
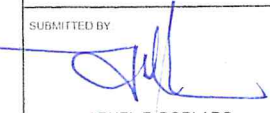

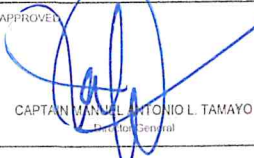
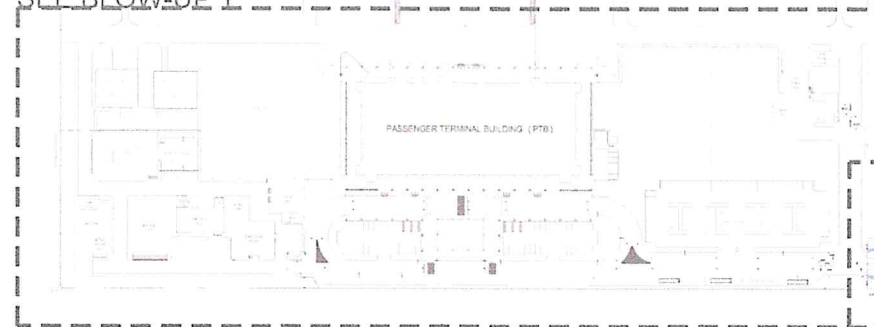
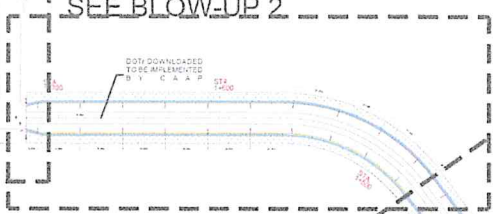
	
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE	
INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION	
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 LT COL VALENTINO A. DIONELA PAF (RET) Assistant Director General II, ADMS	
APPROVED:	
 CAPTAIN MANUEL ANTONIO L. TAMAYO Director General	
NOTES/REVISIONS:	
PROJECT: PROVISION OF SOLAR STREET LIGHTING SYSTEM AND PERIMETER (SECURITY) FENCE ALONG ACCESS ROAD TO THE TERMINAL COMPLEX AT BICOL INTERNATIONAL AIRPORT	
LOCATION: BICOL INTERNATIONAL AIRPORT AIRPORT RD. DARAGA, ALBAY	
SHEET CONTENTS: • AIRPORT LAYOUT • SITE DEVELOPMENT PLAN • PERSPECTIVE	
DRAWING SCALE:	SHEET NO:



