

TRACK CHANGES PAGE:

**DATE**

**SECTION**

• **CHANGE**

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12 January 2012

Final Submittal 1391 Back Information

9 November 2011

RCCB 11-02 PIL

RCCB 11-03 PIL

3 August 2011

A-01 Control Tower – Small Arms

A-02 Control Tower – Instrumented Ranges

A-03 Control Tower – Non-Instrumented Ranges

A-04 Operations Storage Building

A-05 Operations Storage Building – Large

A-06 Aerated Vault Latrine

A-07 Water Closet Latrine

A-08 Covered Mess

A-09 Ammunition Breakdown Building

A-10 Bleacher Enclosure

A-11 Classroom Building

A-16 Ammunition Loading Dock

A-17 Vehicle Instrumentation Dock

A-18 Battery Storage – Charging Building

CD-26 Camera Tower

CD-27 Camera Tower

CD-28 Camera Tower

21 July 2011

A-05 Operations Storage Building – Large

CD-01 SIT

CD-02 SIT Widened

CD-03 MIT Above Grade

CD-04 MIT Below Grade

CD-06 Cluster

CD-07 SAT Frontal

CD-08 SAT Flank

CD-09 MAT

CD-10 MAT Wall

CD-11 Concrete Block Details

CD-23 FARP July 2011

CD-24 FARP July 2011

MAT Narrative  
MIT Narrative  
SAT Narrative  
SIT Narrative

29 June 2011

Camera Narrative

22 June 2011

SHH-E-01 Shoothouse – Electrical

7 June 2011

A-05 Operations and Storage Building – Large  
A-12 Small AAR  
A-13 Instrumented Range AAR

2 June 2011

A-01 Control Tower – Small Arms  
A-02 Control Tower – Instrumented Ranges  
A-03 Control Tower – Non-Instrumented Ranges

18 May 2011

Shadow UAS Training Facility Documents  
PIL Memo (dated 27 April 2011)

23 March 2011

Range Layouts Small Arms

13 March 2011

CD-23 FARP Plan  
CD-24 FARP Plan  
CD-25 FARP Plan

18 February 2011

Range Layouts Mounted Maneuver  
Range Layouts Non-Automated  
Range Layouts Small Arms  
Range Layouts Urban

16 February 2011

Standard Range Towers

14 February 2011

DMT-C-01 DMPTR  
HVS-C-01 Heavy Sniper  
MGR-C-01 MPMG

PQC-C-01 CPMPQC  
QTR-C-01 QTR  
SCT-C-01 Scout Recce  
SDR-C-01 Squad Defense  
SFF-C-01 Sniper Field Fire

14 December 2010

A-06 Aerated Vault Latrine  
A-14 Ammunition Loading Dock  
A-15 Vehicle Instrumentation

8 December 2010

FAC-A-02 Single Façade

10 November 2010

ROCA Downrange Inventory Matrix

9 November 2010

UAC-A-01 UAC Station 1  
UAC-A-02 UAC Station 2  
UAC-C-01

13 October 2010

Rappel Anchor Narrative

8 October 2010

Shoothouse Electrical and Data

15 June 2010

CD-04 MIT  
SAT

27 May 2010

Downrange Power Data Targets-UAC

5 February 2010

CTF-14 Residence

- Revisions were made to CTF-14 Residence, please contact Mr. Marcus Searles at [marcus.j.searles@us.army.mil](mailto:marcus.j.searles@us.army.mil) for details

3 February 2010

A-01 ROC-Tower  
A-02 ROC-Small  
A-03 ROC-Large  
A-04 Operations-Storage  
A-05 General Instruction

A-06 Latrine Vault  
A-07 Latrine Water  
A-08 Covered Mess  
A-09 Ammo Breakdown  
A-10 Bleacher Enclosure  
A-11 AAR Small  
A-12 AAR Large  
A-13 Ammo Loading Dock  
A-14 Battery Building  
A-15 Instrumentation Dock  
After Action Review Building (AAR) – Large  
After Action Review Building (AAR) – Small  
Ammo Loading Dock  
Surface Danger Zones  
UAC-A-01 UAC Station 1  
UAC-A-02 UAC Station 2  
UAC-A-03 UAC Station 3

- Revisions were made to the aforementioned documents, please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details.

