



**A**  
24  
**RIPRAP DITCH CHECK DETAIL**  
NOT TO SCALE

DITCH CHECK #	DIMENSIONS					REQUIRED RR-3 (TONS)	REQUIRED CA-1 (TONS)
	A	B	C	D	E		
1	2'	12'	5'	5'	15'	48	1.7
2	10'	20'	5'	5'	15'	76	3.6
3	14'	30'	3'	5'	11'	65	4.4
4	13'	16'	5'	5'	15'	69	3.3
5	4'	15'	3'	5'	11'	42	1.9
6	6'	13'	5'	5'	15'	49	2.2
7	8'	25'	4'	5'	13'	82	4.2
8	9'	17'	5'	5'	15'	66	3.1
9	6'	56'	3'	5'	11'	122	8.6
10	8'	16'	5'	5'	15'	61	2.7
11	5'	13'	5'	5'	15'	51	2.4
12	6'	25'	5'	5'	15'	89	3.6
RIPRAP PAD (See Sheet 7)						77	

SPACING LETTERS  
2.0"  
3.5"  
1.5"  
3.5"  
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2.0"

RECLAMATION PROJECT  
of the  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF ILLINOIS  
ROD BLAGOJEVICH, GOVERNOR

10" dia. Joel Brunsvold, Director  
Illinois Dept. of Natural Resources

In cooperation with the Office of Surface Mining  
United States Department of the Interior

**B**  
24  
**CONSTRUCTION SIGN DETAIL**  
NOT TO SCALE

1. Furnishing, erecting and removing the sign shall be incidental to the contract.
2. The sign shall be painted on 1/2" or thicker exterior plywood (4' x 8'), color shall be black on white, and a 10" diameter Illinois state seal shall be provided by the I.D.N.R.
3. The posts shall be made of 4" x 4" wood or 2.5" metal pipe, and shall be 10' long. The sign shall be securely fastened to the posts with six 2.5" long, round head wood screws (for wood posts) or four 5" long, 3/8" diameter carriage bolts (for wood or metal posts).
4. The top of the sign shall be level with the top of the posts, and the posts shall be 1' from the edges of the sign. The posts shall be set in the ground 3', so that the bottom of the sign is 3' from the ground.