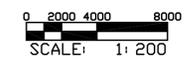


1 WEAPONS STORAGE (ASP) AND SMALL ARMS STORAGE (SAS) AREA  
 C-101 SCALE: 1:200



APPROVED: *Gregory P. Hynes*

A/E DESIGNER OF RECORD

SEAL:



| Rev. | Date | Description | Mark | Appr. | Date |
|------|------|-------------|------|-------|------|
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |
|      |      |             |      |       |      |

Designed by: **GPH**  
 Dwn by: **JDS**  
 Ckd by: **JMB**  
 Reviewed by: **LHM**  
 Submitted by: **BAKER**

Date: 2/23/2010  
 Design file no.: C-101  
 Drawing code: ANASPC-101XXX  
 File name: ANASPC-101XXX  
 Plot date: 2/23/2010  
 Plot scale: 1:200

U.S. ARMY ENGINEER DISTRICT, AFGHANISTAN  
 CORPS OF ENGINEERS  
 APO AE 96338  
 Michael Baker, Jr., Inc.  
 A unit of Michael Baker Corporation  
 Airside Business Park  
 Moon Township, PA 15108  
 www.mbakercorp.com

AFGHAN NATIONAL ARMY  
 REGIONAL MILITARY TRAINING CENTER  
 STANDARD DESIGN  
 (ASP) AND (SAS) AREA  
 SITE PLAN

Sheet reference number:  
**C-101**

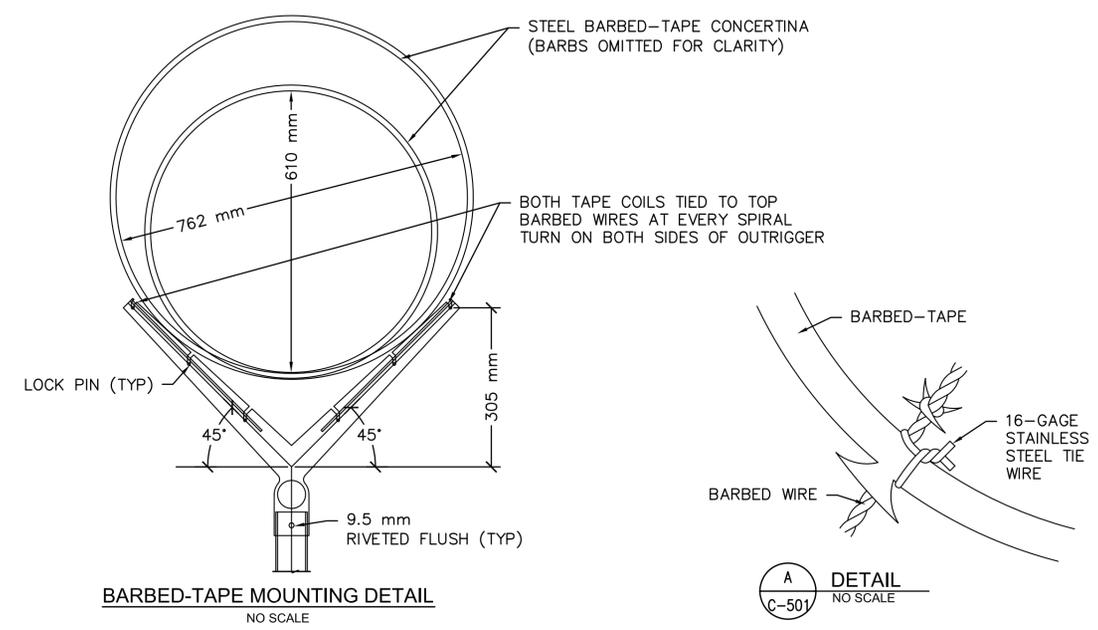
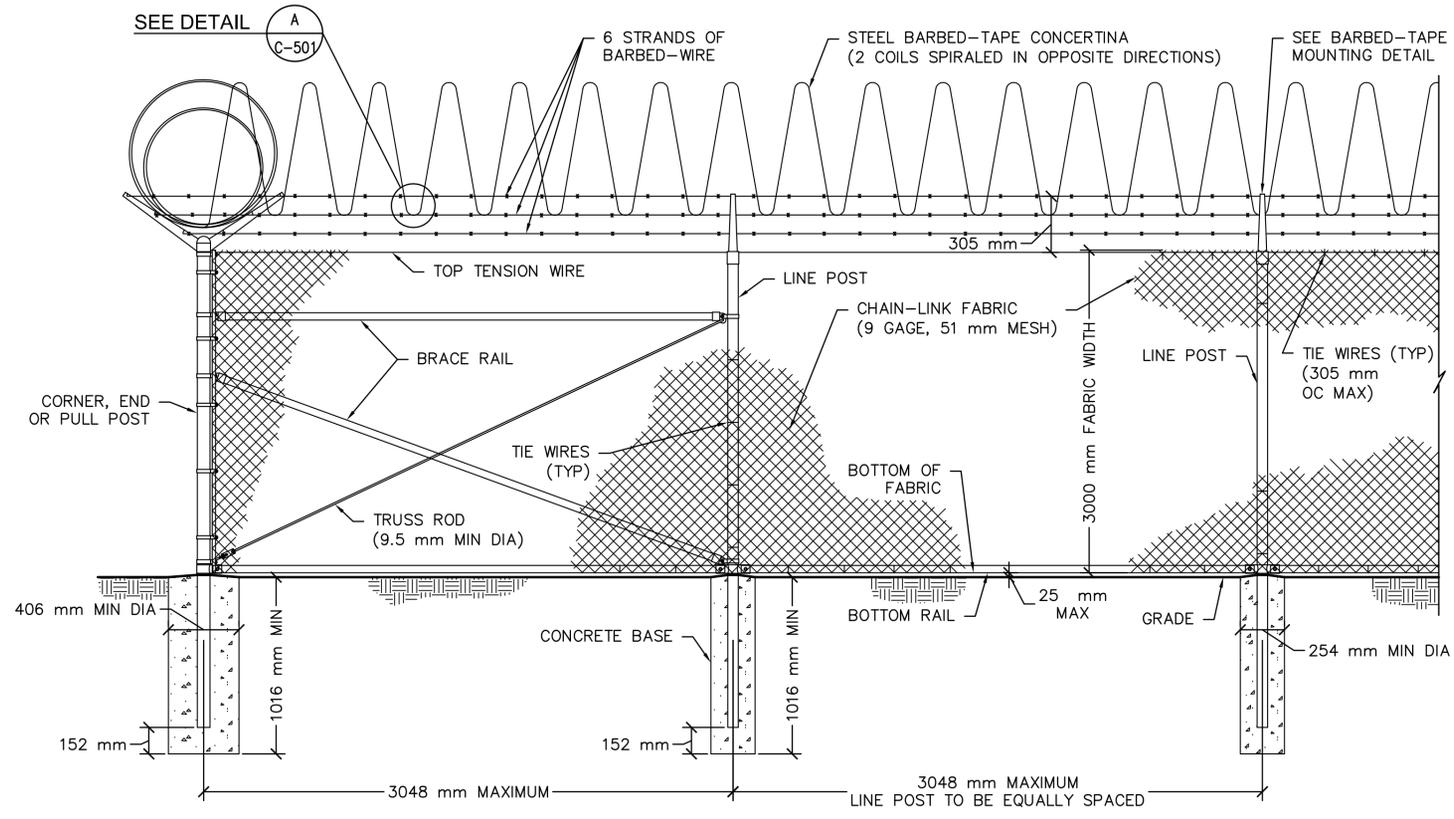


| Rev. | Date      | Description           |
|------|-----------|-----------------------|
| 0    | 2/23/2010 | Design file no. C-501 |
|      |           | Dwn by: JMB           |
|      |           | Reviewed by: LHM      |
|      |           | Submitted by: BAKER   |

