



DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905

IMBE-PL

10 JUN 2014

MEMORANDUM FOR Director, Plans, Training, Mobilization and Security, U.S. Army Garrison, Fort Benning, Georgia 31905

SUBJECT: Range Safety Waiver for Malone 9 (BRM/ARM)

1. REFERENCES:

- a. AR 385-63, Range Safety, 30 January 2012.
- b. DA PAM 385-63, Range Safety, 16 April 2014.
- c. TRADOC Regulation 385-2, TRADOC Safety Program, 23 January 2009.
- d. MCoE Regulation 350-19, Range and Terrain Regulation, March 2013.

2. Training to be conducted: Basic and advanced rifle marksmanship training.

3. Areas to be waived: The portion of the Surface Danger Zone (SDZ) which crosses Red Arrow and Midwest Roads and that covers Malone 17 and Malone 18 is waived. This waiver is based upon the type ammunition being fired into an elevated berm under controlled firing conditions.

4. Controlling factors:

a. Malone 9 is a 25 meter rifle range in the Malone Range Complex used primarily in support of basic and advanced rifle marksmanship training. The placement of the range when constructed in 1977 supported a surface danger zone (SDZ) for the M16/4 rifle with standard ball ammunition. At the time the SDZ maximum range was 2600 meters. The current SDZ maximum range is increased to 3437 meters resulting in the SDZ crossing Red Arrow and Midwest Road and covering Malone 17 and Malone 18.

b. Units will fire within the approved limits of their respective lane. All personnel will wear Individual Body Armor (IBA), Ballistic Helmet, Hearing, and Ballistic Eye Protection while negotiating the lane. Traffic Control Points (TCPs) and/or barriers will be employed to prevent unauthorized entry to the safety zone or firing area. Soldiers not on the firing line will be located in an assembly area outside the safety zone. Commanders will ensure Soldiers have zeroed weapons they are training with and will adjust risk management measures based on environmental conditions as necessary. All firing on Malone 9 is directed into an earthen berm (approximately 10 feet in height) and the impact area beyond the berm is forested. Based on the type of firing conducted

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on the range, the statistical probability of any rounds impacting on or beyond these areas is Moderate. Major subordinate commanders are authorized to impose stricter measures as desired.

5. Supervision of control measures: All unit cadre are responsible for the safe conduct of training on the Range. All roles, responsibilities, and control measures will be intergraded in the Commander's Risk Management Worksheet.

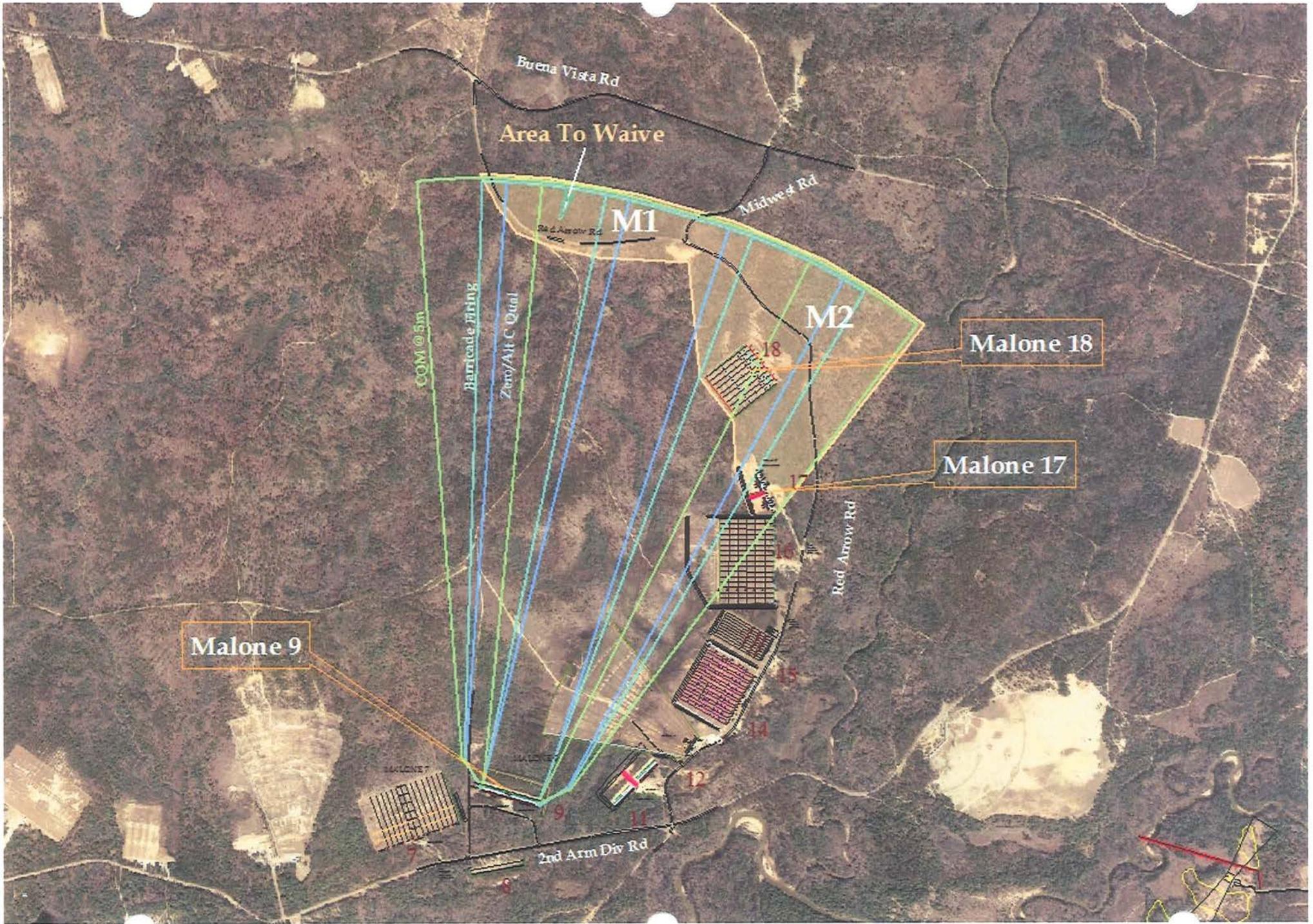
6. Using units must have a Composite Risk Management Worksheet signed off by Post Safety prior to using this range packet.

7. This waiver will be valid for one year. In the event of an accident arising from the use of this range under these waived conditions, this waiver becomes invalid until reinstated by this headquarters.

