TYPICAL DETAIL - DIVERSION DITCH
NOT TO SCALE

Limits of Grading and Revegetation

2'±

Original Ground Line

Berm

1 Strip of Jute Matting (48" Wide) shall be centered on bottom of Diversion Ditches

2:1

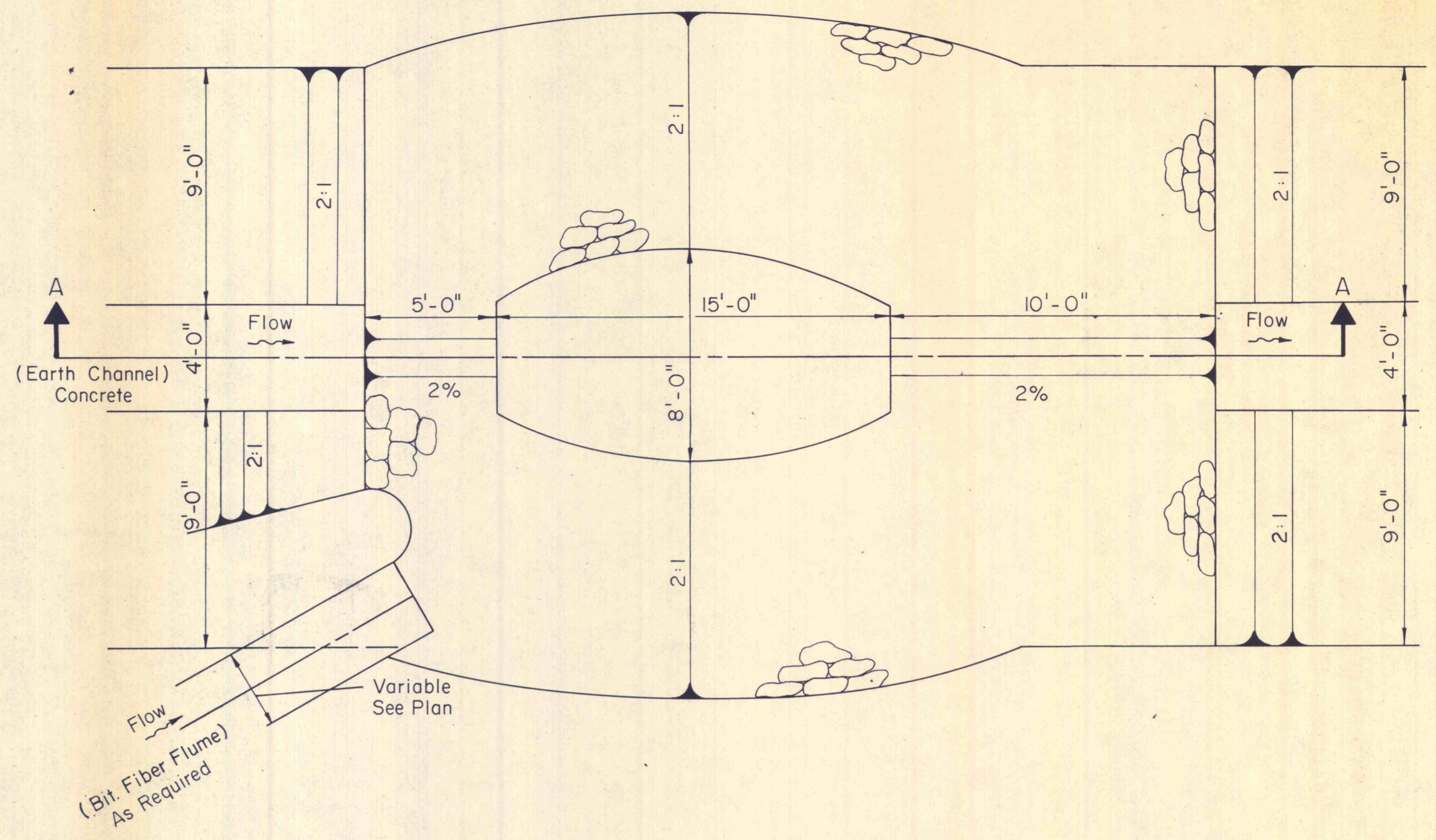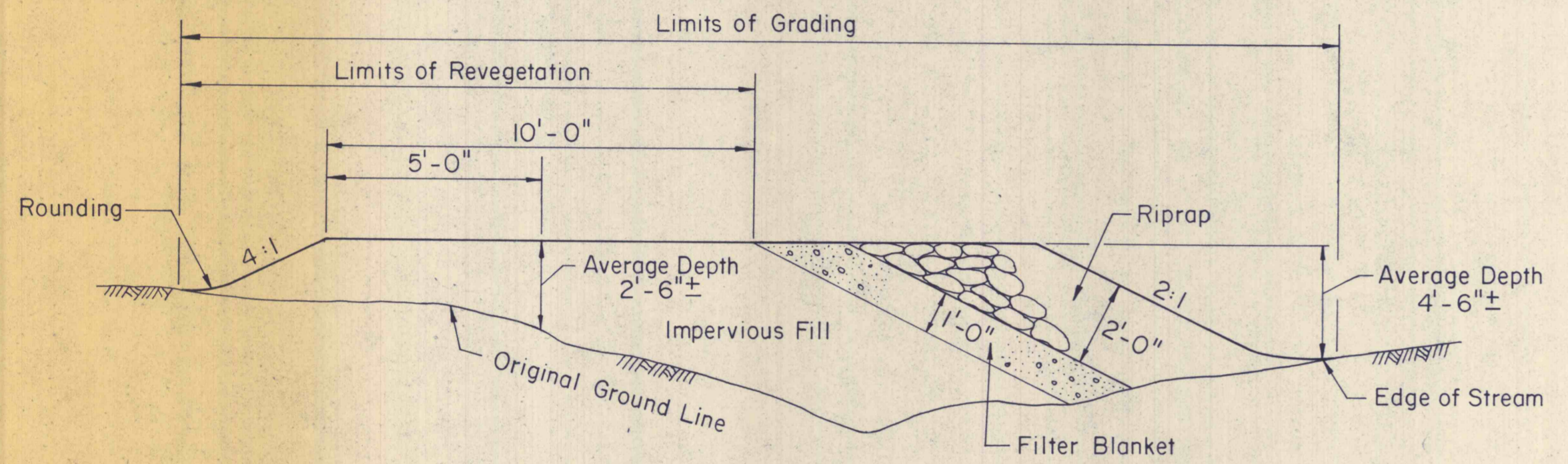2'MIN.

