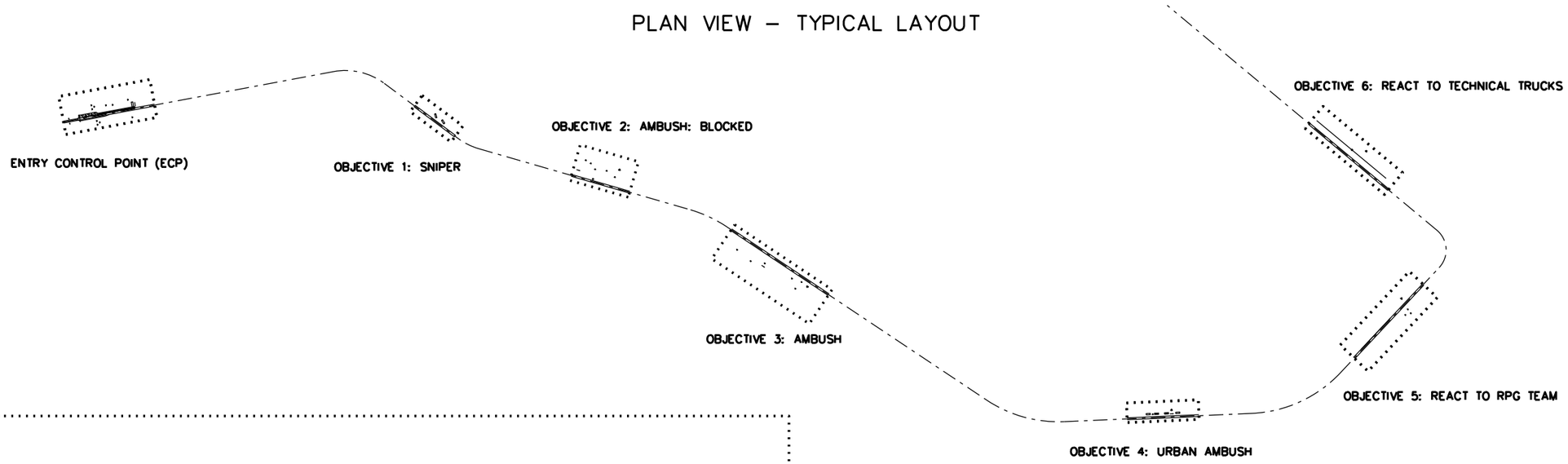
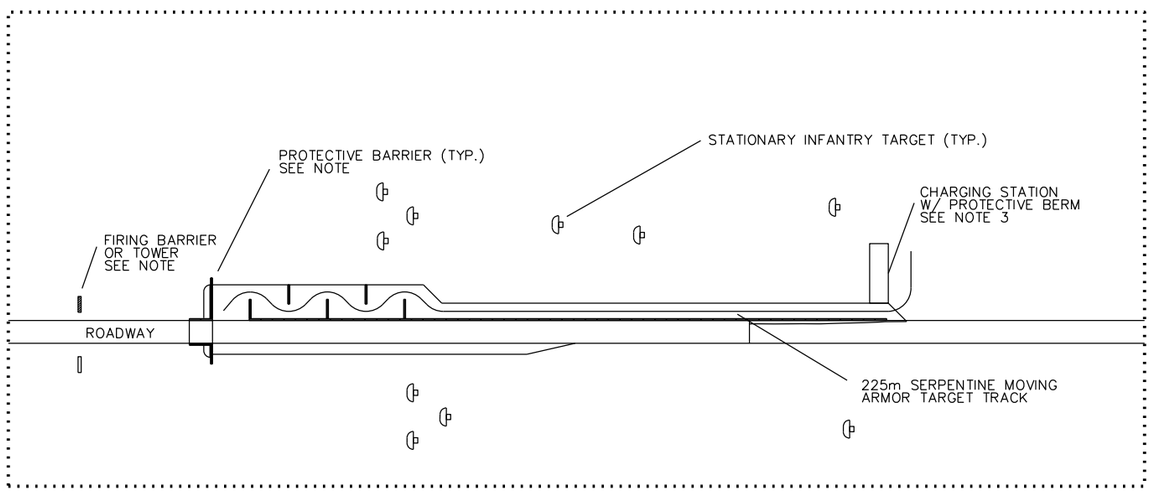
PLAN VIEW – TYPICAL LAYOUT





