

PROJECT : HONOAPIILANI HIGHWAY
Kahana to Alaeloa

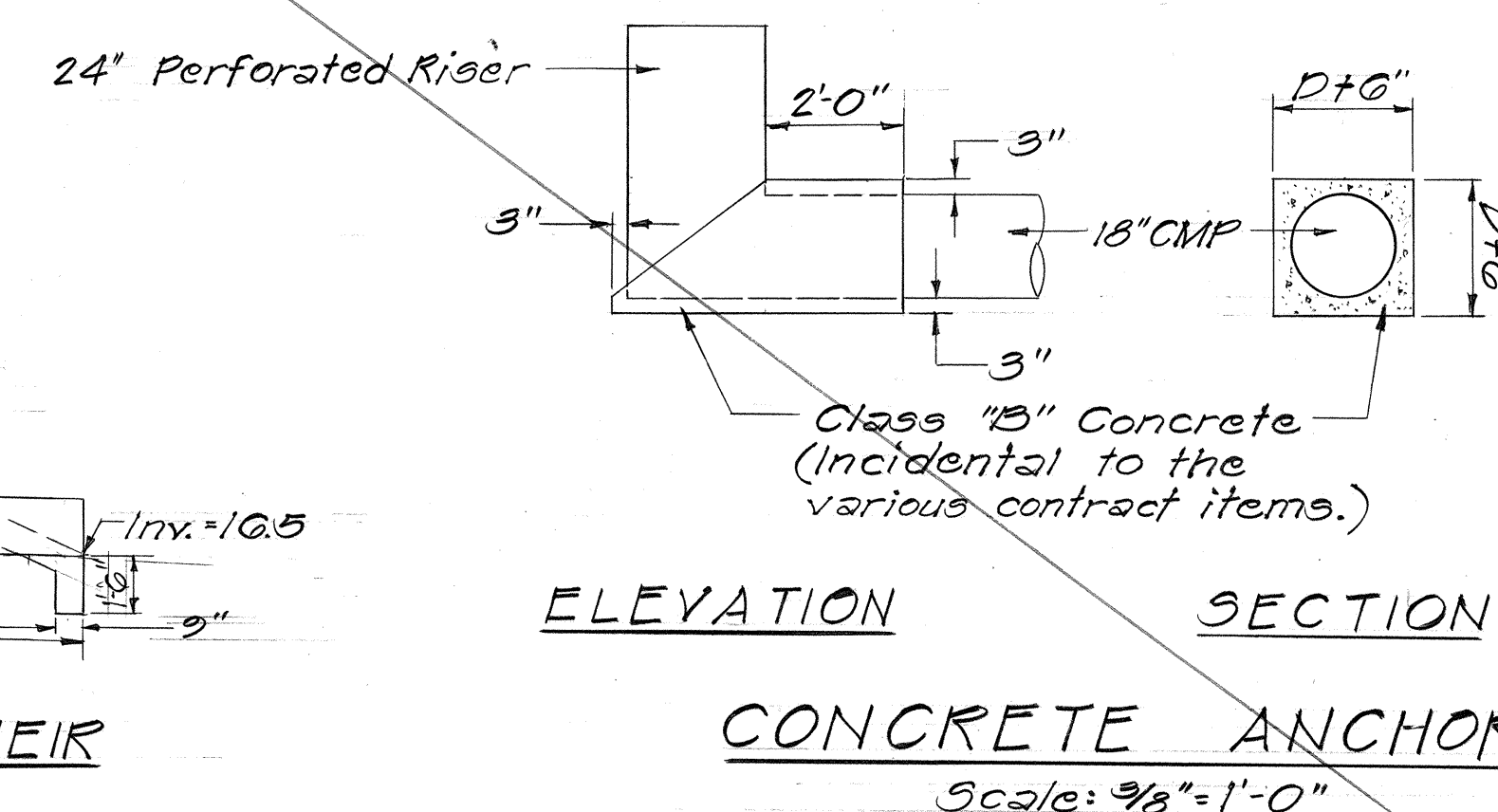
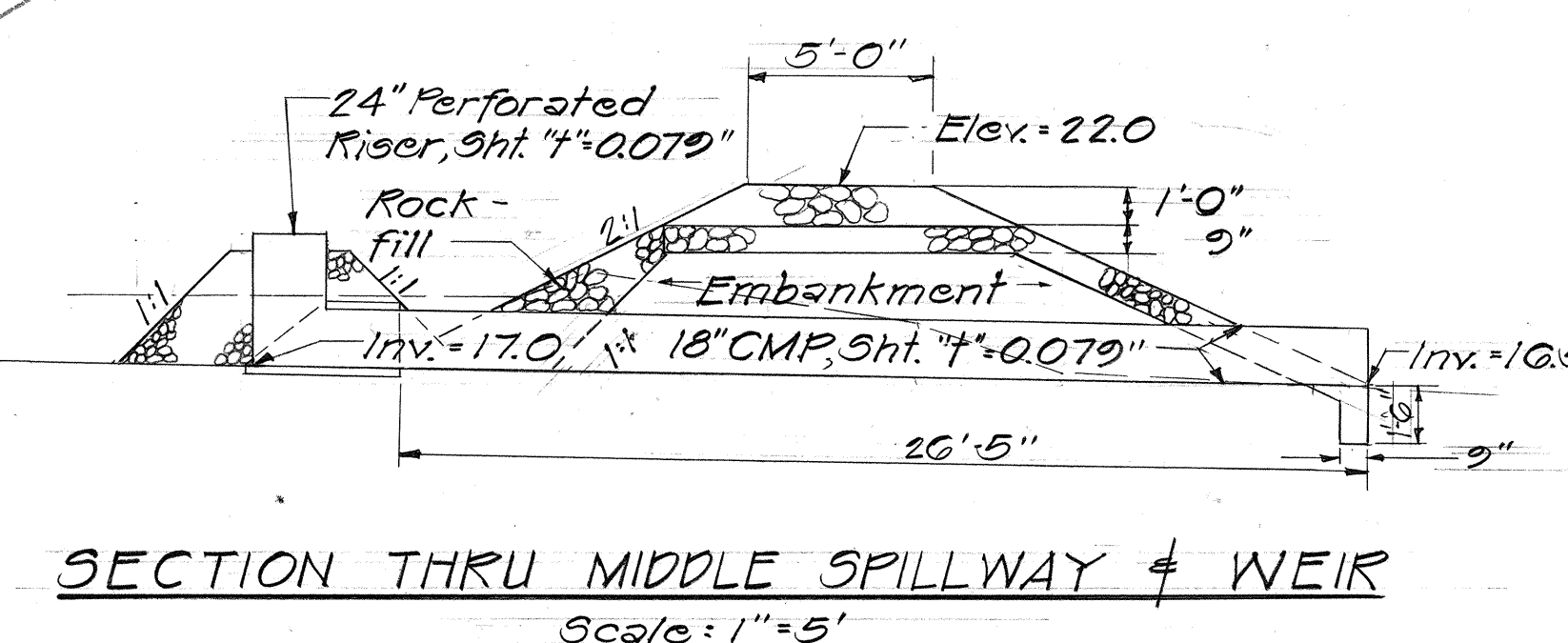
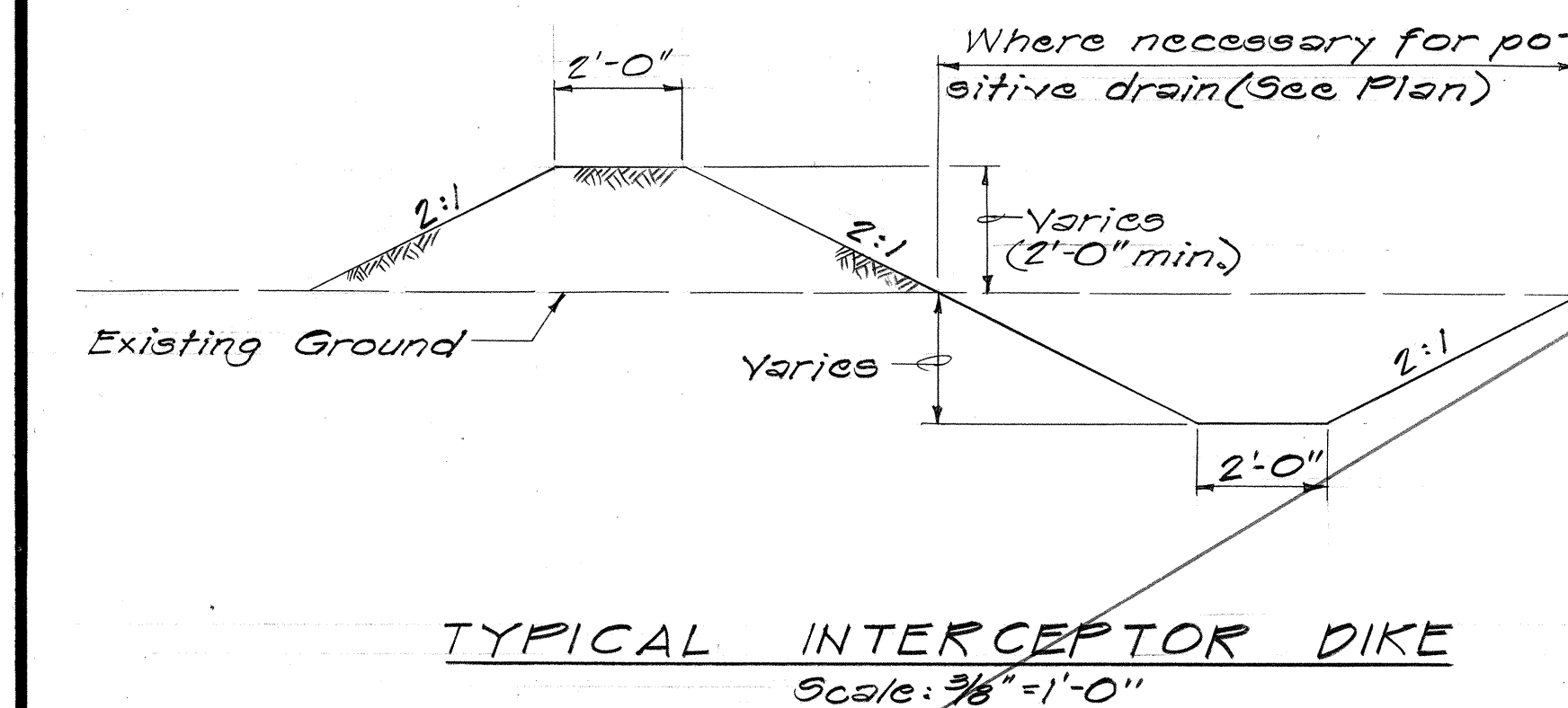
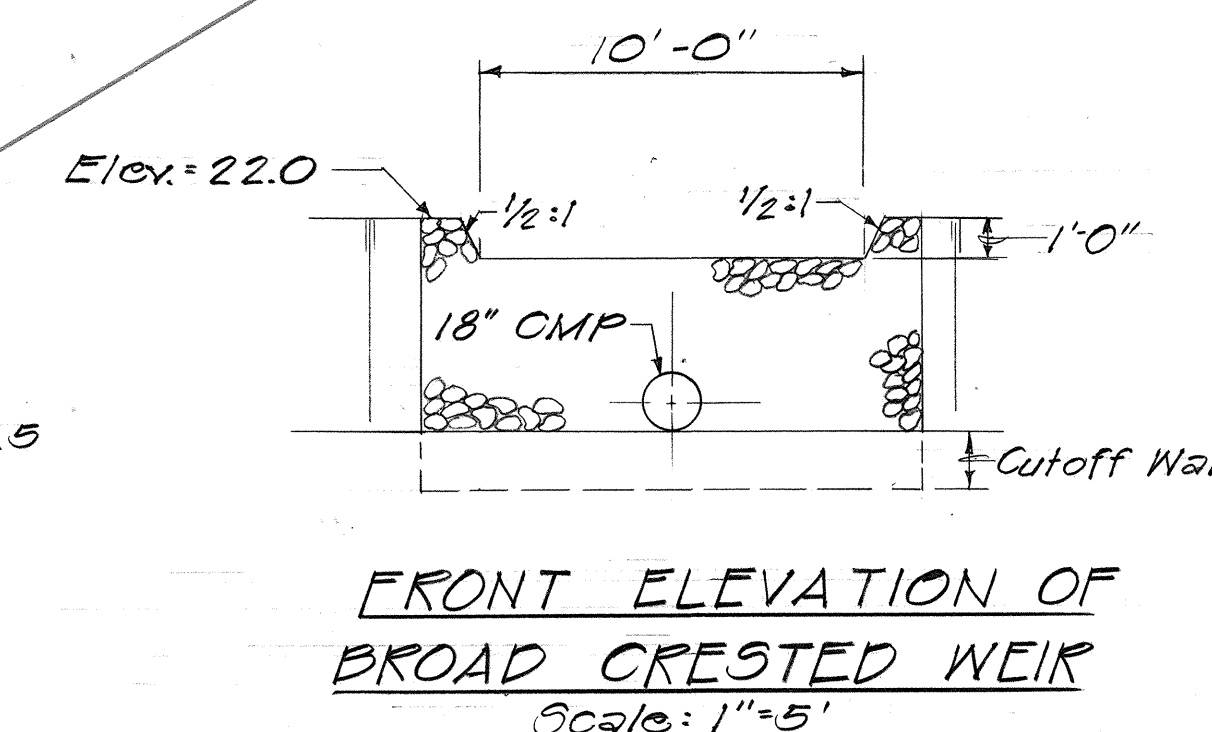
