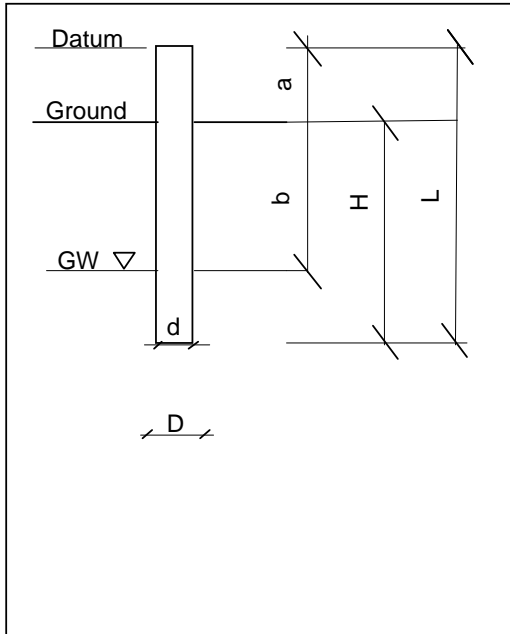


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## **APPENDIX C**

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## INFILTRATION TEST RECORD

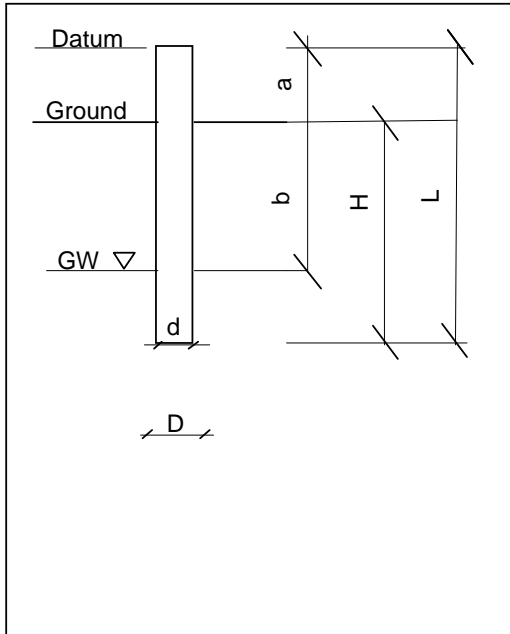


Project: Kapolei Interchange Complex  
 Phase 3  
 W.O.: 5537-50  
 Test No.: \_\_\_\_\_  
 Date of Testing: 5/21/2015  
 Method of Testing: BMP (Falling Head)  
 Source of Water: Water Container

Boring No.: B-4  
 GW level, b (from ground): NA feet  
 Datum, a (above ground): 0.00 feet  
 Depth of Boring (H): 5.00 feet  
 Length, L (from datum): 5 feet  
 Open Hole Length, l: 0 feet  
 Diameter of Open Hole, D: 4.5 inches  
 Diameter of Casing, d (I.D.): 4 inches

Time (HH:MM)	Elapsed Time (minutes)	Pumping Rate (gpm)	Depth to Water (measured from datum) (inches)	Percolation Rate (inches per hour)
<b>Trial 1</b>				
8:33	0		36.75	
8:53	20		36.8	
9:10	37		36.9	
9:29	56		36.9	0.15
<b>Trial 2</b>				
9:29	0		36.9	
9:54	25		36.9	
10:08	39		36.9	
10:29	60		37	0.1
<b>Trial 3</b>				
10:29	0		37	
10:55	26		37.1	
11:11	42		37.1	
11:29	60		37.1	0.1
<b>Trial 4</b>				
11:30	0		36.2	
11:56	26		36.25	
12:13	43		36.25	
12:30	60		36.3	0.1