12 August 2009

Downrange Power & Data – General

- Added UXO section.
- Clarified conduit requirements for buried cables
- Removed all references to Multi-Mode fiber optic cable. Single Mode in the only type now allowed.
- Clarified cable terminations.
- Clarified data cable surge protection requirements.
- Clarified interior cabling requirements. (Only occurs in training buildings)

12 August 2009

Downrange Power & Data – Over 300 Meters

- Changed the order of the sections so the information was presented in a similar order to other sections of the RDG.
- Revised the Downrange Power and Data Distribution Diagrams to eliminate unnecessary information and simplified diagrams to capture the power and data methodology for ranges covered by this section.
- Revised Data Distribution section to change requirement of down range backbone fiber from many 6-strand cables, to single cables with high number of fiber strands.
- Added guidance on fiber optic cable splicing.
- Removed all references to Multi-Mode fiber optic cable. Single Mode in the only type now allowed.
- Added a section on requirements for providing power and data to MAT type target emplacements.

12 August 2009

Downrange Power & Data – Under 300 Meters

- Changed the order of the sections so the information was presented in a similar order to other sections of the RDG.
- Revised the Downrange Power and Data Distribution Diagrams to eliminate unnecessary information and simplified diagrams to capture the power and data methodology for ranges covered by this section.
- Removed all references to Multi-Mode fiber optic cable. Single Mode is the only type now allowed.

30 March 2009

Downrange Power, Data & Targets –UAC Narrative

- Revised the Downrange Power, Data & Targets –UAC narrative please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

30 March 2009

Signage – Large Arms Narrative

- Revised the Signage – Large Arms narrative, please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

30 March 2009

Signage – Small Arms Narrative

- Revised the Signage – Small Arms narrative, please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

30 March 2009

Data Termination Rack Narrative

- Revised the Data Termination Rack narrative, please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

30 March 2009

SIT Clusters Narrative

- Revised the SIT Clusters narrative, please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

30 March 2009

MTDP ED-06

- Revised the Master Target Data Panel, ED-06 drawing, please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

30 March 2009

UAC-A-03 UAC Station 3

- Revised the Urban Assault Course, A-03 drawing please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

30 March 2009

FAC-A-01 Façade Emplacement Details

- Revised the Façade Emplacement Details drawing, please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

30 March 2009

CD-04 Mortar Simulation Device

- Revised the CD-04 Mortar Simulation Device drawing, please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

26 February 2009

Range Building Target Matrix

- Uploaded the 02 Feb 09 version of the Range Building Target Matrix, please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

26 January 2009

US Army Environmental Command (USAEC)

- Uploaded the USAEC Alternate Designs, please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

26 January 2009

Range Building Target Matrix

- Uploaded the 07 Jan 09 version of the Range Building Target Matrix, please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

23 January 2009

PQC-E-01 CPMQC

- Please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

6 November 2008

A-10 Bleacher Enclosure

- Please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

3 November 2008

Shoothouse and Electrical Data

- Updated the Live Fire Shoothouse Electrical and Data writeup  
Please contact Mr. Clark Ramsey at [clark.ramsey@us.army.mil](mailto:clark.ramsey@us.army.mil) for details

UAC-C-01 Urban Assault Course

- Please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

30 October 2008

ARF-C-1 Automated Record Fire Range

- Please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

Draft TC 25-8 Implementation Letter

- Uploaded the Draft TC 25-8 Implementation Letter

Draft TC 25-8 Range Layouts

- Uploaded the Draft TC 25-8 Range Layouts

MGR-C-01 Multi-Purpose Machine Gun Range

- Please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

MRF-C-01 Modified Record Fire Range

- Please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

QTR-C-01 Qualification Training Range

- Please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

SFF-C-01 Sniper Field Fire

- Please contact Mr. Bob Hasse at [robert.e.hasse@us.army.mil](mailto:robert.e.hasse@us.army.mil) for details

29 October 2008

ED-04 MAT

- Updated the ground cable size for the MAT Track

20 August 2008

Operations/Storage Building Narrative

- Receptacles and Data Communication Requirements revised

8 August 2008

A-03 ROC Large

- Revised the mechanical notes to incorporate the equipment operating temps

A-01 ROC Tower

- Revised the General Notes to classify the facility as Industrial use

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3 July 2008 CACTF Range Updated

30 May 2008 Downrange Power Data Distribution – CACTF File Revised

30 May 2008 Added Data Termination Rack File

30 May 2008 Cameras File Revised

28 February 2008 ED-01 SIT Revised

28 February 2008 ED-02 MIT Revised

28 February 2008 ED-03 SAT Revised

28 February 2008 ED-04 MAT Revised

28 February 2008 ED-05 SIT Cluster Revised

28 February 2008 ED-06 MTDP Revised

12 October 2007 CD-04 MSD Revised

12 October 2007 A-15 Instrumentation Dock Revised

12 October 2007 CII and TII Instructions UAC Revised  
12 October 2007 Downrange Power, Data & Targets – UAC Revised  
12 October 2007 Insp Checklist UAC 11 Revised  
12 October 2007 UAC Narrative Description Revised  
12 October 2007 UAC Range Description Revised  
12 October 2007 UAC-A-01 UAC Station 1 Revised  
12 October 2007 UAC-A-02 UAC Station 2 Revised  
12 October 2007 UAC-A-03 UAC Station 3 Revised  
12 October 2007 UAC-A-04 UAC Station 4 Revised  
12 October 2007 UAC-A-05 UAC Station 5 Revised  
12 October 2007 UAC-C-01 UAC Revised  
12 October 2007 UAC-E-01 UAC Revised