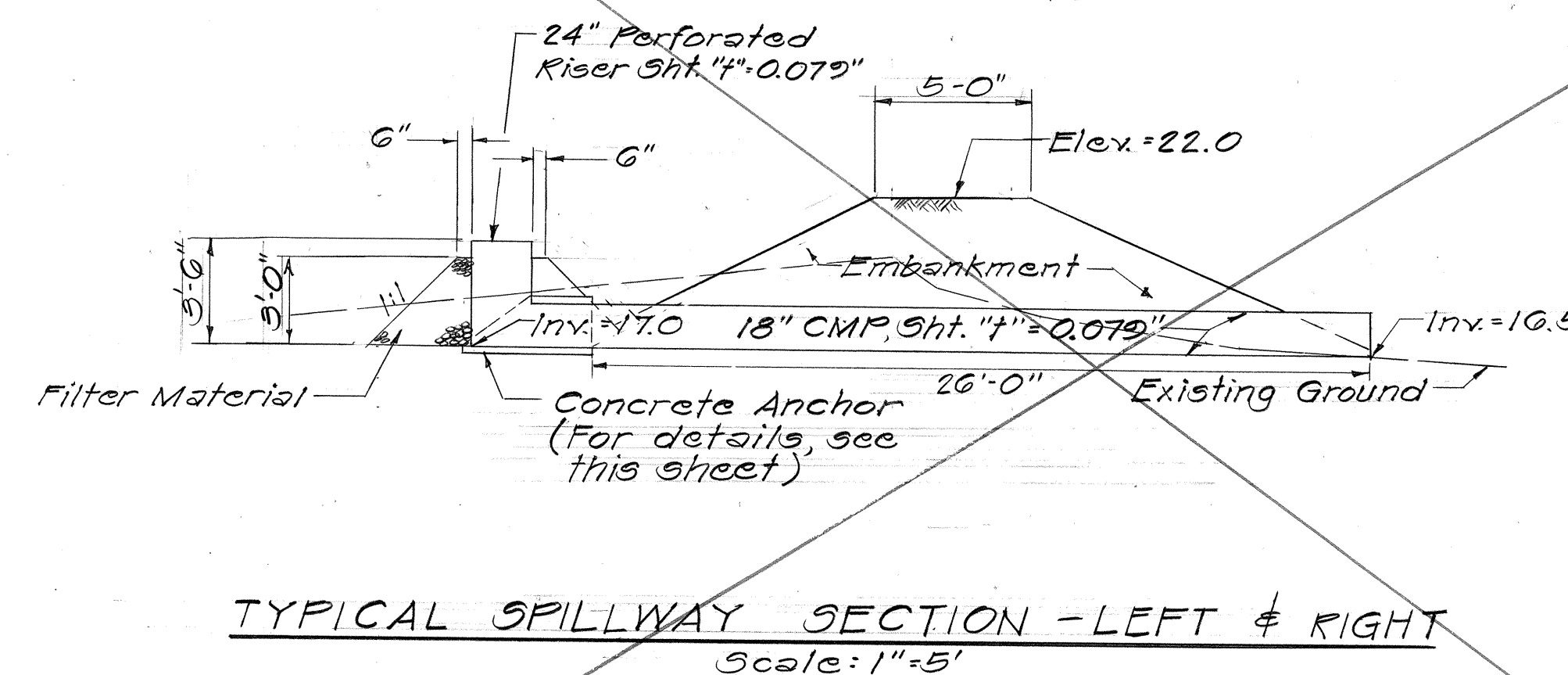
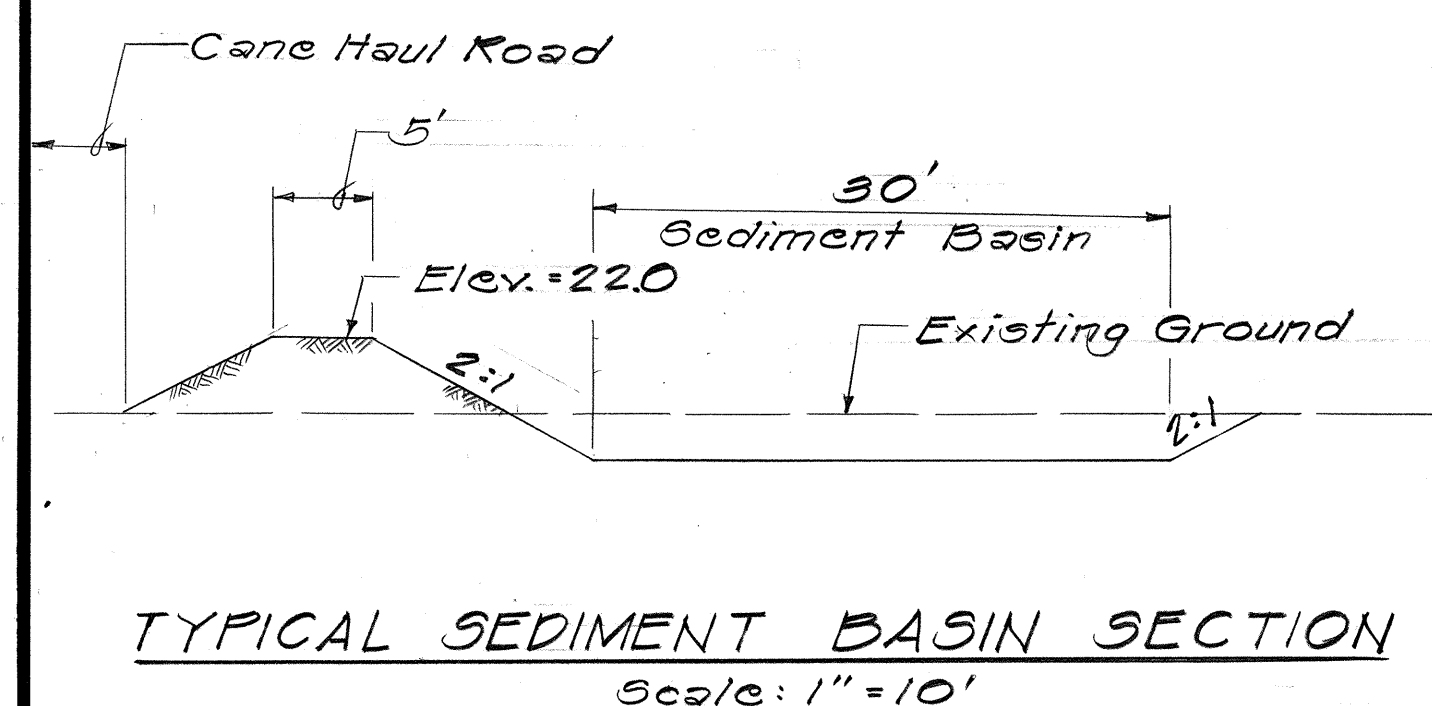
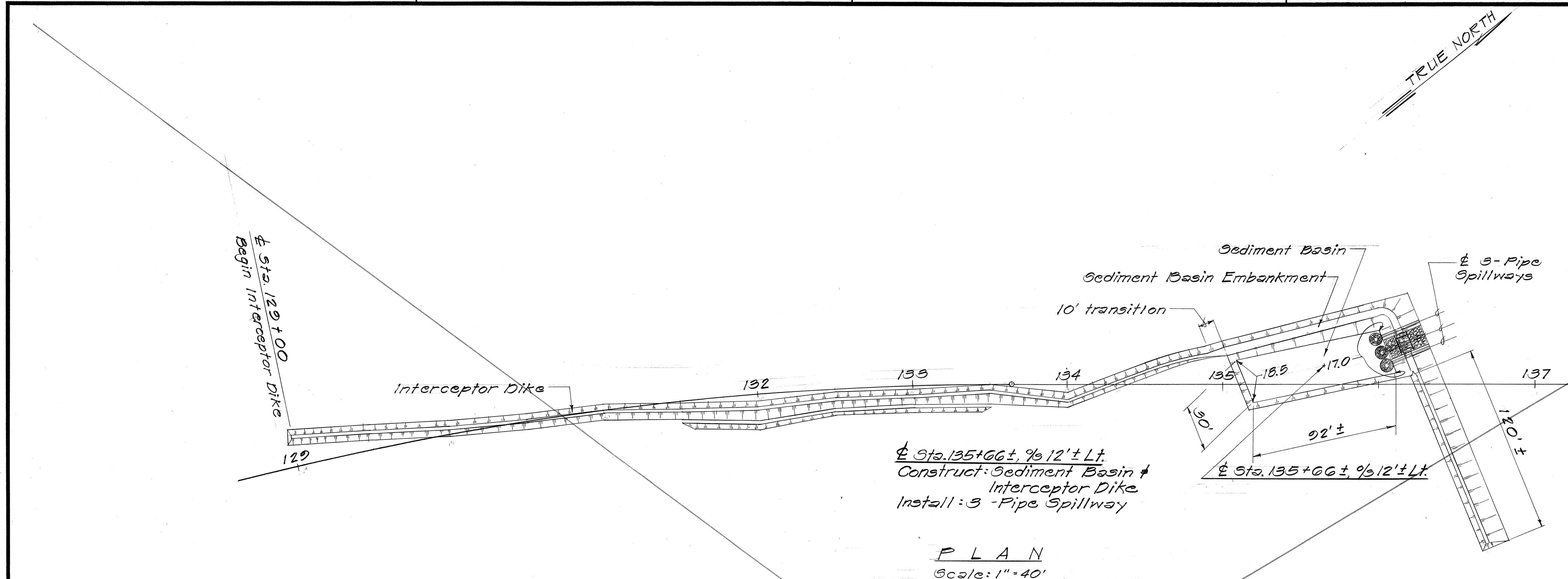
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F0301(13)	1978	75	174

