

PROJECT: 980508
 DESCRIPTION: 1998 Ingham Co. Remon Sec. 6 Bunker Hil
 FILE: C:\PCW\980508.CGO
 UNITS: U.S. SURVEY FOOT

Monday, October 19, 1998
 1:37 PM
 PAGE 1

INSTRUMENT SETUP

Instrument point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight Bearing:	N 00°00'00.0" E	Distance:	0.000	
Remarks:				

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
TRAV	1	2	S 05°00'00.0" W	600.900	29401.3866	29947.6281
TRAV	2	3	S 03°23'46.0" W	688.478	28714.1177	29906.8436
INV	3	1	N 04°08'36.9" E	1289.252	30000.0000	30000.0000

INSTRUMENT SETUP

Instrument point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight Bearing:	N 00°00'00.0" E	Distance:	0.000	
Remarks:				

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
TRAV	1	100	N 00°00'00.0" E	688.478	30688.4780	30000.0000

INSTRUMENT SETUP

Instrument point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight Bearing:	N 00°00'00.0" E	Distance:	0.000	
Remarks:				

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
TRAV	1	100	S 00°00'00.0" W	500.000	29500.0000	30000.0000

COORDINATE ROTATION-TRANSLATION

Rotation point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Destination point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Rotation:	355°51'23.1" Right			
Translation:	0.000 North	0.000 East	0.000 Down	

FROM	NORTHING	EASTING	ELEV.	TO	NORTHING	EASTING	ELEV.
1	30000.0000	30000.0000		1	30000.0000	30000.0000	
2	29401.3866	29947.6281		2	29399.1671	29991.0185	
3	28714.1177	29906.8436		3	28710.7477	30000.0000	

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1:42 PM
PAGE 2

INSTRUMENT SETUP

Instrument point: 1 30000.0000 30000.0000
Backsight point: 1 30000.0000 30000.0000
Backsight Bearing: N 00°00'00.0" E Distance: 0.000
Remarks:

BH1-64-160-A-1
BH1-64-160-A-1

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
INV	1	3	S 00°00'00.0" W	1289.252	28710.7477	30000.0000

INSTRUMENT SETUP

Instrument point: 3 28710.7477 30000.0000
Backsight point: 2 29399.1671 29991.0185
Backsight Bearing: N 00°44'50.9" W Distance: 688.478
Remarks:

BH1-64-162-M-1
BH1-64-161

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
TRAV	3	4	S 00°22'04.9" E	1330.165	27380.6102	30008.5439
TRAV	4	5	S 00°33'24.1" W	568.985	26811.6520	30003.0157
TRAV	5	6	S 00°05'32.9" E	747.800	26063.8530	30004.2226
TRAV	6	7	S 00°13'34.1" W	1111.850	24952.0116	29999.8342
TRAV	7	8	S 00°20'15.4" W	796.145	24155.8805	29995.1432
TRAV	8	9	S 00°20'31.1" E	749.475	23406.4188	29999.6166
TRAV	9	10	N 82°51'29.9" W	133.025	23422.9570	29867.6236
TRAV	10	11	S 85°04'45.9" W	521.458	23378.2289	29348.0875
TRAV	11	12	S 73°01'01.6" W	668.440	23182.9867	28708.7963

INSTRUMENT SETUP

Instrument point: 11 23378.2289 29348.0875
Backsight point: 10 23422.9570 29867.6236
Backsight Bearing: N 85°04'45.9" E Distance: 521.458
Remarks:

BH1-54-170
BH1-64-169

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
TRAV	11	12	S 00°54'00.9" W	1392.533	21985.8683	29326.2087
TRAV	12	13	S 17°19'23.4" E	1344.683	20702.1799	29726.6026
SIDE	13	14	N 77°29'35.4" E	273.650	20761.4405	29993.7589
TRAV	13	15	S 24°31'58.4" E	663.410	20098.6605	30002.0607
TRAV	15	16	S 01°44'47.1" E	1483.925	18615.4248	30047.2851
TRAV	16	17	S 05°01'09.6" W	501.910	18115.4395	30003.3720

INSTRUMENT SETUP

Instrument point: 16 18615.4248 30047.2851
Backsight point: 17 18115.4395 30003.3720

BH1-65-175
BH1-65-176-M5

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Monday, October 19, 1998
 2:11 PM
 PAGE 3

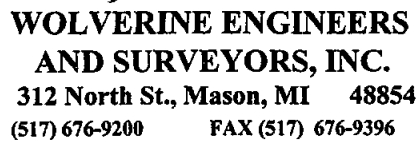
Backsight Bearing: S 05°01'09.6" W Distance: 501.910
 Remarks:

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
SIDE	16	18	N 21°46'55.4" W	308.480	18901.8800	29932.8153
SIDE	16	19	N 12°29'27.4" W	295.130	18903.5691	29983.4528

INSTRUMENT SETUP

Instrument point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight point:	1	30000.0000	30000.0000	BH1-64-160-A-1
Backsight Bearing:	N 00°00'00.0" E	Distance:	0.000	
Remarks:				

