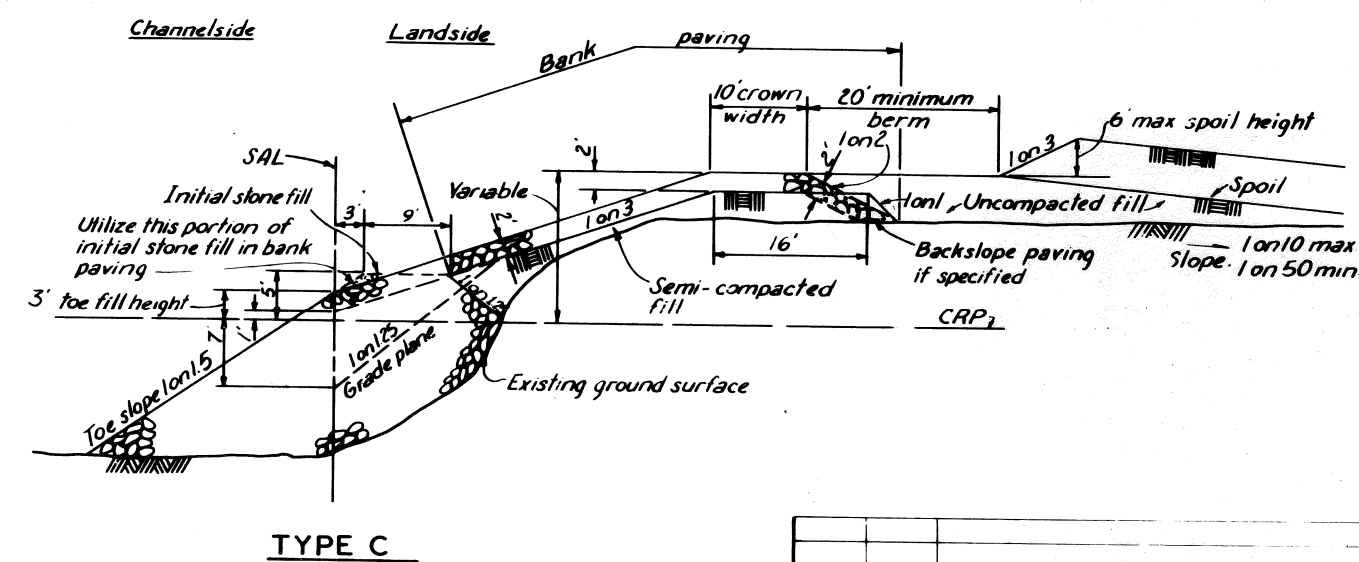
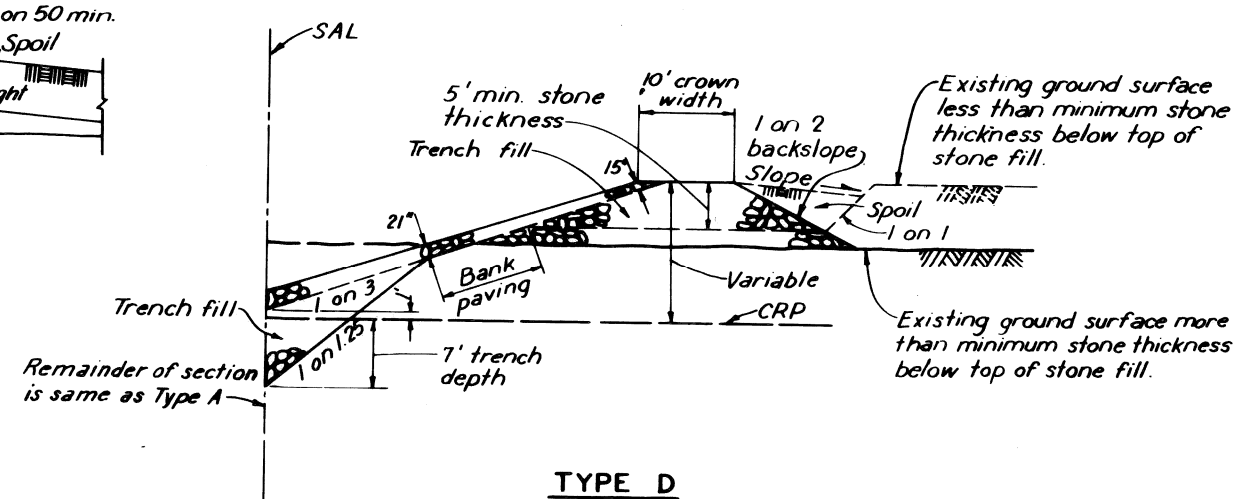
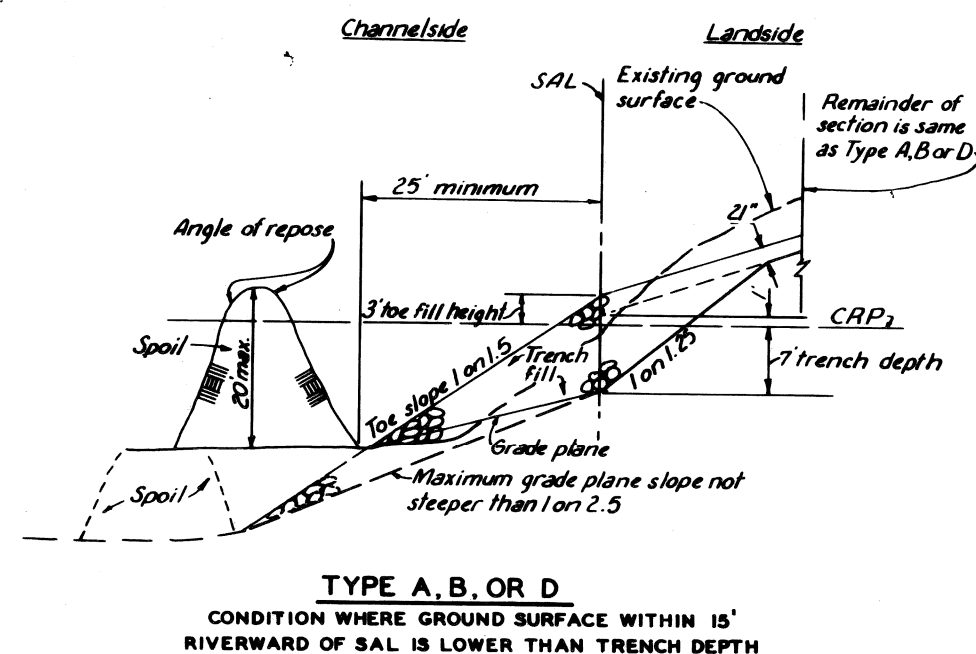
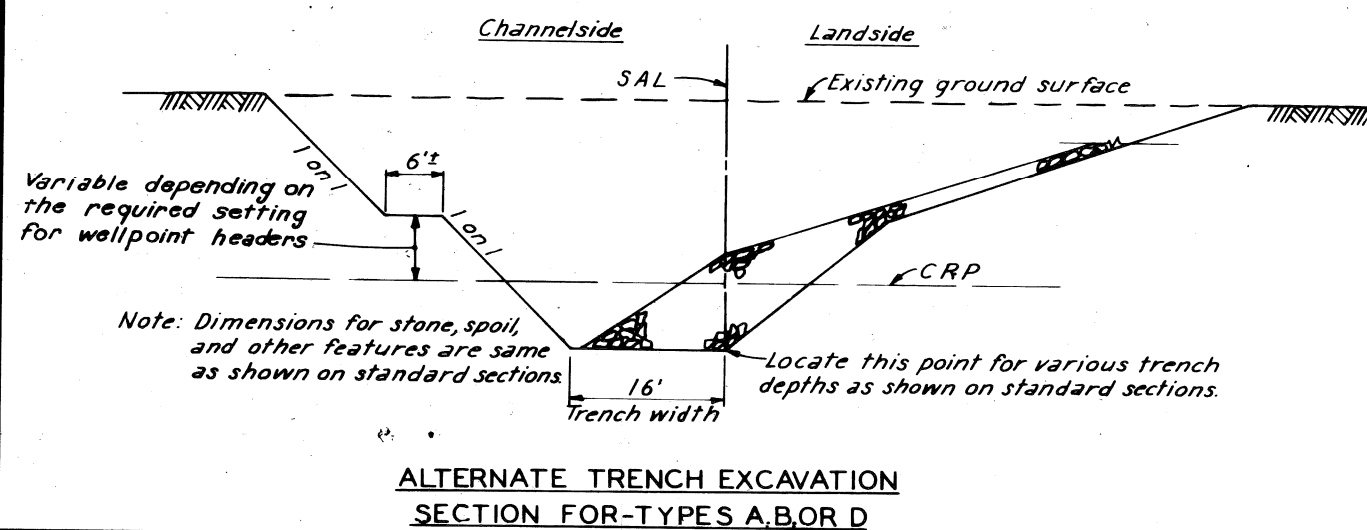