8. Point of Contact is Mr. Brad Tesch, Operations Officer, Range Division, Directorate of Plans, Training, Mobilization, and Security, 706-544-6385.



H. R. MCMASTER
Major General, USA
Commanding



Buena Vista Rd
Area To Waive

M1

Midwe & Rd

COM @ 5m

Barricade/Fring

Zero/Alt C Qdal

Red Arrow Rd

M2

Malone 18

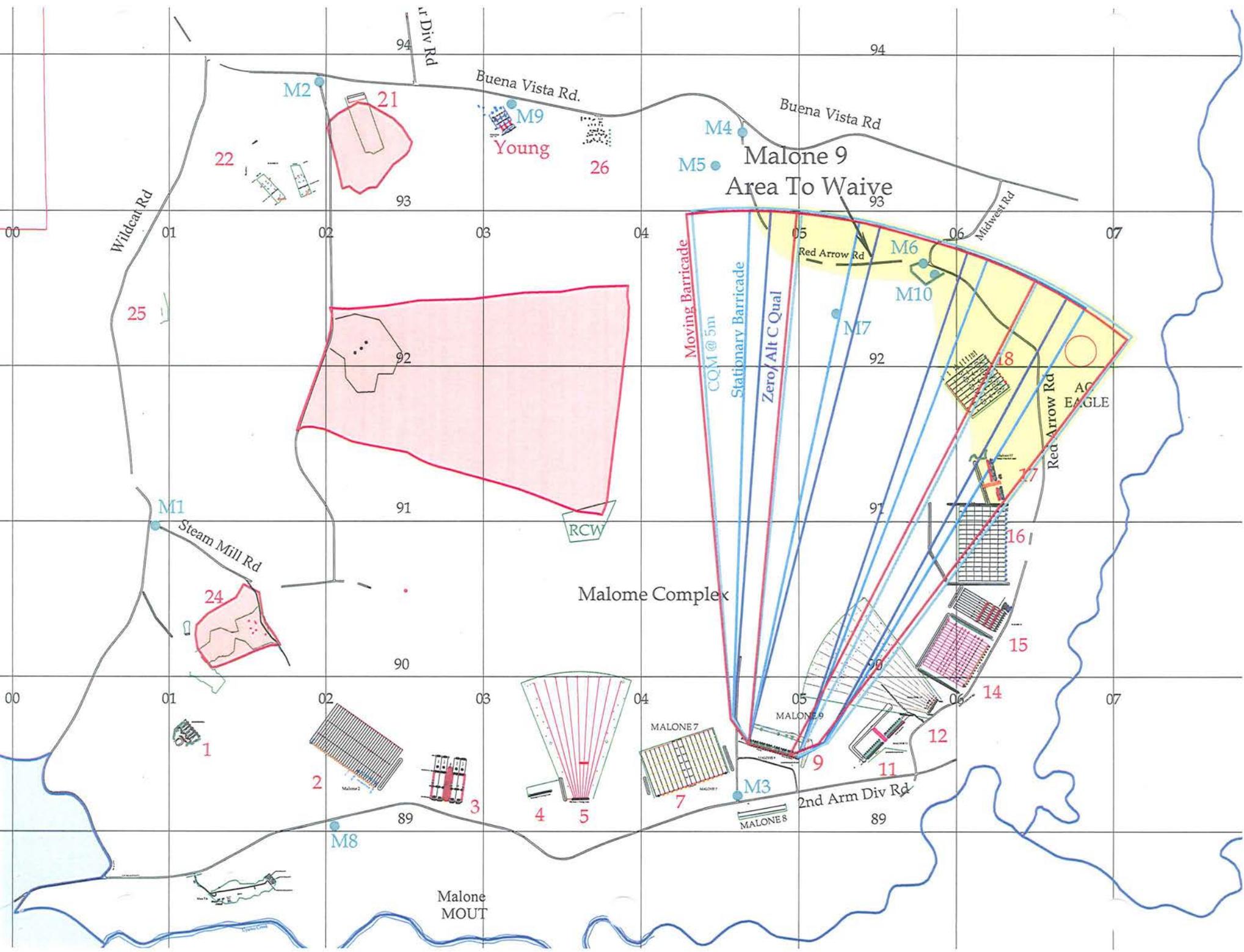
Malone 17

Malone 9

Red Arrow Rd

2nd Arm Div Rd





Malone 9
Area To Waive

Malome Complex

Malome
MOUT

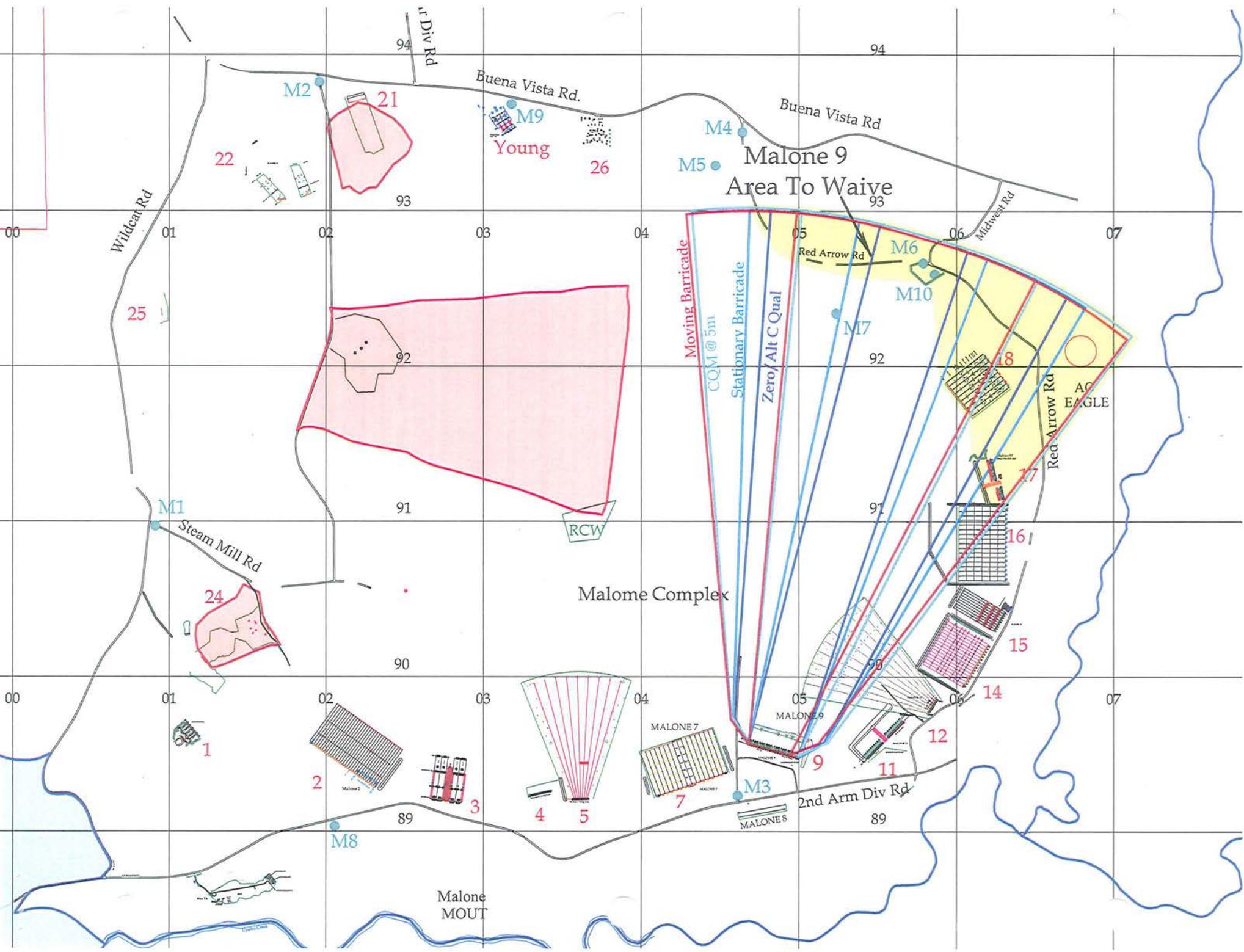
Young

AC
EAGLE

