

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:

- 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.
- Slope scaling will take place throughout the entire designated slope scaling area and not be limited to boulders listed above.
- 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.
- Prior to the start of construction, Contractor shall coordinate with the Engineer in the field the location of the designated boulders.

DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN	_____
DRAWN BY	_____
TRACED BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SCHEDULE OF BOULDERS

*KUHIU HIGHWAY SLOPE STABILIZATION
VICINITY OF HANALEI BRIDGE
PROJECT NO. 560A-02-03*

Scale: As Noted Date: July 2009

SHEET No. 1 OF 2 SHEETS