SHEET NO. 1 E OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(19)	1978	76	174

GENERAL NOTES

1. All exposed areas of the risers shall be perforated.
2. Rock piles or other energy dissipators, as directed by the Engineer, shall be placed at the outlet of the Pipe Spillways.
3. The Broad Crested Weir shall be immediately protected against erosion with G.R.P.
4. Excavation for cut-off walls shall be incidental to the G.R.P.
5. Interceptor Dike shall be considered incidental to the various contract items.
6. Location of Sediment Basins as shown on plans are approximate. Exact locations shall be determined by the Engineer in the field.

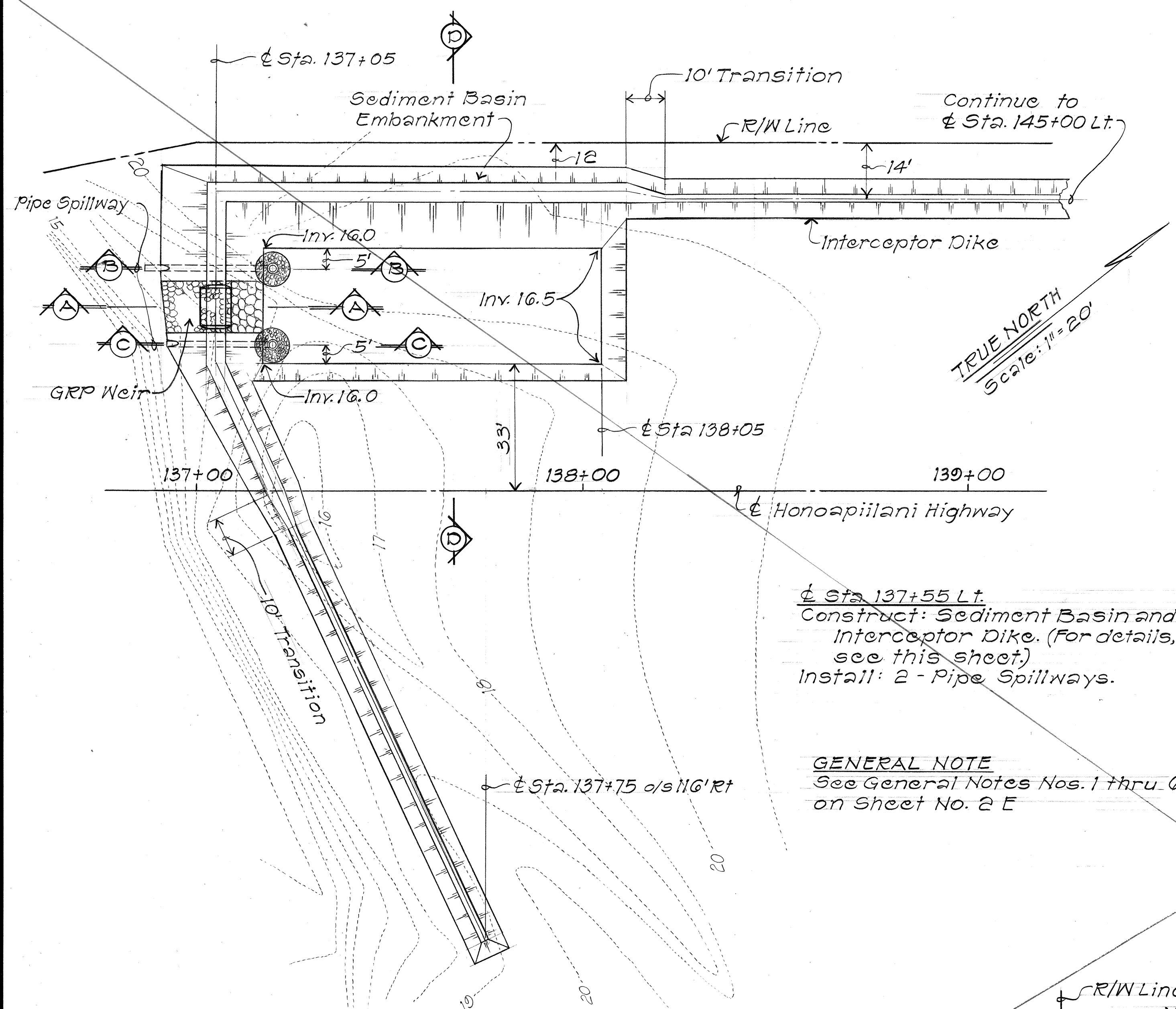


SEDIMENT BASIN NO. 1 AT & STA. 135+66±, 1/2 12'± LT.

NOT IN CONTRACT

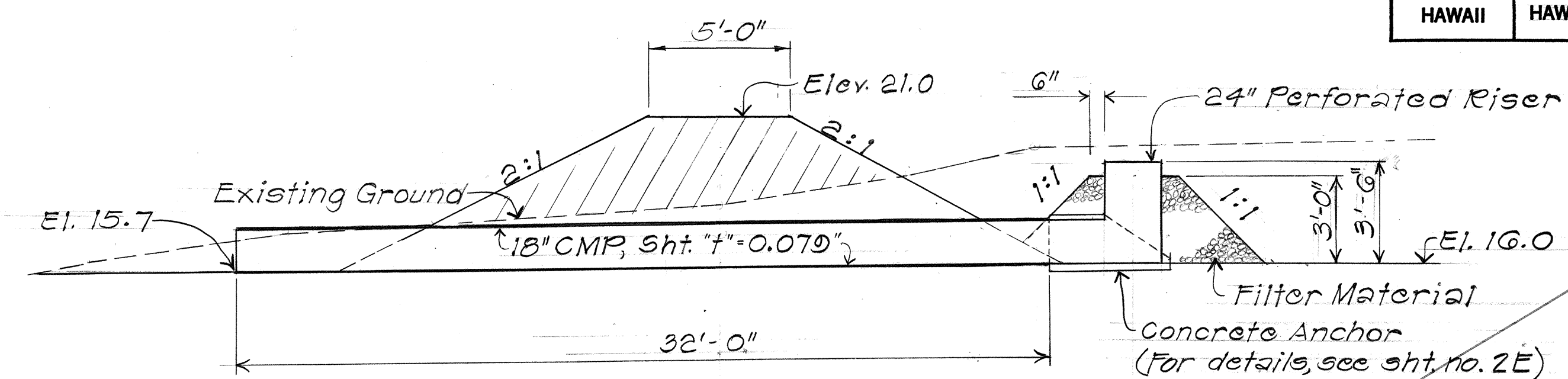
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
EROSION CONTROL PLAN	
HONOAPIILANI HIGHWAY Kahala to Aiea F.A. Proj. No. F-030-1(19)	
Scale: As Shown	Date: Sept., 1977
SHEET No. 2 E OF 6 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F030-1(13)	1978	77	174

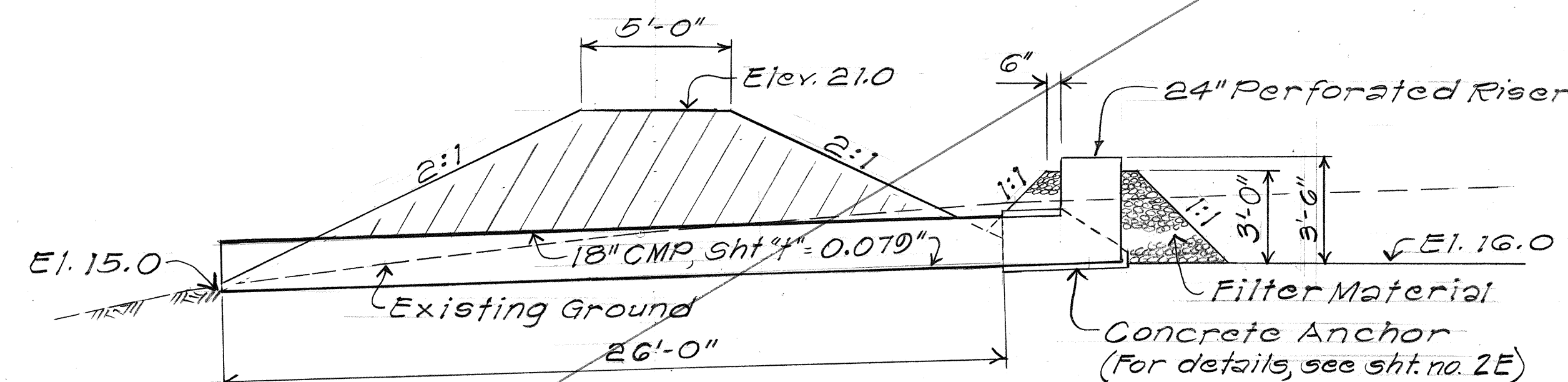


At Sta. 137+55 Lt.
Construct: Sediment Basin and
Interceptor Dike. (For details,
see this sheet)
Install: 2 - Pipe Spillways.

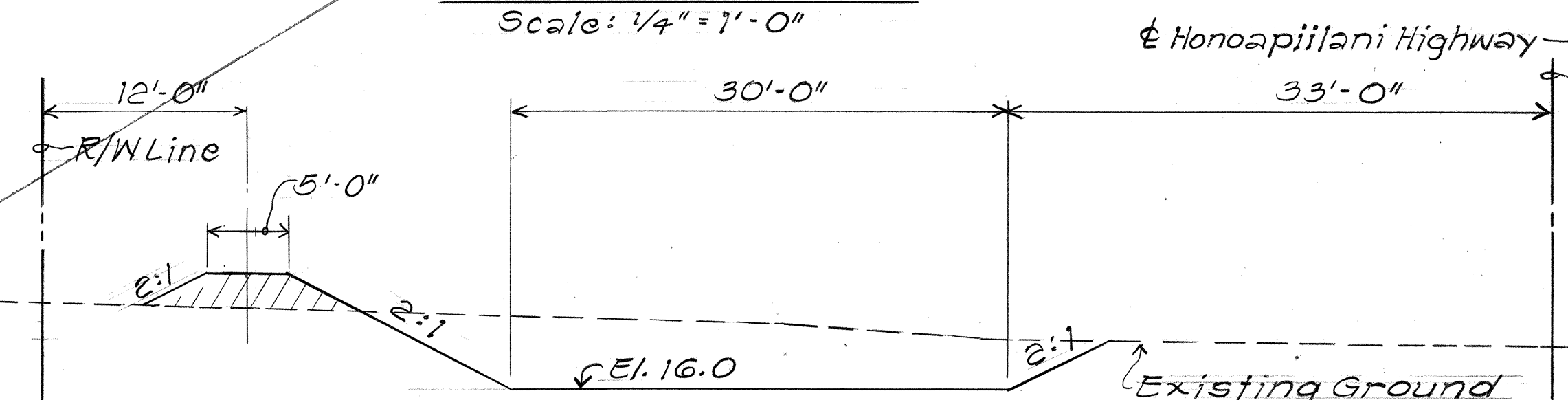
GENERAL NOTE
See General Notes Nos. 1 thru 6
on Sheet No. 2 E



SECTION "B-B"
Scale: 1/4" = 1'-0"

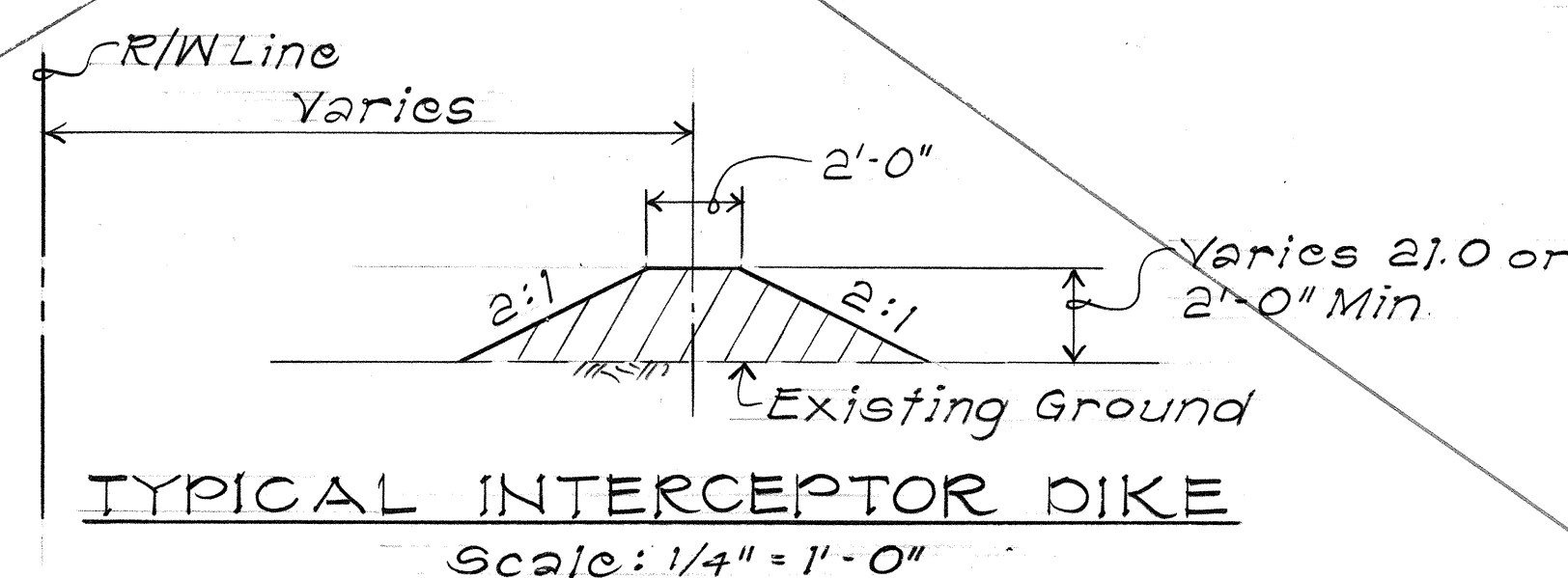


SECTION "C-C"
Scale: 1/4" = 1'-0"