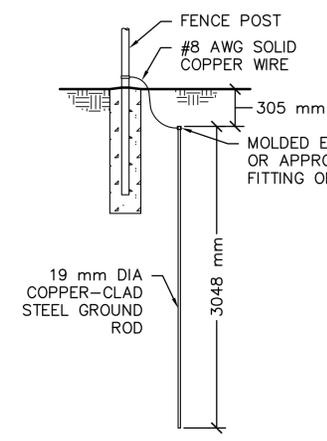
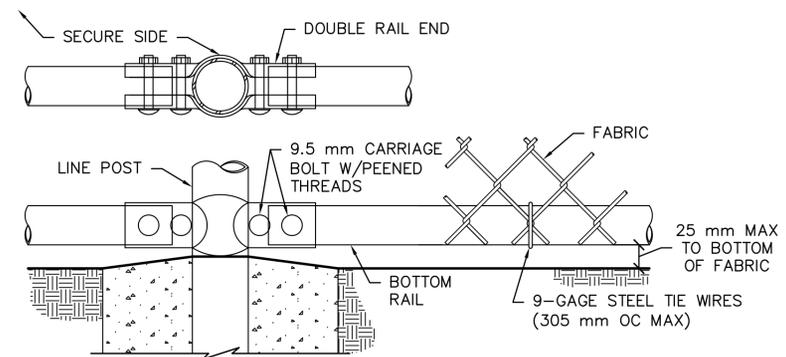
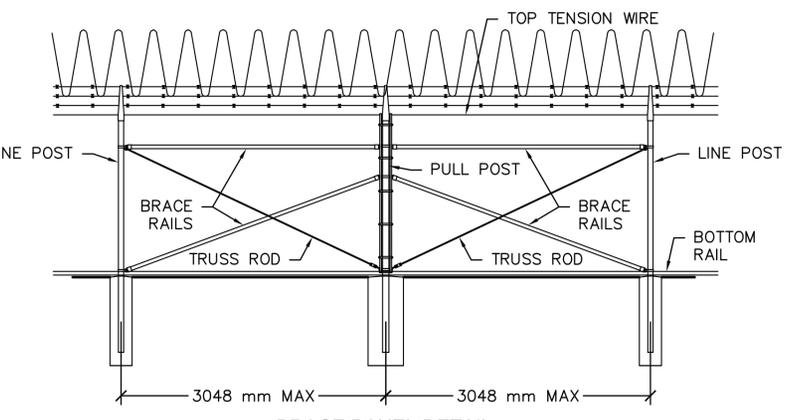
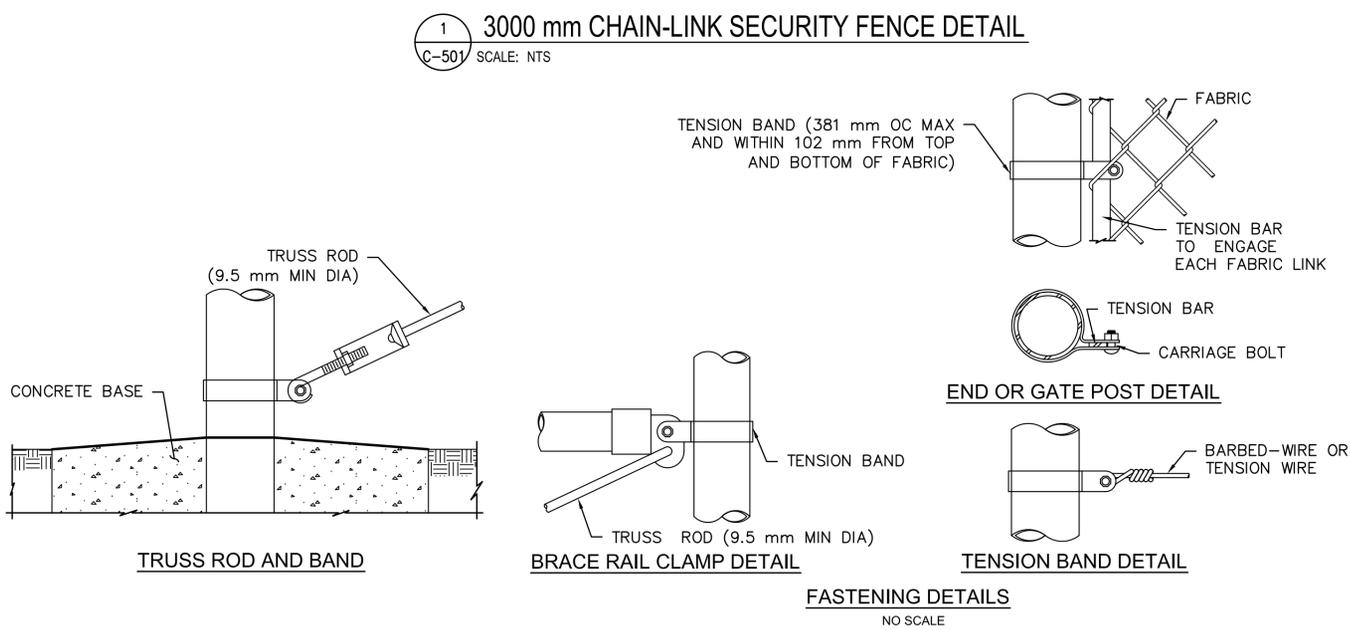
U.S. ARMY ENGINEER DISTRICT, AFGHANISTAN  
 CORPS OF ENGINEERS  
 APO AE 96338  
 Michael Baker, Jr., Inc.  
 A Unit of Michael Baker Corporation  
 Airside Business Park  
 Moon Township, PA 15108  
 www.mbakercorp.com

