MATERIALS:

1. 4" X 6" X 10' LUMBER (15 EA)
2. 2" X 12" X 10' LUMBER (10 EA)
3. NAIL, PNEUMATIC 10d 3" HDG (16 EA) - TOENAIL 4" X 6" EDGING
4. NAIL, PNEUMATIC 10d 3" HDG (40 EA) - NAIL 2" X 12" LUMBER
500 BED CAMP SITE LAYOUT

C5

SCALE: 1/64" = 1'-0"

PATIENT/ EXTERNAL PARKING (40K S.F.)

AMBULANCE PARKING ONLY

TRANS/ OFFLOAD YARD (17K S.F.)

GENERATORS PAD (7K S.F.)

AREA FOR FUEL BLADDERS (3K S.F.)

DECON ENTRY/ EXIT (4 PLACES)

OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON, D.C.
AR 415-16
SEPTEMBER 2019

FROM THE CHIEF OF ENGINEERS
WASHINGTON, D.C.

CONTRACT NO.

CHECKED BY:

DRAWN BY:

ISSUE DATE:

FOR ADDITIONAL INFORMATION REGARDING THIS DRAWING VISIT: https://redi-corps.usace.army.mil or Contact UROC@USACE.ARMY.MIL

THIS FACILITY IS DESIGNED IN ACCORDANCE WITH UFC 1-201-01 INITIAL STANDARDS
PATIENT TENT, 15-BED, MGPTS, 108FT X 18FT
FACILITY ID#

NATIONAL STANDARDS
A. UNIFIED FACILITIES CRITERIA
1. UFC 1-201-01 NON-PERMANENT DOD FACILITIES SUPPORT OF MILITARY OPERATIONS ---- 2015-01-01
2. UFC-010-01 DoD MINIMUM STANDARDS FOR ANTITERRORISM STANDARDS FOR BUILDING with CHANGE 1 ---- 2015-01-01

GENERAL ASSUMPTIONS
A. GENERAL CLIMATE DATA
1. THIS FACILITY CAN BE CONSTRUCTED IN ALL CONDITIONS.

GEOTECHNICAL ASSUMPTIONS
A. GENERAL DESIGN
1. NO GEOTECHNICAL REPORT IS PROVIDED

GENERAL NOTES

DRAWING INDEX

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<td>FLOOR PLAN DETAILS AND ELEVATION VIEW</td>
<td>S-100</td>
<td>XXXX - 0001_S-100</td>
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<td>3</td>
<td>MODULAR WOOD DECKING PLAN AND DETAILS</td>
<td>E-100</td>
<td>XXXX - 0001_E-100</td>
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<tr>
<td>4</td>
<td>ELECTRICAL PLAN, HVAC DETAIL, NOTES AND PANEL SCHEDULE</td>
<td>E-100</td>
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</tbody>
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TYPICAL MGPTS (LARGE) TENT 18FT X 54 FT
SCALE NOT TO SCALE

FOR ADDITIONAL INFORMATION REGARDING THIS DRAWING CONTACT: https://redi-corps.usace.army.mil or UROC@USACE.ARMY.MIL
DESIGNED IN ACCORDANCE WITH UFC 1-201-01 INITIAL STANDARD
15-BED MEDICAL TENT POWER AND LIGHT PLAN
SCALE: 1/8" = 1'-0"

**ELECTRICAL NOTES:**

1. ALL ELECTRICAL WORK AND EQUIPMENT INSTALLATION SHALL
   CONFORM TO ALL FEDERAL AND STATE REQUIREMENTS OF
   THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE
   (NEC).

2. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. THEY ARE
   INTENDED TO SHOW APPROXIMATE LOCATIONS OF EQUIPMENT
   AND ELECTRICAL CABLES AND NOT THE LAYOUT OF
   CIRCUITRY OR CONNECTIONS.

