RANGE LAYOUT DRAWINGS
MOUNTED/MANEUVER RANGES

TC 25-8 FIGURE NUMBER	FCC *	TITLE	LAYOUT DRAWING DATE	RDG SECTION
12	17841	LAW/AT-4 Range (Subcaliber)	September-06	
13	17845	AntiArmor Tracking & Live-Fire	September-06	X
16	17858	Scout/Recce Gunnery Complex	April-10	X
17	17859	Digital Multipurpose Training Range (DMPTR)	March-06	X
18	17860	Digital Multipurpose Range Complex (DMPRC)	November-05	X
19	17721	Digital Air/Ground Integration Range	July-07	
20	17862	Tank FV Scaled Gunnery Range	April-05	
21	17863	Tank FV Stationary Gunnery Range	August-05	
22	17870	Battle Area Complex	September-06	X
39	17910	Boresight, Screening & Harmonization	November-05	
40	17912	Aerial Gunnery Range	May-10	

RANGE AND TRAINING LAND PROGRAM
MANDATORY CENTER OF EXPERTISE
RANGE DESIGN GUIDE

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US Army Corps of Engineers

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FEBRUARY 2011

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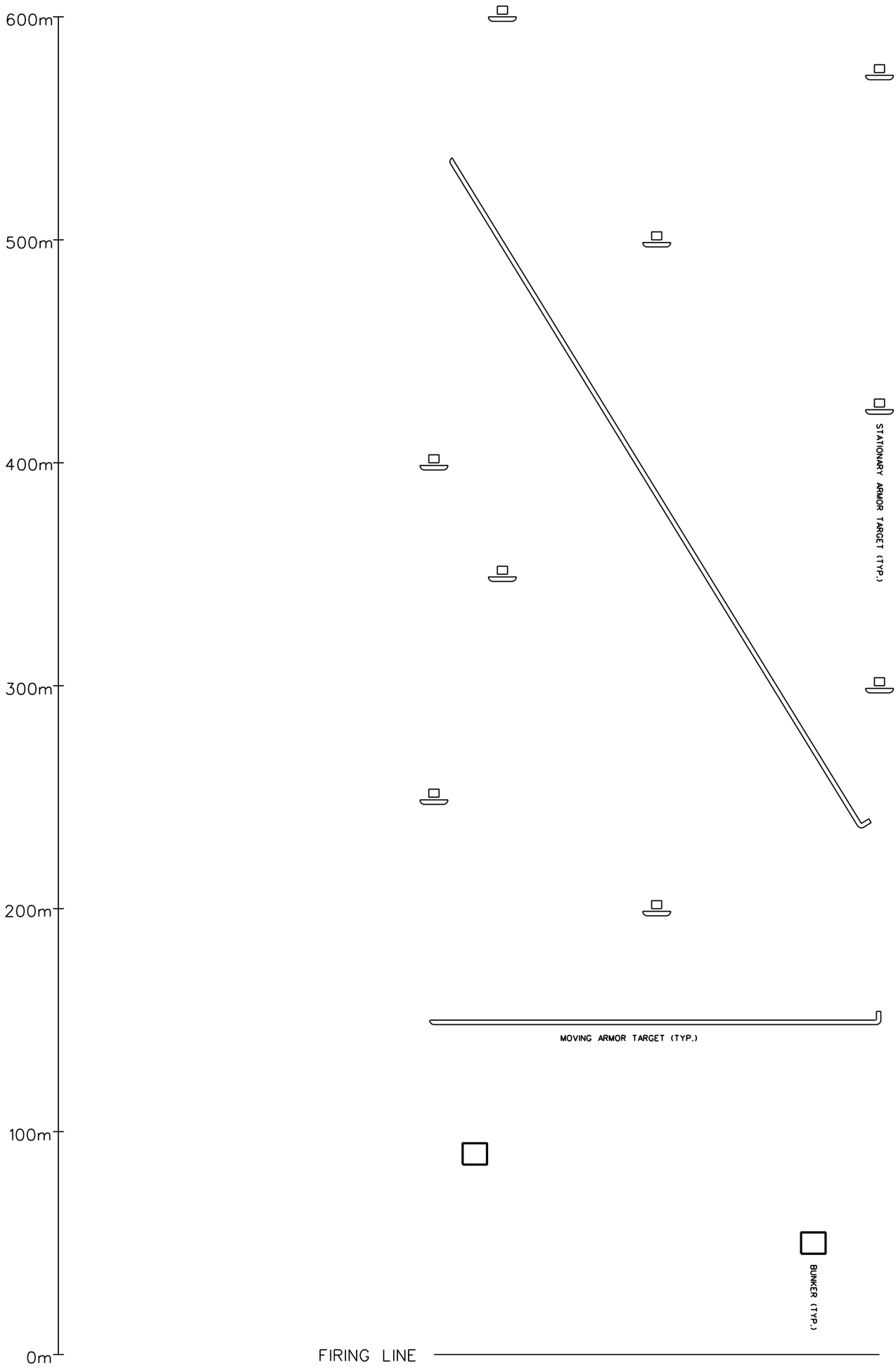
COVER SHEET

Sheet reference number:
RL-00

Sheet of



Sheet reference number: LAA-C-01

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FCC# 17841
LIGHT ANTIARMOR RANGE (SUBCALIBER)

