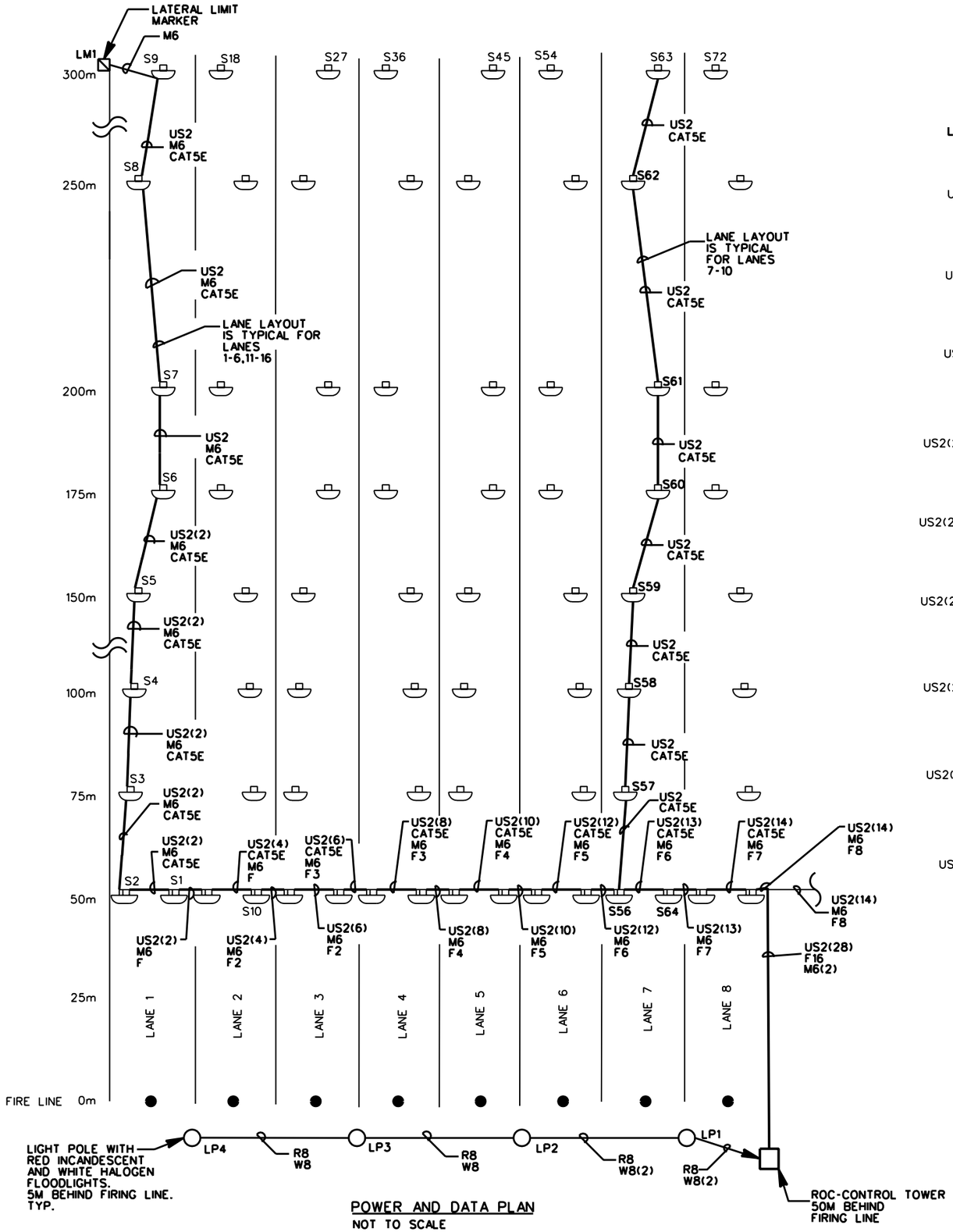
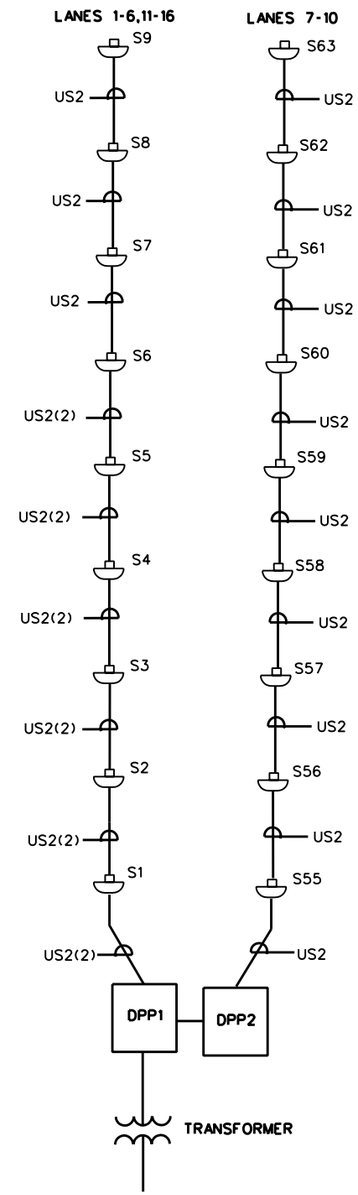
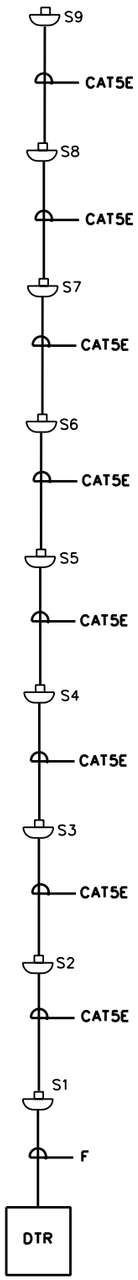