3. EXACT LOCATION OF EQUIPMENT SHALL BE VARNISHED IN
   THE FIELD AND ROUTING OF CABLES TO SUBFIELDS CONCEALED
   IN CONSTRUCTION.

4. EACH PATIENT AREA WILL HAVE A POWER STRIP DESIGNATED
   FOR HOSPITAL USE.

5. EXIT WILL BE POWERED FROM A SEPARATE PANEL, B#1.

6. TWO HEAVY DUTY LED CONSTRUCTION STRING LIGHTS, 1 X 20
   LUMENS, NEUTRAL, 240 VAC, 5K, CULI, AVAILABLE.

7. THE TWO LED STRING LIGHTS WILL BE PLUG TO A GROUP OF
   ONE STRING LIGHT AND CONNECTED TO CENTER POST USING
   18'-6" EXISTING WIRE.

8. ALL WIRING IN ROOMSshall BE CONDUCTED IN EXISTING
   WIRING MEDIA INTERIOR WHITE 20# LAMINATED CABLE NOT
   TO EXCEED 5 FT.

**SYMBOLS:**

- SMD: SMOKE DETECTOR (BATTERY POWERED)
- CBL: CABLE, 12AWG STRIPED
- CBY: CABLE, 12AWG EXTENSION CORD

**TYPICAL PANEL SCHEDULE**

- PANEL 15B
  - SYSTEM: 220/32V
  - PHASE: 4W
  - CURRENT: 15A

- PATIENT RCD, 15A: 3, 1, 2, 3
- PATIENT RCD, 15A: 3, 1, 2, 3
- PATIENT RCD, 15A: 3, 1, 2, 3

- TOTAL CONNECTED LOAD: 28.430 VA (5A) + 0.7 VA

**TYPICAL STRING LIGHT DETAIL**

- A1: SCALE NOT TO SCALE
- LUMINOUS DEVICES TO SUBSTITUTE LIGHT (STRING)
- TEST ATTACHMENT POINT OR CENTER BAY

**TYPICAL HVAC DETAIL**

- B1: SCALE NOT TO SCALE
- AX: TEST HUMIDIFIER
- AX: LUMINOUS DEVICES TO SUBSTITUTE LIGHT (STRING)
PATIENT TENT, 7-BED, MGPTS (LARGE), 18FT X 54FT

GENERAL ASSUMPTIONS

A. GENERAL CLIMATE DATA
1. THIS FACILITY CAN BE CONSTRUCTED IN ALL CONDITIONS.

GEOTECHNICAL ASSUMPTIONS

A. GENERAL DESIGN
1. NO GEOTECHNICAL REPORT IS PROVIDED

GENERAL NOTES

FOR ADDITIONAL INFORMATION REGARDING THIS DRAWING CONTACT: https://redi-corps.usace.army.mil/ or UROC@USACE.ARMY.MIL

DESIGNED IN ACCORDANCE WITH UFC 1-201-01 INITIAL STANDARD

PATIENT TENT, 7-BED, MGPTS (LARGE), 18FT X 54FT

TYPICAL MGPTS (LARGE) TENT 18FT X 54 FT

SCALE: NOT TO SCALE
**POWER, LIGHT AND AIR CONDITIONER PLAN**

**SCHEDULE**

**TYPICAL PANEL 50A SCHEDULE**

<table>
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<th>CTK BK.</th>
<th>CONNECTED LOAD (VA)</th>
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<tr>
<td>1</td>
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<td>20</td>
<td>448</td>
</tr>
<tr>
<td>2</td>
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</tr>
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<td>3</td>
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**TOTAL CONNECTED LOAD**: 6448/240 = 27 A

**TYPICAL PANEL 50B SCHEDULE**

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<tr>
<td>3</td>
<td>PATIENT</td>
<td>20</td>
<td>1200</td>
</tr>
<tr>
<td>4</td>
<td>NURSE OUTLET</td>
<td>20</td>
<td>1500</td>
</tr>
<tr>
<td>5</td>
<td>NURSE OUTLET</td>
<td>20</td>
<td>1500</td>
</tr>
<tr>
<td>6</td>
<td>NURSE OUTLET</td>
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**TOTAL CONNECTED LOAD**: 7000/240 = 33 A