AFGHAN NATIONAL ARMY  
 REGIONAL MILITARY TRAINING CENTER  
 STANDARD DESIGN  
 (ASP) AND (SAS) AREA  
 3000 mm FENCING DETAILS

Sheet reference number:  
**C-501**



| USE AND SECTION          | STEEL POST SCHEDULE                  |  |
|--------------------------|--------------------------------------|--|
|                          | MINIMUM OUTSIDE DIMENSIONS (NOMINAL) |  |
|                          | FABRIC WIDTH 2440 mm AND OVER        |  |
| CORNER, END & PULL POSTS | 102 mm O.D.                          |  |
| TUBULAR - ROUND          |                                      |  |
| LINE POSTS               | 73 mm O.D.                           |  |
| TUBULAR - ROUND          |                                      |  |
| BOTTOM & BRACE RAILS     | 42 mm O.D.                           |  |
| TUBULAR - ROUND          |                                      |  |
| TUBULAR - SQUARE         | 38 mm SQ.                            |  |
| H-SECTION                | 41 mm x 38 mm                        |  |
| C-SECTION (ROLL-FORMED)  | 41 mm x 32 mm                        |  |



- NOTES:**
1. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE SIDE OPPOSITE THE SECURE AREA.
  2. ONLY 9-GAGE GALVANIZED STEEL TIE WIRES SHALL BE USED FOR FASTENING THE FENCE FABRIC TO FENCE POSTS AND RAILS. 16-GAGE, STAINLESS STEEL TIE WIRES SHALL BE USED FOR FASTENING FENCE FABRIC TO TENSION WIRES. HOG RINGS SHALL NOT BE ALLOWED ON SENSORED FENCES.
  3. BOTTOM RAIL SHALL BE ATTACHED TO DOUBLE RAIL ENDS USING 9.5 mm CARRIAGE BOLTS AS SHOWN. ADDITIONAL HOLES SHALL BE DRILLED THROUGH THE BOTTOM RAIL ENDS TO INSURE THAT CARRIAGE BOLTS PASS THROUGH THE BOTTOM RAIL AS SHOWN.

APPROVED: *Gregory P. Hynes*

A/E DESIGNER OF RECORD

SEAL:



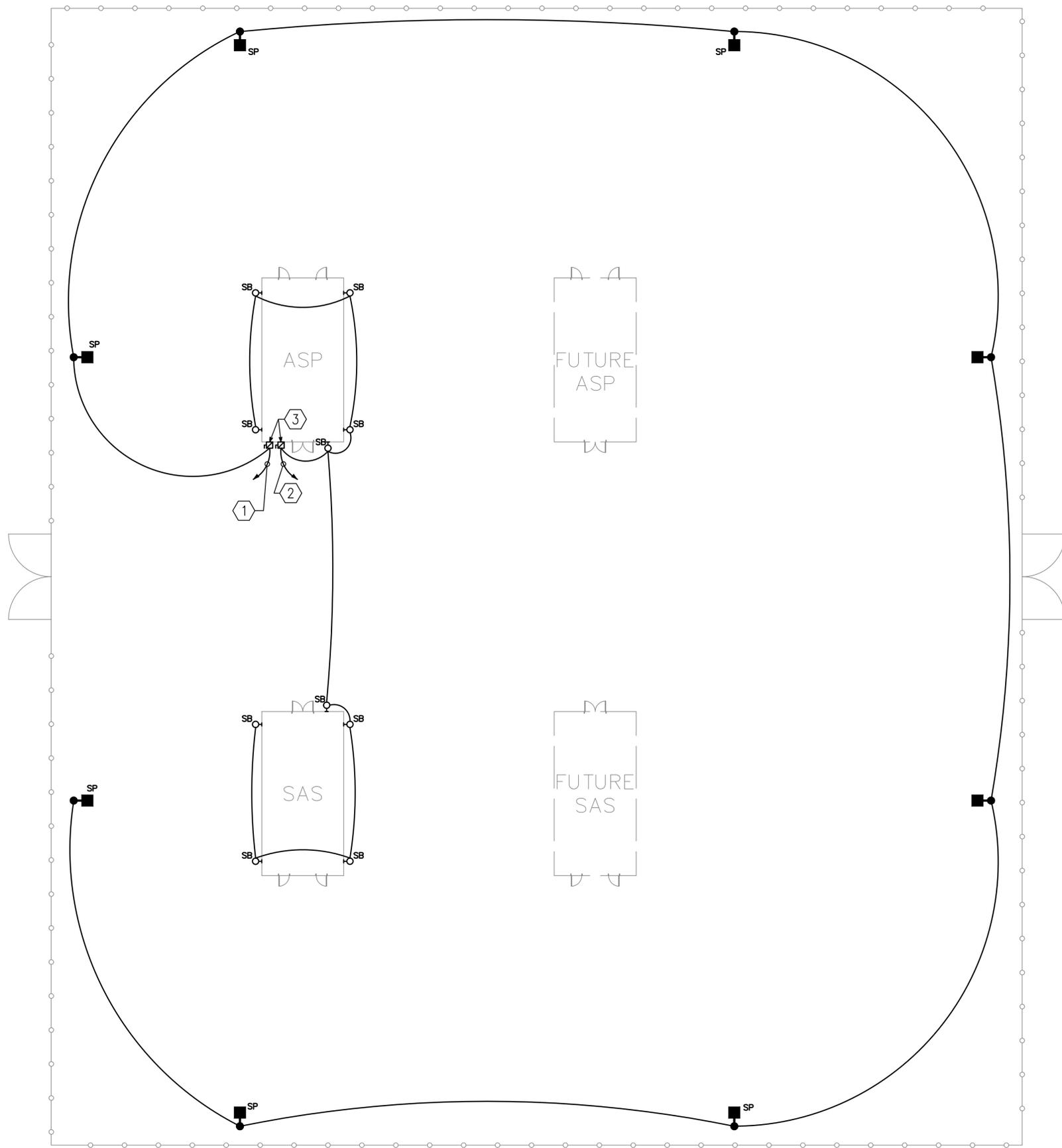
1

2

3

4

5



**NUMBERED NOTES:**

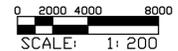
- ① 2 - 16mm & 1 - 6mm IN 20mm CONDUIT TO 20A/1P CIRCUIT BREAKER IN SITE DISTRIBUTION PANEL. SITE ADAPT CONTRACTOR SHALL ADJUST CONDUCTOR SIZE AND SOURCE PANEL BASED ON SITE CONFIGURATION.
- ② 2 - 6mm & 1 - 6mm IN 20mm CONDUIT TO 20A/1P CIRCUIT BREAKER IN SITE DISTRIBUTION PANEL. SITE ADAPT CONTRACTOR SHALL ADJUST CONDUCTOR SIZE AND SOURCE PANEL BASED ON SITE CONFIGURATION.
- ③ 30A/3P NEMA 3R FUSED DISCONNECT SWITCH FUSED AT 20A.