NOTE: The designer must perform line of sight analysis to ensure that the Entry Control Point Moving Target (ECPMT) mechanism and track are protected while the target is visible along the entire length from all firing points.

ENTRY CONTROL POINT (ECP)

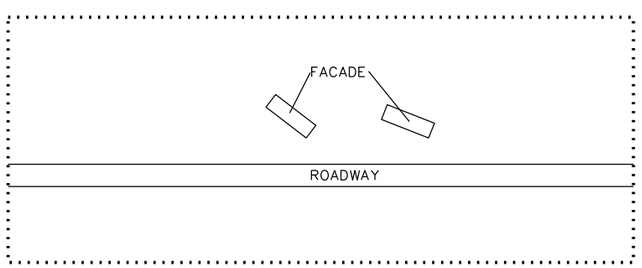
NOTES

1. LAYOUT SHOULD BE ADJUSTED AS REQUIRED TO FIT INSTALLATION SDZ AND SPECIFIC TRAINING REQUIREMENTS

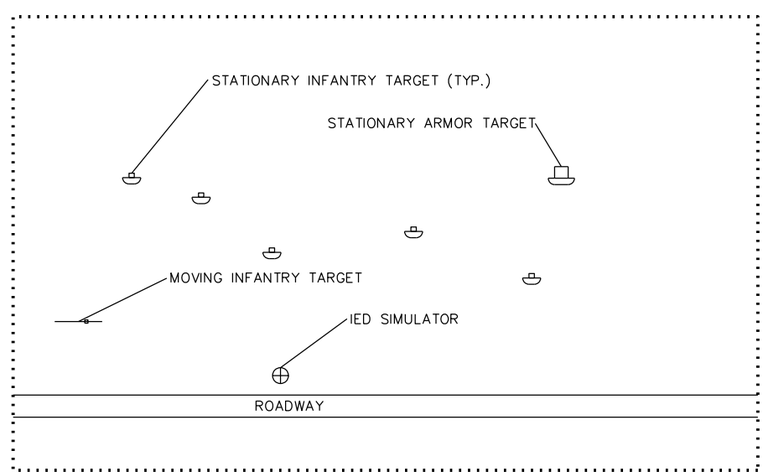
2. USE EXISTING ROADS WHEN POSSIBLE

3. FOR THE SERPENTINE MAT ON THE ECP (ECPMT), PROVIDE THE STANDARD TARGET POWER AND DATA CONFIGURATION EXCEPT INCREASE THE TARGET POWER CIRCUIT TO 30 AMPS. PROVIDE A 30 AMP CIRCUIT BREAKER FEEDING AN L14-30R POWER OUTLET FOR THE TARGET POWER OUTLET.

4. NOMINAL RADIUS FOR ECPMT IS 25FT WITH A SWEEP ANGLE OF 26 DEGREES.



OBJECTIVE 1: SNIPER



OBJECTIVE 2: AMBUSH: BLOCKED

EMPLACEMENT TABLE

	SIT	MIT	SAT	MAT	Serpentine MAT	Facade
ECP	10				1	
Obj 1						2
Obj 2	5	1	1			
Obj 3	6	1	1			
Obj 4	1	1	1			4
Obj 5	3		1			
Obj 6			1	1		
Total	25	3	5	1	1	6

NOTE: TABLE LISTS THE EMPLACEMENTS THAT ARE STANDARD FOR EACH STATION; LIFTERS ARE ALSO PROVIDED FOR FACADES.