MALONE 9

MALONE 7

MALONE 8



Moving Barricade

Stationary Barricade

Zero/Alt C Qual

CQM @ 5m

Red Arrow Rd

Red Arrow Rd

Midwest Rd

Buena Vista Rd

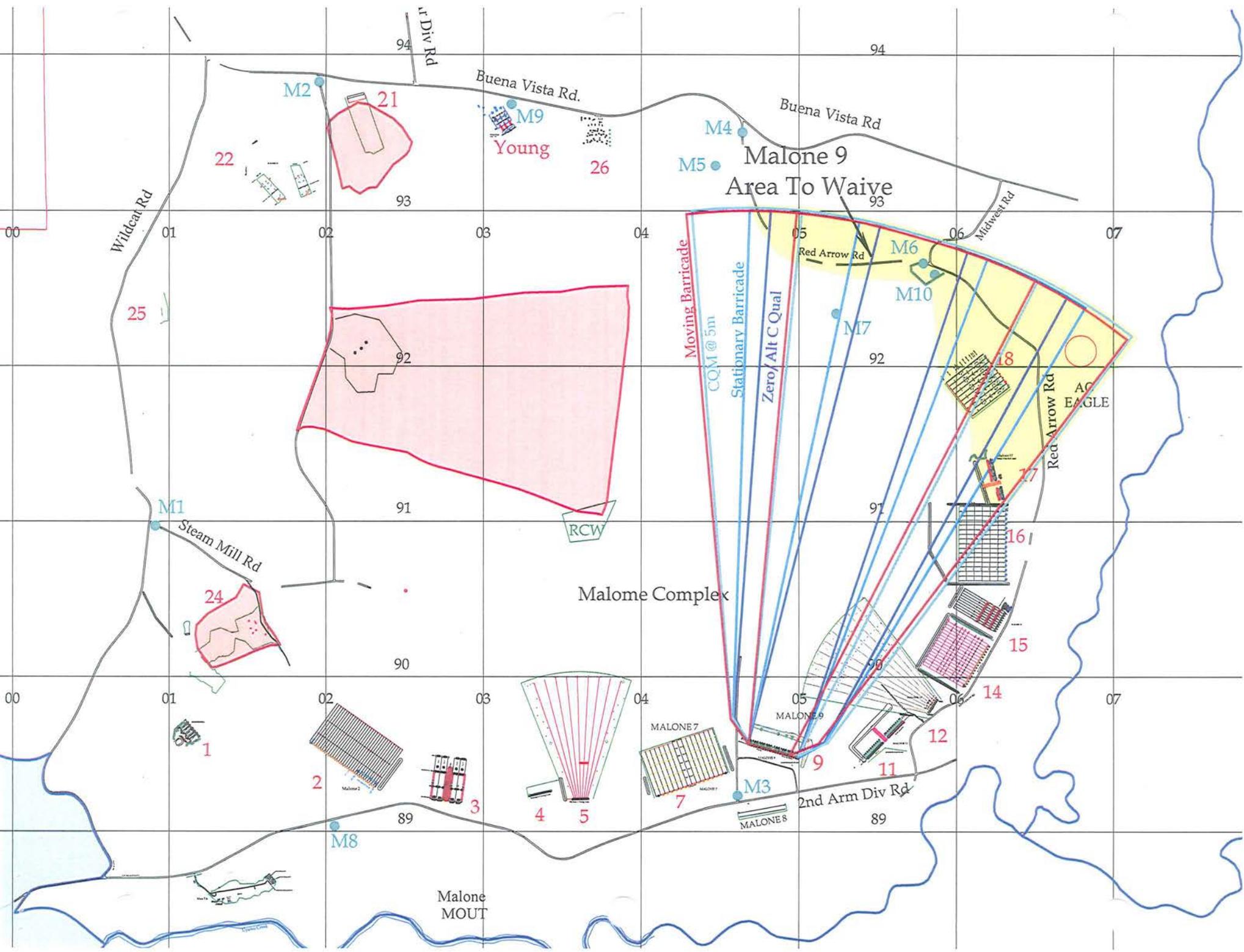
Buena Vista Rd

Steam Mill Rd

2nd Arm Div Rd

Wildcat Rd

1st Div Rd



22

21

26

25

92

91

24

90

Malome Complex

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2

3

4

5

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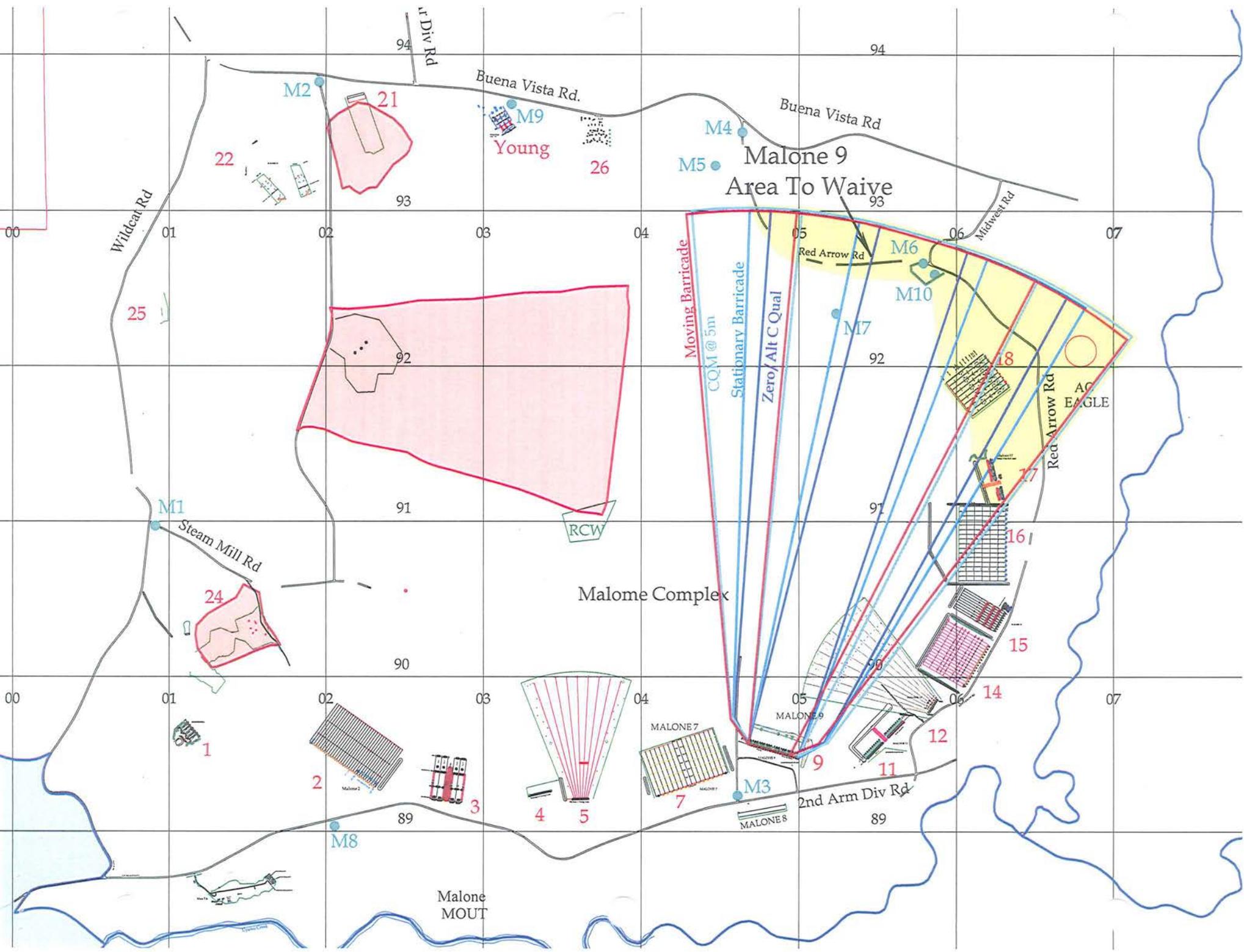
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07



