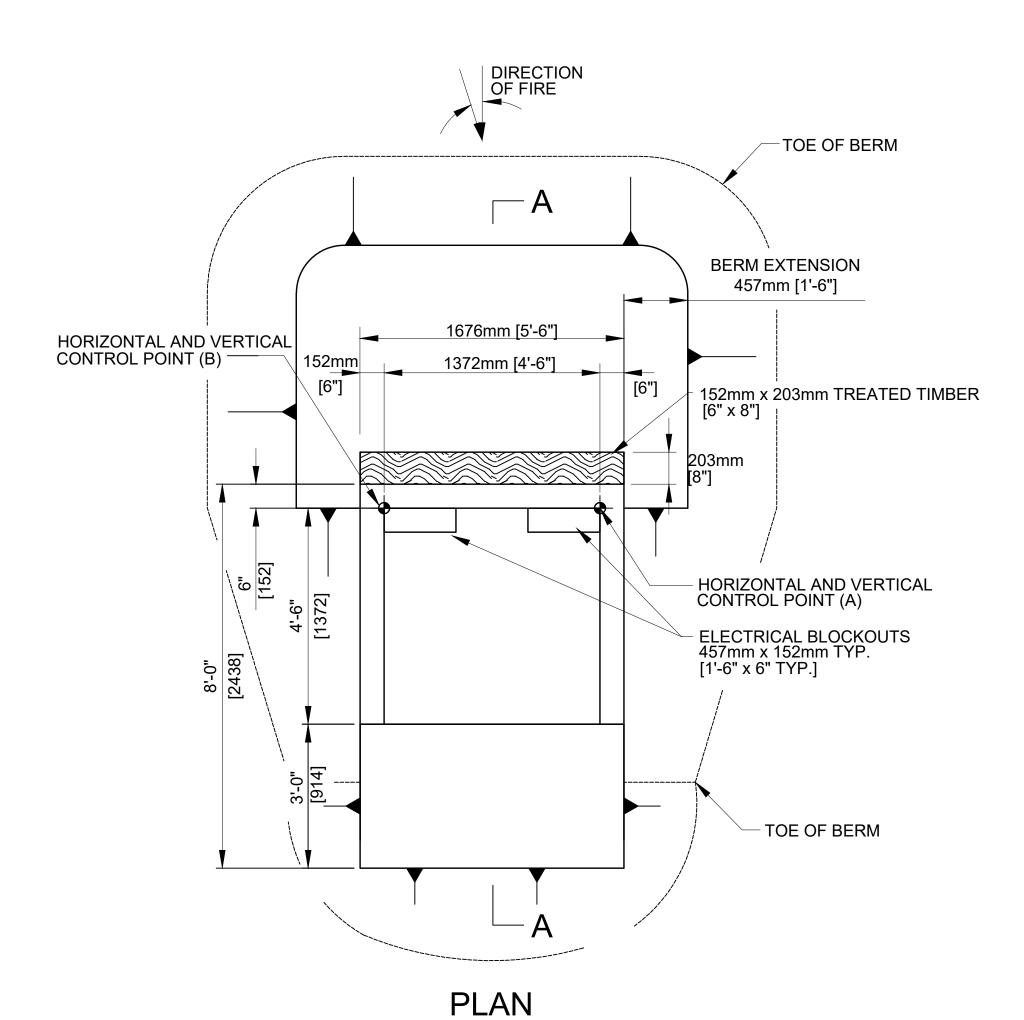


## **SECTION A-A**



## **GENERAL NOTES:**

- 1. CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 28MPa (4000psi) IN 28 DAYS.
- 2. EMPLACEMENTS SHALL BE CONSTRUCTED OF REINFORCED CONCRETE; CONCRETE STRUCTURES SHALL BE PRECAST OR CAST-IN-PLACE. PRECAST STRUCTURE WILL HAVE LIFTING EYES CUT FLUSH.
- 3. ALL REINFORCING STEEL SHALL BE PER ASTM A615, GRADE 60.
- 4. AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED OR RESURFACED CONSISTENT WITH THE NATURAL SURROUNDINGS. GROUND COVER SHALL NOT REDUCE TARGET VISIBILITY.
- PLACE TREATED TIMBERS AGAINST CONCRETE WALL ON L102mm x 102MM x 12.7mm x 102mm [4"x4"x½"x 4"] STEEL ANGLES SPACED A MAXIMUM OF 914mm [3'] ON CENTER. ATTACH ANGLE TO CONCRETE WITH CONCRETE ANCHORS.
- ALL DIMENSIONS ARE INDICATED AS FOLLOWS: METRIC UNITS [ENGLISH] FOR INSTANCE, 1372mm [4'-6"]
- 7. HORIZONTAL CONTROL POINT (A) IS LOCATED ON THE LEFT SIDE OF TARGET AS VIEWED FROM THE FIRING POSITION.
- PROVIDE 13mm [1/2"] CHAMFER ON ALL EXPOSED CONCRETE SURFACES.
- 9. LABEL EACH EMPLACEMENT. COORDINATE WITH RANGE CONTROL FOR NUMBERING SCHEME.
- 10. THIS EMPLACEMENT DETAIL ALSO APPLIES FOR EMPLACEMENTS WITH DOUBLE TARGET ARM LIFTERS (DTASIT).
- 11. RETAINING WALLS MUST BE CONSTRUCTED OUT OF ADEQUATELY CONNECTED TREATED TIMBERS.
- 12. THE DESIGN MUST INCLUDE POSITIVE DRAINAGE AWAY FROM THE TARGET. INCLUDING BELOW GRADE EMPLACEMENTS.

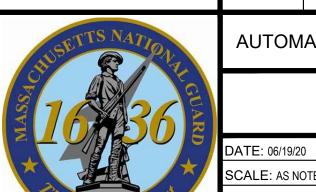
STATIONARY INFANTRY TARGET EMPLACEMENT

SCALE: N.T.S.

