



Table 506-2

Pay Item	Stone Size (Inches)	Percent of Material Smaller Than Typical Stone <sup>1</sup>	Typical Stone Dimensions <sup>2</sup> (Inches)	Typical Stone Weight <sup>3</sup> (Pounds)
Riprap 6	6	70-100	12	85
		50-70	9	35
		35-50	6	10
		2-10	2	0.4
Riprap 9	9	70-100	15	160
		50-70	12	85
		35-50	9	35
		2-10	3	1.3
Riprap 12	12	70-100	21	440
		50-70	18	275
		35-50	12	85
		2-10	4	3
Riprap 18	18	100	30	1280
		50-70	24	650
		35-50	18	275
		2-10	6	10
Riprap 24	24	100	42	3500
		50-70	33	1700
		35-50	24	650
		2-10	9	35

<sup>1</sup>50 = nominal stone size based on typical rock mass  
<sup>2</sup>Equivalent spherical diameter  
<sup>3</sup>based on a specific gravity = 2.5

Notes: 1. Nominal stone size and total thickness of the riprap shall be as shown on the plans.



**CONSTRUCTION DOCUMENTS**

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**Area Key Plan**

**POND DETAILS**

**C7.5**