M2

M9

M5

M4

M6

M10

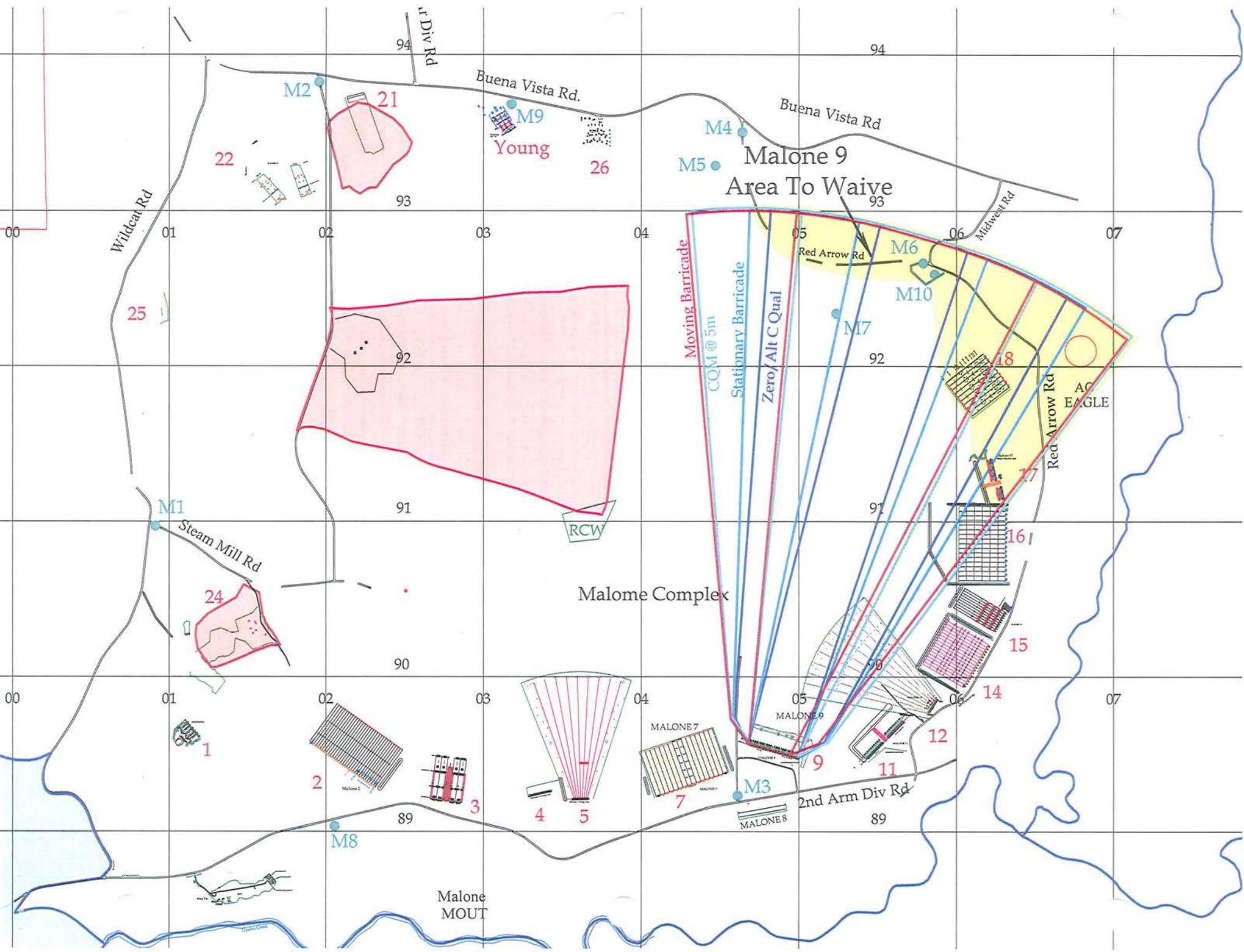
M7

M1

M8

M3

RCW



Moving Barricade

Stationary Barricade

Zero/Alt C Qual

CQM @ 5m

Red Arrow Rd

Red Arrow Rd

Midwest Rd

Buena Vista Rd

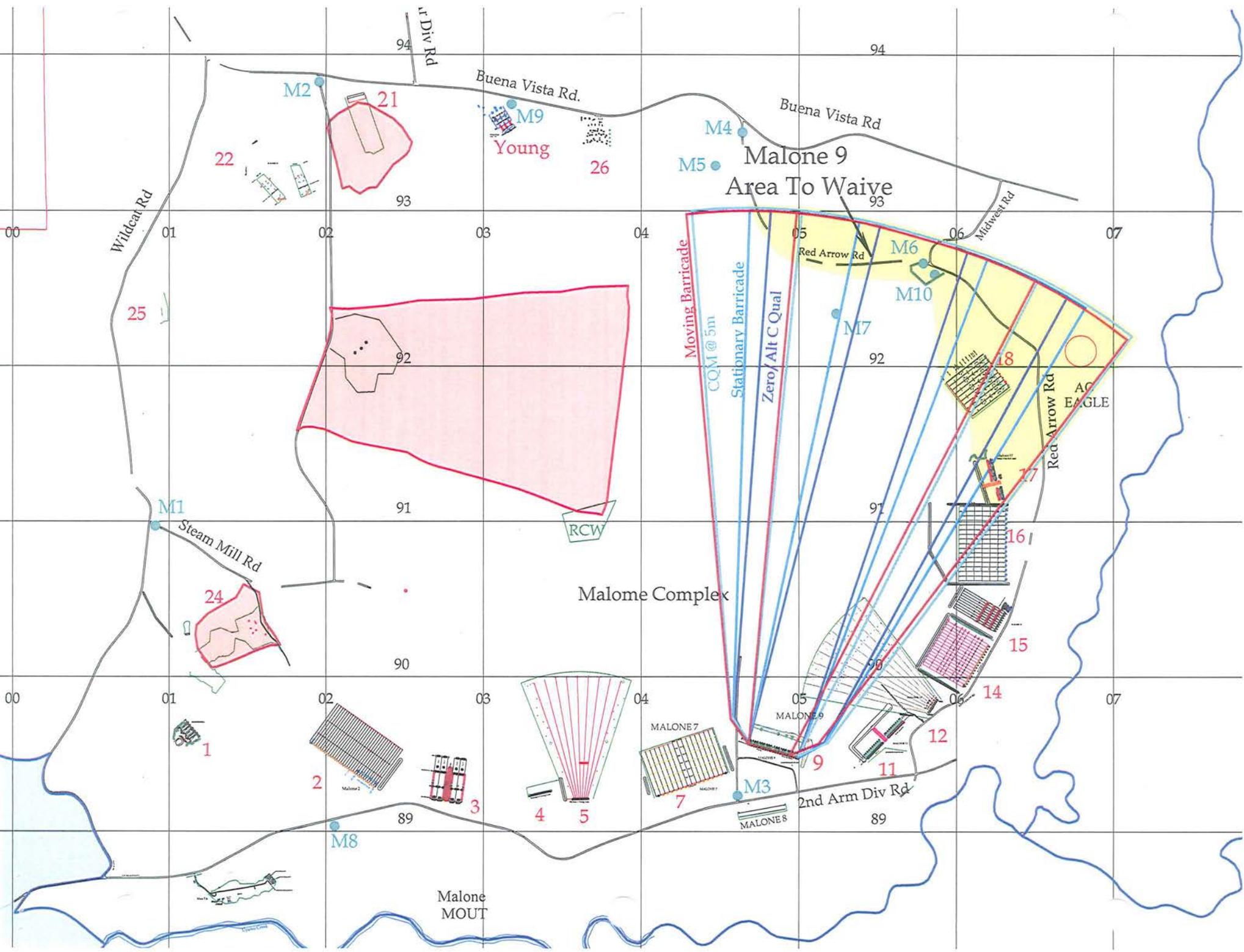
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2nd Arm Div Rd