TYPE	FROM	TO	DIRECTION	DISTANCE	NORTHING	EASTING
INV	1	3	S 00°00'00.0" W	1289.252	28710.7477	30000.0000
INV	3	5	S 00°05'27.5" E	1899.098	26811.6520	30003.0157
INV	5	6	S 00°05'32.9" E	747.800	26063.8530	30004.2226
INV	6	8	S 00°16'21.5" W	1907.994	24155.8805	29995.1432
INV	8	9	S 00°20'31.1" E	749.475	23406.4188	29999.6166
INV	9	14	S 00°07'36.8" W	2644.985	20761.4405	29993.7589
INV	14	17	S 00°12'29.4" E	2646.018	18115.4395	30003.3720



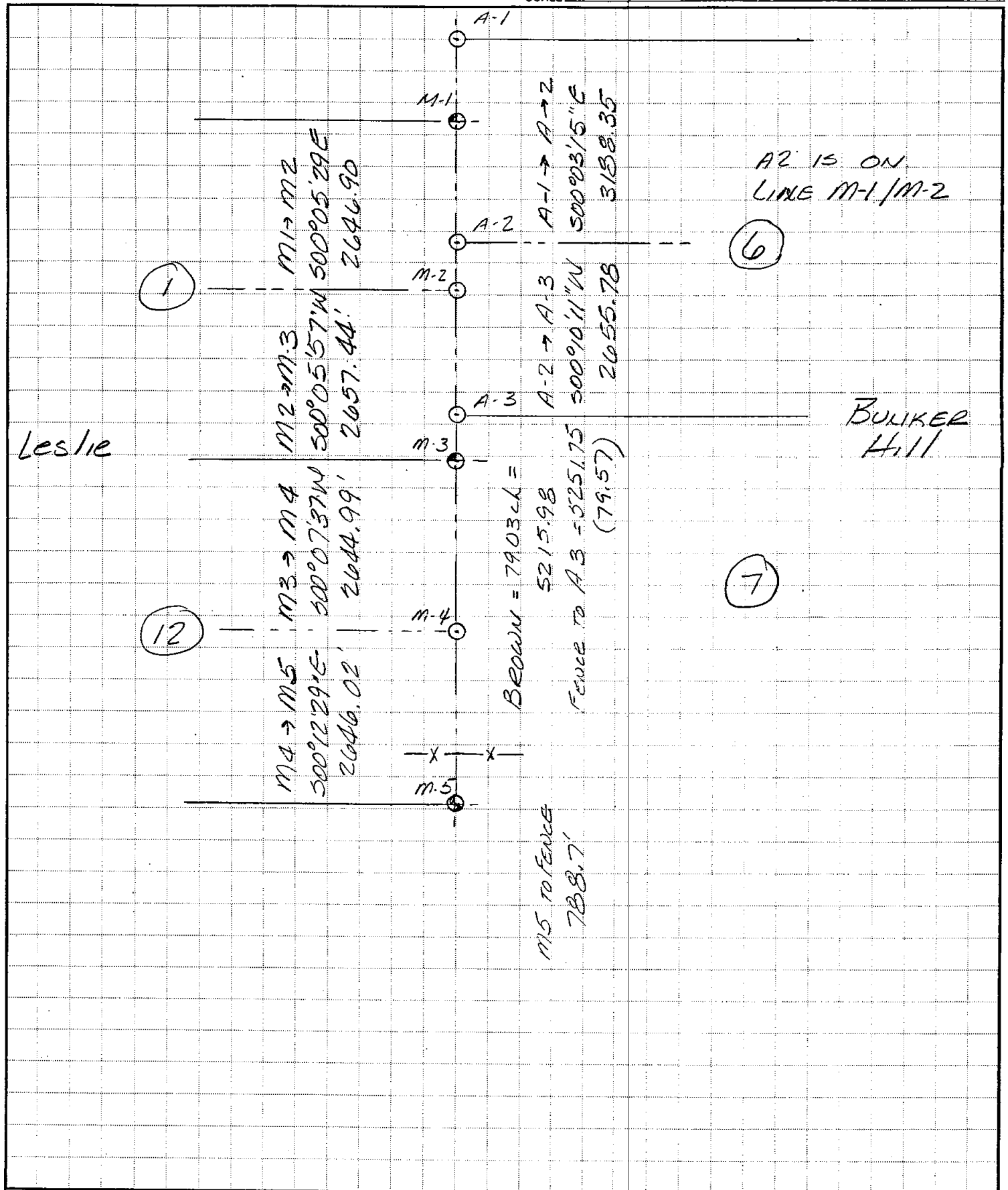
JOB 1998 Remod - 1mg room

SHEET NO. 1 OF 1

CALCULATED BY MMH DATE 10-19-98

CHECKED BY _____ DATE _____

SCALE 1" =



Twp., Ingham County 1

6			5
		7/8" Iron (1971) Quad. Willow E.N.E. 65.85' St. Cor. Post E. 25.29' St. Cor. Post W. 25.48' 8" Pine W.N.W. 33.90'	
7			8
		Stone, crockery NW cor. church shed wall 54.4' S.W. cor. church 126.3'	
18			17
		3/4" Round Iron (1971) Cor. Store N.E. 67.87' Cor. Store N.E. 70.83' 20" Oak N.W. 36.30' 18" Maple N.N.W. 68.70'	Iron on R. S. side of rd 8" Elm N.N.E. 45' 10" Apple E. 114'
		5/8" Round Iron (1971)	