2:1

Jute Matting Liner

2'-0"

2:1

NOTE: 1½:1 Slopes on the Uphill Side shall be used in Areas designated by the Engineer when the terrain will not permit the use of 2:1 Slopes.
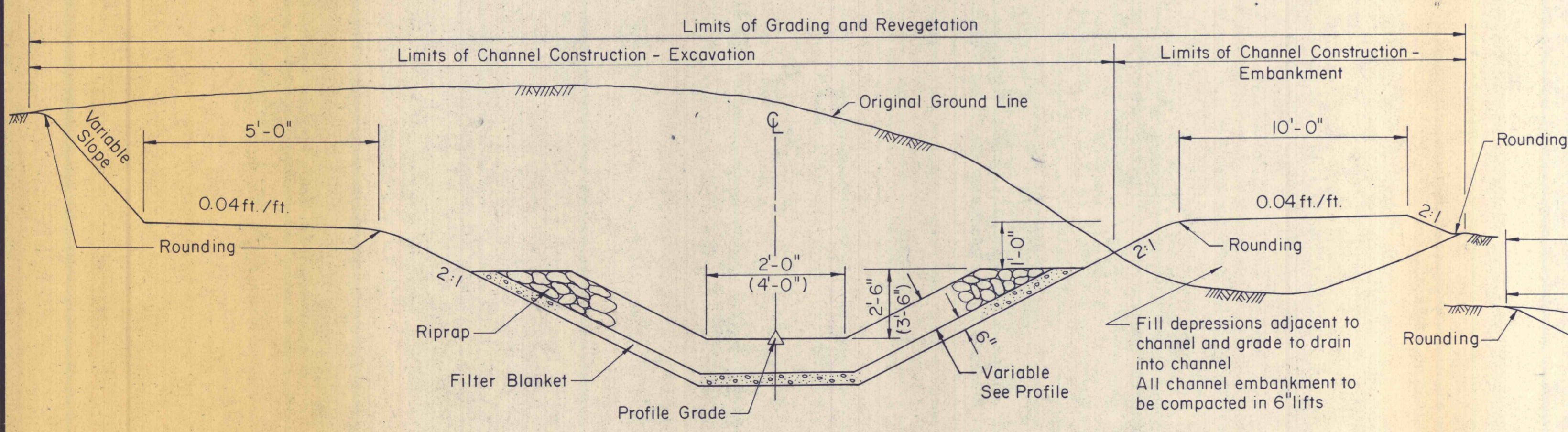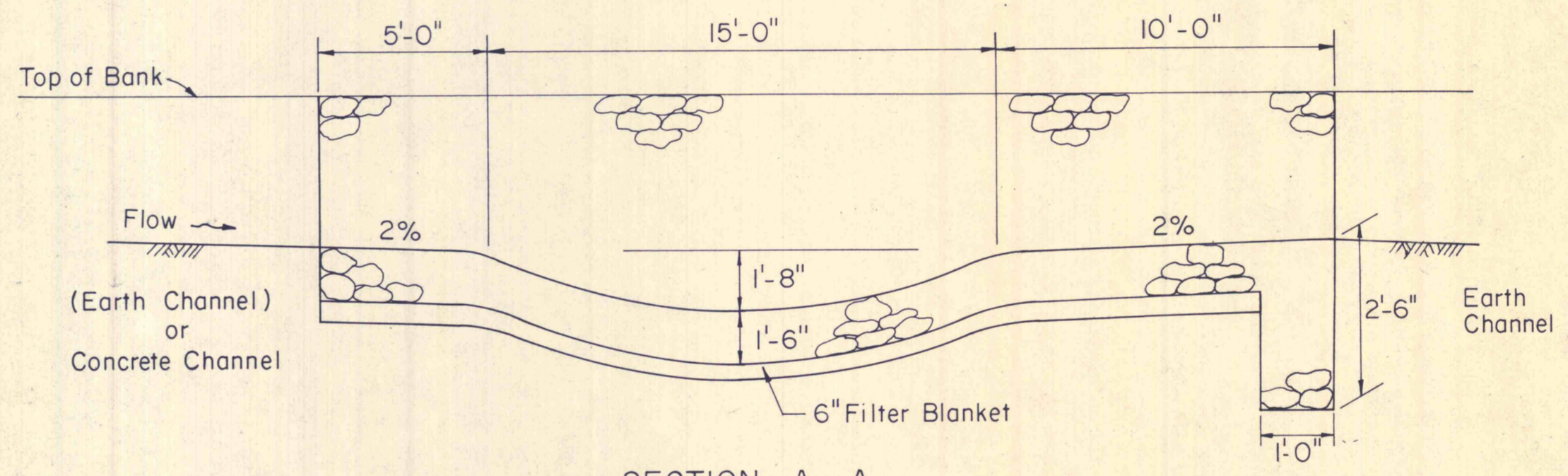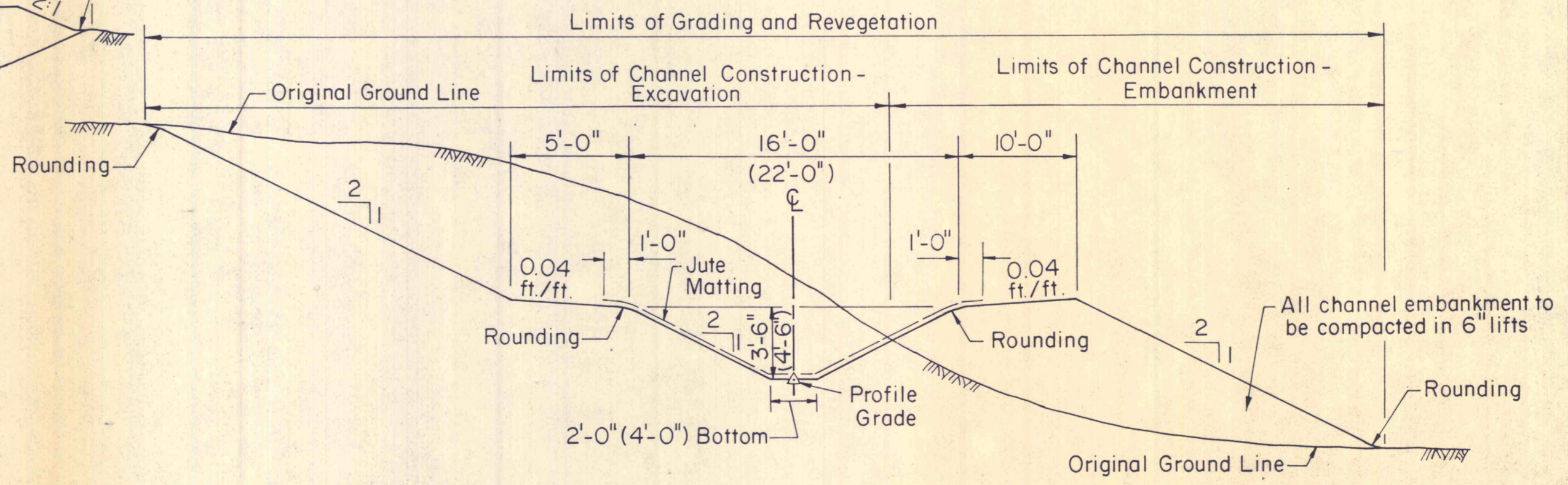
TYPICAL DETAIL - DIVERSION BERM
NOT TO SCALE