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1 SEP 2006

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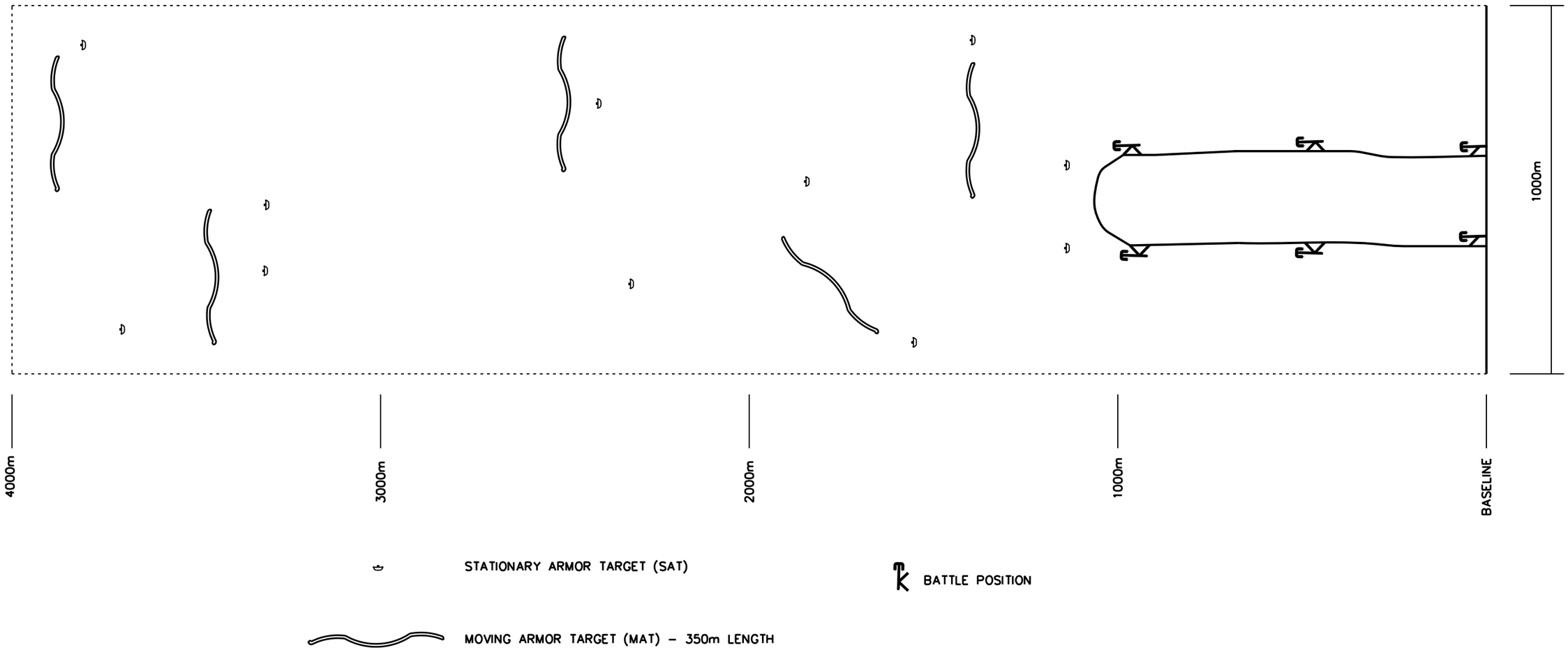

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1 SEP 2006

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FCC- 17845
ANTIARMOR TRACKING AND LIVE FIRE COMPLEX

Sheet reference number:
AAT-C-01

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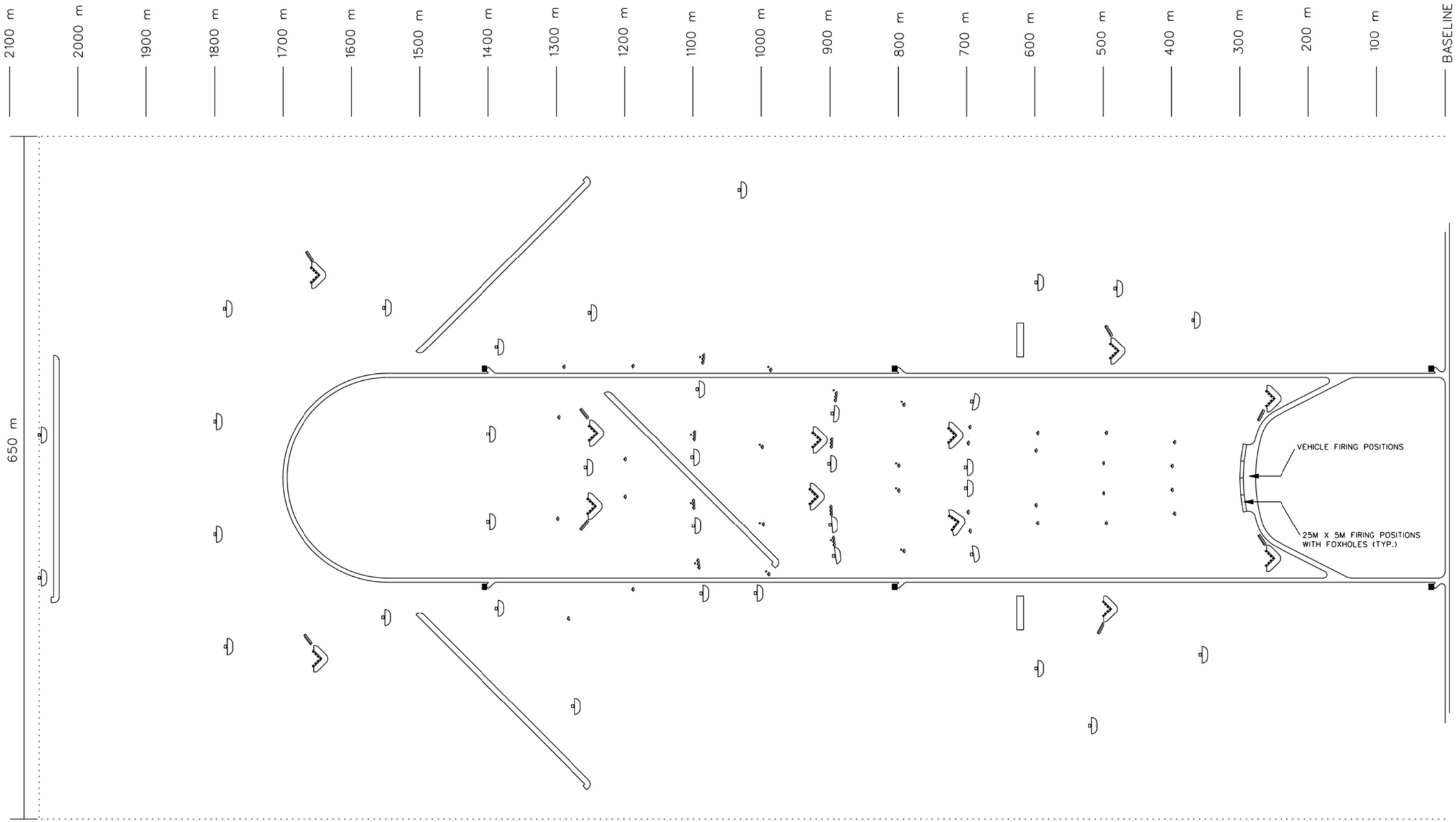