**ELECTRICAL NOTES:**

2. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. THEY ARE INTENDED TO SHOW APPROXIMATE LOCATIONS OF EQUIPMENT AND ELECTRICAL CABLES.
3. EXACT LOCATION OF EQUIPMENT WILL BE VERIFIED IN THE FIELD AND ROUTING OF CABLES TO SATISFY FIELD CONDITIONS.
4. EACH PATIENT AREA WILL HAVE A POWER STRIP DESIGNED FOR HOSPITAL USE.
5. ECU WILL BE POWERED FROM A SEPARATE PANEL BOX.
6. DESIGN 4FT, 64 WATT EQUIVALENT WHITE INTEGRATED LED SHOP LIGHT 4000K BRIGHT WHITE 3000 LUMENS UNILABLE SPOT PATIENT LIGHTING FIXTURE.
7. THE PATIENT LIGHTING FIXTURE WILL BE PLUG TO A 8-OUTLET POWER STRIP SURGE PROTECTOR WITH 3FT CORD AND SECURED TO VERTICAL, 2X4 LUMBER USING ZIP TIES OR EQUIVALENT.

**SYMBOLS:**

- \( \text{SMOKE DETECTOR (BATTERY POWERED)} \)
- \( \text{FIT LIGHTING FIXTURE} \)
- \( \text{LED BULB LIGHTING FIXTURE} \)
- \( \text{DUPLEX OUTLET} \)

**SCALE:**

**1/4" = 1'-0"**

**FOR ADDITIONAL INFORMATION REGARDING THIS DRAWING CONTACT:**  [https://redi-corps.usace.army.mil](https://redi-corps.usace.army.mil) or UROC@USACE.ARMY.MIL
MORGUE TENT, MGPTS (SMALL), 18FT X 18FT
FACILITY ID#

NATIONAL STANDARDS
A. UNIFIED FACILITIES CRITERIA
1. UFC 1-201-01 NON-PERMANENT DOD FACILITIES
   SUPPORT OF MILITARY OPERATIONS ------ 2013-01-01
2. UFC 4-010-01 DOD MINIMUM STANDARDS FOR ANTITERRORISM
   STANDARDS FOR BUILDING with CHANGE 1 ------ 2015-10-01

GENERAL ASSUMPTIONS
A. GENERAL CLIMATE DATA
   1. THIS FACILITY CAN BE CONSTRUCTED IN ALL CONDITIONS.

GEOTECHNICAL ASSUMPTIONS
A. GENERAL DESIGN
   1. NO GEOTECHNICAL REPORT IS PROVIDED

GENERAL NOTES

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TYPICAL MGPTS (SMALL) TENT
SCALE: NOT TO SCALE
DECON/DON/DOFF TENT, MGPTS, 18FT X 36FT

NATIONAL STANDARDS
A. UNIFIED FACILITIES CRITERIA
1. UFC 1-201-01 NON-PERMANENT DOD FACILITIES SUPPORT OF MILITARY OPERATIONS - - - - - 2013-01-01
2. UFC 4-010-01 DOD MINIMUM STANDARDS FOR ANTITERRORISM STANDARDS FOR BUILDING WITH CHANGE 1 - - - - - 2013-10-01

GENERAL ASSUMPTIONS
A. GENERAL CLIMATE DATA
1. THIS FACILITY CAN BE CONSTRUCTED IN ALL CONDITIONS.

GEOTECHNICAL ASSUMPTIONS
A. GENERAL DESIGN
1. NO GEOTECHNICAL REPORT IS PROVIDED

GENERAL NOTES

TYPICAL MGPTS (MIDUIM) TENT 18FT X 36 FT

SCALE: NOT TO SCALE