

DATE OCT 141962

PROSPECT

SURVEYOR BENTIKSENRODMAN SAUNDERSLINE NO. 0400PAGE 1WORKED BACKWARDS FROM B/E 0400

Δ	AZIMUTH	1/2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H.I.	ELEVATION	STATION & REMARKS
			1.0	TOP OF HUB @			0400	± 40 S		3696 ⁵²	
A			387	-4°00'	-26.94		414	-22.80	3673 ⁷²		
			290	+4°00'	+20.18		520	+14.98		3688 ⁷⁰	L-0+00 @ 395
			204	+3°00'	+10.67		307	+7.60		3681 ³²	" @ 385
			113	+1°30'	+2.96		327	-0.31		3673 ⁴¹	" @ 375
			00	00			485	-4.85		3668 ⁸⁷	" @ 365
			83	-1°00'	-14.5		130 ³	-14.48		3659 ²⁴	" @ 355
			182	-0°30'	-1.60		131 ⁹	-14.79		3658 ⁹³	" @ 345
0			263	-2°00'	-9.18		50 ⁸	-14.26		3659 ⁴⁶	" @ 335
A			260	+7°30'	+33.64		116 ⁹	+45.33	3704 ⁷⁷		
			227	-8°00'	-31.28		131 ⁴	-44.42		3660 ³⁷	" @ 335
			133	-12°00'	-27.05		132 ⁴	+0.29		3664 ⁵⁰	" @ 325
			32	00			95 ⁴	-9.54		3695 ²⁵	" @ 315
			00	00			510	-5.10		3699 ⁶⁹	
			62	00			323	-3.23		3701 ⁵⁶	" @ 305
			161	00			333	-3.33		3701 ⁴⁶	" @ 295
			255	+0°30'	+2.24		06 ⁵	+1.5'9		3706 ³⁸	" @ 285



020735

100-507 JOHN US

Elevation Notes
F-6

WORKED BACKWARDS FROM B/LEO 100

Δ O	AZIMUTH	1/2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3704 ⁷⁹		
			356	+3°30'	+21.35		8 ⁰⁵	+13.30		3718 ⁰⁹	L-0100 @ 275
			440	+3°30'	+26.84		7 ¹⁷	+19.67		3724 ⁴⁶	" @ 265
D			537	+4°30'	+41.99		4 ⁹⁰	+37.09		3741 ⁸⁸	" @ 255
Δ		2 ⁶³	526	+6°00'	+54.70		6 ⁹⁸	+61.68	3803 ⁵⁶		
			426	-6°00'	-44.30	B	5 ⁵⁷	-52.10		3751 ⁴⁶	" @ 245
			323	-5°20'	-30.81		12 ⁴²	-43.23		3760 ³³	" @ 235
			226	-5°00'	-19.62		12 ⁷²	-32.34		3771 ²²	" @ 225
			146	-4°00'	-10.16	B	12 ⁸⁶	-23.65		3779 ⁸¹	" @ 215
			23	00			8 ¹⁰	-8.10		3795 ⁴⁶	" @ 205
			00	00			5 ¹⁰	-5.10		3798 ⁴⁶	L-179°38 FROM S.T.O H.
			76	+2°30'	+3.31		2 ⁵⁸	+0.73		3804 ²⁹	" @ 195
			156	+3°30'	+9.52		2 ⁵⁰	+7.02		3810 ⁵⁸	" @ 185
			238	+4°00'	+16.56		4 ³¹	+12.25		3815 ⁸¹	" @ 175
			330	+4°00'	+22.97		2 ²⁷	+20.70		3824 ²⁶	" @ 165
			424	+5°00'	+36.80		3 ³⁷	+32.83		3836 ³⁹	" @ 155
D			518	+5°30'	+49.42		6 ⁸⁷	+42.55		3848 ¹¹	" @ 145
Δ		2 ⁴⁴	488	+6°00'	+50.75		11 ⁷⁰	+62.45	3908 ⁵⁸		



WORKED BACKWARDS FROM B/L 0400 BOTTOM OF PAGE

Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3908 ⁵⁶		
			388	-6°00'	-40.35		12 ²²	-52.57		3855 ⁹⁹	L-0400 F135
			307	-5°00'	-26.65		11 ⁰⁹	-37.74		3870 ⁸²	" F125
			209	-5°00'	-18.14		7 ⁷⁷	-25.91		3882 ⁶⁵	" F115
			123	-1°30'	-3.22		13 ³⁶	-76.58		3891 ⁹⁸	" F105
			32	00			9 ⁷⁵	-9.75		3898 ⁸¹	" F95
			00	00			5 ¹⁶	-5.10		3903 ⁴⁶	
			73	+5°30'	+6.96		2 ⁰⁵	+4.91		3903 ⁴⁷	" F85
			152	+6°00'	+15.81		2 ⁵³	+13.28		3921 ⁸⁴	" F75
			240	+6°30'	+27.00		4 ⁵⁶	+22.44		3931 ⁰⁰	" F65
			349	+6°30'	+39.26		2 ¹⁵	+37.11		3943 ⁶⁷	" F55
o			442	+7°00'	+53.48		6 ⁴⁰	+47.08		3955 ⁶⁴	" F45
Δ			186	+4°00'	+12.95		11 ⁸⁰	+24.75	3988 ³⁹		
			96	00			11 ⁶¹	-11.61		3968 ⁷⁸	" F35
			00	00			5 ¹⁰	-5.10		3978 ²⁹	" F25
			102	+5°30'	+9.73		2 ⁷¹	+7.02		3987 ⁴¹	" F15
o			208	+6°00'	+21.63		2 ⁰²	+19.61		4000 ⁰⁶	" B/L TOP OF 3/4" BAR
				L-267°30' W TO S							

ASSUMED ELEV = 4000⁰⁰ GIVEN BY

A. MANUEL (11-1-66)

Δ	AZIMUTH	1/2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
										4000 ⁰⁰	
Δ			400	+1°00'	+7.00		11 ⁹⁷	+18.97	4018 ⁹⁷		1.
			303	-1°00'	-5.30		8 ⁶⁵	-13.95		4005 ⁰²	B/L 1W
			213	00			10 ⁵¹	-10.51		4008 ⁴⁶	" 2W
			117	00			9 ³⁷	-9.37		4009 ⁶⁰	" 3W
			00	00			4 ¹⁹	-4.19		4014 ⁷⁸	" 4W TOP OF HUB
			100	+1°00'	+1.75		2 ²¹	-0.56		4018 ⁴¹	" 5W
			195	+1°30'	+5.11		3 ⁵⁴	+7.57		4020 ⁵⁴	" 6W
			267	+1°30'	+7.00		6 ⁶⁰	+0.40		4019 ³⁷	" 7W
o			400	+1°30'	+10.48		6 ⁷⁸	+4.19		4023 ¹⁶	" 8W TOP OF HUB
Δ			400	+1°00'	+7.00		9 ⁹⁹	+16.99	4040 ¹⁵		
			300	-1°00'	-5.25		13 ³⁰	-18.55		4021 ⁶⁰	" 9W
			189	-1°00'	-3.31	B	12 ⁹⁸	-17.24		4022 ⁹¹	" 10W
			102	00			10 ¹⁵	-10.15		4030 ⁰⁰	" 11W
			00	00			3 ⁶⁷	-3.67		4036 ⁴⁸	" 12W
			93	+1°00'	+7.63		2 ⁵⁹	+0.96		4039 ¹⁹	" 13W
			188	+4°30'	+14.70		2 ⁵⁵	+1.75		4051 ⁹⁰	" 14W
			284	+7°00'	+34.36		5 ⁸⁹	+28.47		4068 ⁶²	" 15W