LEGEND

- MOVING ARMOR TARGET (MAT) EMPLACEMENT
- MODIFIED MIN. HULLDOWN (ENLARGED)
- STATIONARY INFANTRY TARGET (SIT) CLUSTER EMPLACEMENT
- STATIONARY ARMOR TARGET (SAT) EMPLACEMENT
- STATIONARY INFANTRY TARGET (SIT) EMPLACEMENT
- SIT EMPLACEMENT WIDENED TO ACCOMMODATE TWO TARGET MECHANISMS
- MOVING INFANTRY TARGET (MIT) EMPLACEMENT
- FACADE

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30 Apr 2010

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FCC- 17858
SCOUT RANGE

Sheet reference number:
SCT-1

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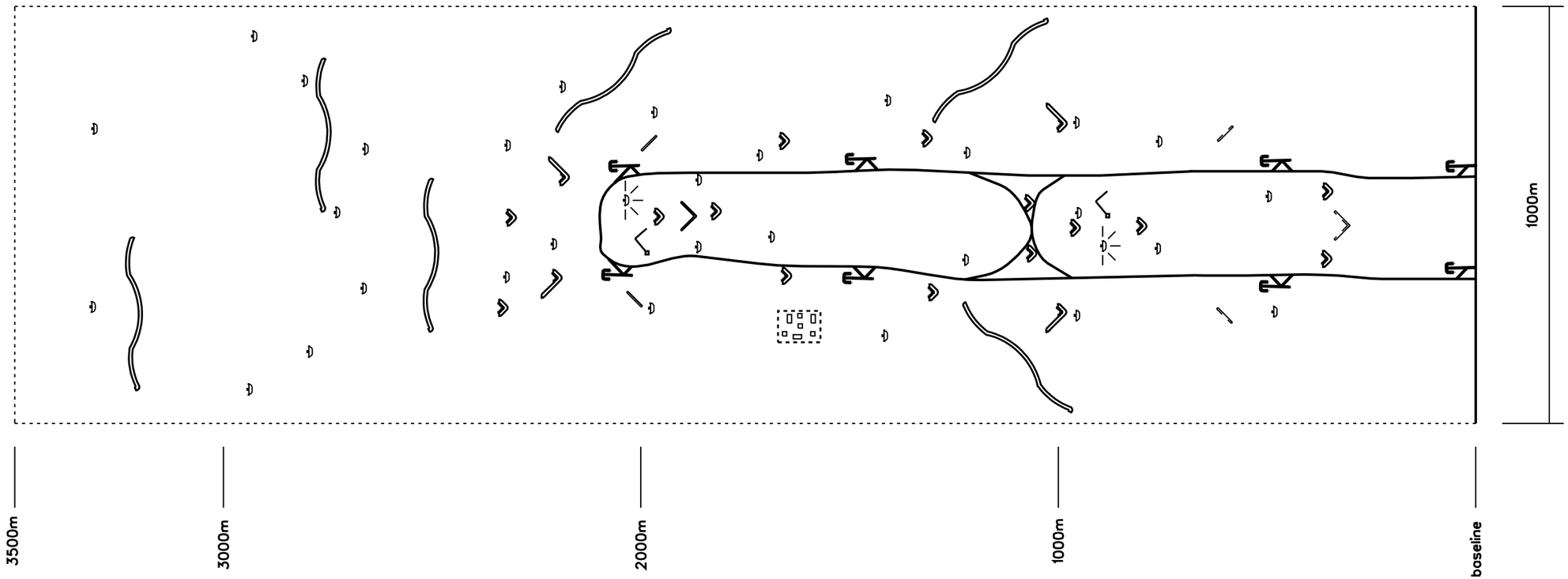

STATIONARY ARMOR TARGET (SAT)

CLUSTER OF 7 STATIONARY INFANTRY TARGETS (SIT)

MOVING ARMOR TARGET (MAT) - 350m LENGTH

CLUSTER OF 6 STATIONARY INFANTRY TARGETS (SIT) AND 1-40m MOVING INFANTRY TARGET (MIT)

BATTLE POSITION

TRENCH WITH BUNKER

FACADE

URBAN CLUSTER

BATTLE EFFECTS SIMULATOR (BES)

