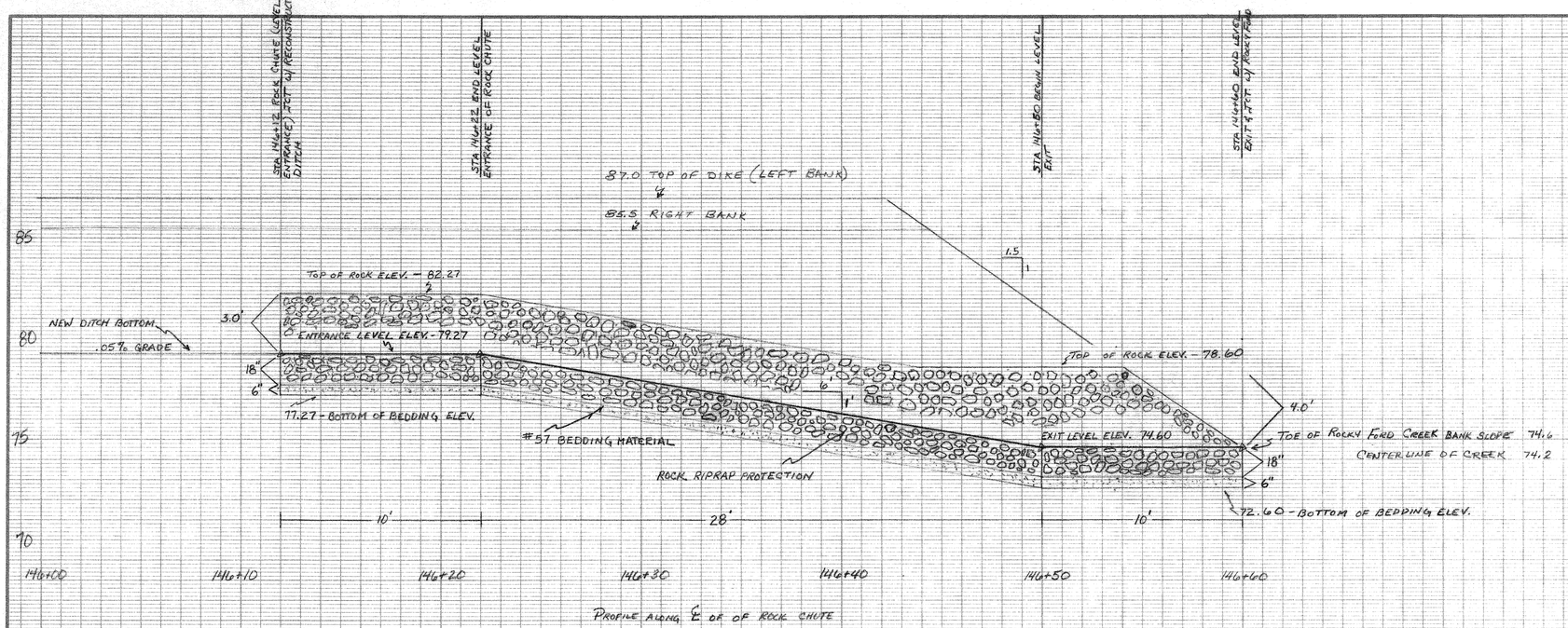


PROFILE ALONG ℄ OF OF ROCK CHUTE

BILL OF MATERIALS	
RIPRAP -	90 TONS
GRAVEL BEDDING -	32 TONS
SEEDING -	146 SQ. YDS.
DIRT EXCAVATION -	411 CU. YDS.