Δ O	AZIMUTH	1/2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS		
									4040 ¹⁵				
o			402	+7°0'	+48.64		4 ⁵⁷	+14.07		4084 ²²	B/L & 16W		
13			402	-7°00	-48.64		4 ⁵⁷	-44.07	4040 ¹⁵				
o			400	-1°00	-7.00		10 ⁰⁰	-17.00		4023 ¹⁵			
				L = 26°57' @ 3/4 P 8W FROM W TO S.									
Δ		147	234	-8°00	-40.51		8 ³³	-31.58	3991 ⁵⁷				
			200	+8°00	+27.56		4 ⁵¹	+23.05		4014 ⁶²	L-8W @ 13		
			91	+7°30'	+11.98		16 ⁷	+10.09		4001 ⁶⁶	" @ 25		
			00	00			4 ⁸⁸	-4.88		3986 ⁶⁹	" @ 35		
			91	-2°30'	-3.97		12 ⁶³	-16.60		3974 ⁹⁷	" @ 45		
B			190	-3°00	-9.94		12 ⁷⁶	-22.70		3968 ⁸⁹	" @ 55		
Δ			202	-3°30'	-12.32		7 ⁰³	-5.29	3963 ⁵⁸		11 @ 65		
			102	+3°30'	+6.22		3 ⁶²	+2.60		3966 ¹⁸	" @ 65		
			17	00			1 ¹²	-1.12		3962 ⁴⁶	" @ 75		
			00	00			5 ¹⁰	-5.10		3958 ⁴⁸			
			73	-7°30'	-9.45		12 ⁷⁵	-22.20		3941 ³⁸	" @ 85		
o			149	-7°00'	-18.03		12 ¹⁴	-30.17		3933 ⁴¹	" @ 95		
o			172	-1°00'	-3.01		4 ⁸⁹	+1.88	3935 ²⁹				



Δ	AZIMUTH	1/2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3935 ²⁹		
			85	+1°00'	+1.49		47 ^c	-3.27		3932 ⁰²	L-BWE 105
			00	00			47 ^d	-4.74		3930 ⁵⁵	" E 115
			80	-2°30'	-3.49		13 ⁰⁺	-26.53		3918 ⁷⁶	" E 125
			160	-2°30'	-6.98		12 ⁴⁵	-19.43		3915 ⁸⁶	" E 135
0			264	-5°50'	-25.19	B	6 ⁵⁷	-33.08		3902 ²¹	" E 145
Δ	2 ²⁰		440	-3°00'	-23.01	U	1 ⁹⁸	-23.23	3878 ⁹⁸		
			354	+3°00'	+18.52	U	17 ³	+18.56		3887 ⁵⁴	" E 155
			269	+2°30'	+11.73		13 ⁶	+10.37		3889 ³⁵	" E 165
			180	+1°30'	+4.72		2 ⁸³	+1.89		3880 ⁸⁷	" E 175
			95	00			3 ⁴⁵	-3.45		3875 ⁵³	" E 185
			00	00			4 ⁷⁷	-4.77		3874 ²¹	" E 195
			86	00			11 ⁹⁸	-11.98		3867 ⁰⁰	" E 205
			175	-2°30'	-2.63		13 ⁰⁰	-20.63		3858 ³⁵	" E 215
0			267	-4°30'	-20.88	B	5 ⁰³	-27.25		3851 ⁷³	" E 225
Δ			308	-5°00'	-26.73		3 ⁷³	-23.00	3828 ⁷³		
			214	+5°00'	+18.58		3 ⁶³	+14.95		3843 ⁶⁸	" E 235
			129	+5°00'	+11.20		6 ²⁰	+5.00		3833 ⁷³	" E 245



Δ O	AZIMUTH	1/2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3828 ⁷³		
			36	+4°30'	+2.82		2 ⁴¹	+0.41		3829 ¹⁴	L. BWP 255
			00	00			5 ¹⁰	-5.10		3823 ⁶³	
		0 ³⁴	68	00			11 ¹⁰	-11.10		3817 ⁶³	" P 265
O			145	-2°30'	-6.32	B	11 ⁷⁴	-18.79		3809 ⁹⁴	" P 275
B			$\angle = 180°20'$								11 P 285
A			245	-1°30'	-6.42		9 ⁷²	+3.30	3813 ²⁴		
			151	+1°30'	+3.96	"	4 ⁷⁷	-0.05		3813 ¹⁹	" P 285
			66	+1°30'	+1.73		18 ¹	-0.08		3813 ¹⁶	" P 295
			00	00			5 ¹⁰	-5.10		3808 ¹⁴	
			29	00			8 ⁴⁶	-8.46		3804 ⁷⁸	" P 305
			117	-1°30'	-3.07		12 ⁷⁸	+15.85		3797 ³⁹	" P 315
			213	-3°04'	-11.14		13 ⁰⁴	-24.18		3789 ⁰⁶	" P 325
O			307	-5°00'	-26.65		7 ⁷⁰	-34.35		3778 ⁸⁹	" P 335
A			460	-3°30'	-24.40	B	2 ⁶⁷	-19.73	3759 ¹⁶		
			326	+2°00'	+11.38		5 ⁷⁵	+5.63		3764 ⁷⁹	" P 345
			242	+1°30'	+6.34		3 ⁰¹	+3.33		3762 ⁴⁹	" P 355
			159	00			2 ⁴⁰	-2.40		3756 ⁷⁶	" P 365



Δ \circ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3759 ¹⁶		
			84	00			6 ²²	-6.22		3752 ⁹⁴	L-8W & 375
			00	00			4 ⁰¹	-4.81		3754 ³⁵	" & 385
			44	00			6 ⁷⁹	-6.79		3752 ³⁹	" & 395
			103	00			11 ⁴⁰	-11.40		3747 ⁷⁶	" & 405 TOP OF HUB
			273	+3°00'	+42.18		10 ⁶⁷	+31.51		3790 ⁶⁷	T.B. 11 TO WEST TOP OF HUB
\bar{O}			166	-6°30'	-18.68		8 ²⁸	-26.96		3732 ²⁰	
Δ			607	-6°00'	-63.13		4 ⁷⁰	-58.43	3673 ⁷⁷		
O			00	00			4 ⁷⁸	-4.78		3668 ⁹⁹	LINE # 0400 & 365
											Ref. P. 1, L. 7
											Elev. 3668 ⁸⁷





Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3884 ⁵⁹		
			88	00		B	6 ¹⁴	-6.58		3878 ⁰¹	L-16W P 295
			00	00			4 ⁴⁶	-4.46		3880 ¹⁸	" P 285
			96	00			4 ²⁷	-4.29		3880 ³⁰	" P 275
			196	+0°30'	+1.72		5 ⁰⁷	-3.35'		3881 ²⁴	" P 265
			277	+1°00'	+5.23		5 ⁸¹	-0.58		3884 ⁰¹	" P 255
			392	+1°00'	+6.86		7 ²⁷	-0.41		3884 ¹⁸	" P 245
o	245		430	+1°00'	+8.58		4 ⁶³	+3.95		3888 ⁵⁴	" P 235
Δ			292	+2°30'	+12.73		5 ¹⁹	+17.92	3906 ⁴⁶		
			187	-1°00'	-3.27		11 ⁴⁷	+4.74		3891 ⁷²	" P 225
			90	00		B	9 ⁵¹	-9.96		3896 ⁵⁸	" P 215
			00	00			4 ⁵⁶	-4.56		3901 ⁹⁰	" P 205
			94	+2°30'	+4.10		17 ²²	+2.98		3908 ⁶⁴	" P 195
	090		180	+3°30'	+10.88		2 ²⁶	+8.72		3915 ⁷⁸	" P 185
o	146		292	+4°00'	+20.32	B	3 ²⁶	+15.60		3922 ⁰⁶	" P 175
D	156		312	+7°00'	+37.75		5 ⁸⁵	+43.60	3965 ⁶⁶		
			236	-1°00'	-23.92		12 ⁸⁰	-36.72		3928 ⁹⁴	" P 165
			136	-5°00'	-11.80		12 ⁷⁰	-24.50		3941 ¹⁶	" P 155

100-1000-1000-1000

Δ	AZIMUTH	1/2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3965 ⁶⁶		
			41	00			10 ⁵⁹	-10.59		3955 ⁰⁷	L. 16 S 14 S
			00	00			5 ¹⁰	-5.10		3960 ⁵⁶	
			52	+3°30'	+3.17		14 ¹	+1.76		3967 ⁴²	" E 13 S
			141	+4°00'	+9.81		2 ⁵⁶	+7.25		3972 ⁹¹	" E 12 S
6			240	+4°30'	+18.77		10 ²³	+8.54		3974 ²⁰	" E 11 S
Δ			383	+2°00'	+13.37		10 ⁰⁰	+23.37	3997 ⁵¹		
			288	-1°30'	-7.55		13 ²⁶	-20.81		3976 ⁷⁶	" E 10 S
			179	-2°00'	-6.95		12 ⁶³	+9.58		3977 ⁹⁹	" E 9 S
			105	00			10 ⁸¹	-10.81		3986 ⁷⁶	" E 8 S
			04	00			4 ⁸²	-4.82		3992 ⁷⁵	" E 7 S
			91	+3°30'	+5.55		2 ¹⁷	+3.38		4000 ⁹⁵	" E 6 S * 6 MISSED OUT LINE NOS.
			177	+5°00'	+15.36		2 ⁰⁵	+13.31		4010 ⁸⁸	" E 5 S
			270	+5°30'	+23.76		2 ⁵²	+23.24		4020 ⁸¹	" E 4 S
0		183	366	+7°00'	+44.29		3 ⁸⁸	+40.41		4037 ⁹⁸	" E 3 S
Δ			194	+11°30'	+37.91		13 ²⁸	+51.19	4089 ¹⁷		
			100	-9°00'	-15.45		13 ¹⁸	-28.63		4060 ⁵⁴	" E 1 S
0			00				4 ³³	-4.33		4084 ⁸⁴	16W E B/L REFS. L. 2 ELEV.





Δ	○	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
											4171 ⁴²	
A				383	+7°00'	+46.34		13 ⁰⁰	-59.34	4230 ⁷⁷		
				258	-9°00'	-39.86		13 ¹⁹	-53.05		4177 ⁷²	B/L 231W
				143	-9°30'	-24.26		12 ⁵⁷	-36.83		4193 ⁹⁴	B/L 32W TOP OF 3/4" BAR
				50	00			12 ²⁴	-12.24		4218 ⁵³	B/L 33W
				00	00			5 ¹⁰	-5.10		4225 ⁶⁷	
				55	00			12 ¹	-1.21		4229 ⁸⁶	B/L 34W
				151	+2°30'	+6.58		3 ⁸¹	+2.77		4233 ⁵⁴	B/L 35W
o				251	+2°30'	+10.94		4 ³⁰	+6.64		4237 ⁴¹	B/L 36W TOP OF HUB
D				400	+2°00'	+12.96		7 ⁸³	+21.79	4259 ²⁰		
				295	-1°00'	-5.16		11 ⁴¹	-16.57		4242 ⁶³	B/L 37W
				190	00			12 ¹²	-12.12		4247 ⁰⁸	B/L 38W
				107	00			8 ¹⁰	-8.10		4251 ¹⁰	" 39W
				00	00			3 ⁵⁵	-3.55		4255 ⁶⁵	" 40W TOP OF HUB
o				110	+5°00'	+9.55		16 ³	+7.92		4267 ¹²	" 41W " " "

100-1011 (REV. 6/64)

Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
			T. 0	TOP	CF HUB		B/L P 42W			4267.12	REF. 7.13. L. 15 ²⁶
											Ref. 7.13. L. 15 Elev. = 4267.12
A			230	+1°30'	+7.60		12 ⁵³	+20.13	4287 ²⁵		
			194	-1°30'	-5.08		11 ⁹⁶	-17.04		4270 ²¹	B/L 42W
			102	-1°00'	-1.79		10 ³²	-12.11		4275 ¹⁴	" 43W
			00	00			4 ⁵⁰	-4.50		4282 ⁷⁵	" 44W TOPO F 170B
			94	+4°00'	+6.54		3 ²⁵	+3.29		4290 ⁵⁴	" 45W
			223	+4°30'	+17.44		3 ²⁸	+14.16		4301 ⁴¹	" 46W
			318	+4°30'	+24.87		5 ⁰⁰	+19.87		4307 ¹²	" 47W
0		2°	400	+4°30'	+31.28		5 ⁷⁸	+25.50		4312 ⁷⁵	" 48W TOPO F 170B
A			405	+6°00'	+42.12		12 ⁶⁶	+54.78	4367 ⁵³		
			295	-8°00'	-40.65		11 ⁹⁸	-52.63		4314 ⁹⁰	" 49W
			195	-10°30'	-34.94		12 ¹¹	-47.05		4320 ⁴⁸	" 50W
			94	-10°30'	-16.84		13 ⁰⁴	-29.88		4337 ⁶⁵	" 51W
			00	00			4 ⁵⁷	-4.57		4362 ⁹⁶	" 52W
			103	+10°00'	+17.61		3 ²²	+14.39		4387 ⁷²	" 53W
			220	+12°30'	+46.49		3 ³⁸	+43.11		4410 ⁶⁴	" 54W



Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4367 ⁵³		
Δ			308	+13 ⁰⁰ '	+67.51		5 ²⁷	+62.24		4429 ⁷¹	B/L 55W
Δ			345	+3 ⁰⁰ '	+18.04		11 ⁵¹	+29.55	4459 ³²		B/L 56W
			238	-3 ⁰⁰ '	+124.5		12 ³⁰	-24.75		4434 ⁵⁷	B/L 56W TOP OF HILL
			132	-1 ³⁰ '	-3.46		12 ³⁴	-15.80		4443 ⁵²	B/L 57W
			39	00			7 ¹⁷	-7.17		4452 ¹⁵	B/L 58W
			00	00			5 ¹⁰	-5.10		4454 ²²	
			59	00			4 ⁷⁶	-4.76		4454 ⁵⁶	B/L 59W
			158	+1 ³⁰ '	+4.14		2 ⁸²	+1.32		4460 ⁶⁴	B/L 60W TOP OF HILL
		12 ³	258	+2 ⁰⁰ '	+9.00		3 ⁷⁶	+5.24		4464 ⁵⁶	B/L 61W
		18 ⁴	368	+2 ⁰⁰ '	+12.84		3 ¹⁵	+9.69		4469 ⁰¹	B/L 62W
Δ		22 ⁷	454	+2 ³⁰ '	+19.79		10 ³⁷	+9.42		4468 ⁷⁴	B/L 63W
Δ			167	00		B	12 ⁵⁸	+13.42	4482 ¹⁶		
			64	-1 ⁰⁰ '	-1.12		13 ¹⁴	-14.26		4467 ⁹⁰	B/L 64W TOP OF HILL
			00	00			5 ¹⁰	-5.10		4477 ⁰⁶	
			41	00			10 ⁴⁴	-10.44		4471 ⁷²	B/L 65W
			166	-0 ³⁰ '	-1.46		12 ¹²	-13.58		4468 ⁵⁸	B/L 66W
			239	-2 ⁰⁰ '	-8.34		11 ⁴³	-19.83		4462 ³³	B/L 67W



Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
				$L = 109^{\circ} 53'$	$\pm 269^{\circ} 53'$						Ref. P. 15, L-4
				T.O. TOP OF HUB (a)	B/l	E	6W			4434 ⁵⁷	Elev. = 4434 ⁵⁷
Δ			00	00			3 ¹⁷	+3.17	4437 ⁷⁴		
			150	+13 ⁰⁰	+32.88		3 ⁶⁴	+29.24		4466 ⁹⁸	L-56W 111
			190	+13 ⁰⁰	+41.65		5 ⁸⁶	+35.79		4473 ⁵³	" 211
			282	+13 ⁰⁰	+61.81		5 ²⁷	+56.57		4494 ³¹	" 311
			362	+13 ⁰⁰	+79.35		7 ⁵²	+71.83		4509 ⁵⁷	" 411
•			450	+13 ³⁰	+102.15		3 ⁹⁰	+98.75		4536 ⁴⁹	" 511
Δ			450	-13 ³⁰	-102.15		3 ⁹⁰	+98.75	4437 ⁷⁴		
0			00	00			3 ¹⁸	-3.18		4434 ⁵⁶	



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△ ^o	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
				$L = 89^{\circ}49'$	$S = 269^{\circ}49'$		21				Ref. P. 13, L-74
							40W			4255 ⁶⁵	Ele. = 4255 ⁶⁵
△			120	+3 ⁰⁰	+6.28		12 ⁹⁶	+19.24	4274 ⁸⁹		
			34	00			7 ⁹³	-7.43		4267 ⁴⁶	L-40W E 1H
			08	00			5 ¹⁰	-5.10		4269 ⁷⁹	
			56	+8 ⁰⁰	+7.72		1 ⁹⁹	+6.33		4281 ¹²	" 2H
o			160	+16 ³⁰	+43.57		5 ⁸⁰	+37.77		4312 ⁶⁶	" 3H
△			251	+12 ²⁰	+53.04		12 ¹⁶	+65.20	4377 ⁸⁶		
			152	-16 ³⁰	-27.24		12 ⁷⁵	-39.99		4337 ⁸⁷	" 4H
			33	00			12 ²⁴	-12.24		4365 ⁶²	" 5H
			00	00			5 ¹⁰	-5.10		4372 ⁷⁶	
			83	+8 ⁰⁰	+11.44		2 ³³	+9.11		4386 ⁹⁷	" 6H
			210	+10 ³⁰	+37.63		2 ⁷⁸	+34.85		4412 ⁷¹	" 7H
			303	+11 ⁰⁰	+56.75		5 ⁸³	+50.92		4428 ⁷⁸	" 8H
o			400	+11 ⁰⁰	+74.92		3 ⁴³	+71.49		4449 ³⁵	" 9H
△			309	+13 ⁰⁰	+67.73		12 ¹⁰	+80.49	4529 ⁸⁴		
			224	-12 ⁰⁰	-45.56		12 ⁷²	-58.28		4471 ⁵⁶	" 10H
			120	-11 ³⁰	-23.45		12 ³⁴	-35.79		4494 ⁰⁵	" 11H



Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
				L. 91°46'	(6)		B/L @ 72W				
			T.O				B/L @ 72W	G.L.			Ref. P. 16, L-7
										4432 ⁶²	Elev. = 4432 ⁶²
Δ			393	-2°30'	-17.13		3 ²²	-13.91	4418 ⁷¹		
			287	+1°00'	+5.02		2 ⁰⁷	+2.95		4421 ⁸⁶	@ 72W # 15
			197	-2°00'	-6.88		12 ⁷⁵	-19.83		4398 ⁸⁸	25
			167	00			6 ⁵⁵	-6.55		4412 ¹⁶	35
			60	00			4 ⁷⁹	-4.79		4413 ⁹²	45
			106	-6°30'	-11.93		11 ³⁷	-23.30		4395 ⁴¹	55
			204	-7°30'	-26.40		11 ⁸⁷	-38.27		4380 ⁴⁴	65
			302	-8°30'	-44.15		12 ⁸⁷	-57.02		4469 ⁶⁹	75
0			412	-8°30'	-60.23		13 ¹³	-73.36		4345 ³⁵	85
Δ			325	-9°30'	-52.91		7 ⁵⁰	-45.41	4299 ⁹⁴		
			219	+9°30'	+35.65		4 ⁸²	+30.77		4330 ⁷¹	95
			99	+9°30'	+16.12		2 ⁵¹	+13.61		4313 ⁵⁵	105
			00	00			4 ⁶⁸	-4.68		4295 ²⁸	115
			83	-7°30'	-10.74		13 ³⁵	-24.09		4275 ⁵⁵	125
			181	-8°30'	-26.46	B	12 ⁵⁹	-39.97		4259 ⁹⁷	135



