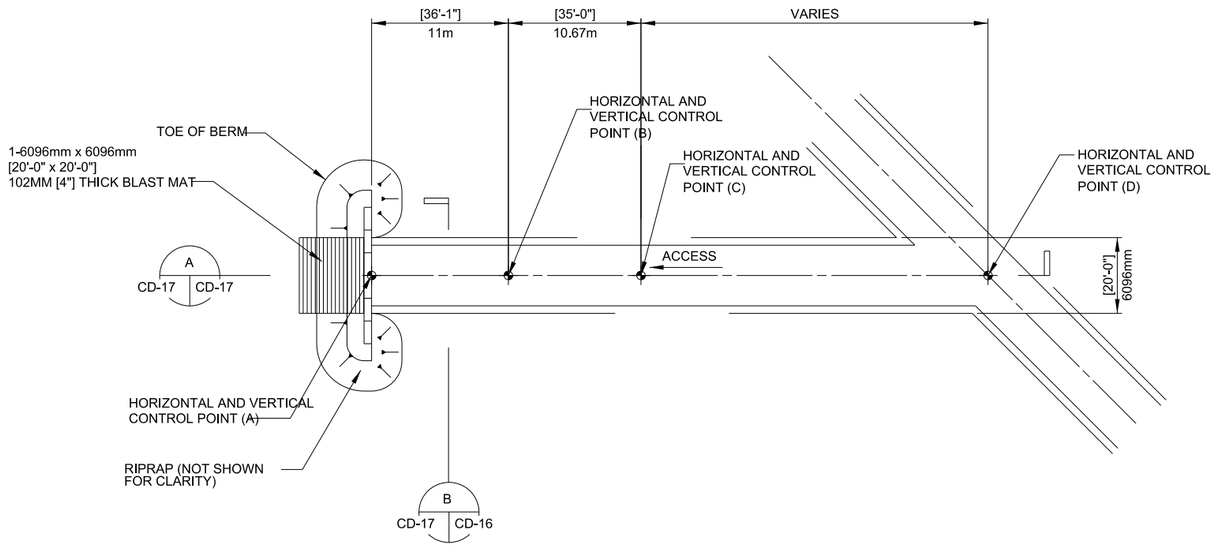
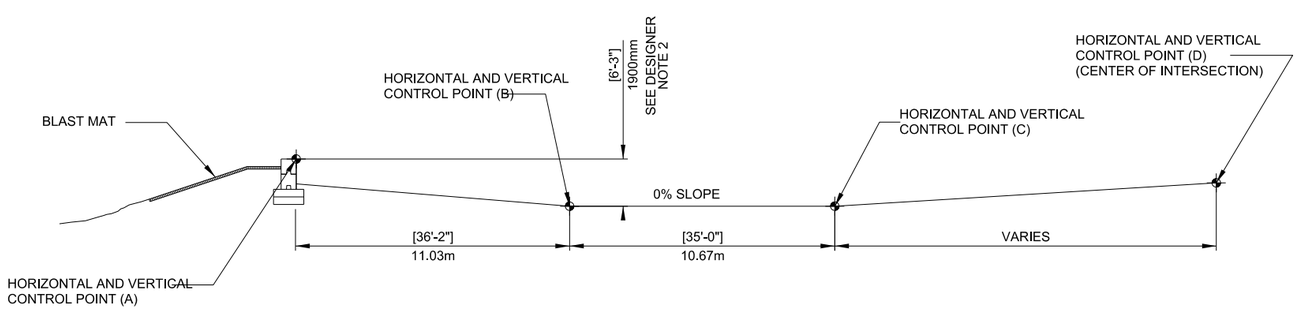



## PLAN

SCALE: 1" = 20'

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## ACCESS ELEVATION

SCALE: 1" = 10'

## DEFILADE (HULL DOWN)

GENERAL NOTES:

1. CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 28 MPa [4000PSI] IN 28 DAYS.
2. ALL REINFORCING STEEL SHALL BE PER ASTM A615, GRADE 60.
3. AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED OR RESURFACED CONSISTENT WITH THE NATURAL SURROUNDINGS. GROUND COVER SHALL NOT REDUCE TARGET VISIBILITY.
4. ALL DIMENSIONS ARE INDICATED AS FOLLOWS: METRIC [ENGLISH] UNITS FOR INSTANCE, 1372mm [4'-6"]

NOTES TO DESIGNER:

1. FOR DEFILADES LOCATED ON THE RIGHT SIDE OF THE TRAIL, PLAN SHOULD BE ANNOTATED FOR CONSTRUCTION IN A MIRROR IMAGE CONFIGURATION TO THAT SHOWN.
2. HULL DOWN HEIGHT SHALL BE COORDINATED WITH THE TRAINER. (HEIGHT MUST BE BELOW THAT OF THE TANK COMMANDER'S SIGHT)
3. SLOPED AREA AND TOP OF BERM IN FRONT OF RETAINING WALL SHALL BE COVERED WITH RIP-RAP DOWN TO THE POINT WHERE IT TIES TO EXISTING GROUND

## LEGEND

RIP-RAP

BLASTMAT

CONCRETE

GRAPHIC SCALES:

10 0 10 20
SCALE: 1" = 10'

20 0 20 40
SCALE: 1" = 20'

US ARMY CORPS OF ENGINEERS

| SYMBOL | DESCRIPTION | DATE | BY |
|---|---|---|---|

DESIGNED BY: $$DESIGNER$$ | DATE: $$DATE$$
DRAWN BY: $$DRAWN$$ | REVIEWED BY: $$CHKD$$ | SOLICITATION NO.: $$SOLICITATION NO.$$
SUBMITTED BY: $$SUBMITTED$$ | CONTRACT NO.:
FILE NAME: $$$$FORTNAME | CATEGORY CODE: N/A
SIZE: B 17"X11" | PLOT SCALE: | PLOT DATE: $$$$DATE

U.S. ARMY CORPS OF ENGINEERS
ENGINEERING & SUPPORT CENTER
HUNTSVILLE, AL

JANUARY 2013

RANGE AND TRAINING LAND PROGRAM
STANDARD DESIGN MANUAL

# HULL DOWN DEFILADE PLAN AND ELEVATIONS

PLATE REFERENCE NUMBER
CD-17

SHEETPAGES

$$STATUS$$