

SCHEDULE OF BOULDERS

BOULDER DESIGNATION		APPROXIMATE SIZE			MITIGATION METHOD (See Notes Below)				COMMENTS
BOULDERS	GROUP #	Length (ft.)	Width (ft.)	Height (ft.)	Scale	Ring Net System	Wire Mesh System	Demo	
B5	B5	0.8	0.5	0.4	●				7 boulders
B7	B7	6	24	4			●	●	Many boulders to be scaled in this area
B8-1	B8	8	4	4			●	●	
B8-2	B8	12	17	4	●		●		
B8-3	B8	20	8.5	7	●		●		
B9	B9	4	4	4			●	●	
B10	B10	6	16	3.5	●		●		Many boulders to be scaled in this area
B11-1	B11	1.4	1	0.8	●		●		
B11-2	B11	1.2	1.9	0.9	●		●		
B12	B12	0.8	0.5	0.5	●		●		2 boulders
B13	B13	1.8	1.1	1.2	●		●		2 boulders
B14	B14	0.6	0.6	0.6	●				5 boulders
B16	B16	1.5	1.5	1	●				4 boulders
B18	B18	1	0.7	0.6	●				
B19-1	B19	8	8	5	●		●		Many boulders in this area
B19-2	B19	4	13	2	●		●		
B20	B20	0.7	0.5	0.4	●		●		
B21	B21	5	4.5	4.5			●	●	
B22	B22	1.5	1.2	1.1	●		●		
B23	B23	3	2.4	2	●		●		3 boulders
B27-1	B27	1	1	0.8	●				
B27-2	B27	1	1	0.8	●				4 boulders
B29	B29	1	0.5	0.4	●		●		Approx. 15 boulders
B30	B30	14	18	5	●		●		
B31	B31	8	12	2	●		●		
B32	B32	3	3	3	●		●		
B33-1	B33	0.5	0.5	0.5	●	●			
B33-2	B33	2.5	1.5	1	●	●			
B34	B34	6	5	2.3	●	●			
B35	B35	48	22	5	●	●			
B37	B37	1	1	0.5	●				Approx. 40 boulders

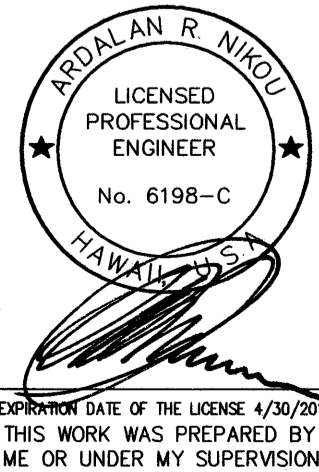
NOTES:

1. Contractor shall be responsible for providing temporary means of protection against falling rocks such as impact fences, berms, and cable netting in areas where rockfall potential exists due to disturbance of rocks or nearby rocks by drilling, demolition work, or contractor operations.

2. Slope scaling will take place throughout the entire designated slope scaling area and not be limited to boulders listed above.
3. Boulder designations are for contractor information only. Except for those boulders where a specific mitigation method is identified, removal of designated boulders within the project limits shall be considered incidental and included in the lump sum amount bid under proposal item 671.1000 for Rock Slope Scaling.

4. Prior to the start of construction, Contractor shall coordinate with the Engineer in the field the location of the designated boulders.

EARTH TECH | AECOM



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

SCHEDULE OF BOULDERS

KUHIO HIGHWAY SLOPE STABILIZATION  
VICINITY OF HANAIEI BRIDGE  
PROJECT NO. 560A-02-03

Scale: As Noted      Date: July 2009

SHEET No. 1 OF 2 SHEETS