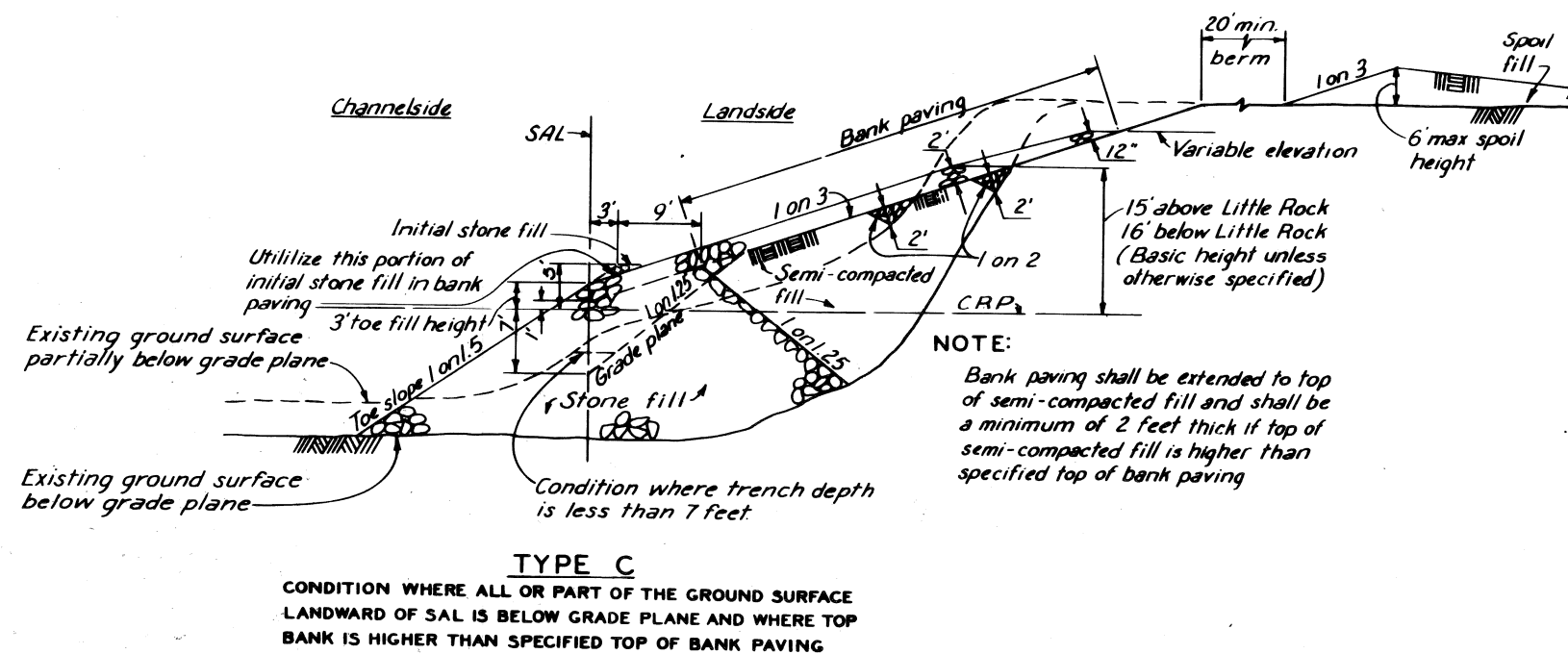
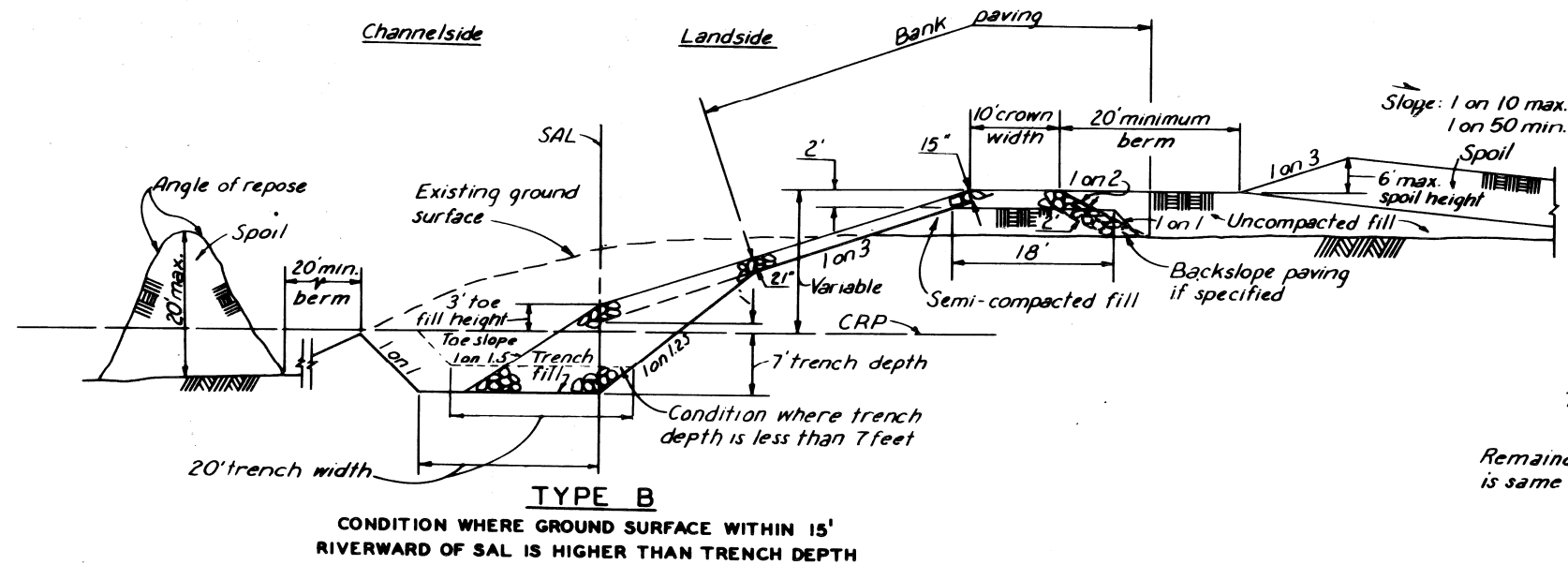
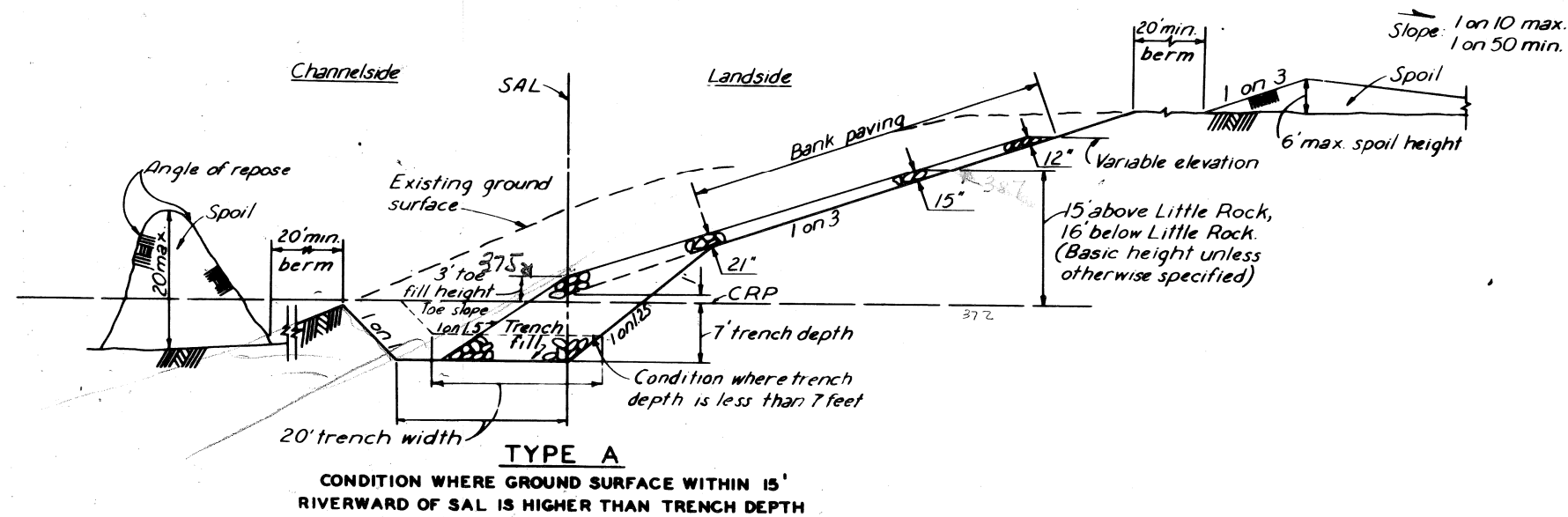


