



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: D1399

DETAILS:

DATA: \Geonet\SNET\SRV27

Below are the results of the recent checks on the floor elevation of the tunnel extension going to the Hall D tagger area. The floor points were measured at the locations shown in the sketch, ideal values were calculated using drawings S-101, S-301 and A-101. On the slope, ideal elevations were calculated using a grade of 14.03% and the distance from the ideal top of ramp (tbl, tcl tbr). The south most points were taken along a chalk line and are compared to ideal wall location. Values are in feet.

Pt	Found			Ideal			Differences		
	E	N	EI	E	N	EI	DE	DN	DEI
bbl	5742.29	2894.94	18.81	-49.03		18.70			-0.10
bbr	5741.42	2887.60	18.72	-49.90		18.58			-0.14
bcl	5742.25	2891.66	18.78	-49.07		18.70			-0.08
1	5759.15	2887.97	21.12	-32.17	2887.98	21.07		0.01	-0.05
2	5759.27	2891.27	21.11	-32.05		21.09			-0.02
3	5759.61	2894.43	21.15	-31.71		21.13			-0.02
4	5770.24	2887.98	22.69	-21.08	2887.98	22.63		0.00	-0.06
5	5770.72	2891.26	22.69	-20.60		22.69			0.00
6	5770.90	2894.27	22.72	-20.42		22.72			0.00
7	5781.39	2887.98	24.25	-9.93	2887.98	24.19		0.00	-0.06
8	5781.51	2891.46	24.20	-9.81		24.21			
tbl	5791.73	2894.51	25.61	5791.32		25.58	-0.41		-0.02
tbr	5791.66	2888.06	25.58	5791.32	2887.98	25.58	-0.34	-0.07	0.00
tcl	5791.80	2891.50	25.60	5791.32		25.58	-0.48		-0.01
9	5796.35	2887.99	25.64		2887.98	25.58		-0.01	-0.06
10	5796.37	2891.10	25.65			25.58			-0.07
11	5796.56	2894.55	25.65			25.58			-0.06
12	5809.48	2887.97	25.61		2887.98	25.58		0.01	-0.03
13	5809.43	2891.33	25.60			25.58			-0.02
14	5809.47	2894.50	25.60			25.58			-0.02