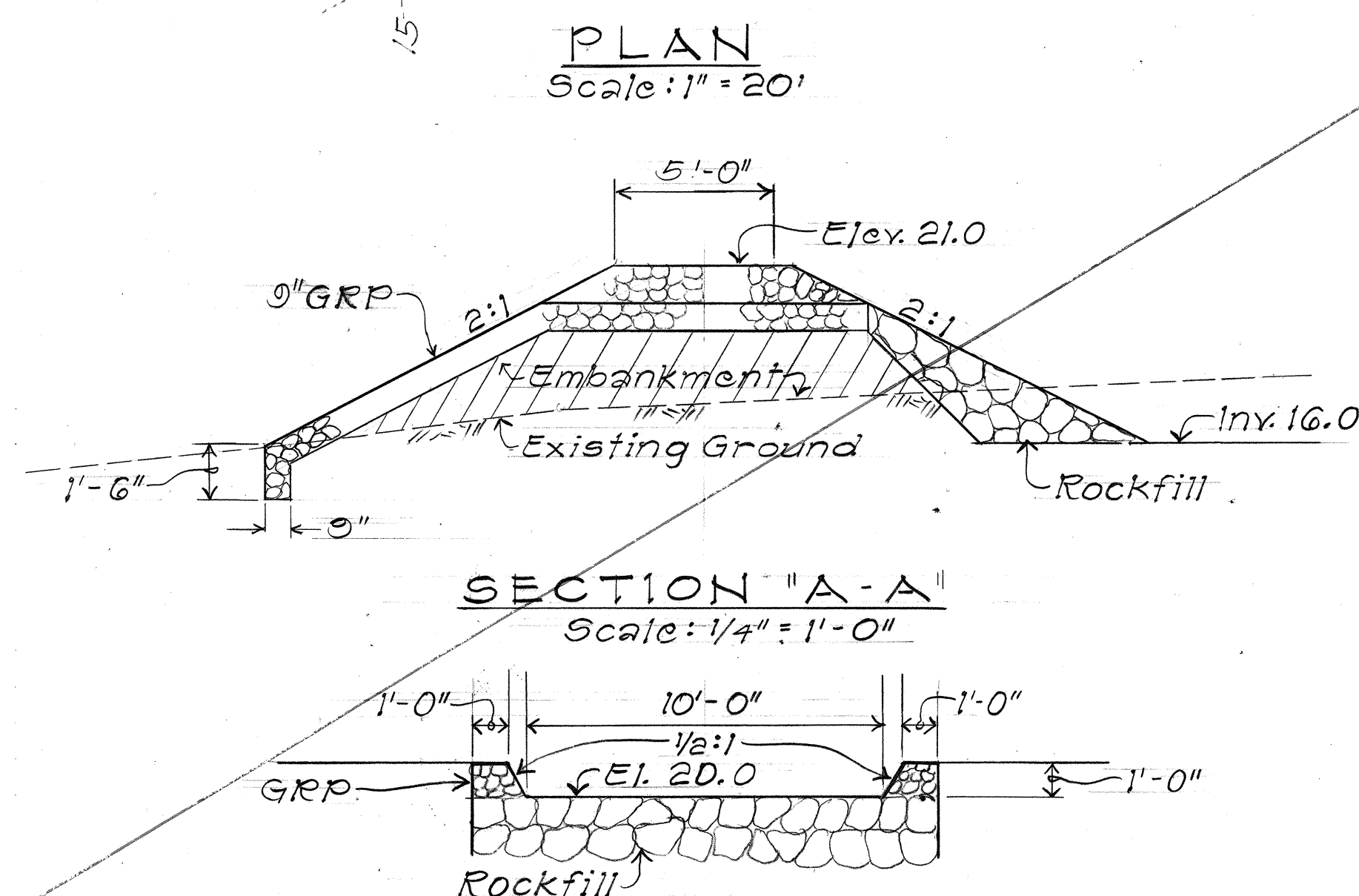


SECTION "D-D"
Scale: 1/8" = 1'-0"

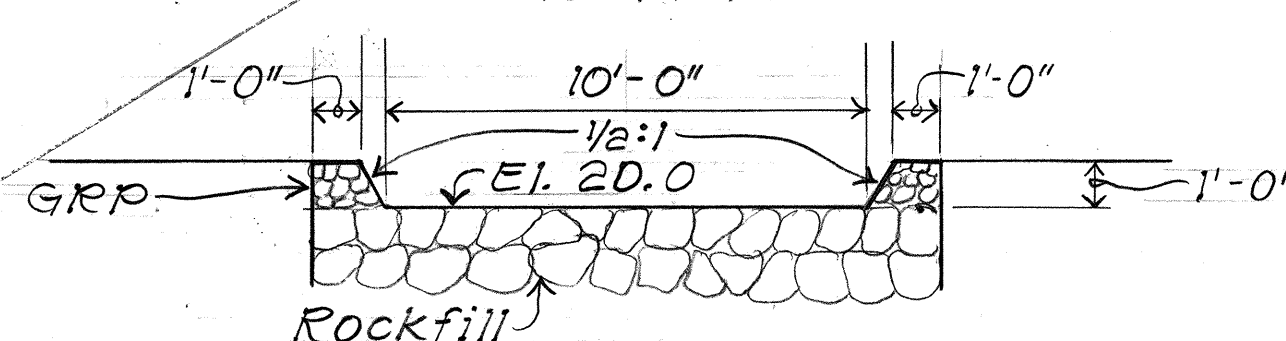
NOTE:
At Sta. 138+15 Lt. to 144+00± Lt. o/s 14'
from R/W to E of Interceptor Dike.
At Sta. 144+00± Lt. to 145+00 Lt. o/s 7'
from R/W to E of Interceptor Dike.



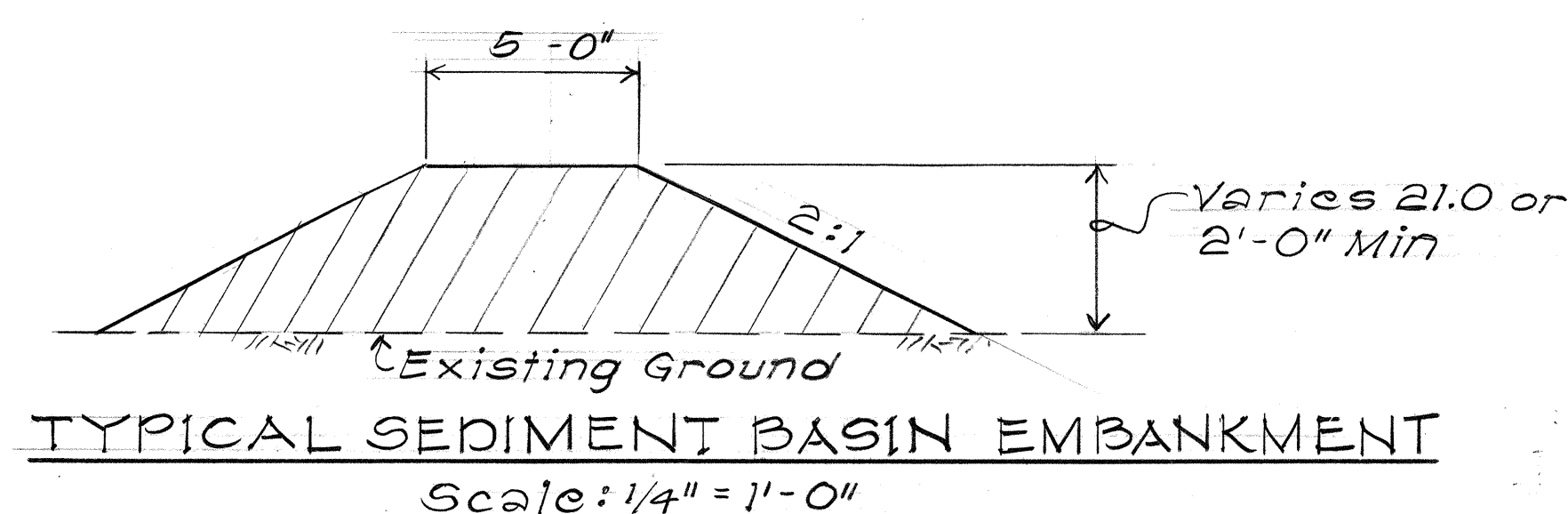
TYPICAL INTERCEPTOR DIKE
Scale: 1/4" = 1'-0"



SECTION "A-A"
Scale: 1/4" = 1'-0"



BROAD CRESTED WEIR
Scale: 1/4" = 1'-0"



TYPICAL SEDIMENT BASIN EMBANKMENT
Scale: 1/4" = 1'-0"

NOT IN CONTRACT

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN

HONOAPIILANI HIGHWAY
Kahala to Aiea
F.A. Proj. No. F030-1(13)