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22 MARCH 2006

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FCC# 17859
DIGITAL MULTIPURPOSE TRAINING RANGE

Sheet reference number:
DMT-C-01

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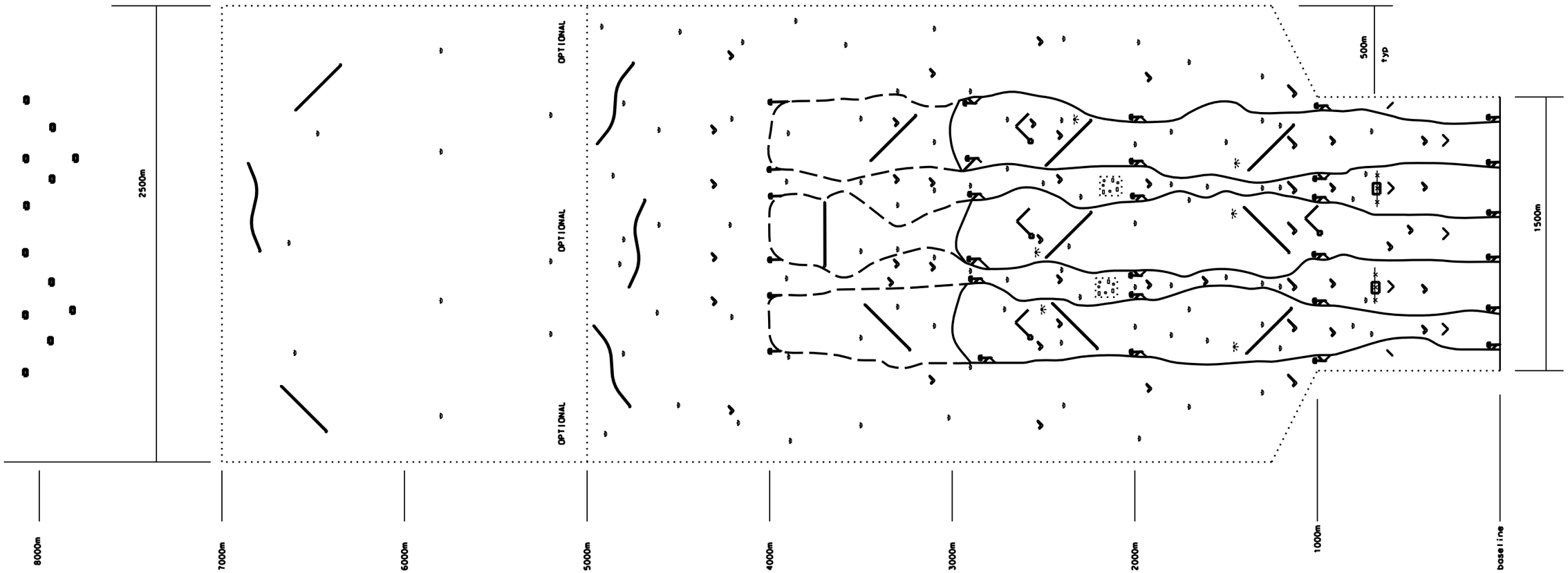

LEGEND

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21 NOV 2005

RANGE AND TRAINING LAND PROGRAM
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FCC- 17860
DIGITAL MULTIPURPOSE RANGE COMPLEX

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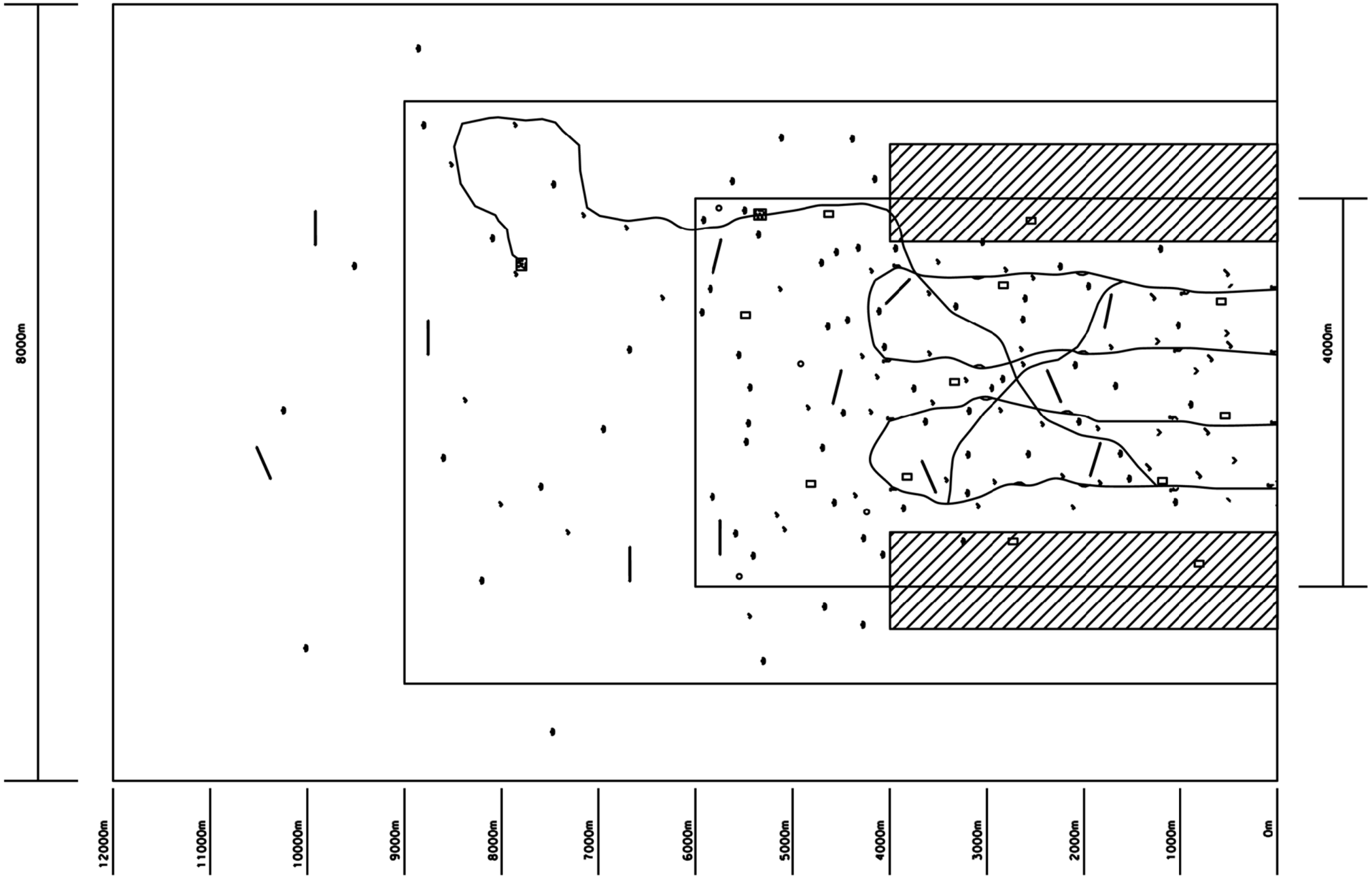

