

Brandon To

Brenda Reyes

Meixin Zhong

Francisco Canales

Date: 10/30/21

Location: Alhambra

bucket D1: 12"

bucket D2: 10.5"

D: $(12''-10.5'')/(2) = 0.75''$

H: 40"

smallest z1:

smallest z2: 48.59

$A = z2 - z1$

$R = 180 \cdot D / (A \cdot \pi)$

Time	S	X1	$L=S+X1-D$	$\tan(z)=L/H$	$z = \text{ATAN}(L/H)$
12:06	42.0"	6"	47.25"	1.18125	49.75
12:11	41.5"	6"	46.75"	1.16875	49.45
12:16	41.0"	6"	46.25"	1.15625	49.14

12:21	41.0"	6"	46.25"	1.15625	49.14
12:26	41.0"	6"	46.25"	1.15625	49.14
12:31	40.11"	6"	45.36"	1.134	48.59
12:36	41.0"	6"	46.25"	1.15625	49.14
12:41	41.2"	6"	46.45"	1.16125	49.27
12:46	41.4"	6"	46.65"	1.16625	49.39
12:51	41.5"	6"	46.75"	1.16875	49.45
12:56	41.7"	6"	46.95"	1.17375	49.57
1:01	41.8"	6"	47.05"	1.17625	49.63
1:06	42.0"	6"	47.25"	1.18125	49.75