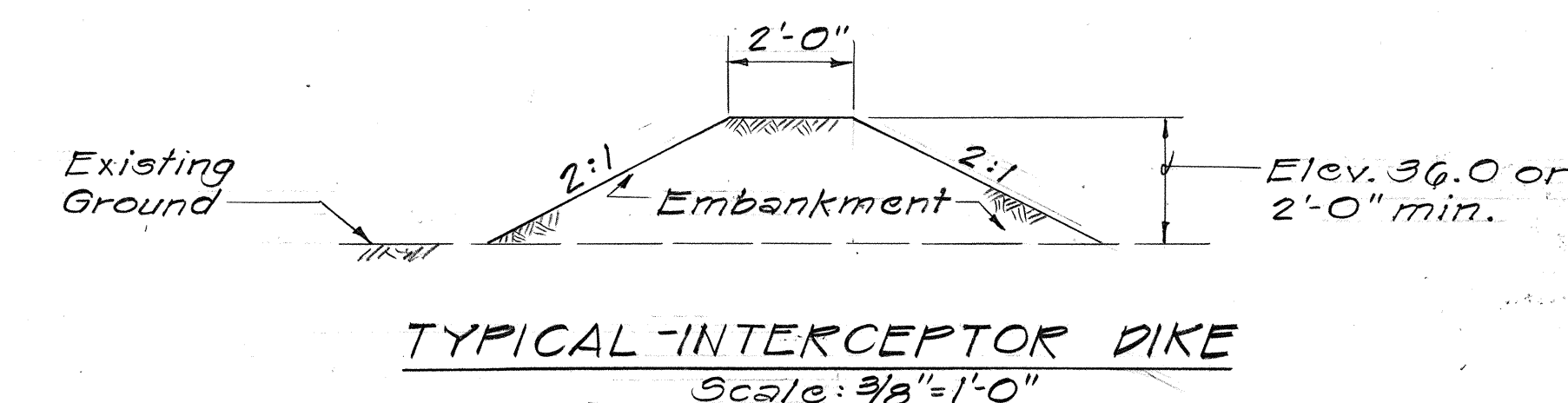
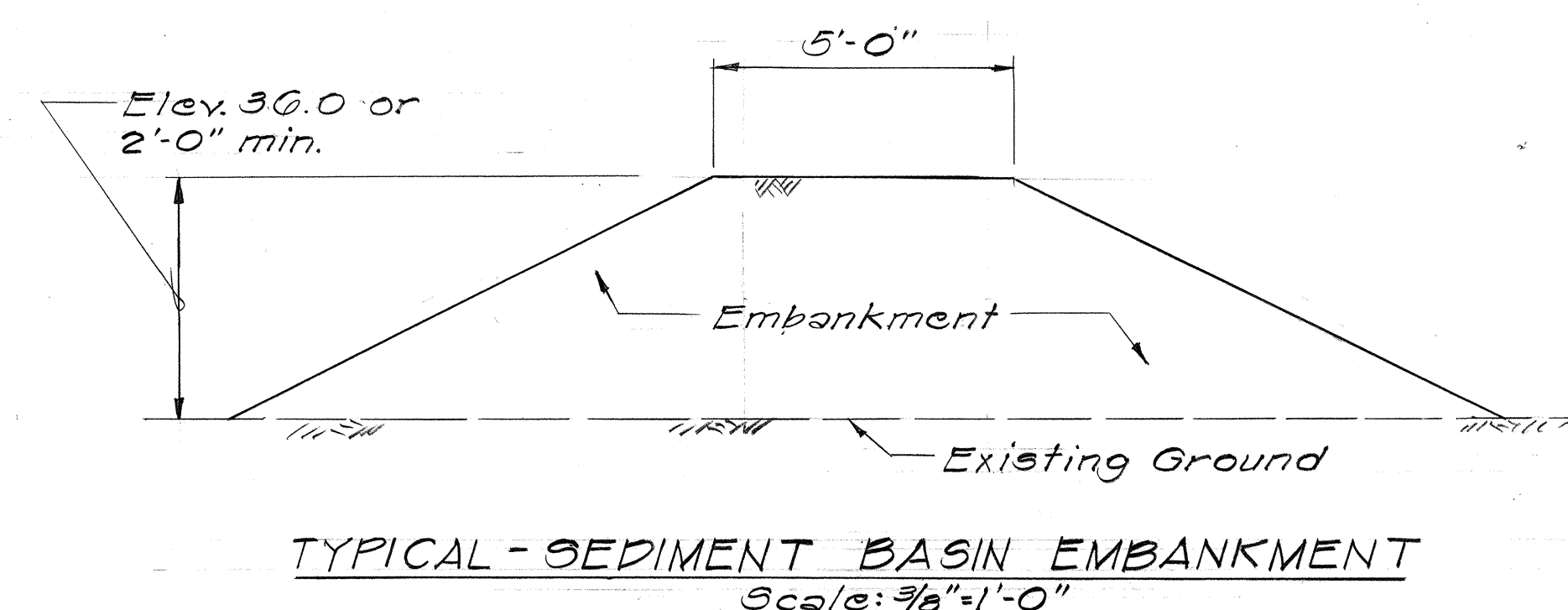
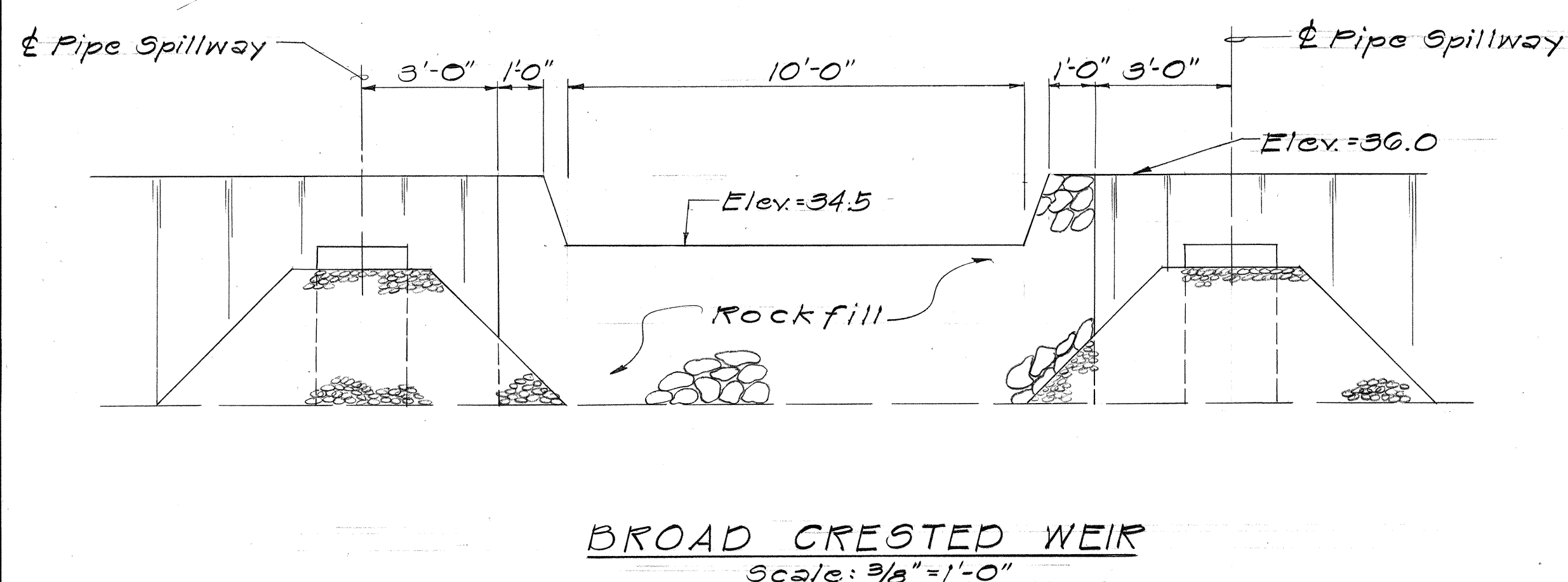
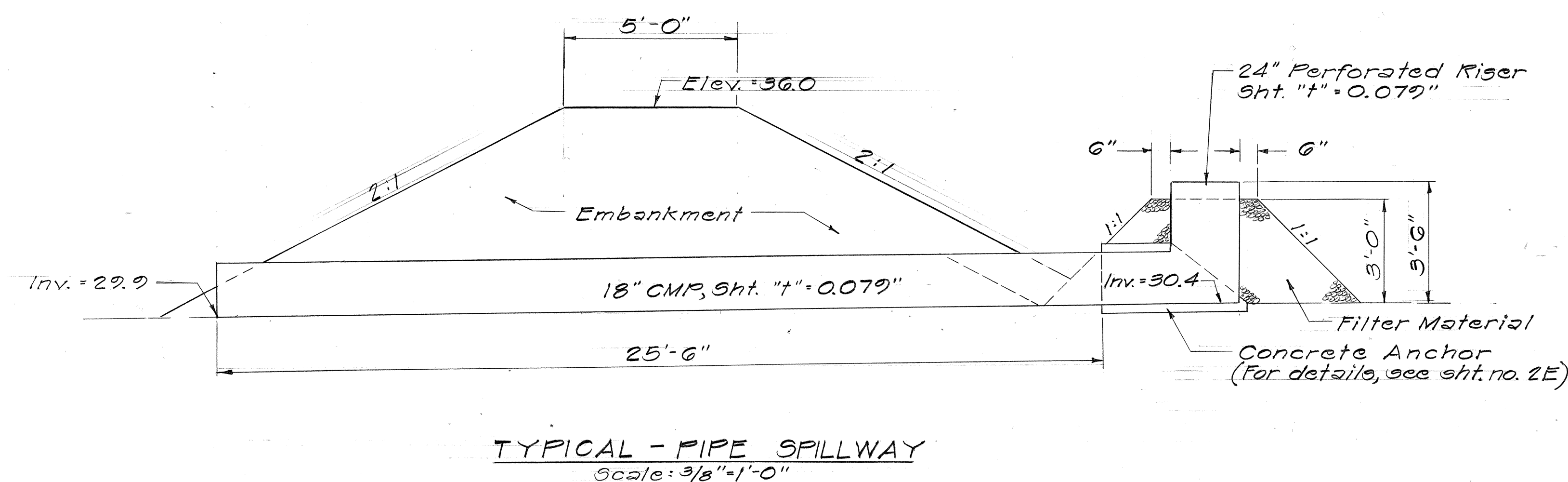
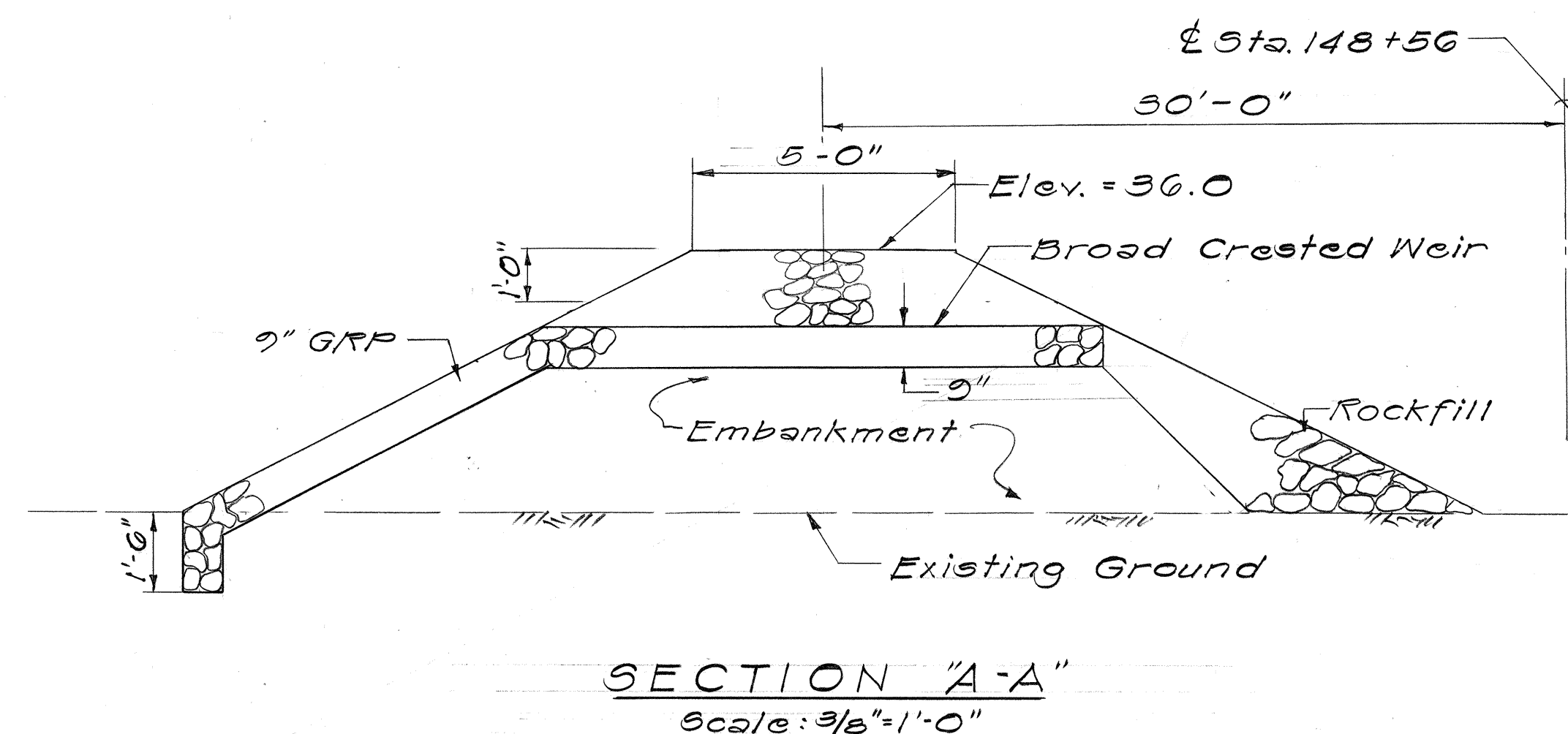
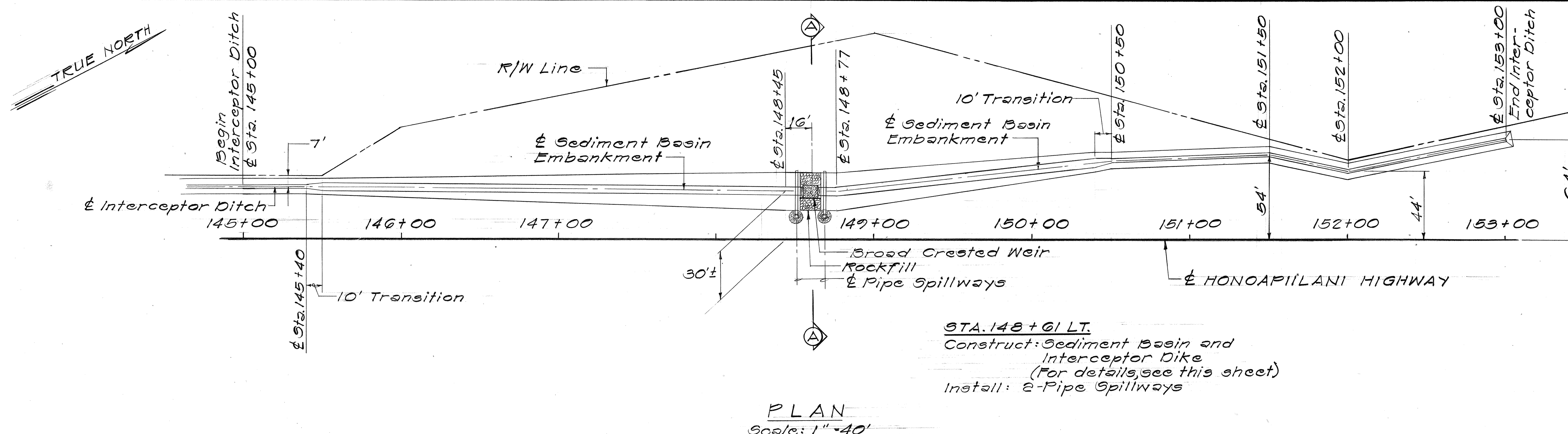
Scale: As Shown Date: Sept. 1977
SHEET NO. 3E OF 6 SHEETS