POWER AND DATA PLAN
NOT TO SCALE



SAMPLE POWER ONE-LINE
NOT TO SCALE



SAMPLE DATA ONE-LINE
NOT TO SCALE

LEGEND

- STATIONARY INFANTRY TARGET EMPLACEMENT
- STATIONARY INFANTRY TARGET EMPLACEMENT WITH HOSTILE FIRE SIMULATOR
- FOXHOLE
- SX — SIT - X IS A REPRESENTATIVE NUMBER
- LPX — FLOODLIGHT POLE - X IS A REPRESENTATIVE NUMBER
- LMX — LIMIT MARKER - X IS A REPRESENTATIVE NUMBER
- FX — DIRECT BURIED FIBER OPTIC CABLE - X INDICATES NUMBER OF 6-STRAND CABLES, X NOT SHOWN FOR SINGLE 6-STRAND.
- MX(Y) — DIRECT BURIED POWER CABLE FOR LIMIT MARKER - X INDICATES SIZE IN AWG AND (Y) INDICATES NUMBER OF POWER CIRCUITS.
- USX(Y) — DIRECT BURIED SECONDARY POWER - X INDICATES SIZE IN AWG AND (Y) INDICATES NUMBER OF POWER CIRCUITS.
- DTR — DATA TERMINATION RACK
- DPPX — DOWNRANGE POWER PANEL - X IS A REPRESENTATIVE NUMBER.
- WX(Y) — WHITE FLOODLIGHTS LOCATED ON FLOODPOLES - X INDICATES SIZE IN AWG AND (Y) INDICATES NUMBER OF POWER CIRCUITS.
- RX(Y) — RED FLOODLIGHTS LOCATED ON FLOODPOLES - X INDICATES SIZE IN AWG AND (Y) INDICATES NUMBER OF POWER CIRCUITS.
- CAT5E — DIRECT-BURIED, SHIELDED CATEGORY 5E COPPER NETWORK CABLE.

GENERAL NOTES

1. ONLY ONE HALF OF MODIFIED RECORD FIRE PLAN IS SHOWN. DUPLICATE DOWNRANGE TARGETS/LIMIT MARKERS PLAN FOR OTHER HALF OF MRF.
2. DPPX MAY BE LOCATED NEAR OR ON THE ROC - CONTROL TOWER. LOCATE DPPX 5M MINIMUM BEHIND THE FIRING LINE WHEN MORE THAN 16 LANES ARE REQUIRED.

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 date: | Plot scale:

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

15 APR, 2005

RANGE AND TRAINING LAND PROGRAM
STANDARD DESIGN MANUAL

SAMPLE POWER AND DATA LAYOUT
MODIFIED RECORD FIRE RANGE

Sheet reference number:
MRF-E-01

Sheet of