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Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4299 ⁴⁴		
			287	-8°30'	-41.96		11 ³⁸	53.34		4246 ⁶⁰	L. 72 W E 145
o			383	-8°00'	-52.78		11 ⁵⁷	-6.435		4235 ⁵⁹	L. 72 W E 155
A			234	-8°30'	-42.98		7°3	-35.95	4199 ⁶⁴		
			125	+8°30'	+28.51		3 ⁵⁵	-24.96		4224 ⁶⁶	11 S 165
			86	+4°30'	+6.73		13 ⁴	+4.79		4204 ⁴³	17 S
			110	00			4 ⁷⁷	-4.77		4194 ⁸⁷	18 S
			82	-4°00'	-5.71	B	13°3	-19.15		4180 ⁴⁹	19 S
			177	-4°30'	-13.84		12 ⁴⁴	-26.28		4173 ³⁶	20 S
			274	-4°30'	-21.43		10 ⁷⁵	-32.18		4167 ⁴⁶	21 S
o			370	-4°30'	-28.93		8 ³³	-37.26		4162 ³⁸	22 S
D			371	-7°30'	-48.01		9 ⁹⁶	-38.05	4124 ³³		
			280	+7°30'	+36.23		7 ¹⁷	+29.06		4153 ³⁹	23 S
			184	+7°30'	+23.81		4 ⁸²	+8.99		4143 ³²	24 S
			91	+4°00'	+6.33		16 ⁴	+4.69		4129 ⁰²	25 S
			00	00			4 ⁷⁹	-4.75		4119 ⁵⁸	26 S
			97	-3°00'	-5.07		12 ¹⁰	-17.77		4106 ⁵⁶	27 S
		A ⁹⁵	190	-6°30'	-21.38		13 ¹³	-34.57		4089 ⁷⁶	28 S ENA



Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4124 ³³		
0		0 ³⁰	196	00		B	12 ⁸¹	-13.79		4110 ⁵⁴	
Δ			282	-5°30'	-26.90		11 ⁶²	-15.28	4095 ²⁶		
0			365	-2°30'	-15.91		11 ²⁷	-27.18		4068 ⁰⁸	
Δ		2 ³⁰	460	+3°30'	+29.28	U	12 ⁶²	+39.50	4107 ⁵⁸		
			00	00			5 ²⁰	-5.20		4102 ³⁸	L-640 30 S
			160	-6°00'	-10.40		12 ⁶⁰	-23.60		4084 ⁵⁴	" 31 S
			192	-7°30'	-24.84		12 ³⁵	-37.19		4070 ³⁹	32 S
			299	-7°30'	-38.69		13 ¹²	-51.81		4055 ⁷⁷	33 S
			395	-7°30'	-51.11		12 ⁴²	-63.53		4044 ⁰⁵	34 S
		2 ⁵²	504	-7°30'	-65.22	B	11 ¹⁰	-78.84		4028 ⁷⁴	35 S
		2 ³³	586	-7°30'	-75.83	B	11 ⁷⁵	-90.51		4017 ⁰⁷	36 S
		2 ³⁶	672	-7°30'	-86.96	B	11 ³⁰	-101.62		4005 ⁹⁶	37 S
		3 ¹⁵	770	-7°30'	-99.64		13 ³⁵	+112.89		3994 ⁶⁹	38 S
			106	00			7 ⁵²	-7.52		4100 ⁰⁶	39 S
0			211	+4°30'	+16.50		3 ³⁰	+13.20		4120 ⁷⁸	28 S
Δ			233	+2°00'	+8.13		9 ⁰⁸	-17.21	4137 ⁹⁹		27 S
			133	-3°30'	-8.11		17 ⁷⁴	-20.85		4117 ¹⁴	27 S



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Δ O	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4137 ⁹⁹		
			35	190			9 ⁴⁵	-9.45		4128 ⁵⁴	L. 644 & 265
			00	00			5 ¹⁰	-5.10		4132 ⁸⁹	
			52	+6°00'	+5.41		1 ⁵⁶	+3.85		4141 ⁸⁴	" & 255
			145	+7°00'	+17.55		5 ⁶²	+11.93		4149 ⁴²	" & 245
			240	+7°00'	+29.04		8 ⁷⁴	+20.30		4158 ²⁹	" & 235
O			343	+9°30'	+55.84		1 ⁵⁶	+3.88		4191 ⁸⁷	" & 225
A			370	+7°30'	+17.00		12 ⁸⁰	+29.80	4221 ⁶⁷		
		1 ⁴⁵	230	-4°00'	-20.18		12 ³⁹	-32.52		4189 ¹⁵	" & 215
			190	-4°30'	-14.86		12 ⁹⁸	-27.84		4193 ⁸³	" & 205
			93	00			11 ⁴⁰	-11.40		4210 ²⁷	" & 195
			00	00			5 ⁰²	-5.02		4216 ⁶⁵	" & 186
			102	+2°30'	+4.45		2 ⁰⁰	+2.45		4224 ¹²	" & 175
			200	+3°30'	+12.20	U	4 ¹⁶	+9.04		4230 ⁷¹	" & 165
			292	+6°00'	+30.37		0 ⁷⁶	+29.61		4251 ²⁸	" & 155
			397	+7°00'	+48.04		8 ¹¹	+39.93		4261 ⁶⁰	" & 145
			500	+7°00'	+60.50		4 ⁷²	-55.78		4277 ⁹⁵	" & 135
O			603	+7°00'	+72.96		2 ⁶⁰	+20.36		4292 ⁰³	" & 125



Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
										4292 ⁰³	
Δ			541	+7°30'	+70.01		12 ⁸⁴	+82.85	4374 ⁸⁸		
			407	-8°30'	-59.50		11 ⁶³	-71.13		4303 ⁷⁵	L 644 r 11 S
			366	-8°30'	-53.51		11 ²²	-64.73		4310 ¹⁵	10 S
			266	-8°00'	-36.65		9 ⁵⁵	-46.20		4328 ⁶⁸	7 S
			166	-8°00'	-22.87		9 ⁵⁵	-32.82		4342 ⁰⁶	9 S
			65	-1°00'	-7.87		9 ²³	-17.08		4357 ⁸⁰	7 S
			00	00			490	-4.90		4369 ⁹⁸	6 S
			97	+4°00'	+6.75		3 ⁸¹	+2.94		4377 ⁸²	5 S
			186	+6°00'	+19.34		3 ⁶²	+15.72		4390 ⁶⁰	4 S
			293	+7°30'	+37.91		4 ⁵⁷	+33.34		4408 ²²	3 S
0			400	+8°00'	+55.12		12 ⁷¹	+53.85		4428 ⁷³	2 S
Δ			206	+8°00'	+28.39	B	11 ⁸⁶	+41.28	4470 ⁰¹		
			119	-6°30'	-13.39		12 ⁴⁹	-25.88		4444 ¹³	1 S
0			00	00			344	-3.44		4466 ⁵¹	B/C r 644
				L = 87°07'				FROM EAST			