SEDIMENT BASIN NO. 2 AT STA. 137+55 LT.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-030-1(13)	1978	78	174

GENERAL NOTES:

1. All exposed areas of the risers shall be perforated.
2. Rock piles or other energy dissipators, as directed by the Engineer, shall be placed at the outlet of the Pipe Spillways.
3. The Broad Crested Weir shall be immediately protected against erosion with GRP.
4. Excavation for cut-off walls shall be incidental to the GRP.
5. Interceptor Dike shall be considered incidental to the various contract items.
6. Location of Sediment Basins as shown on plans are approximate. Exact locations shall be determined by the Engineer in the field.



NOTE:
See General Notes 1 thru 6
on sheet no. 2E

SEDIMENT BASIN NO. 3 AT STA. 148+61 LT.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

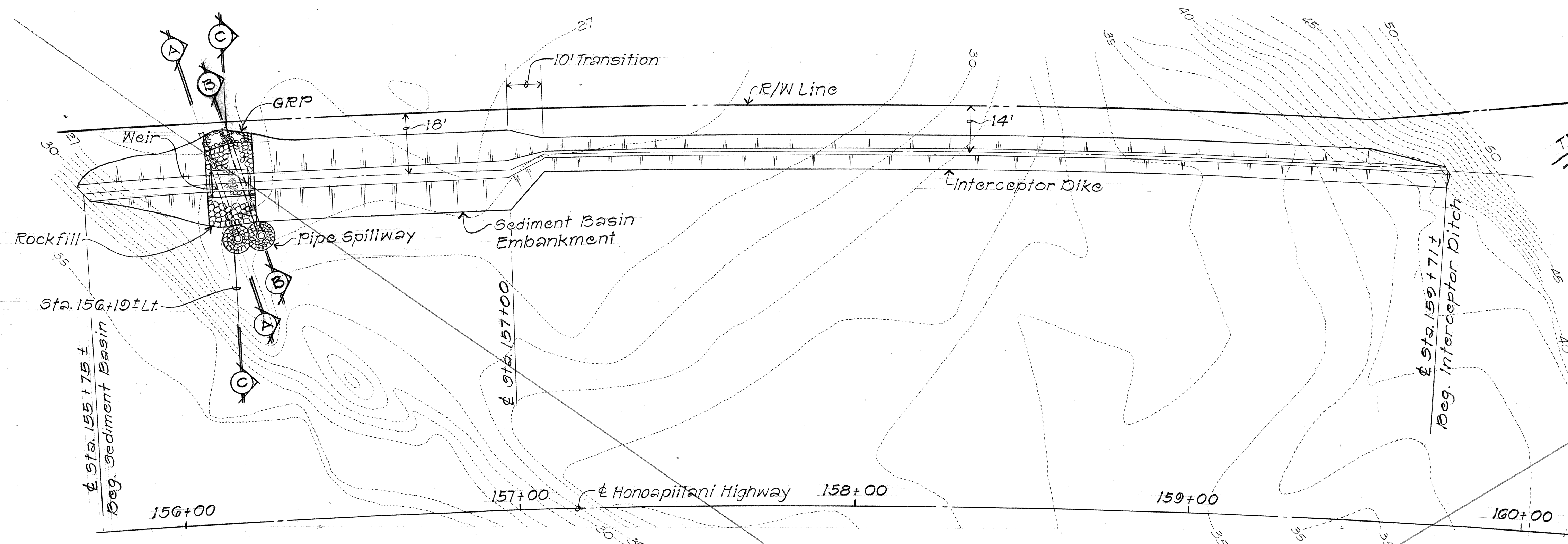
EROSION CONTROL PLAN

HONOAPIILANI HIGHWAY
Kahala to Aiea
F.A. Proj. No. F-030-1(13)

Scale: As Shown Date: Sept. 1977

SHEET NO. 4E OF 6 SHEETS

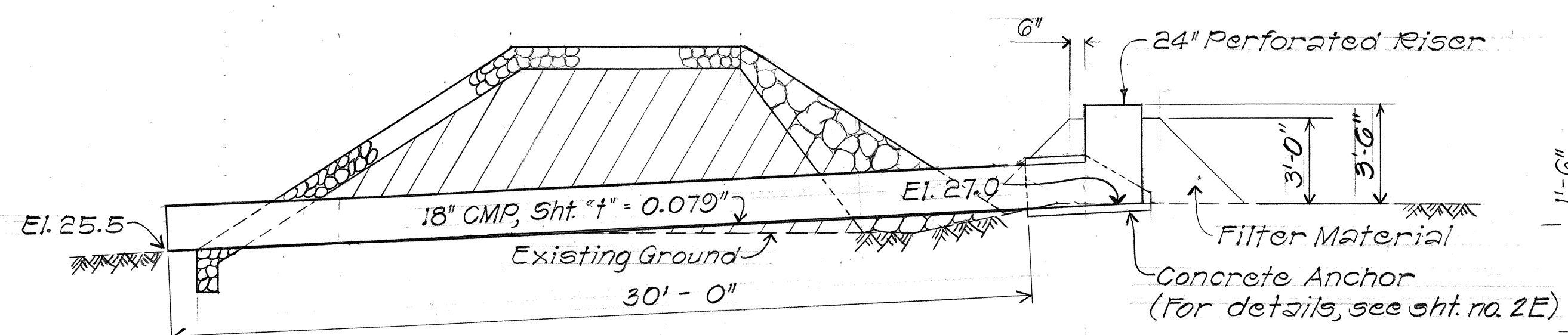
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F030-1(13)	1978	79	174



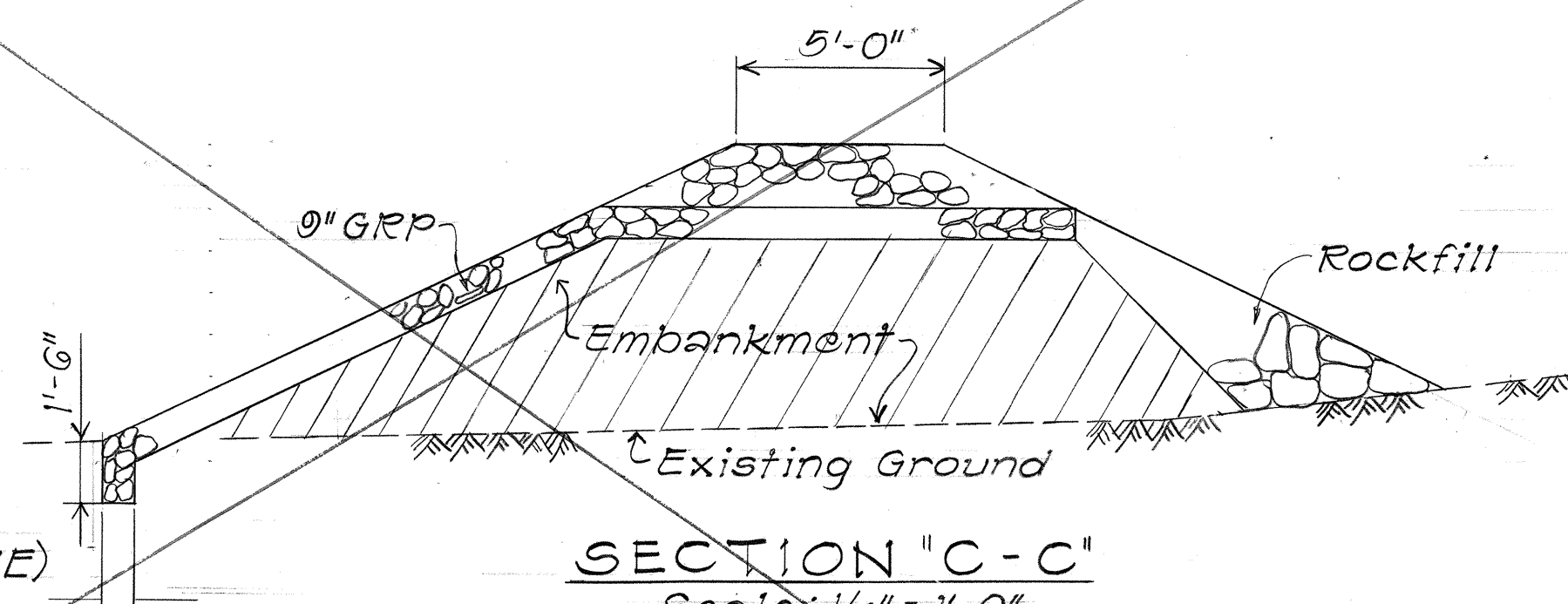
At Sta. 156+10± LT.
Construct: Sediment Basin and
Interceptor Dike. For details,
see this sheet.
Install: 2 - Pipe Spillways

NOTE: See General Notes 1 thru 6
on Sheet No. 2E

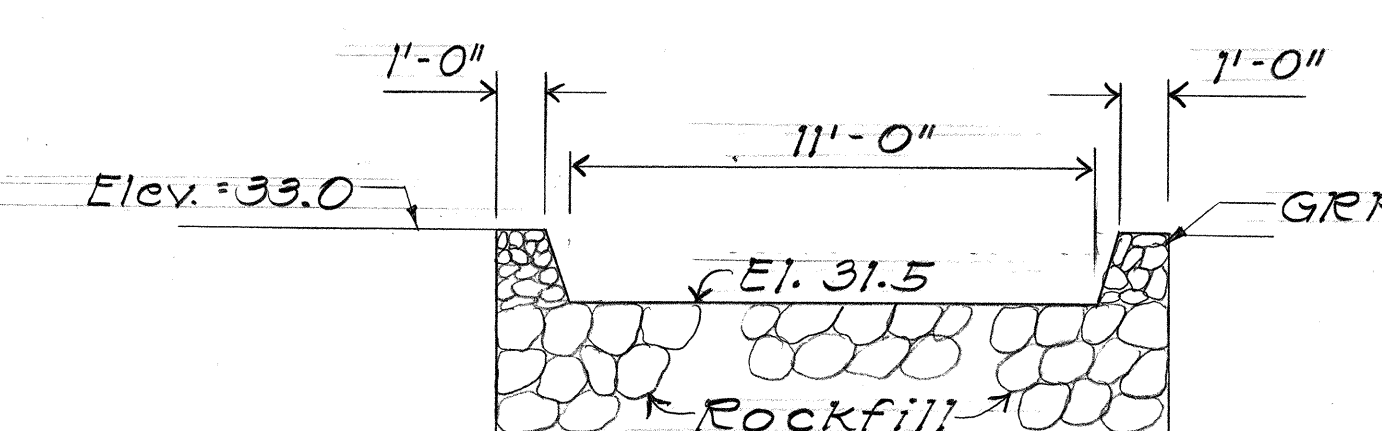
PLAN
Scale: 1" = 20'