Michael Baker INTERNATIONAL

MICHAEL BAKER INTERNATIONAL 125 CAMBRIDGE PARK DRIVE, SUITE 502 CAMBRIDGE, MASSACHUSETTS 02140

AUTOMATED MULTIPURPOSE MACHINE GUN RANGE (MPMG) CAMP EDWARDS JOINT BASE CAPE COD BOURNE, MASSACHUSETTS



DATE	REVISION MADE	BY	AUTHORIZED

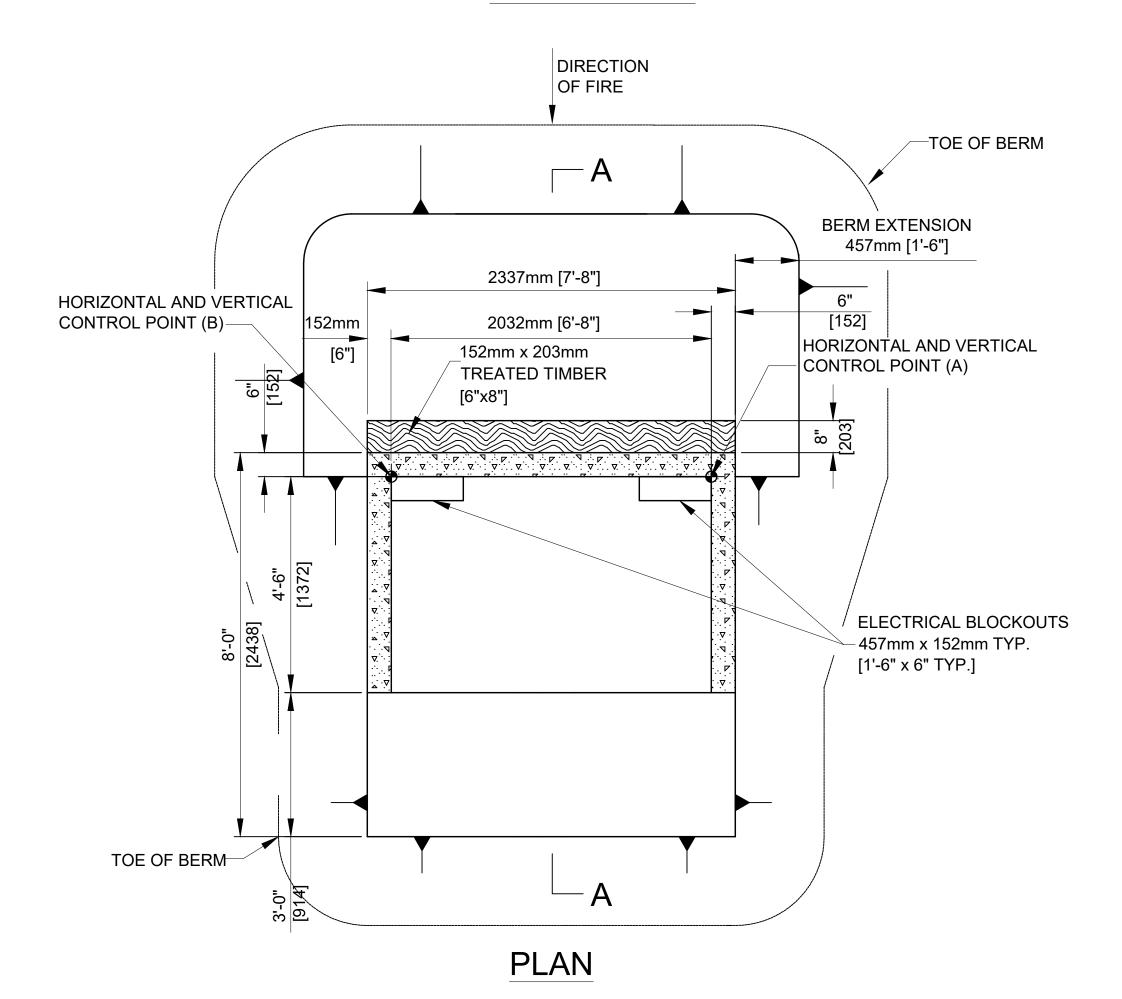
AUTOMATED MULTIPURPOSE MACHINE GUN RANGE (MPMG)

STATIONARY INFANTRY TARGET **EMPLACEMENT DETAILS** 

: 06/19/20	DES BY: DG	BAKER PROJECT NUMBER	SHEI				
E: AS NOTED	DWN BY:DG	170789					
ANSI D	CHK BY: KM	GOV. PROJECT NUMBER	C-				
C-501.DWG		250194FY19	74				

EET NO: -501

## **SECTION A-A**



## **GENERAL NOTES:**

- CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 28MPa (4000psi) IN 28 DAYS.
- EMPLACEMENTS SHALL BE CONSTRUCTED OF REINFORCED CONCRETE; CONCRETE STRUCTURES SHALL BE PRECAST OR CAST-IN-PLACE. PRECAST STRUCTURE WILL HAVE LIFTING EYES CUT FLUSH.