Wildcat Rd

1st Div Rd



22

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Malome Complex

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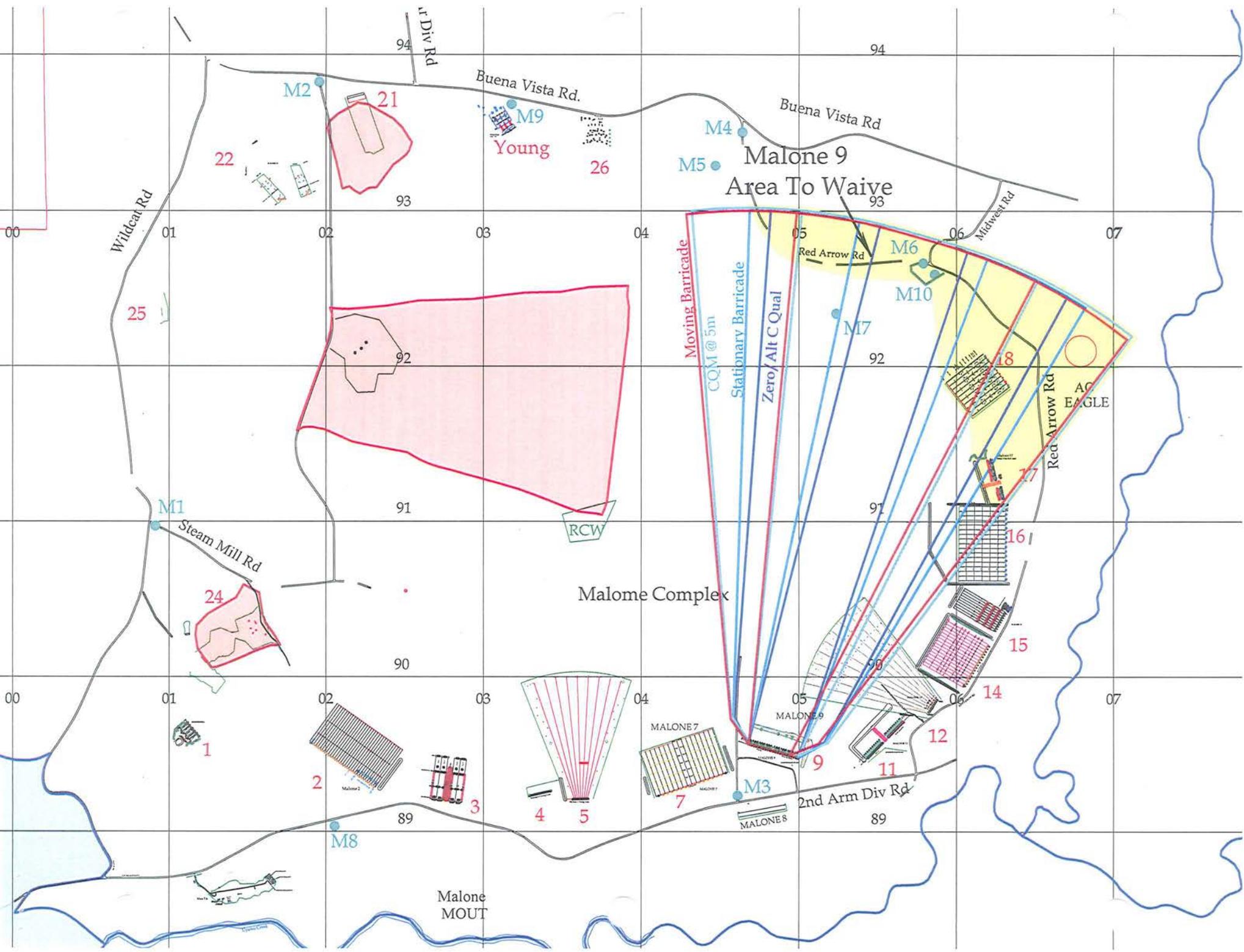
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M4