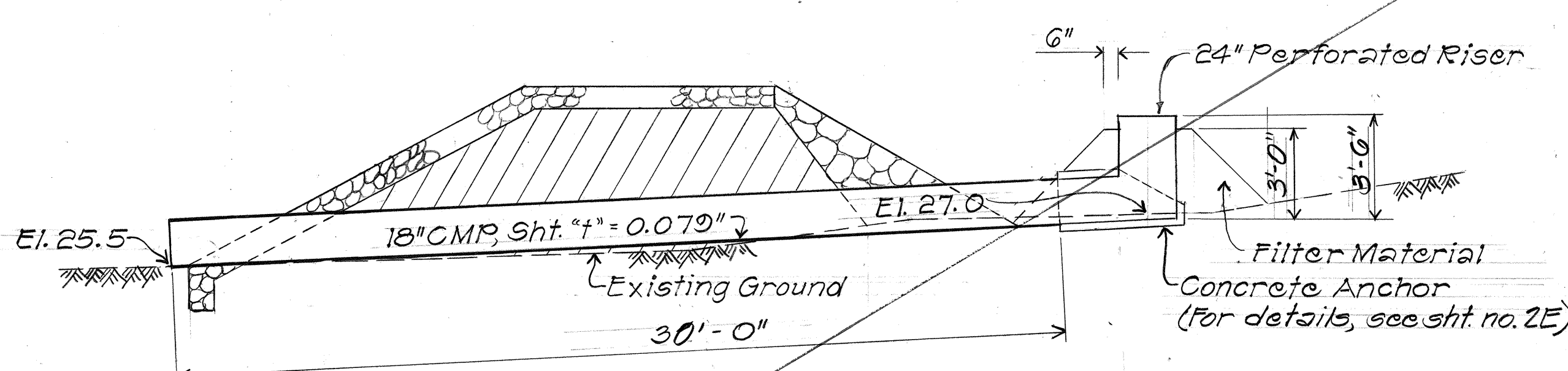
SECTION "A-A"
Scale: 1/4" = 1'-0"



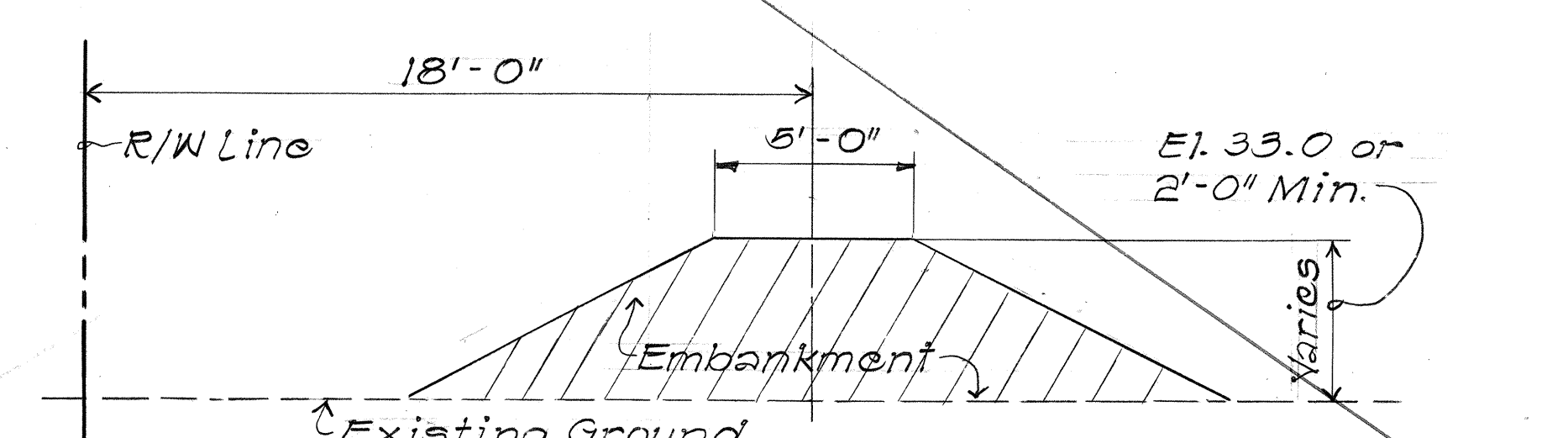
SECTION "C-C"
Scale: 1/4" = 1'-0"



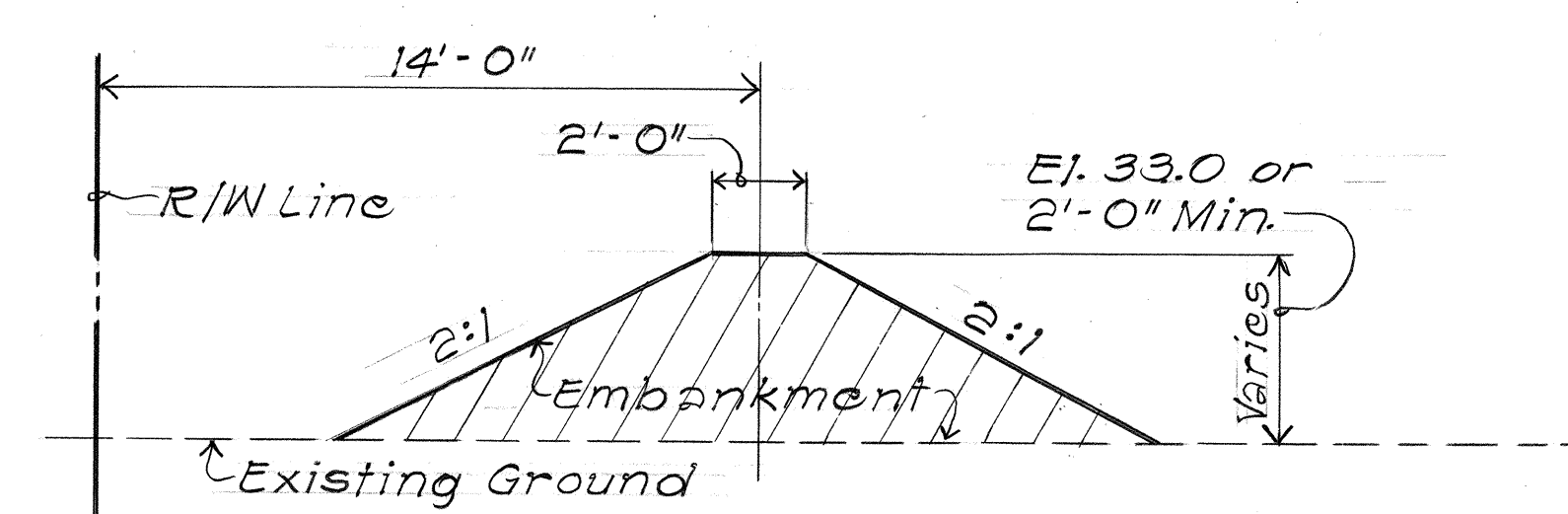
BROAD CRESTED WEIR
At STA. 156+10± LT.
Scale: 1/4" = 1'-0"



SECTION "B-B"
Scale: 1/4" = 1'-0"



TYPICAL SEDIMENT BASIN EMBANKMENT
Scale: 1/4" = 1'-0"



TYPICAL INTERCEPTOR DIKE
Scale: 1/4" = 1'-0"

NOT IN CONTRACT

SEDIMENT BASIN NO. 4 AT STA. 156+10± LT.

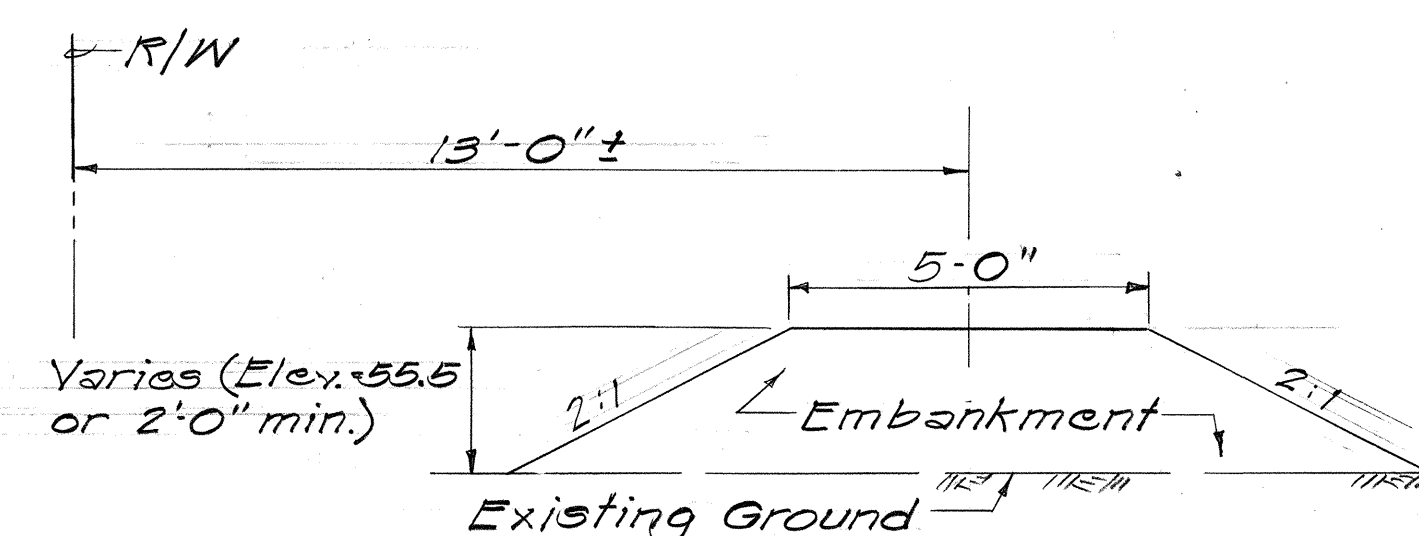
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN

HONOAPIILANI HIGHWAY
Kahala to Alahele
F.A. Proj. No. F-030-1(13)

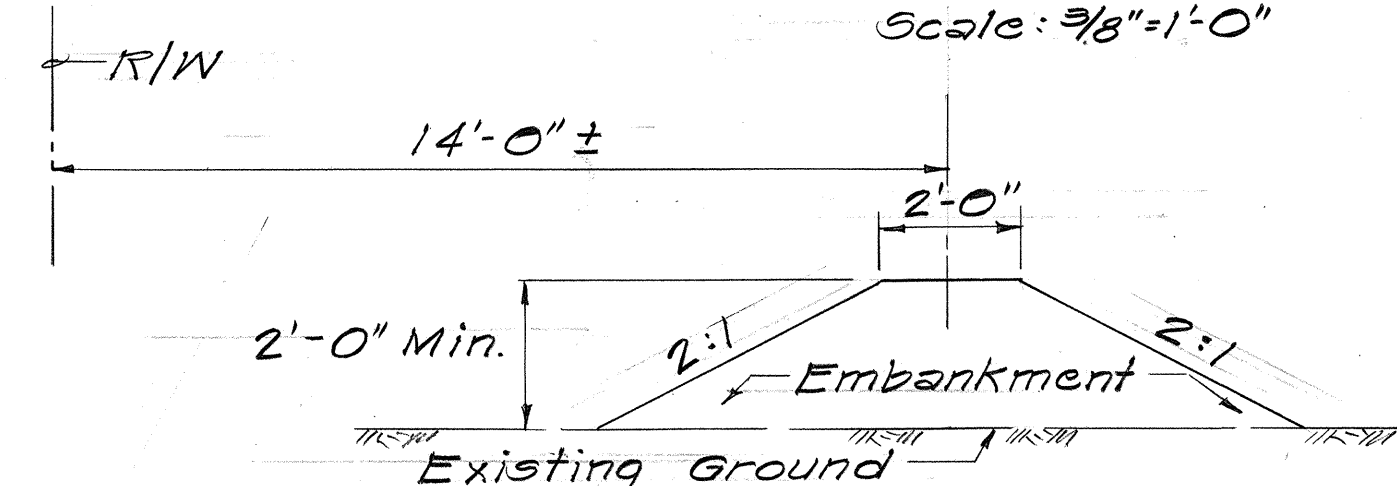
Scale: As Shown Date: Sept, 1977
SHEET NO. 5E OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F0301(13)	1978	80	174



