

PATENTED CLAIMS (record)

Date _____ Calculated By _____
Date _____ Checked By _____

SURVEY
CALCULATION SHEET

Level & Working Area SURFACE PATENTED
Surveyor _____ Rodman _____

RECORD

B.S.	Sta.	F.S.	Angle Right	Bearing - azimuth	Slope Distance	Vertical Angle	Horizontal Distance	Vertical Distance	H.I.	H.P.	H.T.	Elevation		Difference		Total		Sta.	Remarks
												Station	Track	Latitude	Departure	Latitude	Departure		
				GLoucester			MS	15975										US MM	1565
		USMM 1565																	
		COR 1		27°49				1457.0						+291.23	-291.23	11356.509	10453.675	COR 1	
		COR 2		N63°W				1500								12037.49	9117.166	COR 2	
		COR 3		N23°E				300								12313.691	9239.389	COR 3	
		COR 4		S63°E				1500								11632.656	10570.895	COR 4	
				RAINBOW			MS	15400											
		USMM 1565																	
		COR 1		N84°28'W				1408.5								10202.690	8373.713	COR 1	
		COR 2		N51°31'E				1500.00								11136.125	9547.897	COR 2	
		COR 3		N38°29'W				300.								11370.962	9361.211	COR 3	
		COR 4		S51°31'W				1500.								10437.531	8187.027	COR 4	
				MARINA			MS	11560											
		US MM																	
		COR 1		N83°50'E				2926.39								10381.233	12685.057	COR 1	
		COR 2		N14°30'W				1500.00								11833.452	12309.987	COR 2	
		COR 3		N33°30'W				403.6								12170.008	12532.299	COR 3	
		COR 4		S14°30'E				1500.00								10717.787	12907.819	COR 4	

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												Station	Track	Latitude	Departure	Latitude	Departure			
				JESSICA	MS	11560										10066.88	9775.65		USMM 1565	
	USMM 1565																			
		COR 1		N 73° 45' E			2207.86									10689.703	11895.306	COR 1		
		COR 2		N 33° 30' E			930.00									11460.217	12408.607	COR 2		
		COR 3		N 14° 30' W			403.6									11850.962	12307.559	COR 3		
		COR 4		S 33° 30' W			930.00									11075.448	11794.252	COR 4		
				ELEVENTH			HOUR		MS	11560										
	USMM 1565																			
		COR 1		N 70° 44' E			3209									11125.738	12809.924	COR 1		
		COR 2		N 14° 30' W			1500.00									12577.960	12929.359	COR 2		
		COR 3		N 33° 30' E			403.6									12914.516	12652.116	COR 3		
		COR 4		S 14° 30' E			1500.00									11462.295	13027.687	COR 4		
				WINNING	MS	11560														
	USMM 1565																			
		COR 1		N 55° 04' E			2248.64									11354.503	11619.126	COR 1		
		COR 2		N 33° 30' E			1467.6									12578.314	12929.150	COR 2		
		COR 3		S 14° 30' E			403.6									12187.569	12530.204	COR 3		
		COR 4		S 33° 30' W			1467.6									10963.758	11720.181	COR 4		

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B.S.	Sta.	F.S.	Angle Right	Bearing-azimuth	Slope Distance	Vertical Angle	Horizontal Distance	Vertical Distance	H.I.	H.P.	H.T.	Elevation		Difference		Total		Sta.	Remarks		
												Station	Track	Latitude	Departure	Latitude	Departure				
	USMM 1565			Z 00	MS	11560											10066.88	9775.65	USMM 1565		
		COR 1		N 45° 17' E			4047.67											12914.826	12651.903	COR 1	
		COR 2		N 33° 30' E			1500.00											14165.655	13479.809	COR 2	
		COR 3		S 19° 30' E			339.11											13837.347	13564.715	COR 3	
		COR 4		S 33° 30' W			1500.00											12586.518	12736.810	COR 4	
				GROWLER	MS	11560															
	USMM 1565																				
		COR 1		N 42° 15' E			3464.8											12631.588	12105.266	COR 1	
		COR 2		N 33° 30' E			1500.00											13882.416	12933.172	COR 2	
		COR 3		S 56° 30' E			300.00											13716.835	13183.338	COR 3	
		COR 4		S 33° 30' W			1500.00											12466.007	12355.932	COR 4	
				YOUNGSTER	MS	11560															
	USMM 1565																				
		COR 1		N 41° 54' E			3602.75											12798.448	12181.684	COR 1	
		COR 2		N 18° 30' W			1500.00											14170.939	11705.727	COR 2	
		COR 3		N 33° 30' E			380.7											14488.394	11915.849	COR 3	
		COR 4		S 18° 30' E			1500.00											13065.909	12391.806	COR 4	