- NOTES:
- For general notes see drawing 115/3449.
 - To avoid damage to the existing lock wall during construction of Wing Dike 346.1R, stone shall be lowered to within one foot of its final position before being released from the bucket upstream from Sta. 0+50.
 - Minor variations in ground surface elevations shall be ignored and crown widths shall vary uniformly.



THIS DRAWING HAS BEEN REDUCED TO ONE-HALF THE ORIGINAL SCALE

REVISION	DATE	DESCRIPTION	BY
<p>DEPARTMENT OF THE ARMY LITTLE ROCK DISTRICT, CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS</p>			
DESIGNED BY:		ARKANSAS RIVER AND TRIBUTARIES	
DRAWN BY:		ARKANSAS RIVER, ARKANSAS	
CHECKED BY:		BANK STABILIZATION	
SUBMITTED BY:		OZARK RESERVOIR	
ENGINEER		PROFILES	
SCALE AS SHOWN		FEBRUARY 1970	
SHEET OF		INV. SERIAL NO TO B-0040	
		DRAWING NUMBER	
		8951-115/3448	



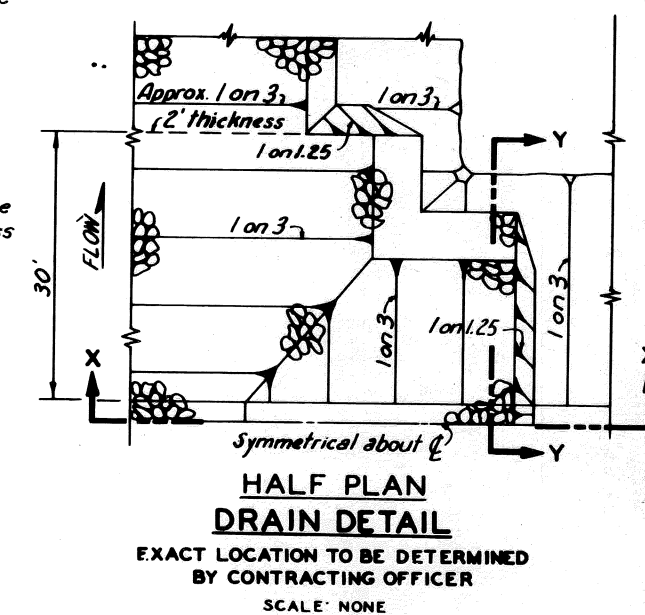
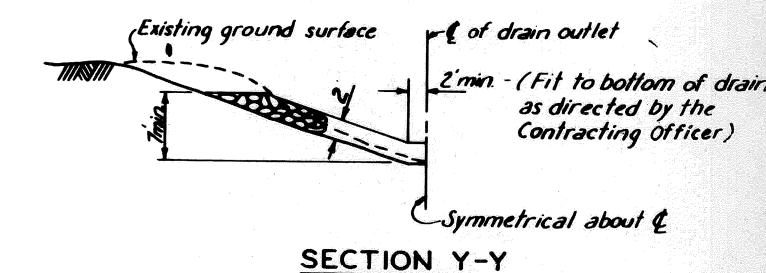
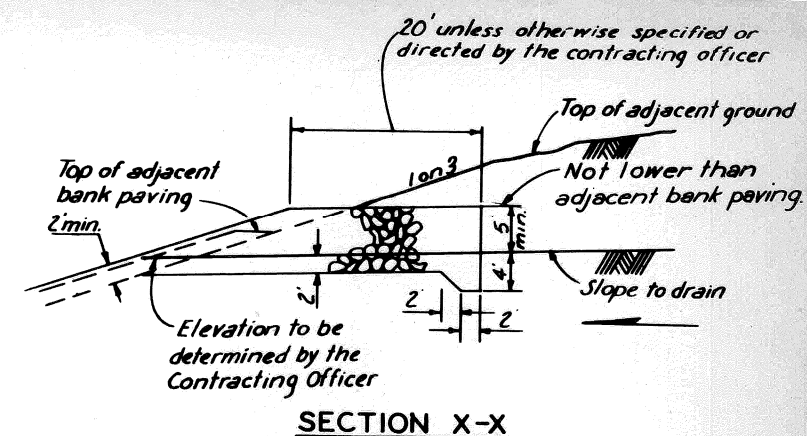
GENERAL NOTES:

1. Slopes shown as 1 on 1 and 1 on 1.25 are approximate.
2. Dimensions shown for trench depth, toe slope, toe fill height, spoil height, berm, fill thickness, trench width, and bank paving crown width shall be used unless otherwise specified.
3. Where specified top of bank paving is between 0' and 2' above existing ground surface, the ground shall be excavated to provide for bank paving with 10' crown width 2' thick.
4. Spoil may be placed as shown on both landside and channelside unless otherwise specified.
5. Uncompacted fill shall be placed landward of the bank paving crown as shown for Types B and C unless otherwise specified.
6. The alternate trench excavation section shall be excavated when wellpoints are used for dewatering the trench, otherwise, the standard trench sections shall be excavated.