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Δ	◦	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
											4434 ⁵⁷	Ref. P. 15 L-4 Elev. = 4434 ⁵⁷
Δ			2 ⁵²	504	-15°00'	-126.00		9 ¹³	-116.87	4317 ⁷⁰		
			2 ⁰⁰	400	+14°30'	+96.96		12 ³⁷	+84.59		4402 ²⁹	L-56W @ 15
				300	+12°30'	+63.39		6 ⁰⁶	+57.33		4375 ⁰³	25
				206	+10°30'	+36.92		6 ⁸⁸	+30.04		4347 ⁷⁴	35
				107	+8°30'	+15.64		4 ⁸³	-10.81		4328 ⁵¹	45
				00	00			4 ³³	-4.33		4313 ³⁷	55
				90	-1°00'	-15.58		12 ⁷⁵	-14.33		4303 ³⁷	65
0			0 ⁸⁷	174	-6°30'	-19.58	U	7 ⁹⁵	-26.66		4291 ⁰⁴	75
Δ				196	-5°00'	-17.01		8 ⁷¹	-8.30	4282 ⁷⁴		
				100	+4°00'	+6.96		2 ⁹²	+4.04		4286 ⁷⁸	85
				00	00			4 ⁰³	-4.03		4278 ⁷¹	95
0				81	00			13 ⁰⁹	-13.09		4269 ⁶⁵	105
Δ				141	00			12 ²⁹	+1.29	4270 ⁹⁴		115
				61	00			3 ⁹⁰	-3.90		4267 ⁰⁴	115
				00	00			5 ¹⁰	-5.10		4265 ⁸⁴	
				29	00		B	9 ⁸³	-10.00		4260 ⁹⁴	125
				117	-4°30'	-9.15		10 ⁵⁷	-19.72		4251 ²²	135



Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4270 ⁹⁴		
0		1 ⁰²	204	-0°30'	-1.80		13 ³⁸	-15.16		4255 ⁷⁸	1.5118125
12			370	-4°00'	-25.75		4 ⁴²	-21.33	4234 ⁴⁵		
			280	+3°00'	+14.64		5 ⁴⁵	+9.19		4243 ⁶⁴	11.8155
			188	00			353	-3.53		4230 ⁹²	105
			74	00			377	-3.99		4230 ⁴⁸	175
			00	00			454	-4.54		4229 ⁹¹	185
			82	-3°30'	-13.35		13 ¹¹	-26.46		4207 ⁹⁹	195
			192	-2°00'	-6.70		12 ⁶⁷	+9.39		4215 ⁰⁶	205
0			253	-2°30'	-11.03		12 ⁶⁵	-23.68		4210 ⁷⁷	215
15			290	-8°00'	-39.96		484	-35.12	4175 ⁶⁵		
			194	+6°00'	+20.18		6 ⁴⁸	+13.70		4189 ³⁵	225
			94	+6°00'	+9.78		7 ⁶⁹	+2.09		4177 ⁷⁴	235
			00	00			5 ⁰⁶	-5.06		4170 ⁵⁹	245
			96	-2°00'	-3.35		13 ⁰⁹	-16.44		4159 ²¹	255
			182	-5°30'	-15.80		13 ¹⁵	-28.95		4146 ⁷⁰	265
			280	-7°00'	-33.88		13 ¹⁰	-46.98		4128 ⁶⁷	275
0			362	-4°30'	-28.31	B	11 ¹⁵	-41.27		4134 ³⁸	285



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Δ ₀	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H.I.	ELEVATION	STATION & REMARKS
										4134 ²⁸	
Δ			216	-7°36'	-27.95'		3 ⁴⁸	-24.47	4109 ⁹¹		
			137	+8°00'	+18.88		11 ⁷²	+7.16		4117 ⁰⁷	L 564 E 23 S
			47	00		B	7 ⁵⁵	-7.79		4102 ¹²	" E 30 S
			00	00			5 ¹⁰	-5.10		4104 ⁸¹	35
0			46	00		B	7 ³¹	-7.54		4102 ⁸⁷	35
1			329	-7°06'	-39.81		5 ⁰³	-34.78	4067 ⁵⁹		
			223	+2°30'	+9.72		3 ²²	+6.50		4074 ⁰⁹	32 S
			155	00			4 ⁴⁵	-4.45		4063 ¹⁴	33 S
			73	-1°00'	-1.28		13 ⁰⁸	-14.36		4053 ²³	34 S
			00	00			5 ¹⁰	-5.10		4062 ⁴⁹	
			24	00			8 ³⁹	-8.39		4059 ²⁰	35 S
			107	-10°00'	-18.30		12 ⁷⁸	-31.08		4036 ⁵¹	36 S
			198	-5°30'	-18.89		13 ²²	-32.11		4035 ⁴⁸	37 S
			300	-6°00'	-31.20		13 ⁰⁹	-44.29		4023 ³⁰	38 S
			394	-6°00'	-40.98		12 ¹⁸	-53.16		4014 ⁴³	39 S
	2°0		480	-7°05'	-58.08	U	13 ³³	-69.01		3998 ⁵⁸	40 S
0	2°0		480	-1°00'	-8.40	0	10 ⁰³	-20.83		4046 ⁷⁶	

REF. TO 100' SCALE USE

Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
										404 ⁷⁶	
Δ			272	-5°00'	-23.61		1 ⁵¹	-17.10	4029 ⁶⁶		
			60	-3°00'	-3.14		12 ²³	+6.07		4013 ⁵⁹	L-48W S 37 S
			152	-4°00'	-10.58		11 ³⁶	-21.94		4007 ⁷²	35 S
			222	-5°00'	-19.27		6 ⁷³	-26.00		4003 ⁶⁶	36 S
			00	00			5 ¹⁰	-5.10		4024 ⁵⁶	37 S
			28	m			3 ²¹	-3.21		4026 ⁴⁵	33 S
			125	+4°30'	+9.78		3 ²⁵	+6.53		4036 ¹⁹	32 S
			223	+5°00'	+19.36		12 ⁸⁰	+6.56		4036 ²²	31 S
			317	+5°00'	+27.52		2 ⁵³	+24.99		4054 ⁶⁵	30 S
b	2 ⁰³		406	+6°01'	+42.22		4 ⁰⁰	+38.22		4067 ⁸⁸	29 S
Δ	0 ⁹⁵		190	+5°00'	+16.49		5 ⁵⁷	+22.06	4089 ⁹⁴		
			94	-5°00'	-8.16		9 ⁵⁰	-17.66		4072 ²⁸	28 S
			00	m			4 ⁶³	-4.63		4085 ³¹	27 S
			164	+6°30'	+11.70		2 ⁴³	+9.21		4099 ¹⁵	26 S
			190	+7°30'	+24.59		7 ⁸⁴	+16.75		4106 ⁶⁹	25 S
			281	+7°30'	+36.36		7 ⁴³	+28.87		4118 ⁸¹	24 S
b			370	+7°30'	+47.88		4 ⁸⁶	+43.08		4133 ⁰²	23 S



100 - 201 BUREAU LINE

Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
										4133 ⁰²	
A			270	+3°00'	+14.12	B	11 ²⁴	+26.71	4159 ²³		
		091	182	-4°30'	-14.23		12 ²⁵	-27.18		4132 ⁵⁵	L 48W 22S
			92	-1°00'	-1.61		12 ⁸⁵	+4.46		4145 ²⁷	S 21 S
			00				439	-4.39		4155 ³⁴	20 S
			97	+2°30'	+4.23		2 ⁰¹	+2.22		4161 ⁹⁵	19 S
			196	+6°00'	+20.38		4 ⁷²	+15.66		4175 ³⁹	18 S
B			289	+6°00'	+30.06		16 ⁹⁹	+19.07		4178 ⁸⁰	17 S
Δ			262	+4°00'	+18.24		17 ¹⁷	+30.41	4209 ²¹		
			164	-2°30'	-7.15		12 ⁵³	-19.68		4189 ⁵³	16 S
			71	00			8 ⁶⁸	-8.68		4200 ⁵³	15 S
			00	00			5 ¹⁰	-5.10		4204 ¹¹	
			28	00			4 ⁵⁴	-4.54		4204 ⁶⁷	14 S
			111	00			2 ⁹⁸	-2.98		4206 ²³	13 S
			206	+1°30'	+5.40		5 ²⁹	+0.11		4209 ³²	12 S
			295	+1°30'	+7.73		1 ⁴⁹	+6.24		4215 ⁴⁵	11 S
n			394	+2°30'	+17.18	U	6 ⁷³	+12.42		4221 ⁶³	10 S
Δ			200	+2°30'	+8.72		12 ⁴²	+1.14	4242 ⁷⁷		