US ARMY CORPS OF ENGINEERS  
AFGHANISTAN ENGINEER DISTRICT

| Rev. | Date    | Description     |
|------|---------|-----------------|
| 10   | 2/23/10 | Design file no. |
|      |         | Drawing code:   |
|      |         | File name:      |
|      |         | Plot date:      |
|      |         | Plot scale:     |

|   |                    |                     |                        |
|---|--------------------|---------------------|------------------------|
| Designed by:<br>KJR   | Checked by:<br>KJR | Reviewed by:<br>JRG | Submitted by:<br>BAKER |
| U.S. ARMY ENGINEER DISTRICT, AFGHANISTAN<br>CORPS OF ENGINEERS<br>APO AE 96338  |                    |                     |                        |
| Michael Baker Jr., Inc<br>A unit of Michael Baker Corporation<br>Arlside Business Park<br>Moon Township, PA 15108<br>www.mbakercorp.com |                    |                     |                        |



APPROVED:  
\_\_\_\_\_  
A/E DESIGNER OF RECORD



AFGHAN NATIONAL ARMY  
REGIONAL MILITARY TRAINING CENTER  
STANDARD DESIGN  
(ASP) AND (SAS) AREA  
ELECTRICAL SITE LIGHTING PLAN

Sheet reference number:  
ES-101

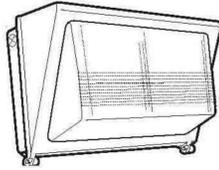


US ARMY CORPS OF ENGINEERS  
AFGHANISTAN  
ENGINEER DISTRICT

### LIGHT FIXTURE SCHEDULE

| FIXTURE MARK | STYLE NUMBER AND TYPE  | NUMBER AND TYPE OF LAMPS   | VOLTAGE        | MOUNTING   | NOTES |
|--------------|--|----------------------------|----------------|--|-------|
| SB           | METAL HALIDE WALL MOUNTED EXTERIOR AREA LIGHT WITH PRISMATIC ACRYLIC LENS - CORROSION RESISTANT CONSTRUCTION | (1) 250W METAL HALIDE LAMP | 220V - 1ø 50HZ | EXTERIOR WALL MOUNTED 500mm BELOW ROOF             |       |
| SP           | LIGHT POLE MOUNTED COBRA HEAD STYLE METAL HALIDE FIXTURE WITH WOOD POLE ARM AND MOUNTING BRACKET             | (1) 250W METAL HALIDE LAMP | 220V - 1ø 50HZ | POLE MOUNTED ON WOODEN POLE 7.7 METERS ABOVE GRADE |       |

FIXTURE MARK 'SB'



FIXTURE MARK 'SP'



| Rev. | Date    | Description | Mark | Appr. | Date |
|------|---------|-------------|------|-------|------|
| 0    | 2/23/10 |             |      |       |      |

|   |                      |               |
|---|----------------------|---------------|
| Designed by: <b>KJR</b>   | Date: <b>2/23/10</b> | Rev: <b>0</b> |
| Dwn by: <b>KJR</b>  | Design file no.      |               |
| Created by: <b>JRG</b>  | Drawing code:        |               |
| Reviewed by: <b>JRG</b>   | File name:           |               |
| Submitted by: <b>BAKER</b>  | Plot date:           |               |
| U.S. ARMY ENGINEER DISTRICT, AFGHANISTAN<br>CORPS OF ENGINEERS<br>APO AE 96338  |                      |               |
| Michael Baker Jr., Inc<br>A unit of Michael Baker Corporation<br>Arlside Business Park<br>Moon Township, PA 15108<br>www.mbakercorp.com |                      |               |

AFGHAN NATIONAL ARMY  
REGIONAL MILITARY TRAINING CENTER  
(ASP) AND (SAS) AREA  
ELECTRICAL SITE LIGHT FIXTURE SCHEDULE

Sheet reference number:  
**ES-601**

APPROVED:

---

A/E DESIGNER OF RECORD

SEAL:

D

C

B

A