27 September 2006 Aerated Vault Latrine Revised  
27 September 2006 Down Range Power – General Revised  
27 September 2006 Down Range Power – Over 300m Revised  
27 September 2006 Operations and Storage Building Revised  
27 September 2006 Range Operations Center (ROC) - Large Revised  
27 September 2006 Stationary Armor Target (SAT) Revised

13 March 2006 CII-TII Section Revised

10 January 2006 ROCA-Armor Revised  
10 January 2006 ROCA-Small Arms Revised

19 December 2005 Track Changes Page Revised  
19 December 2005 MAT Revised

16 December 2005 Target Matrix Narrative New Appendix  
16 December 2005 SCOUT Numbered Layout (TM) New Appendix  
16 December 2005 SCOUT Target Matrix (Example) New Appendix  
16 December 2005 DMPCRC Numbered Layout (TM) New Appendix  
16 December 2005 DMPCRC Target Matrix (Example) New Appendix  
16 December 2005 DMPTR Numbered Layout (TM) New Appendix  
16 December 2005 DMPTR Target Matrix (Example) New Appendix  
16 December 2005 BAX Numbered Layout (TM) New Appendix  
16 December 2005 BAX Target Matrix (Example) New Appendix  
16 December 2005 AAR-S Revised  
16 December 2005 AATLF Narrative Description Revised  
16 December 2005 Aerated Vault Latrine Revised  
16 December 2005 Ammo Loading Dock Revised  
16 December 2005 Ammo Breakdown Building Revised  
16 December 2005 ARF Narrative Description Revised  
16 December 2005 CACTF Narrative Description Revised  
16 December 2005 Cameras Revised

16 December 2005 Covered Mess Revised  
16 December 2005 DMPTR Narrative Description Revised  
16 December 2005 Downrange P&D – General Revised  
16 December 2005 Downrange P&D – Over 300M Revised  
16 December 2005 Downrange P&D – Under 300M Revised  
16 December 2005 Firing Positions – Small Arms Revised  
16 December 2005 FMR Narrative Description Revised  
16 December 2005 Foreword Revised  
16 December 2005 HSR Narrative Description Revised  
16 December 2005 HSR SDZ Revised  
16 December 2005 IPBC Narrative Description Revised  
16 December 2005 ISBC Narrative Description Revised  
16 December 2005 MIT Revised  
16 December 2005 MPMG Narrative Description Revised  
16 December 2005 Operations/Storage Building Revised  
16 December 2005 QTR Narrative Description Revised  
16 December 2005 QTR SDZ Revised  
16 December 2005 RTLP Info Revised  
16 December 2005 ROC - Large Revised  
16 December 2005 ROC - Small Revised  
16 December 2005 ROC - Tower Revised  
16 December 2005 ROCA - CACTF Revised  
16 December 2005 ROCA - Large Revised  
16 December 2005 ROCA - Small Revised  
16 December 2005 SCOUT Narrative Description Revised  
16 December 2005 SCOUT SDZ Revised  
16 December 2005 SDR Narrative Description Revised  
16 December 2005 Service/Maintenance & Access Roads Revised  
16 December 2005 Signage – Large Arms Revised  
16 December 2005 Signage – Small Arms Revised  
16 December 2005 SIT Revised  
16 December 2005 SIT Clusters Revised  
16 December 2005 UXO Procedures Revised  
16 December 2005 ZERO Narrative Description Revised

21 November 2005 HSR Cover & Title Page New Range  
21 November 2005 HSR Narrative Description New Range  
21 November 2005 HSR SDZ New Range  
21 November 2005 AAR-Small Revised  
21 November 2005 AATLF Narrative Description Revised  
21 November 2005 Downrange P/D-General Revised  
21 November 2005 Environmental Requirements Revised  
21 November 2005 IPBC Narrative Description Revised  
21 November 2005 ISBC Narrative Description Revised  
21 November 2005 MAT Revised  
21 November 2005 MIT Revised