100-101 & 102-104

Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4242 ⁷⁷		
			100	00			9 ²⁷	-9.27		4233 ⁵⁰	L 484 W 95
			00	00			5 ⁰³	-5.03		4237 ⁷⁴	11 4 85
			90	+3 ⁰⁰	+4.71		2 ⁴⁷	+2.24		4245 ⁰¹	75
			190	+4 ³⁰	+14.86		6 ⁰⁰	+8.86		4251 ⁶³	65
			300	+4 ³⁰	+23.46		3 ⁷⁰	+9.76		4262 ⁵³	55
o			400	+4 ³⁰	+31.28		5 ³⁵	+25.93		4268 ⁷⁰	45
Δ			296	+4 ³⁰	+23.15		13 ¹³	+36.28	4304 ⁹⁸		
			185	-4 ³⁰	-14.47		6 ²⁸	-20.75		4284 ²³	35
			89	-1 ³⁰	-2.33		12 ⁴⁶	-14.79		4290 ¹⁹	25
			00	00			4 ⁷⁵	-4.75		4300 ²³	15
Δ			99	+6 ³⁰	+11.14		2 ⁴⁵	+8.69		4313 ⁶⁷	8.5 48W
											Ref. P. 14, L. - 11
											Elev. = 4312 ⁷⁵
											Tie + 0.92.



100-101-102-103-104

Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
				T.O. TOP OF HUB			(1) (CF 401)			4255 ⁶⁵	REF P-13, L-14 ELEV = 4255 ⁶⁵
Δ			197	-5 ^m	-17.10		171	-15.39	4240 ²⁶		
			97	+4 ³⁰	+7.59		195	+5.64		4245 ⁹⁰	L. 40W E 1 S
			00	00			486	-4.86		4235 ⁴⁰	2 S
			85	-2 ⁰⁰	-2.97		923	-12.20		4228 ⁰⁶	3 S
0		0 ⁸⁴	168	-4 ³⁶	-13.14	B	324	-17.22		4223 ⁰⁴	4 S
Δ			128	-3 ³⁶	-11.47		392	-7.55	4215 ⁴⁹		
			79	+3 ⁰⁰	+5.18		432	+0.86		4216 ³⁵	5 S
			00	00			436	-4.36		4211 ¹³	6 S
			90	-1 ³⁰	-2.36		1286	-15.22		4200 ²⁷	7 S
			182	-5 ⁰⁰	-15.80		967	-25.47		4170 ⁰²	8 S
			277	-5 ⁰⁰	-24.04		947	-33.51		4181 ⁹⁸	9 S
			372	-5 ⁰⁰	-32.29		679	-39.08		4176 ⁴¹	10 S
0		2 ³³	466	-5 ⁰⁰	-40.45		346	-43.91		4171 ⁵⁸	11 S
Δ			152	-5 ³⁰	-14.50		1009	-4.41	4167 ¹⁷		
			64	+5 ³⁰	+6.11		421	+1.90		4169 ⁰⁷	12 S
			60	00			515	-5.10		4162 ⁰⁷	
			30	00			720	-9.90		4157 ²⁷	13 S





Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4044 ¹⁴		
			00	00			5 ¹⁰	-5.10		4039 ⁰⁴	
			46	-2°00'	-1.61		12 ⁹⁹	-14.60		4029 ⁵⁴	L 40W E 28 S
47		0 ⁷²	144	-6°00'	-14.98		12 ³²	-27.90		4016 ²⁴	" E 29 S
0			390	-1°30'	-10.22	B	11 ⁶⁰	-23.77		4020 ³⁷	
Δ		1 ³²	264	-6°30'	-29.70		6 ⁰⁷	-23.63	3996 ⁷⁴		
0			227	-5°00'	-19.70		12 ⁸⁶	-32.56		3964 ¹⁸	
Δ			216	-5°30'	-20.61	B	1 ⁸⁴	-17.69	3946 ⁴⁹		
			180	+6°00'	+18.72		5 ⁰⁸	+13.64		3960 ¹³	L-32W E 30 S
			84	+4°00'	+5.85		2 ⁵¹	+3.34		3949 ⁸³	" E 31 S
			00	00			5 ⁰⁵	-5.05		3941 ⁴⁴	32 S
			90	-2°00'	-3.14		12 ⁹⁵	-16.09		3930 ⁴⁰	33 S
			185	-1°00'	-22.39		5 ⁸⁵	-28.24		3918 ²⁵	34 S
0		1 ³⁷	274	-7°00'	-33.15		3 ¹⁰	-36.25		3910 ²⁴	35 S
Δ		1 ³⁷	274	+7°00'	+33.15		3 ¹¹	+36.26	3946 ⁵⁰		
0			216	+5°30'	+20.61	B	1 ⁸⁶	+17.67		3964 ¹⁷	
Δ			235	+4°30'	+18.38	B	5 ⁹¹	+25.47	3989 ⁶⁴		
			174	-2°30'	-7.59		11 ⁵²	-19.11		3970 ⁵³	29 S

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Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3989 ⁶⁴		
			82	-2°30'	-3.58		7 ⁷⁰	-11.28		3978 ³⁶	L-32 & 285
			00	00			4 ⁹¹	-4.91		3984 ⁷³	11 & 275
o			30	+6°30'	+0.79		2 ⁷¹	-1.92		3987 ⁷²	265
Δ			180	+5°00'	+15.62		6 ¹⁸	+21.80	4009 ⁵²		265
			90	-5°00'	-7.81		1 ⁰⁰	-13.81		3995 ⁷¹	255
			00	00			4 ⁸⁰	-4.80		4004 ⁷²	245
			110	+3°00'	+5.75		3 ¹⁵	+2.60		4012 ¹²	235
			207	+3°30'	+12.63		5 ⁴¹	+7.22		4016 ⁷⁴	225
			301	+3°30'	+18.36		4 ⁶³	+13.73		4023 ²⁵	215
o			383	+3°30'	+23.36		3 ⁴⁷	+19.89		4029 ⁴¹	205
Δ		1 ⁸²	364	+3°00'	+19.04	R	4 ¹⁷	+25.03	4054 ⁴⁴		
			272	-1°30'	-7.13		12 ⁵⁶	-19.69		4034 ⁷⁵	195
			183	-1°00'	-3.20		12 ²⁰	-15.40		4039 ⁰⁹	185
			91	00			11 ⁸⁹	-11.85		4042 ⁵⁹	175
			00	M			4 ⁸²	-4.82		4049 ⁶²	165
			92	+4°00'	+6.40		3 ⁸⁰	+2.60		4057 ⁰⁴	155
			184	+4°00'	+12.81		5 ⁷⁰	+7.35		4061 ⁷⁹	145