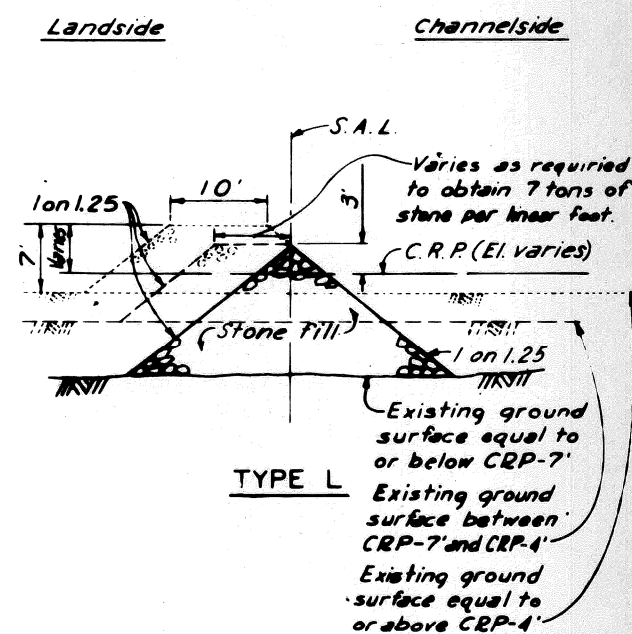
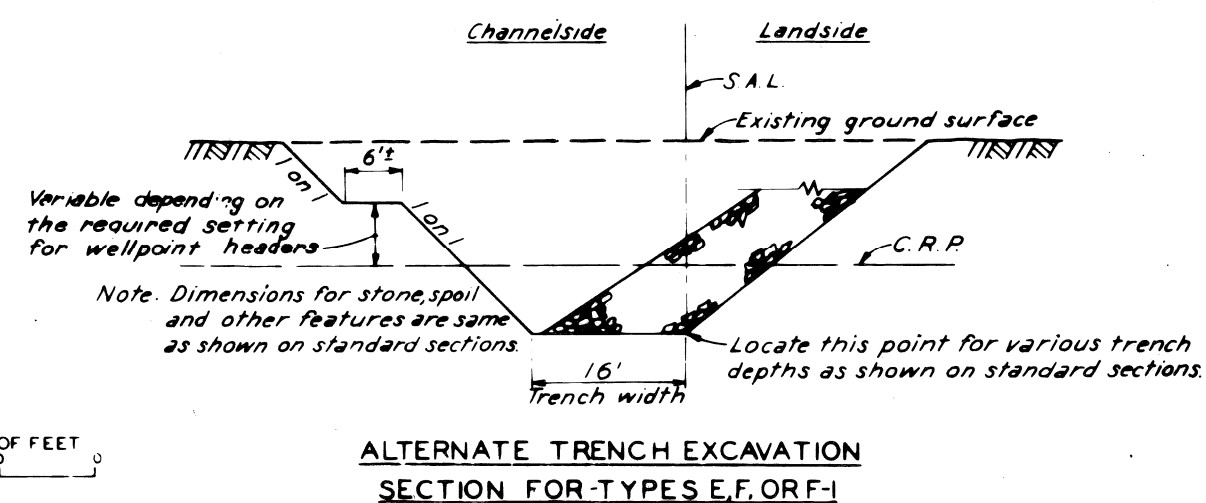
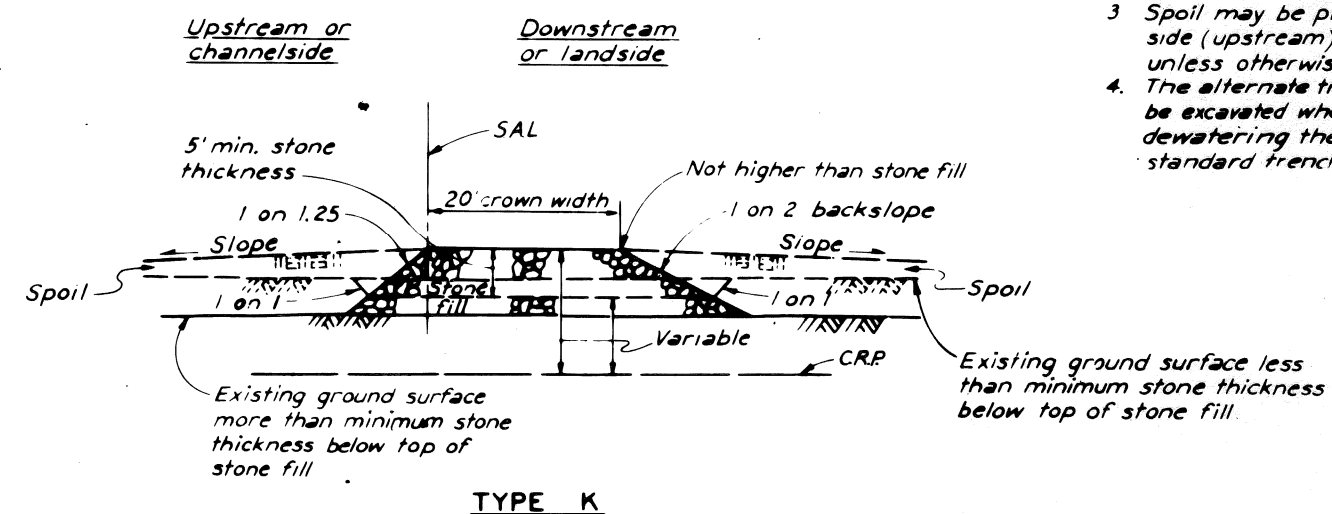
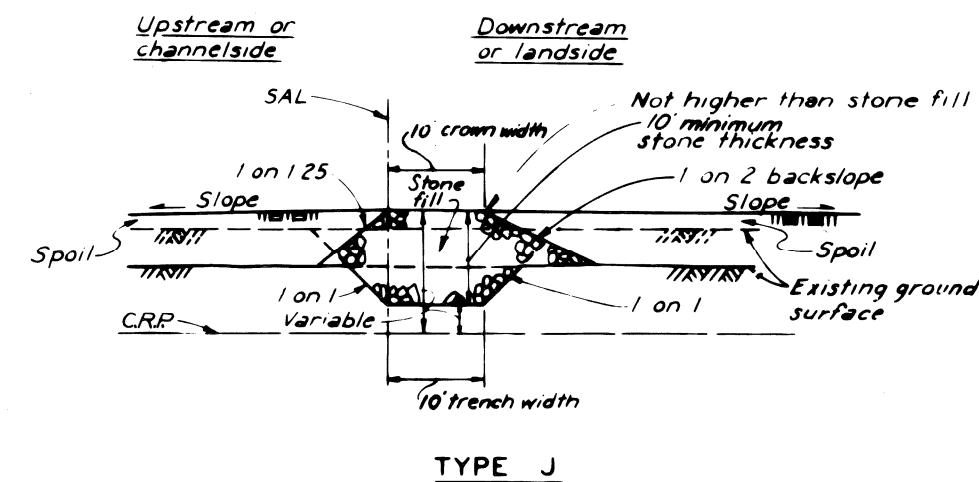
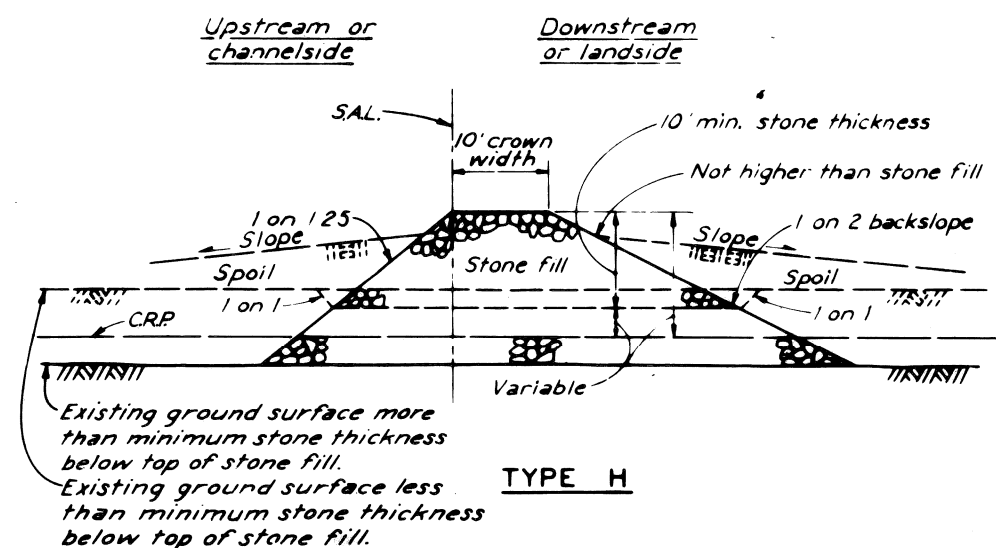