21 November 2005 MPMG Narrative Description Revised  
21 November 2005 ROC - Large Revised  
21 November 2005 ROC-Small Revised  
21 November 2005 ROC - Tower Revised  
21 November 2005 ROCA - CACTF Revised  
21 November 2005 ROCA - Large Revised  
21 November 2005 ROCA - Small Revised  
21 November 2005 SAT Revised  
21 November 2005 SCOUT SDZ Revised  
21 November 2005 SIT Revised  
21 November 2005 SIT Clusters Revised  
21 November 2005 Unit Staging Area Revised  
21 November 2005 ARF-E-01 ARF Revised  
21 November 2005 MRF-E-01 MRF Revised

17 October 2005 Scout Cover & Title Page New Range  
17 October 2005 Scout Narrative Description New Range  
17 October 2005 Scout SDZ New Range  
17 October 2005 Scout Layout New Range  
17 October 2005 SCT-C-01 Scout New Range  
17 October 2005 SCT-E-01 Scout New Range  
17 October 2005 Downrange P/D-General Revised  
17 October 2005 Downrange P/D-CACTF Revised  
17 October 2005 Downrange P/D-Over 300M Revised  
17 October 2005 Downrange P/D-Under 300M Revised  
17 October 2005 Firing Positions-Tanks Revised  
17 October 2005 IPBC Narrative Description Revised  
17 October 2005 ISBC Narrative Description Revised  
17 October 2005 ROC-Small Revised

2 September 2005 QTR Cover & Title Page New Range  
2 September 2005 QTR Narrative Description New Range  
2 September 2005 QTR SDZ New Range  
2 September 2005 QTR-C-01 New Range  
2 September 2005 QTR-E-01 New Range  
2 September 2005 DMPTR Cover & Title Page New Range  
2 September 2005 DMPTR Narrative Description New Range  
2 September 2005 DMPTR SDZ New Range  
2 September 2005 DMT-A-01 DMPTR New Range  
2 September 2005 DMT-C-01 DMPTR New Range  
2 September 2005 DMT-E-01 DMPTR New Range  
2 September 2005 DMC-A-01 DMPRC Addition  
2 September 2005 CD-09-Foxholes Revised  
2 September 2005 Facades & Urban Clusters New Section  
2 September 2005 ROCA - CACTF Updated  
2 September 2005 ROCA - Large Updated

2 September 2005 ROCA – Small Updated  
2 September 2005 AATLF Narrative Description Updated  
2 September 2005 AATLF SDZ Updated  
2 September 2005 AFF Narrative Description Updated  
2 September 2005 AFF SDZ Updated  
2 September 2005 ARF Narrative Description Updated  
2 September 2005 ARF SDZ Updated  
2 September 2005 Breach Facility Narrative Description Updated  
2 September 2005 Breach Facility SDZ Updated  
2 September 2005 CP-MPQC Narrative Description Updated  
2 September 2005 CP-MPQC SDZ Updated  
2 September 2005 DMPRC Narrative Description Updated  
2 September 2005 DMPRC SDZ Updated  
2 September 2005 FMR Narrative Description Updated  
2 September 2005 FMR SDZ Updated  
2 September 2005 ISBC Narrative Description Updated  
2 September 2005 ISBC SDZ Updated  
2 September 2005 IPBC Narrative Description Updated  
2 September 2005 IPBC SDZ Updated  
2 September 2005 MPMG Narrative Description Updated  
2 September 2005 MPMG SDZ Updated  
2 September 2005 MRF Narrative Description Updated  
2 September 2005 MRF SDZ Updated  
2 September 2005 SDR Narrative Description Updated  
2 September 2005 SDR SDZ Updated  
2 September 2005 SFF Narrative Description Updated  
2 September 2005 SFF SDZ Updated  
2 September 2005 UAC Narrative Description Updated  
2 September 2005 UAC SDZ Updated  
2 September 2005 ZERO Narrative Description Updated  
2 September 2005 ZERO SDZ Updated

26 July 2005 AATLF Narrative Description Updated  
26 July 2005 Ammunition Breakdown Building Updated  
26 July 2005 Downrange Power & Data - General Updated  
26 July 2005 Line-of-Sight Verification & Validation Updated  
26 July 2005 Moving Armor Target (MAT) Updated  
26 July 2005 ROC - Large Updated  
26 July 2005 ROC - Small Updated  
26 July 2005 ROC - Tower Updated  
26 July 2005 ROCA - CACTF Updated  
26 July 2005 ROCA – Large Updated  
26 July 2005 ROCA – Small Updated  
26 July 2005 Signage Combined Sections  
26 July 2005 Stationary Armor Target (SAT) Updated  
26 July 2005 CP/MPQC Narrative Description Revised Layout

26 July 2005 CP/MPQC SDZ Revised Layout  
26 July 2005 Zero Cover & Title Page New Range  
26 July 2005 Zero Narrative Description New Range  
26 July 2005 Zero SDZ New Range  
26 July 2005 25Z-C-01 Zero New Range