LEGEND

MOVING ARMOR TARGET (MAT) EMPLACEMENT

STATIONARY ARMOR TARGET (SAT) EMPLACEMENT

INFANTRY TARGET EMPLACMENT CLUSTER (6 SIT'S and 1 - 15m MIT)

INFANTRY TARGET EMPLACMENT CLUSTER (6 SIT'S and 1 - 40m MIT)

URBAN CLUSTER

DIVING FIRE TARGET

FACADE

GROUND PLATFORM FREE MANUEVER AREA

AERIAL FIRING POSITION

DEFILADE

HASTY BATTLE POSITION

TRAIL

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24 JULY 2007

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STANDARD DESIGN MANUAL

FCC* 17913
DIGITAL AIR/GROUND INTERGRATION RANGE

Sheet reference number:
DGR-C-01

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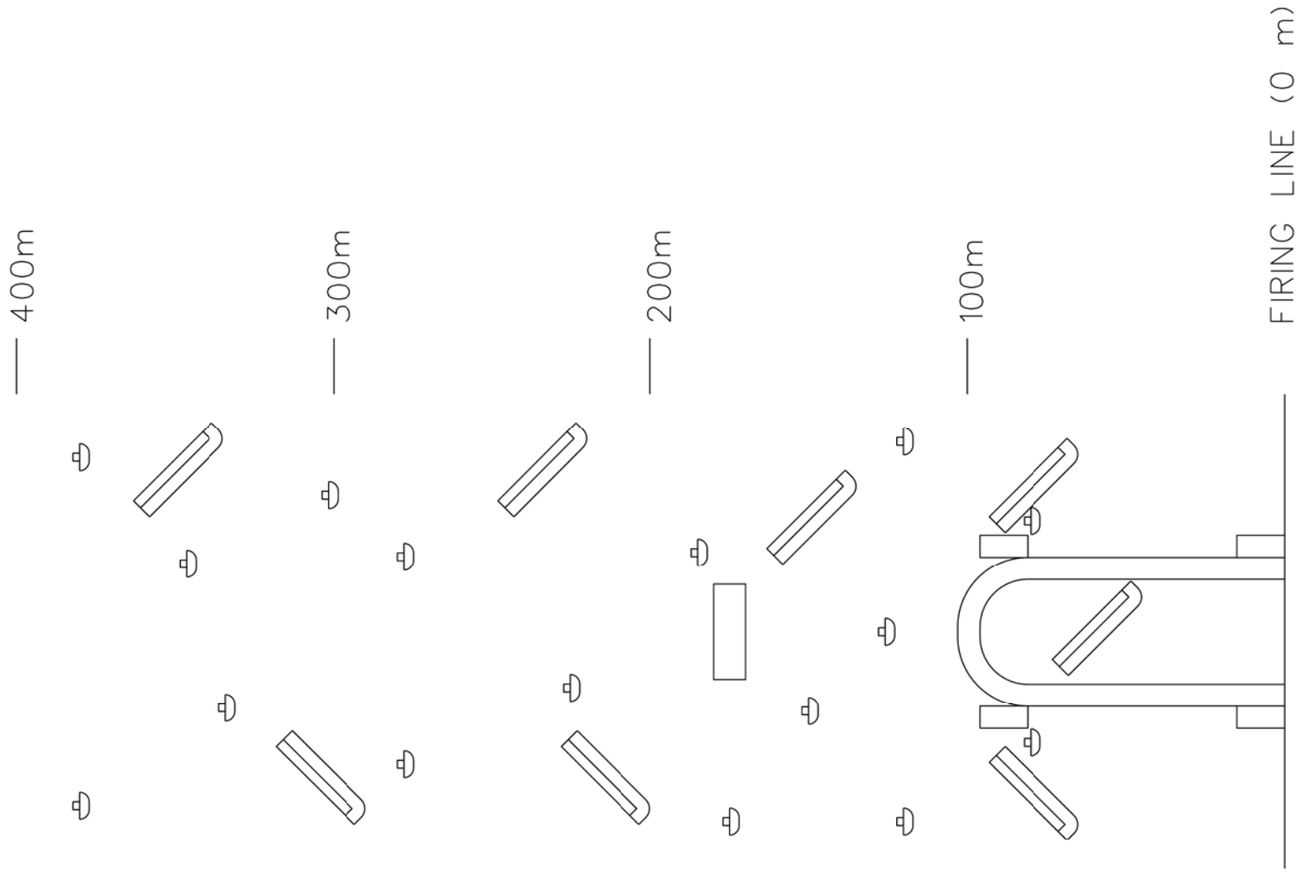