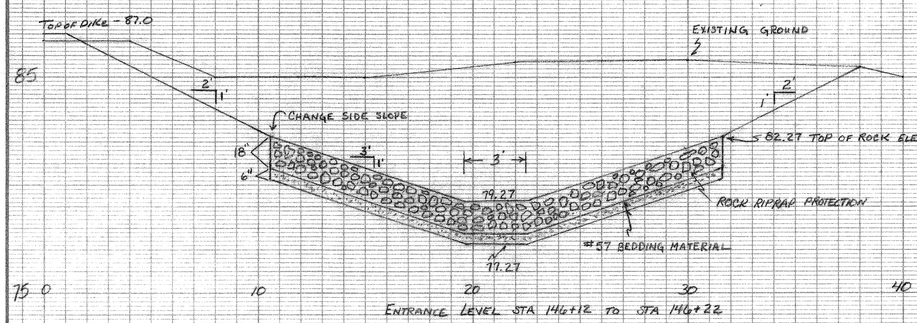
MATERIAL GRADIATIONS

ROCK RIPRAP

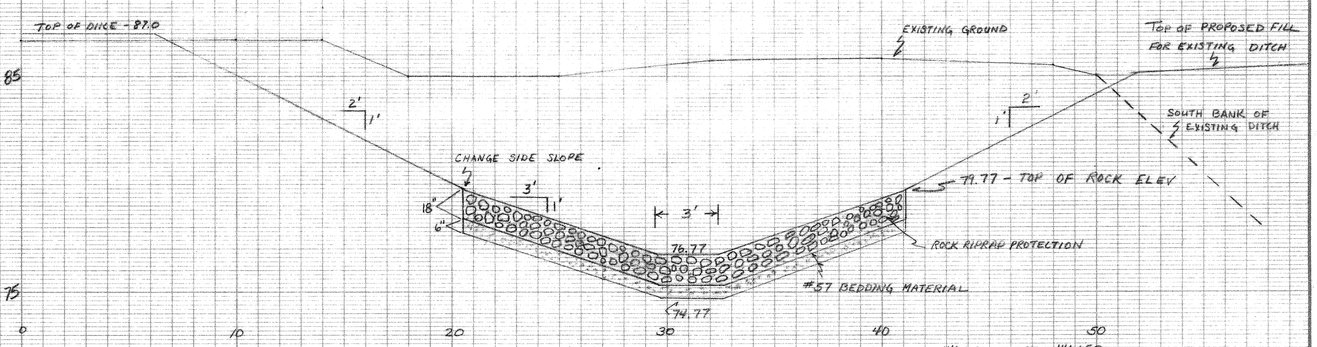
WEIGHT OF SINGLE PIECES (lbs.)	PERCENT OF NUMBER OF PIECES
150 - 200	4
100 - 150	6
50 - 100	20
10 - 50	30
0 - 10	40

GRAVEL BEDDING (EQUIVALENT TO NO. 57)

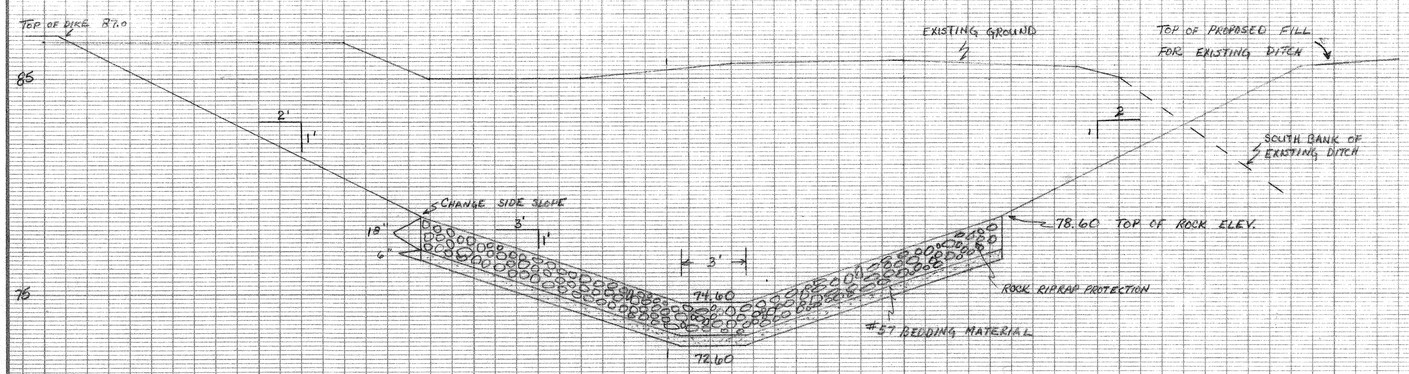
SIZE - (INCHES)	PERCENT PASSING
1½	100
1	95-100
½	25-60
NO. 4	0-10
NO. 8	0-5



ENTRANCE LEVEL STA 146+12 TO STA 146+22



STA 146+37 - TYPICAL SECTION FOR ROCK CHUTE FROM STA 146+22 TO STA 146+50



EXIT LEVEL STA 146+50 TO STA 146+60

NOTES:

1. ALL FILL SHALL BE COMPACTED IN 12" LAYERS WITH TWO PASSES OF WHEELED HEAVY EQUIPMENT OVER ALL THE SURFACE OF THE LAYER.

2. BEDDING AND RIPRAP SHALL BE DENSE, DURABLE, ANGULAR ROCK. BEDDING SHALL BE PLACED AND INSPECTED BEFORE PLACING RIPRAP. RIPRAP SHALL BE PLACED TO A UNIFORM DEPTH.

B.M. -

EQUIVALENT ROCK SIZES (165 PCF)

WEIGHT (lbs.)	TYPICAL DIMENSIONS (INCHES)	COMMON SIZE (INCHES)
200	8 x 15 x 18	15
150	8 x 12 x 16	12
100	7 x 10 x 14	10
50	6 x 8 x 11	8
10	3 x 6 x 6	6

OIL CENTER ROAD OPEN DITCH RECONSTRUCTION
ROCK CHUTE OUTLETTING INTO ROCKY FORD CREEK
DITCH #54-A

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

	Date		
Designed Swanson & George	10/91	Approved by	
Drawn George	10/91	Title	
Traced		Title	
Checked D. L. Swanson	11/91	Sheet No. 13 of 14	Drawing No. OH-1-75-91-48

FPI-LOM

SCS-ENG-316 (Rev. 6-75)