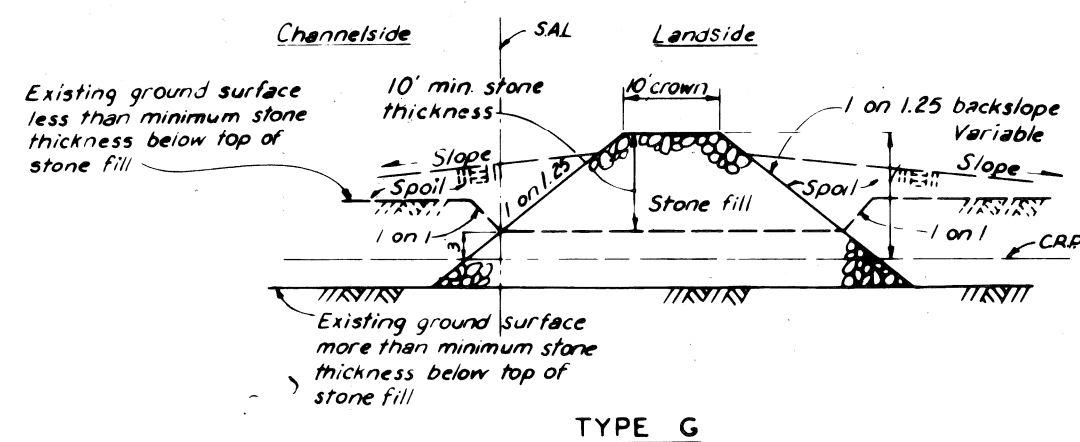
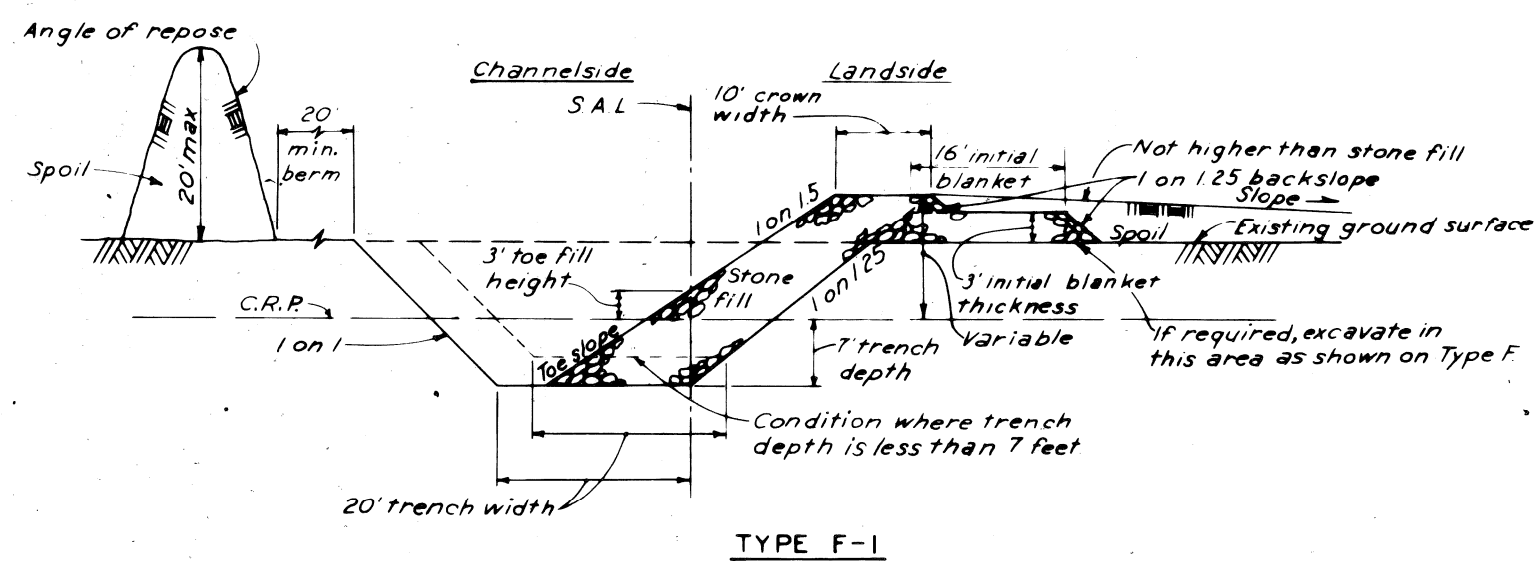
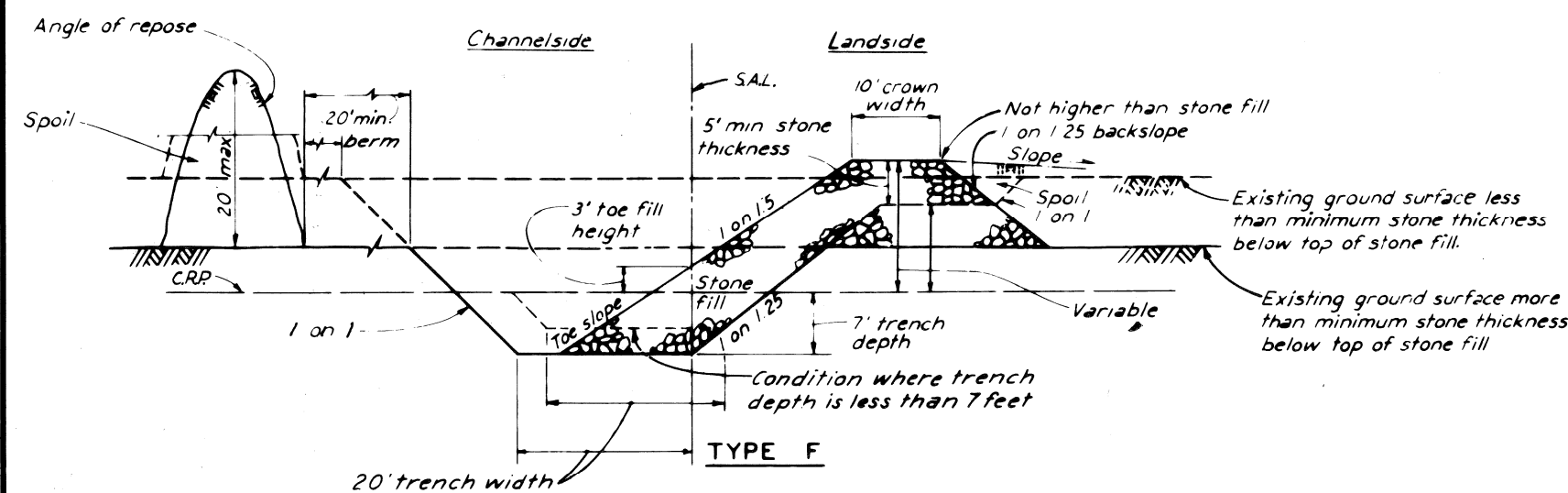
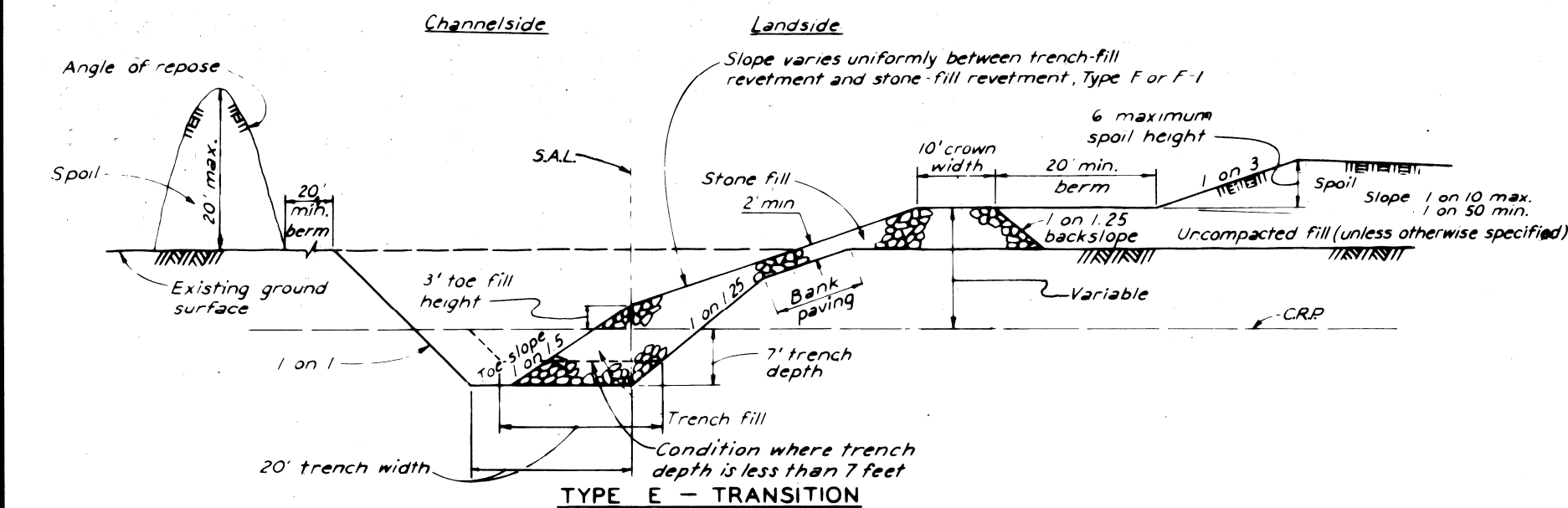
STANDARD SECTIONS