Limits of Grading

Limits of Revegetation

10'-0"

5'-0"

Rounding

4:1

Average Depth 2'-6"±

Impervious Fill

Original Ground Line

Riprap

2:1

1'-0"

2'-0"

Average Depth 4'-6"±

Edge of Stream

Filter Blanket

TYPICAL DETAIL - RIPRAP CHANNEL
NOT TO SCALE

Limits of Grading and Revegetation

Limits of Channel Construction - Excavation

Limits of Channel Construction - Embankment

Variable Slope

5'-0"

Original Ground Line

10'-0"

Rounding

0.04 ft./ft.

0.04 ft./ft.

2:1

Rounding

2:1

Riprap

Filter Blanket

Profile Grade

2'-0"
(4'-0")

2'-6"
(3'-6")

1'-0"

6"

Variable See Profile

Rounding

Fill depressions adjacent to channel and grade to drain into channel
All channel embankment to be compacted in 6" lifts

TYPICAL ENERGY DISSIPATOR
TYPE A SHOWN - TYPE B IN ( )
NOT TO SCALE

9'-0"

2:1

2:1

9'-0"

A

A

(Earth Channel) Concrete

Flow

5'-0"

15'-0"

10'-0"

Flow

4'-0"

2%

8'-0"

2%

4'-0"

9'-0"

2:1

2:1

9'-0"

Flow

(Bit. Fiber Flume) As Required

2:1

Variable See Plan

SECTION A - A
NOT TO SCALE

5'-0"

15'-0"

10'-0"

Top of Bank

Flow

2%

1'-8"

2%

1'-6"

Earth Channel

2'-6"

6" Filter Blanket

1'-0"

TYPICAL DETAIL - RELOCATED AND RESTORED CHANNEL
DIMENSIONS FOR 2'-0" CHANNEL BOTTOM SHOWN
DIMENSIONS FOR 4'-0" CHANNEL BOTTOM IN ( )
NOT TO SCALE

Limits of Grading and Revegetation

Rounding

Original Ground Line

Limits of Channel Construction - Excavation

Limits of Channel Construction - Embankment

Rounding

5'-0"

16'-0"
(22'-0")

10'-0"

2:1

0.04 ft./ft.

1'-0"

1'-0"

0.04 ft./ft.

2:1

Rounding

Jute Matting

Rounding

All channel embankment to be compacted in 6" lifts

2:1

Rounding

Profile Grade

2'-0"(4'-0") Bottom

Original Ground Line

BRUNING 44-142 25788