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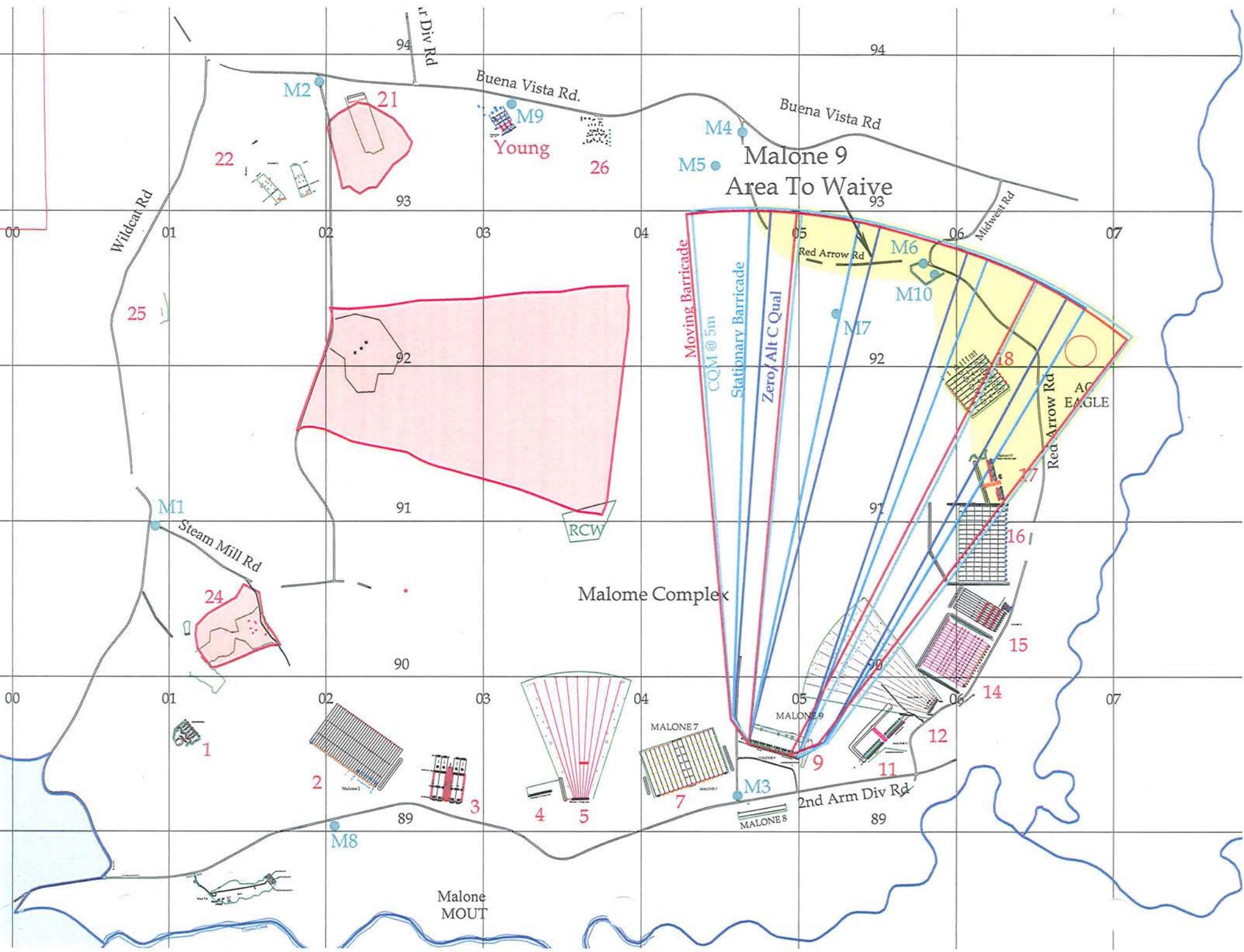
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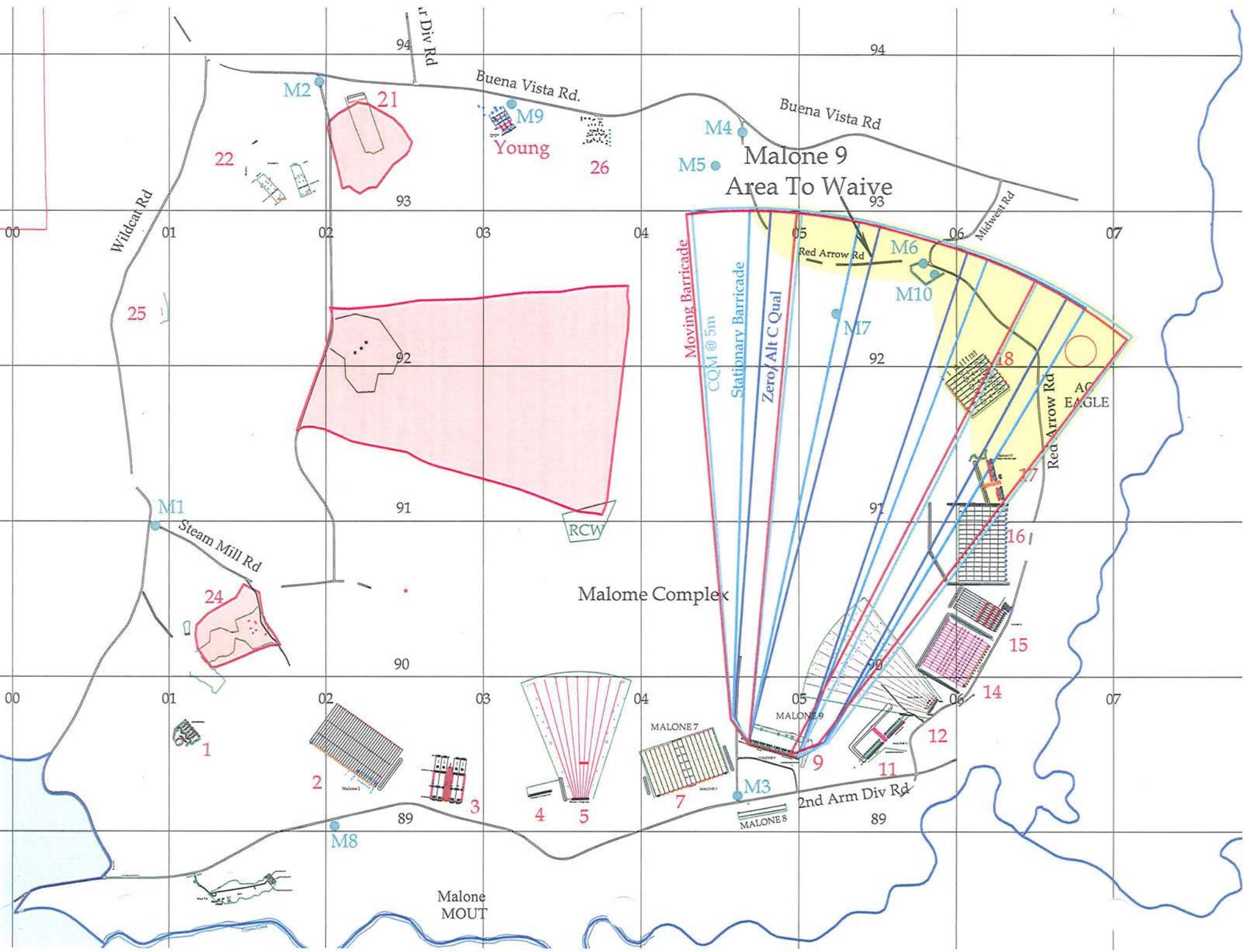
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Steam Mill Rd