LEGEND:

SIT (STATIONARY INFANTRY TARGET)

MIT (MOVING INFANTRY TARGET)

DEFILADE

FACADE

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FCC- 17862
SCALED GUNNERY RANGE

Sheet reference number:
SG-C-01

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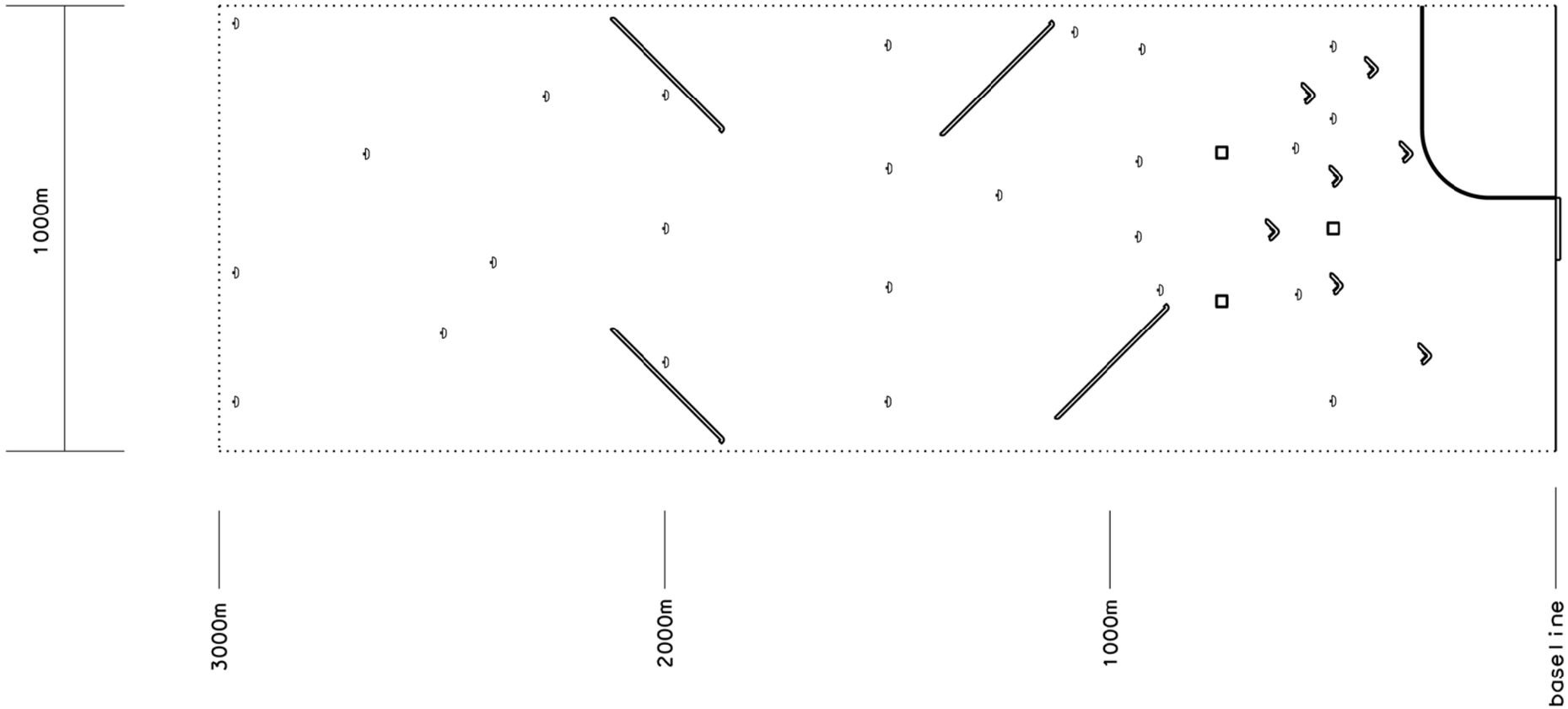

LEGEND

MOVING ARMOR TARGET (MAT) EMPLACEMENT

STATIONARY ARMOR TARGET (SAT) EMPLACEMENT

INFANTRY TARGET EMPLACMENT CLUSTER (6 SIT'S and 1 - 15m MIT)

ZERO PANEL

COURSE ROAD

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FCC* ##### STATIONARY GUNNERY RANGE