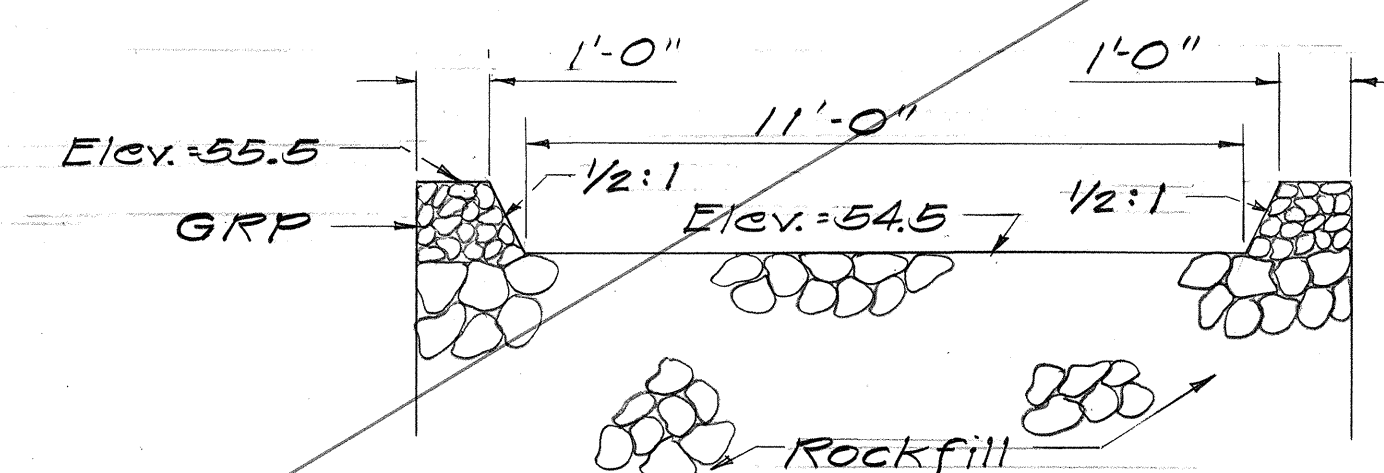
TYPICAL - SEDIMENT BASIN EMBANKMENT

Scale: $\frac{3}{8}'' = 1' - 0''$



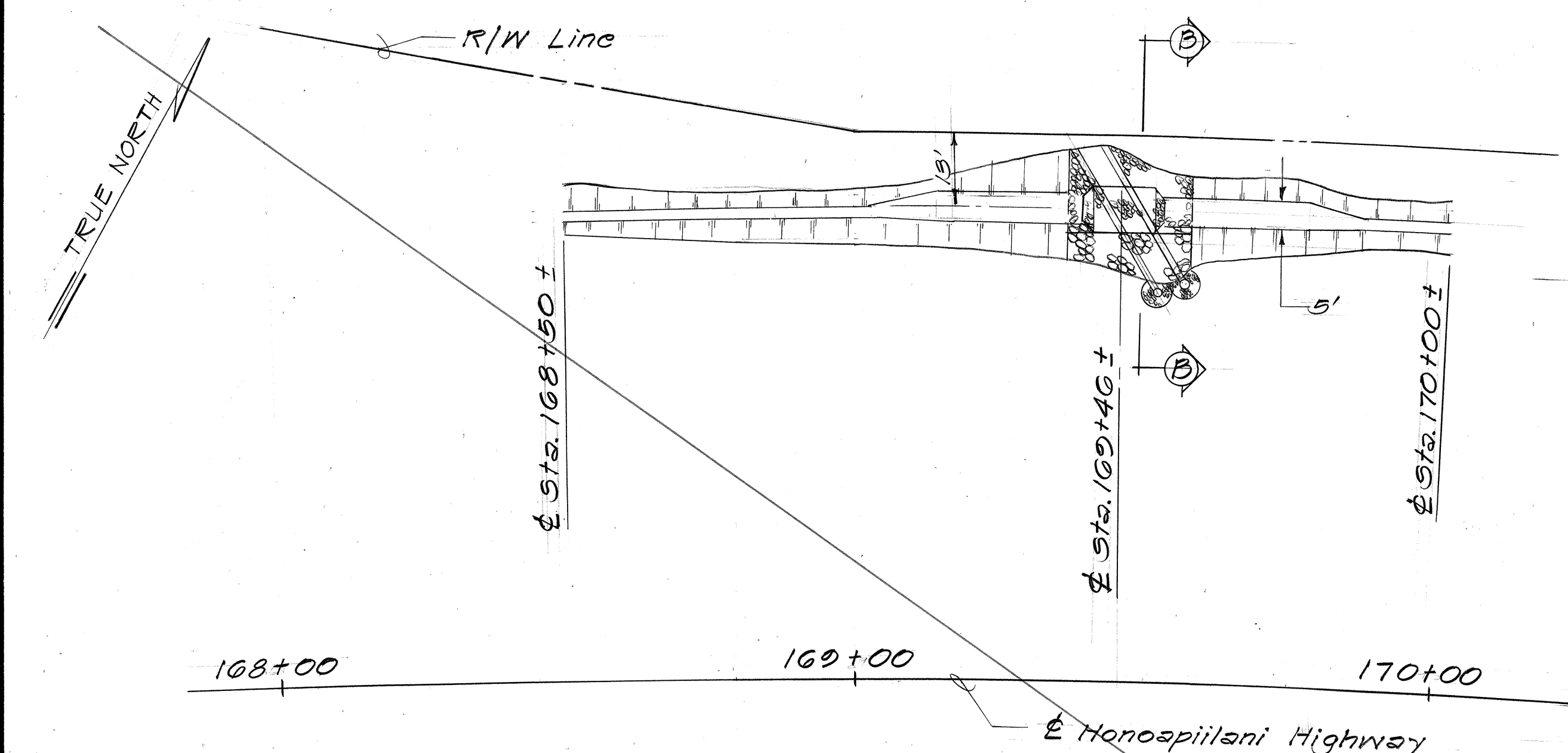
TYPICAL-INTERCEPTOR DIKE

Scale: $\frac{3}{8}'' = 1' - 0''$



BROAD CRESTED WEIR

SC2/C: $3/8" = 1'-0"$



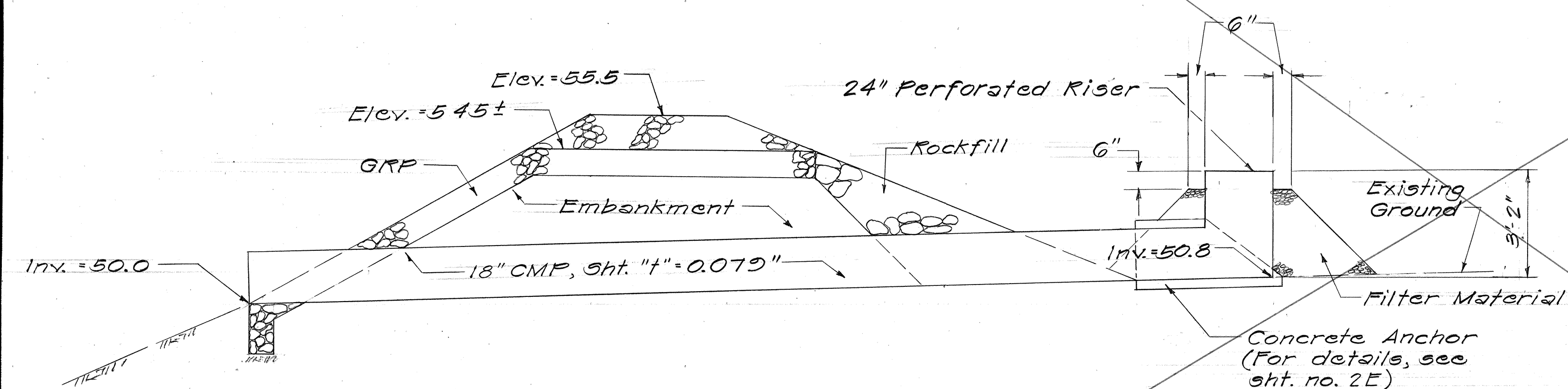
$\text{£ } 52.169 + 46 \pm \text{Lt.}$

Construct: Sediment Basin
and Interceptor Dike
Install: 2 Pipe Spillways

NOTE: See General Notes 1 to 6 on Sheet no. 2E

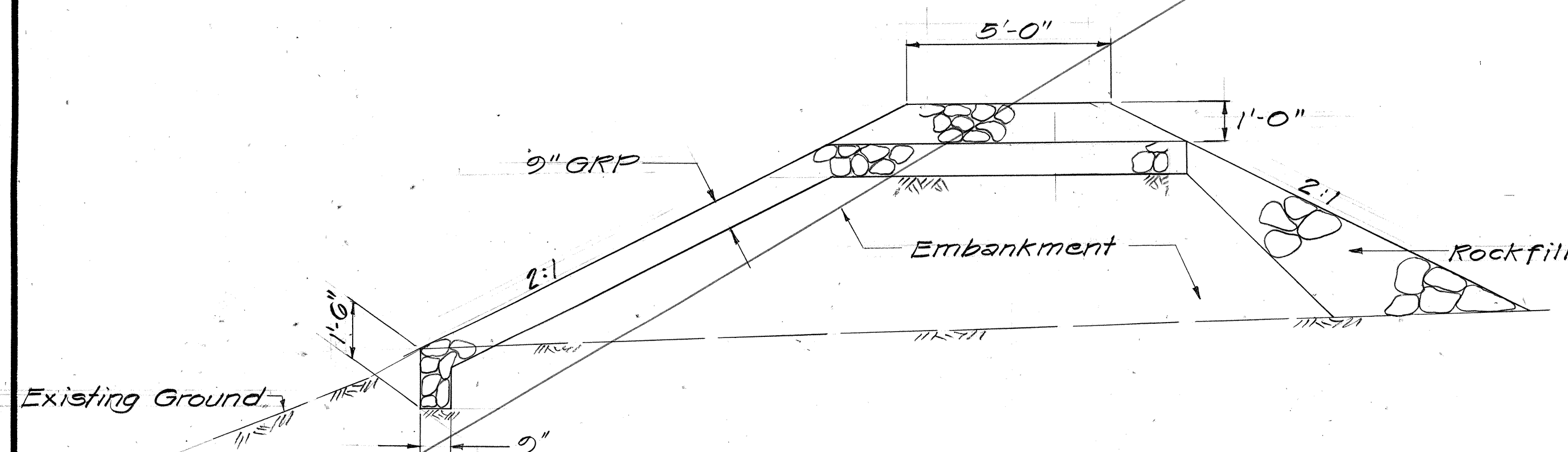
PLAN

Scale: 1"=20'



TYPICAL PIPE SPILLWAY

SC2/c: 3/8" = 1'-0"



SECTION "B-B"

Scale: $3/8" = 1'-0"$

SEDIMENT BASIN NO. 5 AT & STA. 169+46±, % 83'± LT.

NOT IN CONTRACT

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

EROSION CONTROL PLAN

HONOAPIILANI HIGHWAY

Kahana to Alacloa

F.A. Proj. No. F-030-1(13)

Scale: As Shown Date: Sept, 1977

SHEET No. 6 E OF 6 SHEETS