2nd Arm Div Rd

Wildcat Rd

1st Div Rd



22

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Malome Complex

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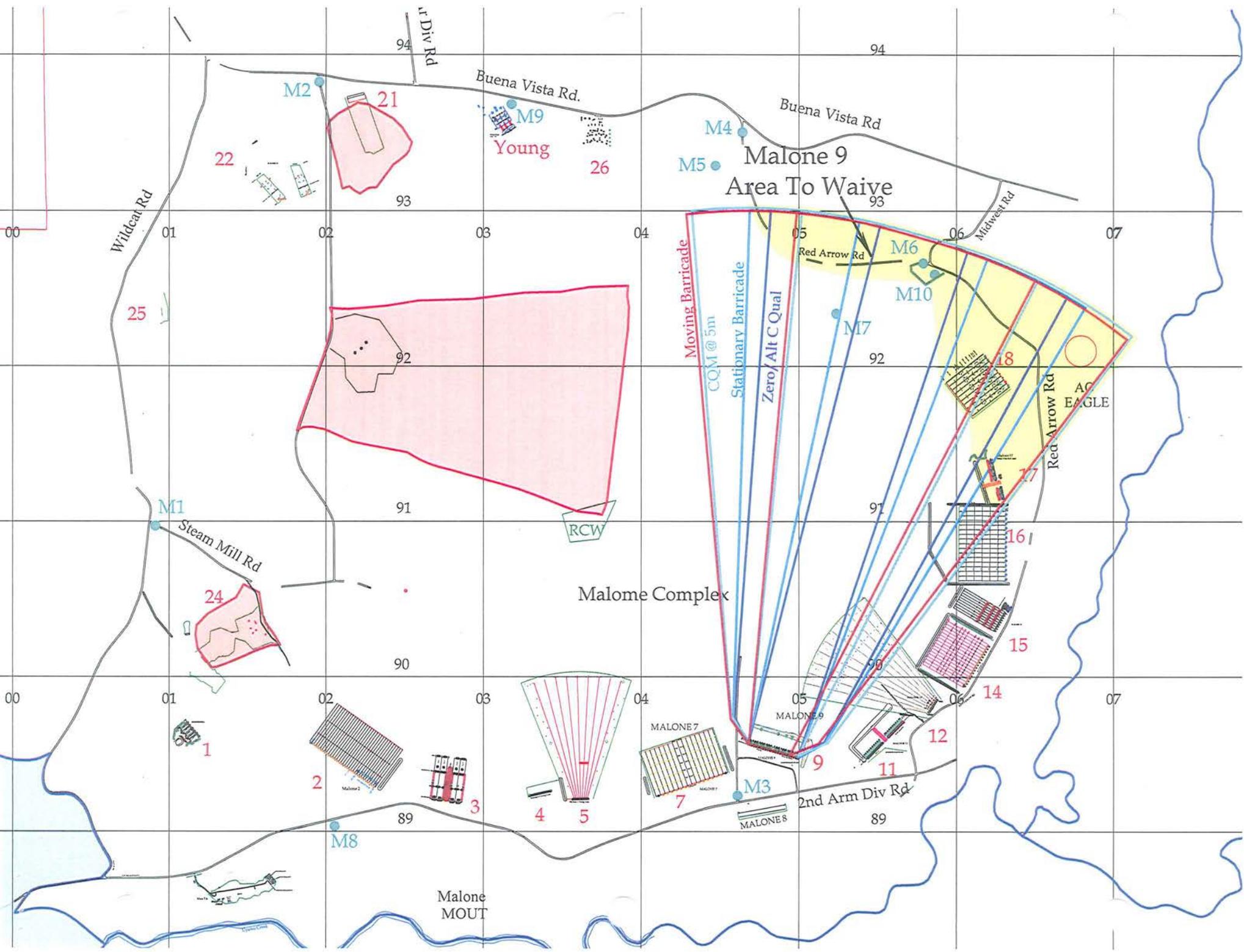
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M2

