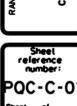
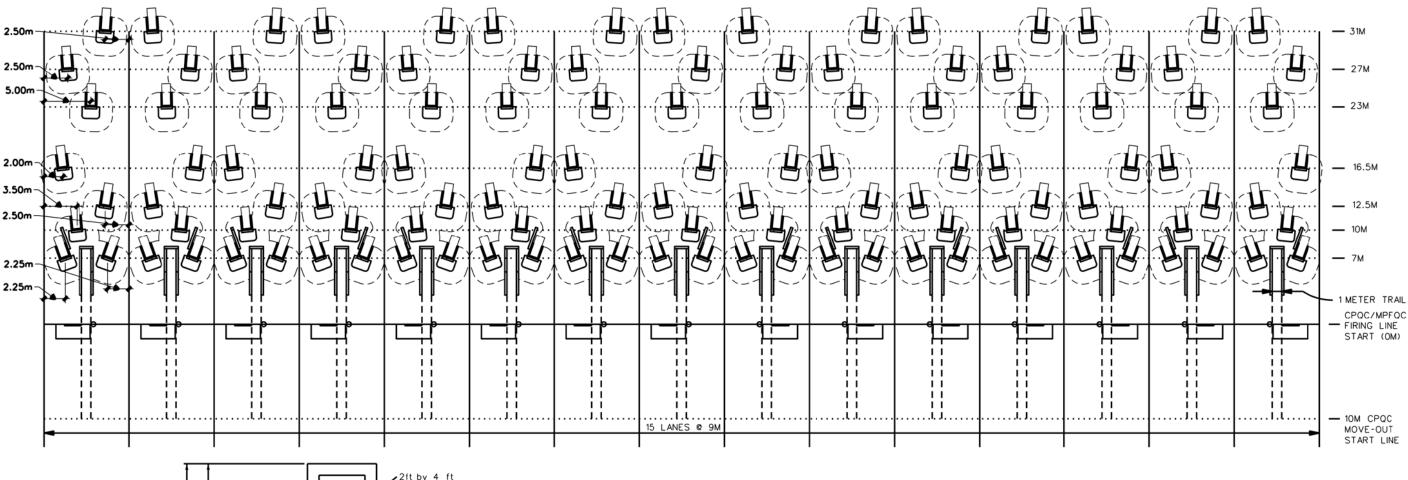
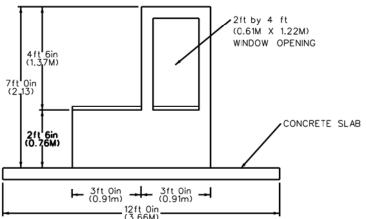




E AND TRAINING LAND PROGRAM STANDARD DESIGN MANUAL







MP FIREARMS BARRICADE

LEGEND

SIT (STATIONARY INFANTRY TARGET)

BOOT (HOLDING BOOT FOR MAGAZINE TABLE STAND LOCATED AT CPQC FIRING LINE 0

CONCRETE PAD 3.66M X 1.52M (12'-0" x 5'-0") $oldsymbol{oldsymbol{\sqcup}}$ with MP firearms barricade - refer to detail

NOTES TO DESIGNER:

- ORIENT TARGETS TO FACE THE CENTER OF THE TRAIL AT THE CPQC FIRING LINE FOR EACH LANE.
- 2. SUPPORT FACILITIES MUST BE SITE ADAPTED TO MEET LOCAL REQUIREMENTS
- 3. TARGET LOCATIONS WITHIN EACH LANE MAY BE MOVED LEFT OR RIGHT IF NECESSARY. DISTANCE FROM FIRING LINE IS FIXED.
- 4. WALKOUT TRAIL EXTENDS 8M PAST FIRING LINE. ADD WOOD RETAINING WALLS TO KEEP BERMS OFF OF WALKING TRAIL.

SIT (STATIONARY INFANTRY TARGET)

□ LMX LIMIT MARKER, X IS A REPRESENATIVE NUMBER.

USX(Y) DIRECT BURIED 3/C POWER CABLE - X INDICATES SIZE
IN AWG. (Y) INDICATES NUMBER OF 3/C CABLES IN TRENCH.
(Y) NOT SHOWN FOR SINGLE 3/C CABLE.

CAT(X) DIRECT BURIED SHIELDED CAT5E NETWORK CABLE. X INDICATES NUMBER OF 4-PAIR CABLES IN TRENCH

MX DIRECT BURIED POWER FOR RANGE LIMIT MARKER. X INDICATES SIZE IN AWG.

DTR DATA TERMINATION RACK

MTDP MASTER TARGET DATA PANEL

TDP TARGET DATA PANEL

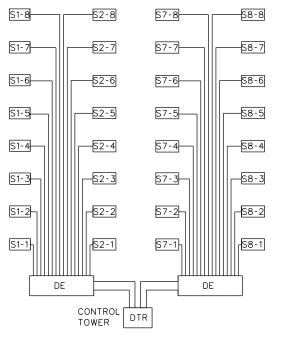
DPP DISTRIBUTION POWER PANEL

LC TARGET EMPLACEMENT LOAD CENTER

X,N X DENOTES NUMBER OF SECONDARY CABLES N DENOTES NUMBER OF CATSE CABLES

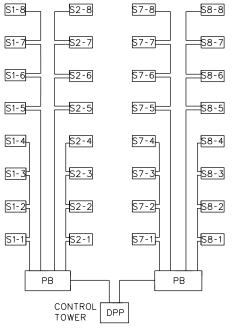
NOTES TO DESIGNER:

- LAYOUT SHOWN IS FOR TYPICAL CPMPQC. ACTUAL LAYOUT OF TRENCHING MUST BE COORDINATED AROUND EXISTING ENVIRONMENTAL AND UXO CONDITIONS.
- 2. CONDUCTOR SIZING MUST BE VALIDATED USING TARGET FEEDER VOLTAGE DROP CALCULATOR. CALCULATOR CAN BE FOUND ON RANGE DESIGN GUIDE.
- 3. CATSE CABLE MUST HAVE AN INSTALLED LENGTH LESS THAN 295'. IF DATA CABLE LENGTH WILL EXCEED LIMIT FIBER OPTIC CABLE MUST BE INSTALLED.
- 4. TO MINIMIZE TRENCHING, COLOCATE POWER AND DATA CABLES WHERE POSSIBLE.
- 5. THE DESIGNER MUST PROVIDE A COMPLETE SITE DRAWING, A COMPLETE DATA ONE-LINE DIAGRAM, AND A COMPLETE SECONDARY POWER ONE-LINE DIAGRAM AS PART OF THE DESIGN DOCUMENTS FOR SPECIFIC PROJECTS. SAMPLE DIAGRAMS OR PLANS ARE NOT ACCEPTABLE.



SAMPLE DATA ONE-LINE

ALL CABLES ARE 4-PAIR COPPER STP



SAMPLE POWER ONE-LINE
ALL CABLES ARE USX. SEE LEGEND.

US Army Corps of Engineers

Dotes Rev.

Design Ne no.

Design Ne no.

The name:

Pay office Photosics

Pay office Ph

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

OCTOBER 2018

See

IGE AND TRAINING LAND PROGRA STANDARD DESIGN MANUAL COMBAT PISTOL - MALITARY COLCE QUARTERATION COURSE

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