## INFILTRATION TEST RECORD

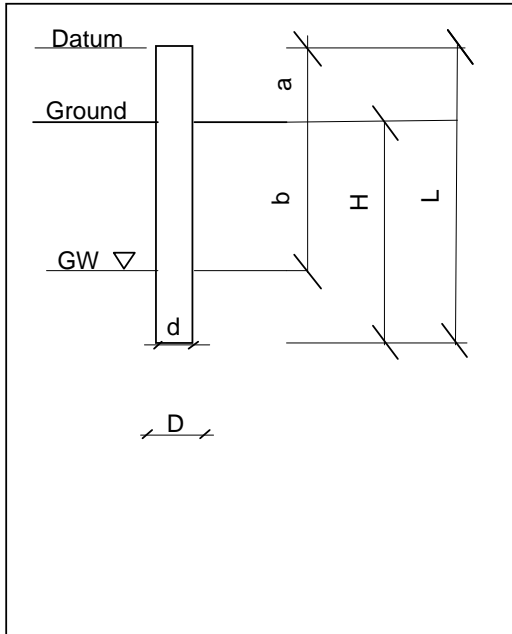


Project: Kapolei Interchange Complex  
 Phase 3  
 W.O.: 5537-50  
 Test No.: \_\_\_\_\_  
 Date of Testing: 5/21/2015  
 Method of Testing: BMP (Falling Head)  
 Source of Water: Water Container

Boring No.: B-6  
 GW level, b (from ground): NA feet  
 Datum, a (above ground): 0.20 feet  
 Depth of Boring (H): 5.00 feet  
 Length, L (from datum): 5.2 feet  
 Open Hole Length, l: 0 feet  
 Diameter of Open Hole, D: 4.5 inches  
 Diameter of Casing, d (I.D.): 4 inches

Time (HH:MM)	Elapsed Time (minutes)	Pumping Rate (gpm)	Depth to Water (measured from datum) (inches)	Percolation Rate (inches per hour)
<b>Trial 1</b>				
8:24	0		36.75	
8:48	24		36.75	
9:06	42		36.75	
9:24	60		36.75	0
<b>Trial 2</b>				
9:24	0		36.75	
9:48	24		36.8	
10:09	45		36.8	
10:24	60		36.9	0.15
<b>Trial 3</b>				
10:24	0		36.9	
10:50	26		37	
11:05	41		37	
11:24	60		37	0.1
<b>Trial 4</b>				
11:25	0		36	
11:51	26		36	
12:07	42		36.1	
12:25	60		36.1	0.1

## INFILTRATION TEST RECORD



Project: Kapolei Interchange Complex  
 Phase 3  
 W.O.: 5537-50  
 Test No.: \_\_\_\_\_  
 Date of Testing: 5/21/2015  
 Method of Testing: BMP (Falling Head)  
 Source of Water: Water Container

Boring No.: B-10  
 GW level, b (from ground): NA feet  
 Datum, a (above ground): 0.10 feet  
 Depth of Boring (H): 5.00 feet  
 Length, L (from datum): 5.1 feet  
 Open Hole Length, l: 0 feet  
 Diameter of Open Hole, D: 4.5 inches  
 Diameter of Casing, d (I.D.): 4 inches

Time (HH:MM)	Elapsed Time (minutes)	Pumping Rate (gpm)	Depth to Water (measured from datum) (inches)	Percolation Rate (inches per hour)
<b>Trial 1</b>				
8:43	0		37	
8:58	15		37.2	
9:16	33		37.3	
9:36	53		37.5	
9:43	60		37.6	0.6
<b>Trial 2</b>				
9:44	0		36.75	
9:59	15		36.9	
10:14	30		37	
10:34	50		37.2	
10:44	60		37.3	0.55
<b>Trial 3</b>				
10:45	0		36.4	
11:00	15		36.5	
11:16	31		36.7	
11:36	51		36.8	
11:45	60		37	0.60
<b>Trial 4</b>				
11:46	0		36	
12:01	15		36.2	
12:17	31		36.3	
12:36	50		36.5	
12:46	60		36.6	0.60