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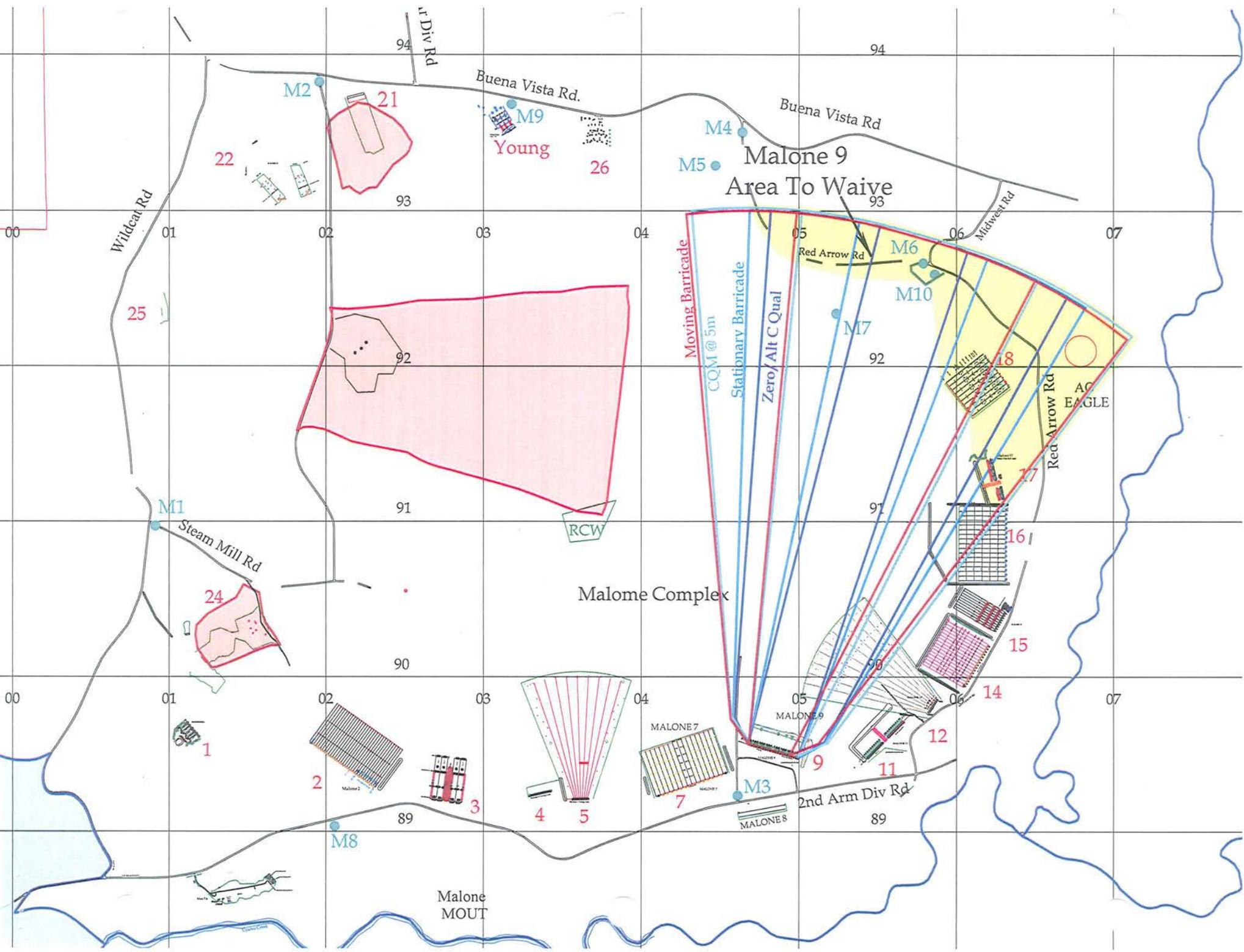
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ATZB-SO

09 May 2014

MEMORANDUM FOR Director, DPTMS (Range Division), Attn: Mr. B. Tesch, Fort Benning, GA 31905

SUBJECT: Range Safety Deviation for Malone 9 Range Safety Review

1. References.

- a. Range Safety Deviation for Malone 9 Concept (02 May 2014).
- b. Army Regulation 385-10, The Army Safety Program, 27 November 2013.
- c. Army Regulation 385-63, Range Safety, 30 January 2012.
- d. Department of the Army Pamphlet 40-501, Hearing Conservation Program, 10 December 1998.
- e. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19 January 2010.
- f. Department of the Army Pamphlet 385-30, Mishap Risk Management, RAR 01 February 2010.
- g. Department of the Army Pamphlet 385-63, Range Safety, 16 April 2014
- h. Army Techniques Publication 5-19, Risk Management, April 2014
- i. MCoE Regulation 350-19, Range and Terrain Regulation, 01 March 2013

2. Document received on 07 May 2014.

3. Concur w/comment.

- a. Waiver document, paragraph 4. Delete all terminology using "composite" when referring to Risk Management. Composite is an antiquated term, no longer used.

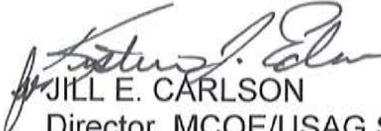
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SUBJECT: Range Safety Deviation for Malone 9 Range Safety Review

c. Waiver document and FB Form 350-19-1-R-E. Replace all verbiage with "Deliberate Risk Assessment Worksheet", dated April 2014, in place of the Composite Risk Assessment.

4. The full performance of the Army Techniques Publication 5-19, Risk Management and DD Form 2977, begins immediately with full implementation set for 01 May 2015. The DD Form 2977 has replaced the DA Form 7566. The mandatory use of the 2977 is predicated upon the attrition of each form renewal, change in the risk approval authority, or document update.

5. Point of contact is Mr. Michael W. Risher II, MCoE/Fort Benning Safety Office, Comm. (706) 545-8278, Govt. Cell. (706) 604-7249, michael.w.risher.civ@mail.mil


JILL E. CARLSON
Director, MCOE/USAG Safety