US Army Corps of Engineers

Rev.	Description	Date	Approved

Designed by: | Date: | Rev.
Dwn by: | Ckd by: | Design file no.
Reviewed by: | Drawing code:
Submitted by: | File name: Plot scale: Plot date:

U. S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
HUNTSVILLE, ALABAMA

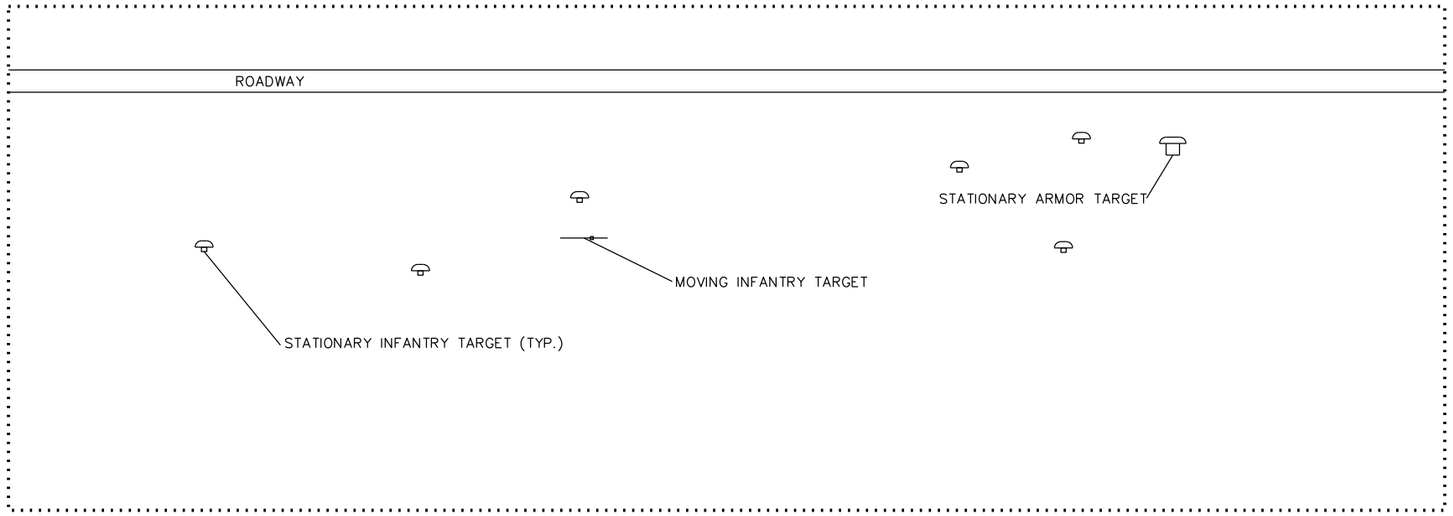
FEBRUARY 2016

RANGE AND TRAINING LAND PROGRAM
STANDARD DESIGN MANUAL

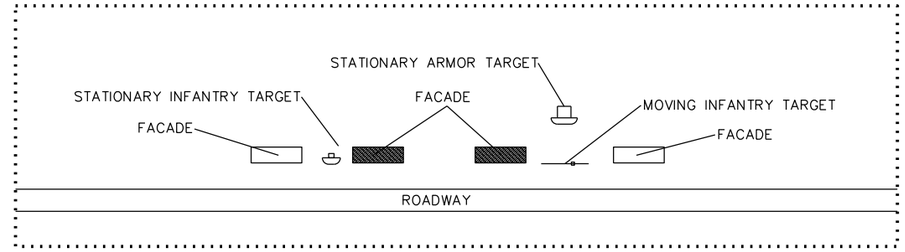
FCC# 17771
CONVOY LIVE FIRE RANGE

Sheet reference number:
CLF-1

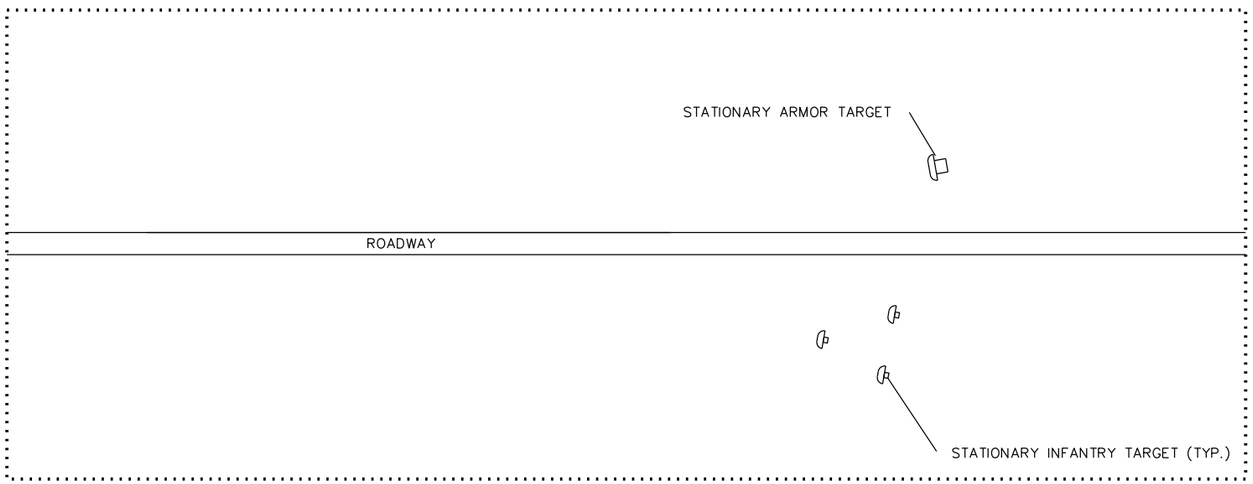
Sheet of



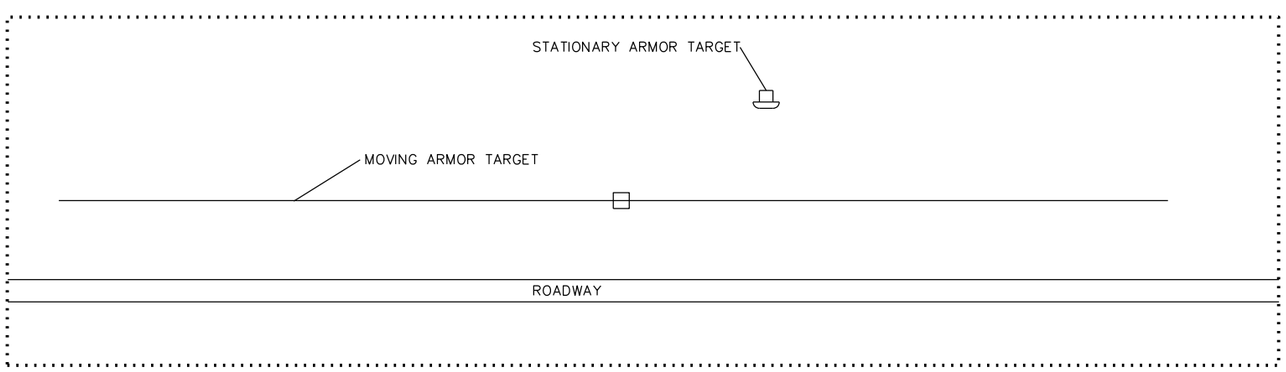
OBJECTIVE 3: AMBUSH



OBJECTIVE 4: URBAN AMBUSH



OBJECTIVE 5: REACT TO RPG TEAM



OBJECTIVE 6: REACT TO TECHNICAL TRUCKS

US Army Corps of Engineers

Rev.	Description	Date	Approved

Designed by:
Dwn by:
Ckd by:
Reviewed by:
Submitted by:
Date:
Rev.
Design file no.
Drawing code:
File name:
Plot scale:
Plot date:

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