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SGR-C-01

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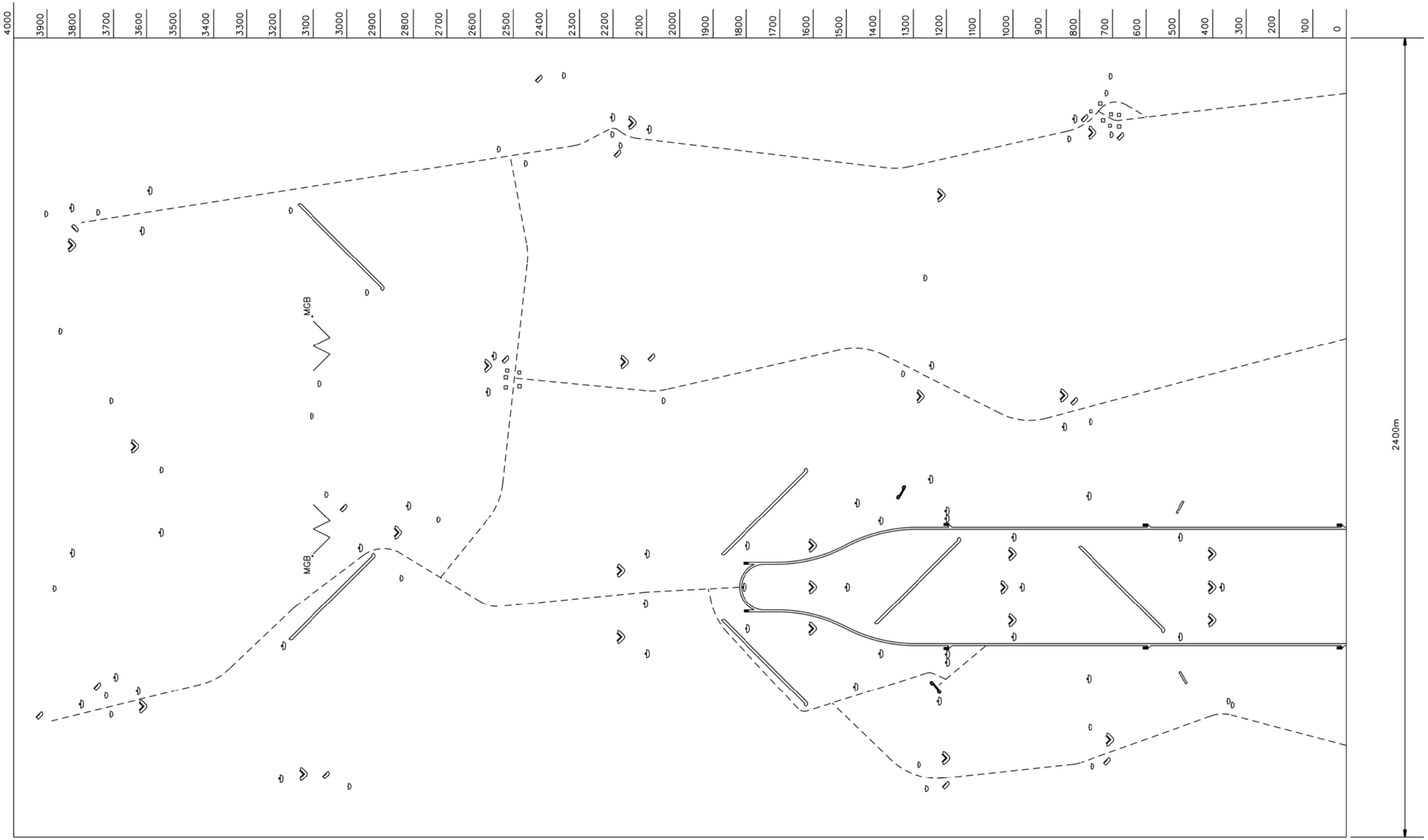

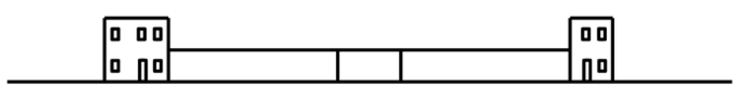

TYPICAL ELEVATION OF BREACH WALL / BUILDING FACADE

LEGEND

- STATIONARY ARMOR TARGET (SAT) EMPLACEMENT
- INFANTRY MOVING TARGET (IMT) EMPLACEMENT
- TRENCH
- FACADE
- STATIONARY INFANTRY TARGET (SIT) EMPLACEMENT
- STATIONARY INFANTRY TARGET (SIT) CLUSTER EMPLACEMENT
- *MGB MACHINEGUN BUNKER
- URBAN CLUSTER
- BREACH WALL / BUILDING FACADE WITH SAT LIFTER
- MOVING ARMOR TARGET (MAT) EMPLACEMENT
- MODIFIED MIN. HULLDOWN (ENLARGED)
- QUALIFICATION TRAIL
- SERVICE ROAD/TACTICAL TRAIL

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FCC* 17870
BATTLE AREA COURSE

Sheet reference number:
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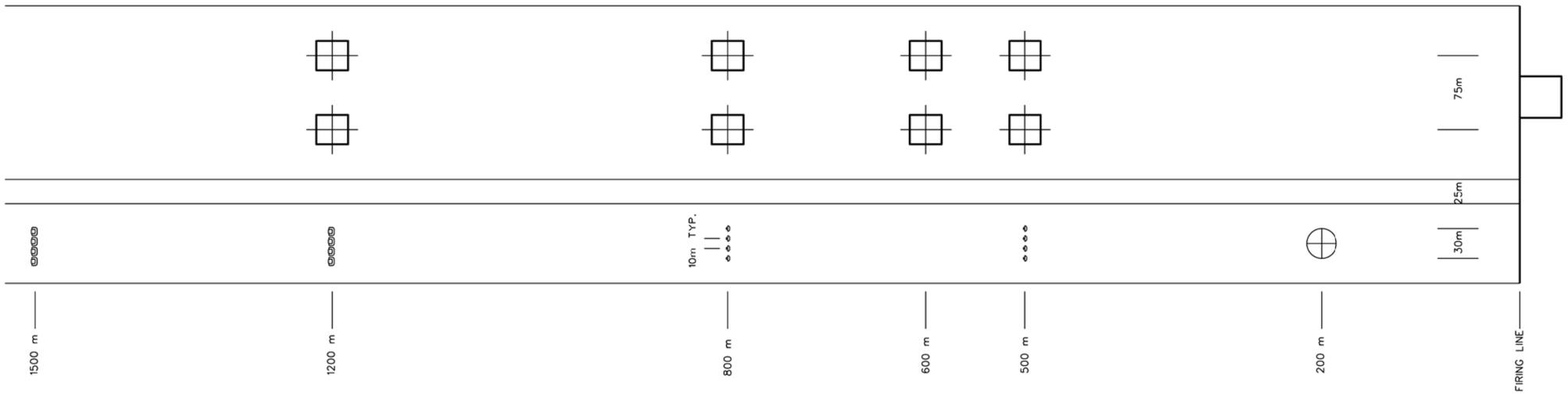