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- 11. THE DESIGN MUST INCLUDE POSITIVE DRAINAGE AWAY FROM THE TARGET, INCLUDING BELOW GRADE EMPLACEMENTS.

WIDENED STATIONARY INFANTRY TARGET EMPLACEMENT SCALE: 1" = 2'

Michael Baker INTERNATIONAL

MICHAEL BAKER INTERNATIONAL 125 CAMBRIDGE PARK DRIVE, SUITE 502 CAMBRIDGE, MASSACHUSETTS 02140

AUTOMATED MULTIPURPOSE MACHINE GUN RANGE (MPMG) CAMP EDWARDS JOINT BASE CAPE COD BOURNE, MASSACHUSETTS



DATE	REVISION MADE	BY	AUTHORIZED

AUTOMATED MULTIPURPOSE MACHINE GUN RANGE (MPMG)

WIDENED STATIONARY INFANTRY TARGET **EMPLACEMENT DETAILS** 

: 06/19/20	DES BY: DG	BAKER PROJECT NUMBER	SHEE			
.E: AS NOTED	DWN BY:DG	170789				
ANSI D	СНК ВҮ: КМ	GOV. PROJECT NUMBER	C-			
C-502.DWG		250194FY19	75			

IEET NO: -502

KATHARINE MAKER CIVIL No. 51631