SCALE OF FEET

10 0 10



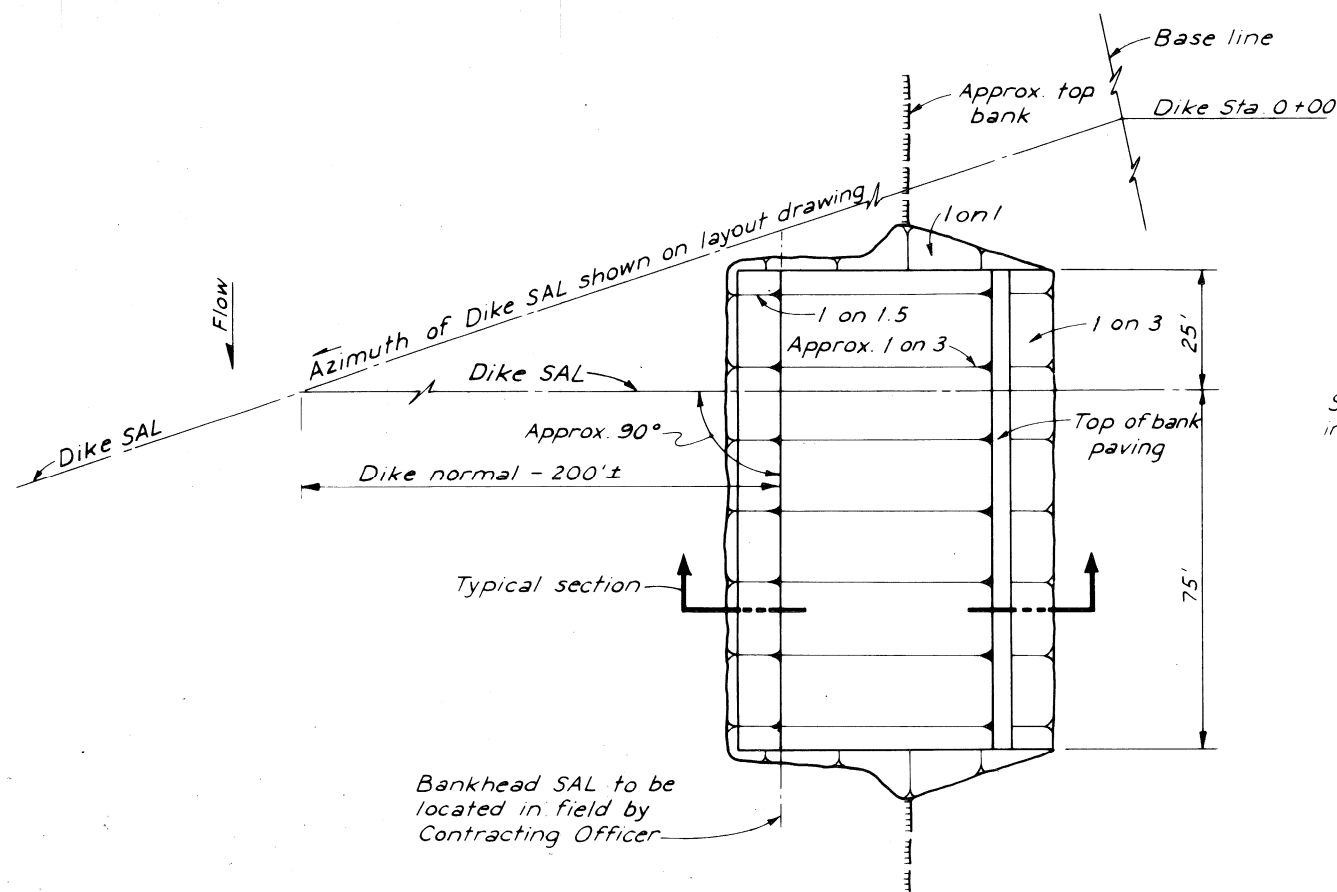
REVISION	DATE	DESCRIPTION	BY
<p>DEPARTMENT OF THE ARMY LITTLE ROCK DISTRICT, CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS</p> <p>DESIGNED BY: ARKANSAS RIVER AND TRIBUTARIES ARKANSAS RIVER, ARKANSAS</p> <p>CWS</p> <p>DRAWN BY: JWN</p> <p>CHECKED BY: CWS</p> <p>SUBMITTED BY: Max A. Lantz</p> <p>ENGINEER</p> <p>SCALE: AS SHOWN</p> <p>OCTOBER 1968</p> <p>INV. SERIAL NO. 70-B-0040</p> <p>DRAWING NUMBER</p> <p>STANDARD SECTIONS AND DRAIN DETAILS</p> <p>ST. 8033-115/21</p>			



NOTES:

- 1 Slopes shown as 1 on 1 and 1 on 1.25 are approximate.
- 2 Dimensions shown for berm, initial blanket thickness, crown width, trench depth, trench width, toe fill height, toe slope, backslope, minimum stone thickness, and spoil height shall be used unless otherwise specified.
- 3 Spoil may be placed as shown on both landside (upstream) and channelside (downstream) unless otherwise specified.
- 4 The alternate trench excavation section shall be excavated when wellpoints are used for dewatering the trench, otherwise, the standard trench sections shall be excavated.

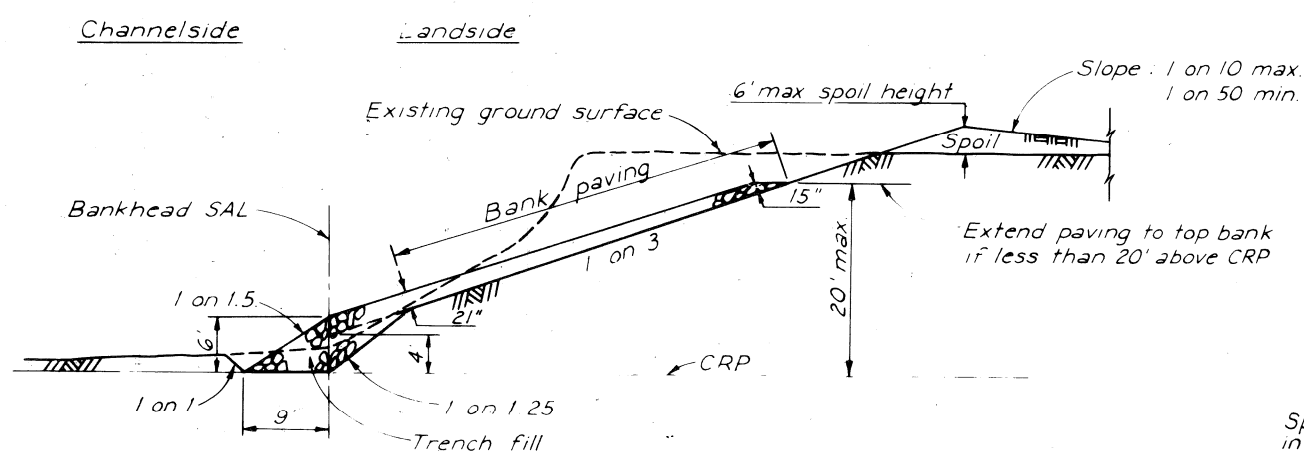
REVISION	DATE	DESCRIPTION	BY
<p>DEPARTMENT OF THE ARMY LITTLE ROCK DISTRICT, CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS</p> <p>DESIGNED BY: ARKANSAS RIVER AND TRIBUTARIES CWS</p> <p>DRAWN BY: JWN</p> <p>CHECKED BY: CWS</p> <p>SUBMITTED BY: Max L. Lant ENGINEER</p> <p>SCALE: AS SHOWN</p> <p>OCTOBER 1968</p> <p>INV. SERIAL NO. 70-B-0040</p> <p>DRAWING NUMBER</p> <p>STD. 8033-115/22</p>			