LEGEND:

- SIT (STATIONARY INFANTRY TARGET)
- SAT (STATIONARY ARMOR TARGET)
- BORESIGHT PANEL
- SYNCH RAMP
- HOVER POINT

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FCC* 17
BORESIGHT AND SCREENING RANGE

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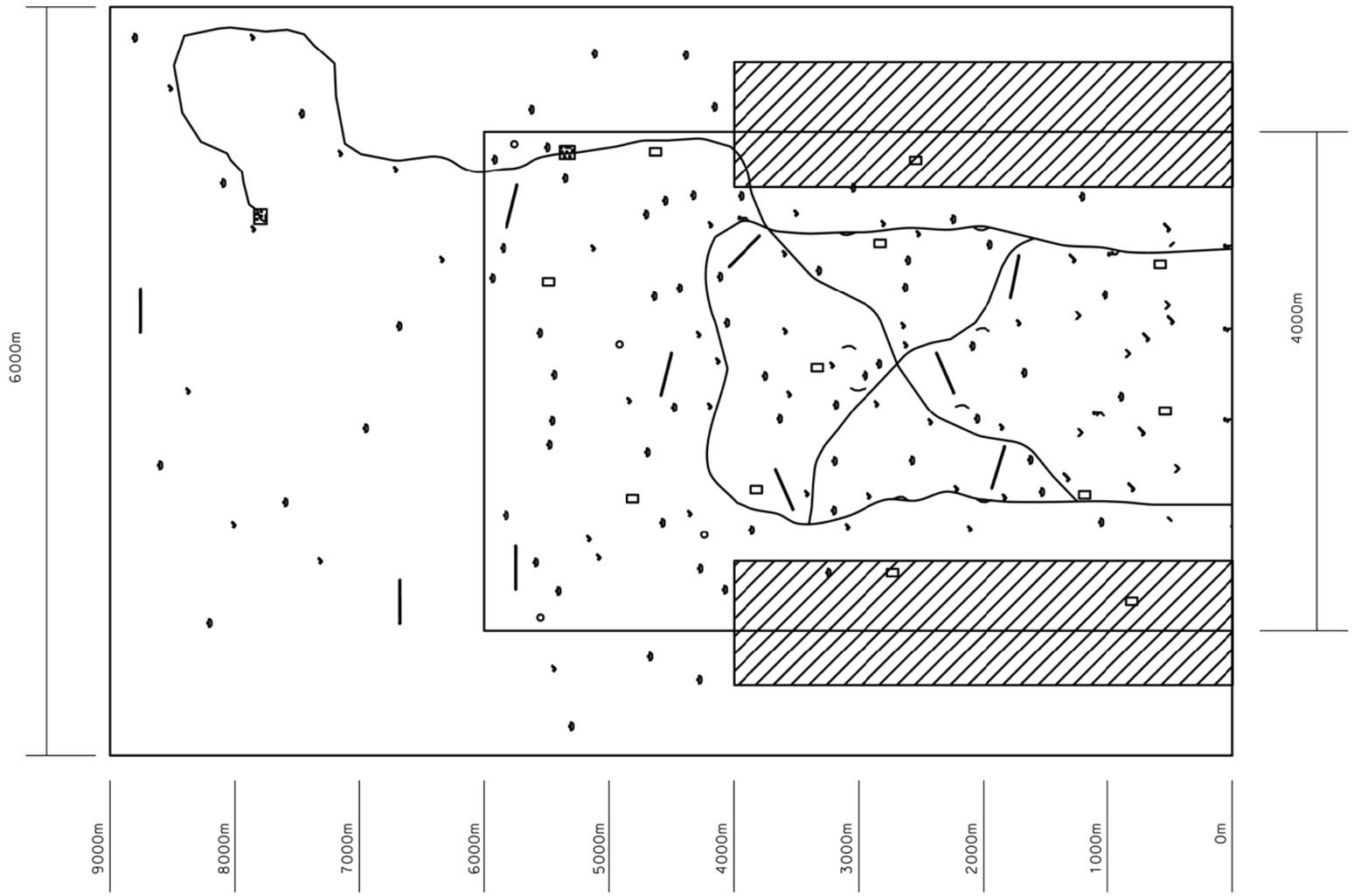

LEGEND

MOVING ARMOR TARGET (MAT) EMPLACEMENT

STATIONARY ARMOR TARGET (SAT) EMPLACEMENT

INFANTRY TARGET EMPLACMENT CLUSTER (6 SIT'S and 1 - 15m MIT)

INFANTRY TARGET EMPLACMENT CLUSTER (6 SIT'S and 1 - 40m MIT)

URBAN CLUSTER

DIVING FIRE TARGET

FACADE

GROUND PLATFORM FREE MANUEVER AREA

AERIAL FIRING POSITION

DEFILADE

HASTY BATTLE POSITION

TRAIL

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MAY 2010

RANGE AND TRAINING LAND PROGRAM
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FCC# 17912
AERIAL GUNNERY RANGE

Sheet reference number:
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