Δ O	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION / REMARKS
									4054 ⁴⁴		
O			281	+4°00'	+19.56		3 ^{7L}	+5.80		4070 ²⁴	L-320F135
Δ			330	+5°00'	+28.64		12 ³¹	+11.01	4111 ²⁵		
			253	-5°00'	-21.96		11 ⁴²	-33.38		4077 ⁸⁷	" 125
			159	-9°30'	-15.17		12 ²¹	-29.38		4083 ⁸⁷	115
			76	00			13 ¹⁵	-13.15		4098 ¹⁰	105
			00	00			4 ⁴⁸	-4.48		4106 ⁷⁷	35
O			107	+6°30'	+12.04		3 ⁹²	+8.12		4119 ³⁷	85
Δ			236	+4°30'	+18.46		11 ²⁵	+29.71	4149 ⁰⁸		75
			143	-4°30'	-11.18		5 ⁷⁷	-17.17		4131 ⁹¹	75
			38	00			8 ⁸⁰	-8.80		4140 ²⁸	65
			110	00			5 ¹⁰	-5.10		4143 ⁹⁸	
			56	+3°00'	+2.93		2 ⁶²	+0.31		4149 ³⁹	55
			146	+4°00'	+10.16		3 ⁰⁴	+7.12		4156 ²⁰	45
n		0 ³³	116	+4°00'	+12.95		1 ³⁶	+10.99		4160 ⁰⁷	
Δ			150	+4°30'	+11.73		4 ²¹	+15.94	4176 ⁰¹		
			100	-3°30'	-6.10		1 ⁸⁶	-12.96		4163 ⁰⁵	35
			111	00			4 ³³	-4.93		4171 ⁰⁸	25





Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
				$L-283^{\circ}04'$			FROM WTS S			4137 ²¹	REF P-12, L-11 FLD: 4137 ²⁶
							1.0 TOP OF HUB @ B/L: PAW				
D			170	$-11^{\circ}00'$	-31.84		2 ²⁷	-29.62	4007 ⁶⁴		
			72	$+8^{\circ}30'$	+10.53		2 ⁸⁶	+7.67		4115 ³¹	L 24W: 15
			00	00			5 ¹⁰	-5.10		4102 ⁵⁴	2
			27	$-2^{\circ}00'$	-6.94		7 ⁹¹	-8.85		4098 ⁷⁹	25
S			110	$-7^{\circ}00'$	-10.31		5 ⁹¹	-19.22		4088 ⁴²	35
D			188	$-4^{\circ}00'$	-13.08		3 ⁵²	-9.56	4078 ⁸⁴		
			104	$+2^{\circ}00'$	+3.63		2 ²⁸	+1.35		4080 ²¹	45
			00	00			4 ⁵³	-4.53		4074 ³³	55
o			67	$+5^{\circ}00'$	+5.82		8 ⁴⁸	-2.66		-4076 ²⁰	65
D			227	$-3^{\circ}00'$	-11.87		2 ⁶⁶	-9.21	4066 ⁷⁹		75
			136	$+2^{\circ}30'$	+5.93		11 ⁷³	-5.80		4061 ¹⁹	75
			21	00			16 ⁹	-1.69		4065 ³⁰	85
			00	00			5 ¹⁰	-5.10		4061 ⁸⁹	
			44	00			10 ³⁷	-10.97		4056 ⁰²	95
			130	$-4^{\circ}30'$	-10.17		12 ⁶²	-22.39		4044 ²⁰	105
			231	$-6^{\circ}30'$	-25.99	B	11 ⁴⁸	-38.65		4028 ³⁶	115

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Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									4066 ⁹⁹		
			328	-8°00'	-45.20		9°00	-54.20		4012 ⁹⁹	L-24W-125
Δ		2 ¹⁴	428	-8°00'	-58.98		3 ⁷³	-62.91		4004 ⁹⁹	" + 135
Δ			276	-4°00'	-19.21		2 ⁶⁵	-16.56	3987 ⁵²		
			178	+4°00'	+12.39		3 ⁷⁸	+8.61		3996 ¹³	145
			84	+2°00'	+2.93		1 ⁸⁶	+1.07		3988 ⁵⁹	155
			00	00			4 ⁷⁴	-4.74		3982 ⁷⁸	165
			86	00			2 ⁶²	-9.62		3977 ⁹⁰	175
Δ			177	00			12 ³⁵	-12.35		3975 ¹⁷	185 L.H.I.:
Δ			140	-1°00'	-2.45'	U	4°01	+0.86	3976 ⁰³		L
			52	+0°30'	+0.46		3°05	-2.57		3973 ⁴⁴	195
			00	00			5°10	-5.10		3970 ⁹³	
			37	00			6°72	-6.72		3969 ³¹	205
Δ			115	-3°00'	-6.01		4°70	-10.71		3965 ³²	215
Δ		1 ³¹	262	-3°30'	-15.98		5°80	-10.18	3955 ¹⁴		
			171	+3°30'	+10.43		3°37	+7.06		3962 ²⁰	225
			77	+3°00'	+4.03		5°30	-1.27		3953 ⁸⁷	235
			00	00			4°73	-4.73		3950 ⁴¹	245



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Δ	AZIMUTH	V2 STADIA	STADIA	ANGLE	DIFF.	HAIR	ROD	DIFF. ELEV.	H. I.	ELEVATION	STATION & REMARKS
									3955 ¹⁴		
			70	-3°00'	-3.66	3°03	-12.69			3942 ⁴⁵	L-2440 255
			156	-3°00'	-8.16	12 ²⁸	-20.44			3934 ⁷⁰	265
0			247	-3°30'	-15.07	13 ²⁸	-28.35'			3926 ⁷⁹	275
D	14°		280	-4°30'	-21.90	3°2	-18.28		3908 ⁵¹		
	0°26		192	+4°31'	+15.01	4°10	+10.91			3919 ⁴²	285
			103	+3°20'	+6.28	3°95	+2.33			3910 ⁸⁴	295
			00	00		5°10	-5.10			3903 ⁴¹	305
			85	00		12°50	-12.50			3896 ⁰¹	315
			167	-1°30'	-4.38	12°54	-16.92			3891 ⁵⁹	325
0			251	-2°00'	-8.76	10°26	-19.02			3889 ⁴⁹	335
D	177		154	-4°30'	-12.04	3°88	-8.16		3881 ³³		
			59	+5°00'	+5.12	4°40	+0.72			3882 ⁰⁵	345
			00	00		5°10	-5.10			3876 ²³	
			45	00		12°25	-12.25'			3869 ⁰⁸	355
0			127	-3°30'	-7.75'	9°95	-17.70			3863 ⁶³	365
D			212	00		7°84	+7.84		3871 ⁴⁷		
			200	00		7°72	-7.72			3863 ⁷⁵	375