TYPICAL PLAN

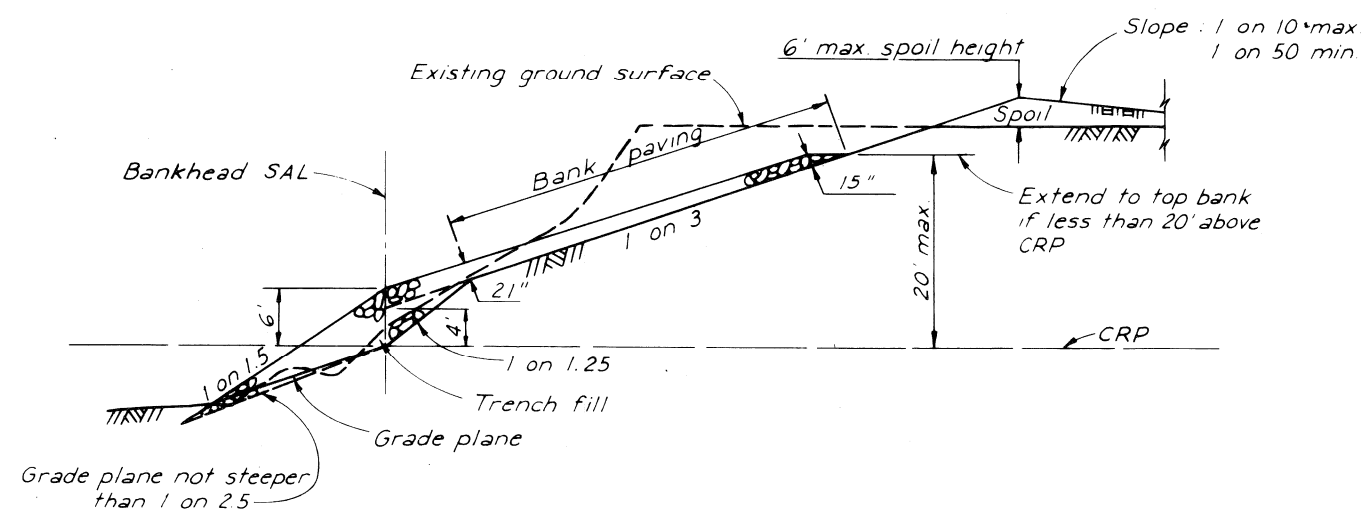
SCALE OF FEET

20 0 20



TYPICAL SECTION

CONDITION WHERE GROUND SURFACE WITHIN 9 FEET
RIVERWARD OF BANKHEAD SAL IS HIGHER THAN CRP

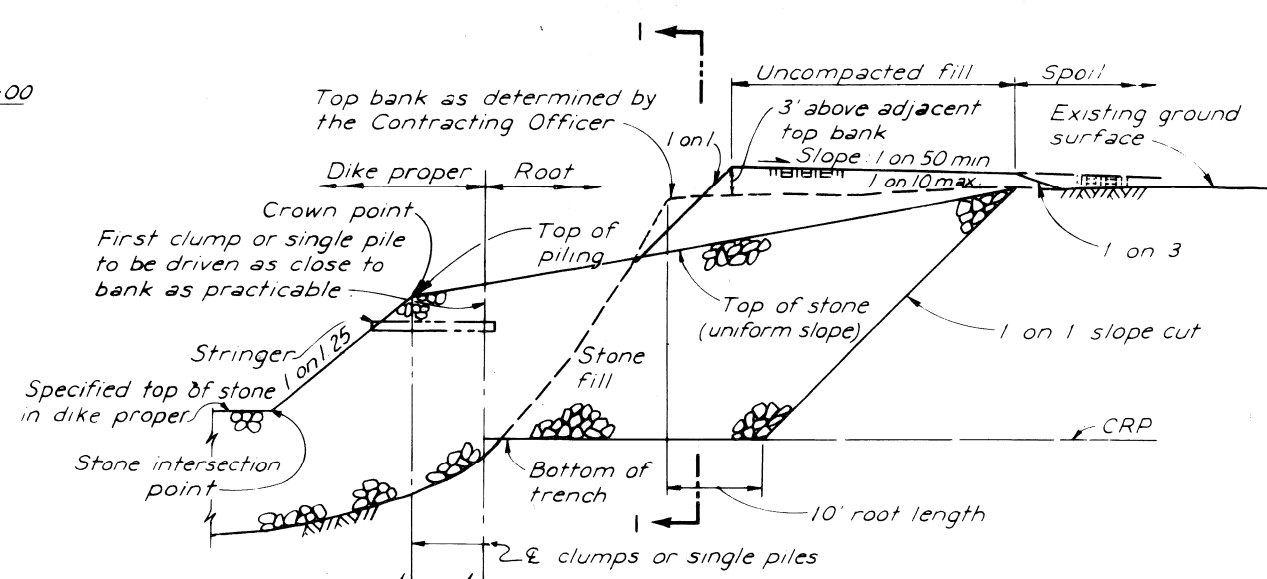


TYPICAL SECTION

CONDITION WHERE GROUND SURFACE WITHIN 9 FEET
RIVERWARD OF BANKHEAD SAL IS LOWER THAN CRP

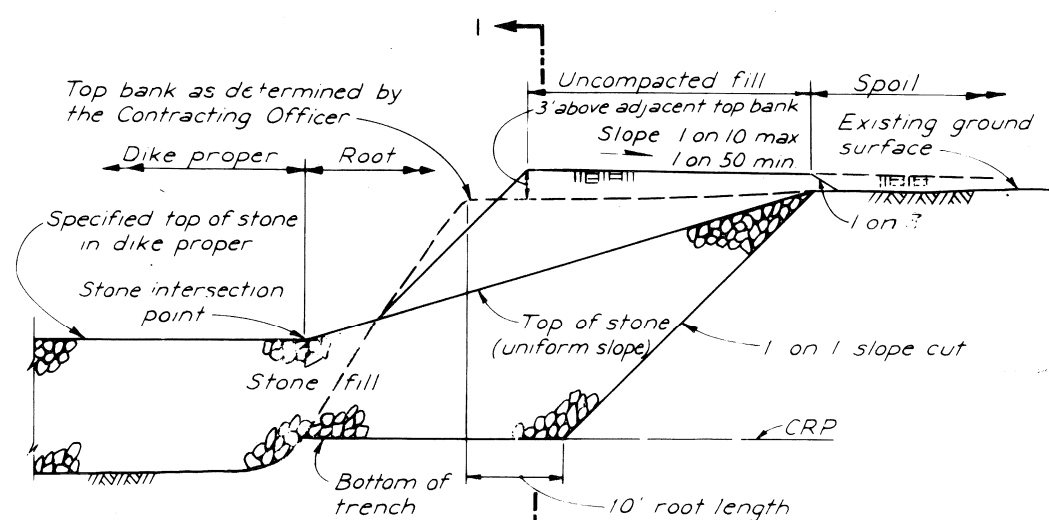
TYPICAL DIKE BANKHEAD DETAILS

SCALE OF FEET



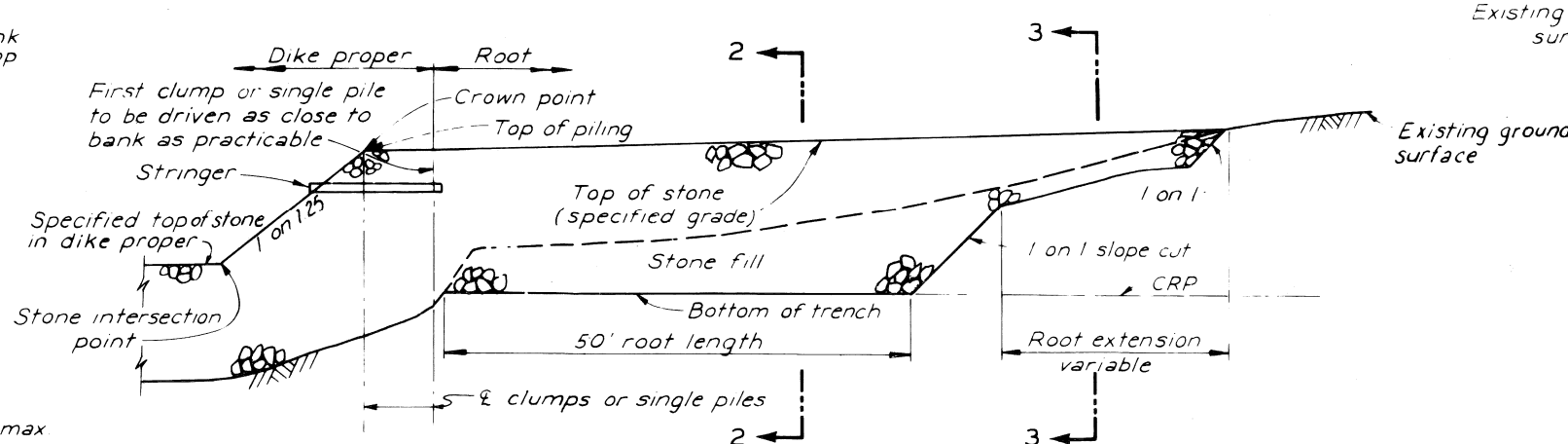
PROFILE - TYPE M

FOR PILE DIKE WITH STONE FILL



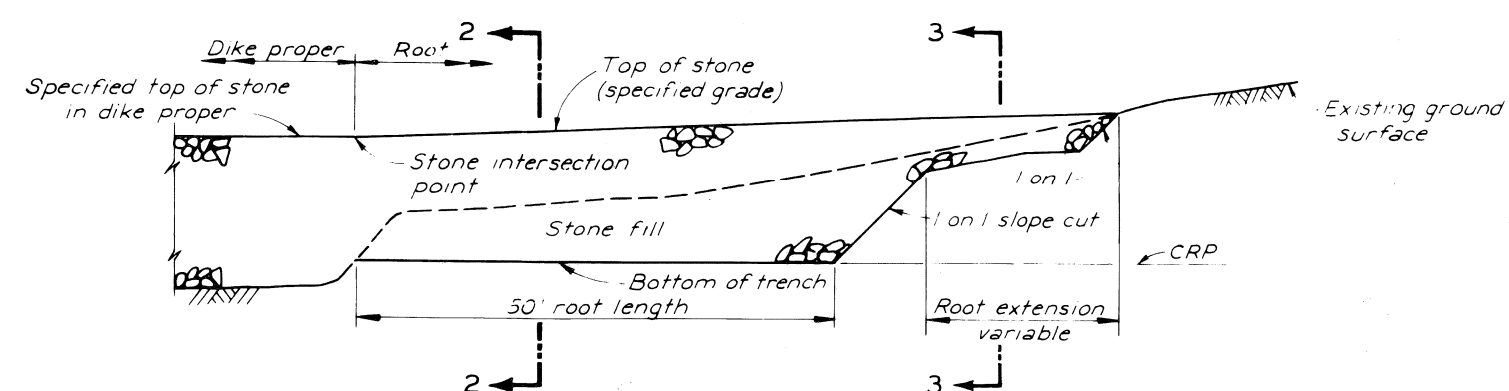
PROFILE - TYPE M

FOR STONE - FILL DIKE



PROFILE - TYPE N

FOR PILE DIKE WITH STONE FILL

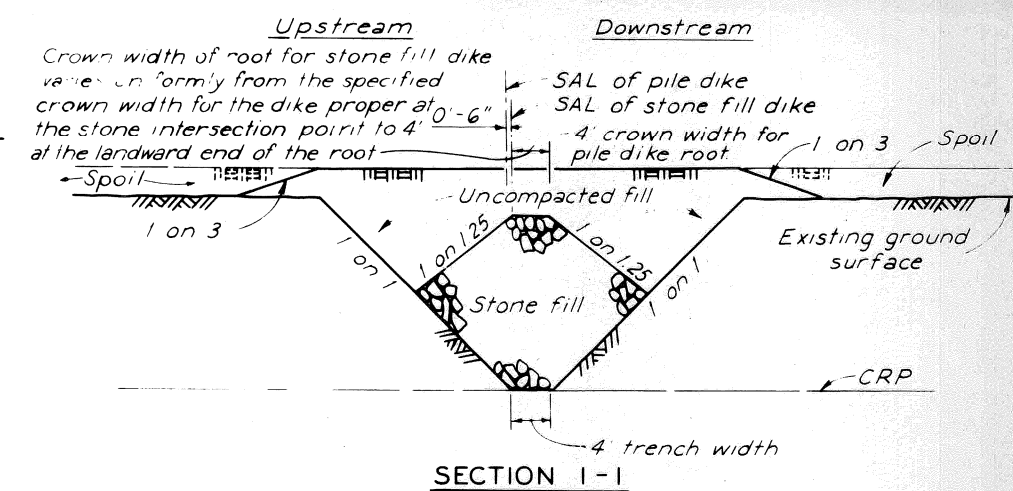


PROFILE - TYPE N

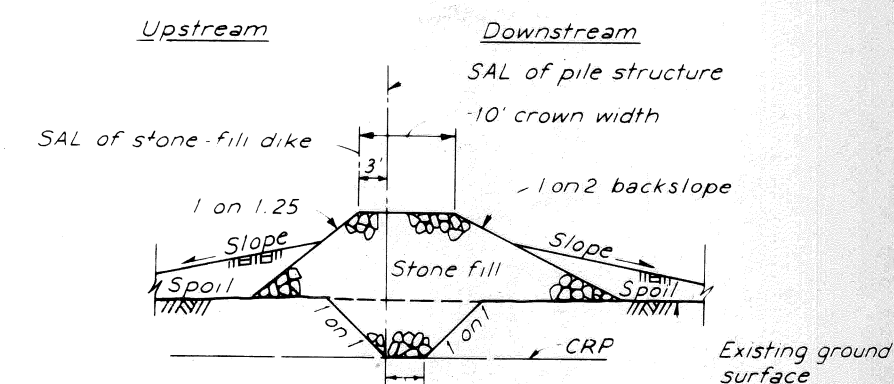
FOR STONE - FILL DIKE

TYPICAL STONE ROOT DETAILS

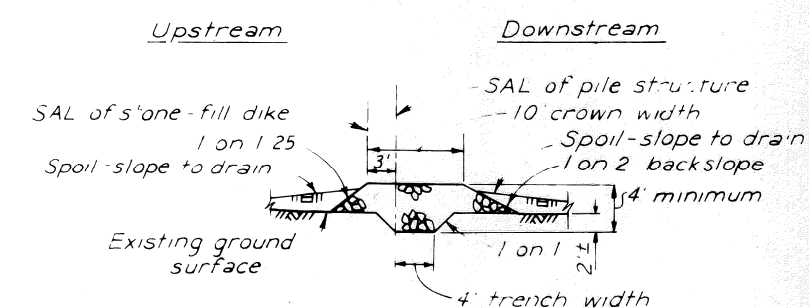
NO SCALE



SECTION 1-1



SECTION 2-2



SECTION 3-3

NOTES:

- 1 Slopes shown as 1 on 1 and 1 on 1.25 are approximate
- 2 Spoil may be placed as shown unless otherwise specified
- 3 Dimensions shown for dike normal, spoil height, root length, trench width, crown width, slope cur, backslope, and location of crown point shall be used unless otherwise specified

REVISION	DATE	DESCRIPTION	BY
<p align="center">DEPARTMENT OF THE ARMY LITTLE ROCK DISTRICT, CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS</p>			
DESIGNED BY: ARKANSAS RIVER AND TRIBUTARIES		ARKANSAS RIVER, ARKANSAS	
<p align="center">CWS BANK STABILIZATION</p>			
<p align="center">DRAWN BY JWN</p>			
<p align="center">DETAILS OF DIKE BANKHEAD AND STONE ROOTS</p>			
CHECKED BY:			
<p align="center">CWS</p>			
SUBMITTED BY:		<p align="center">SCALE: AS SHOWN</p>	
<p align="center"><i>Max d. Law</i></p>		<p align="center">OCTOBER 1968</p>	
ENGINEER		<p align="center">INV. SERIAL NO. 78-B-004</p>	
		DRAWING NUMBER	
		<p align="center">STD. 8033-115/23</p>	
SHEET		OF	