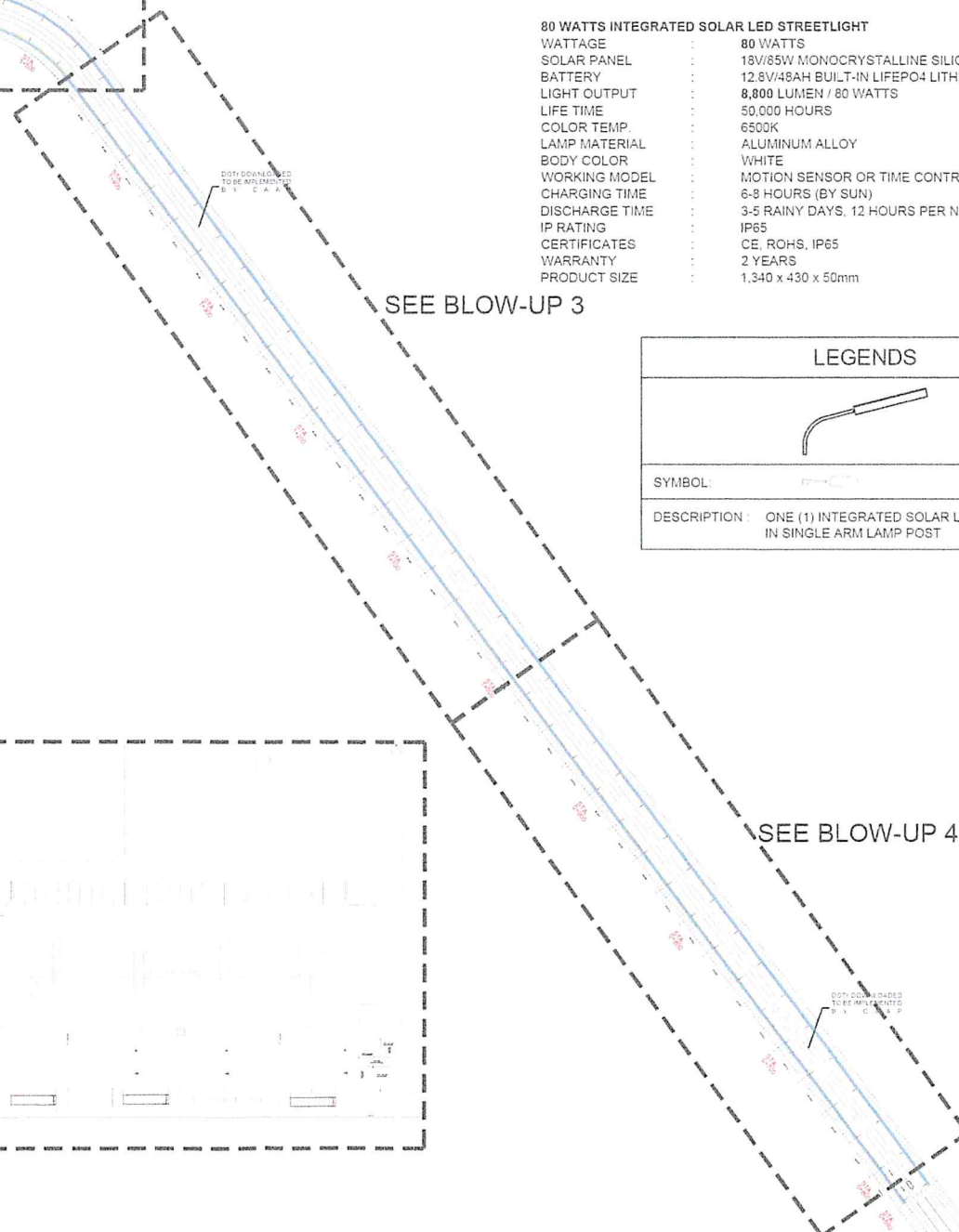
SEE BLOW-UP 1



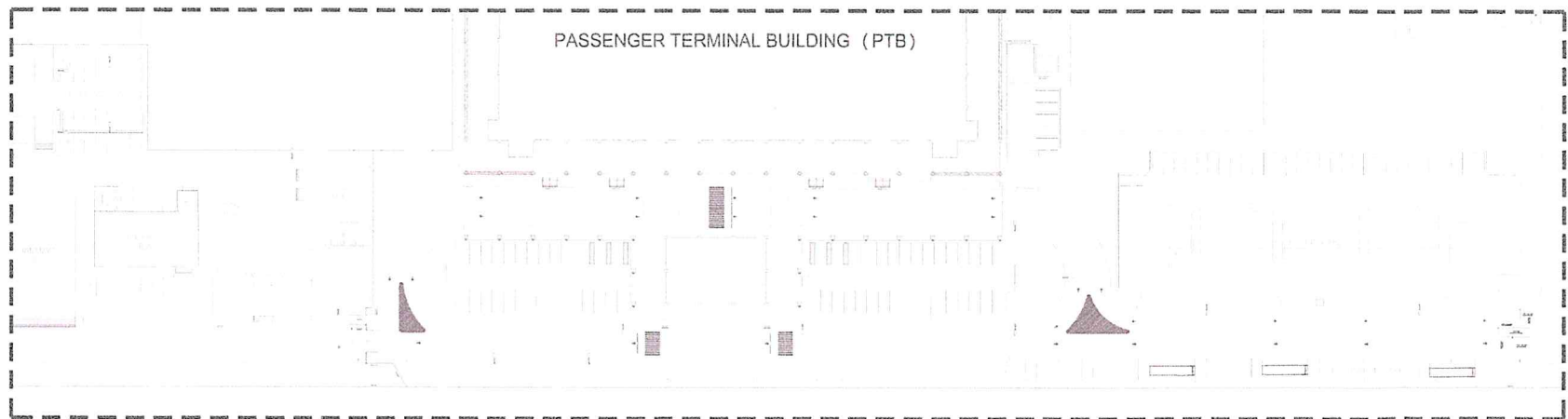
SEE BLOW-UP 2



SEE BLOW-UP 3



SEE BLOW-UP 4



SOLAR STREET LIGHT
BLOW-UP 1
SCALE: 1:100 MTS.



GENERAL NOTES:

1. ALL ELECTRICAL WORKS AND INSTALLATIONS SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.
2. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
3. ALL MATERIALS SHALL BE BRAND NEW AND SUBJECT FOR APPROVAL BY CAAP PROJECT IN-CHARGE.
4. ALL WORKS SHALL BE EXECUTED IN A WORKMANSHIP MANNER AND SHALL PRESENT A NEAT AND ORDERLY ACCEPTANCE.
5. PROVIDE STREETLIGHT PHOTOMETRIC TEST REPORT CERTIFIED BY DEPARTMENT OF ENERGY (DOE) TO VERIFY CLAIMS ON ENERGY RATINGS.

SPECIFICATIONS:

80 WATTS INTEGRATED SOLAR LED STREETLIGHT	
WATTAGE	80 WATTS
SOLAR PANEL	18V/85W MONOCRYSTALLINE SILICON
BATTERY	12.8V/48AH BUILT-IN LIFEPO4 LITHIUM IRON BATTERY
LIGHT OUTPUT	8,800 LUMEN / 80 WATTS
LIFE TIME	50,000 HOURS
COLOR TEMP.	6500K
LAMP MATERIAL	ALUMINUM ALLOY
BODY COLOR	WHITE
WORKING MODEL	MOTION SENSOR OR TIME CONTROL
CHARGING TIME	6-8 HOURS (BY SUN)
DISCHARGE TIME	3-5 RAINY DAYS, 12 HOURS PER NIGHT
IP RATING	IP65
CERTIFICATES	CE, ROHS, IP65
WARRANTY	2 YEARS
PRODUCT SIZE	1,340 x 430 x 50mm

LEGENDS	
SYMBOL:	
DESCRIPTION:	ONE (1) INTEGRATED SOLAR LED STREETLIGHT IN SINGLE ARM LAMP POST



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE


INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION


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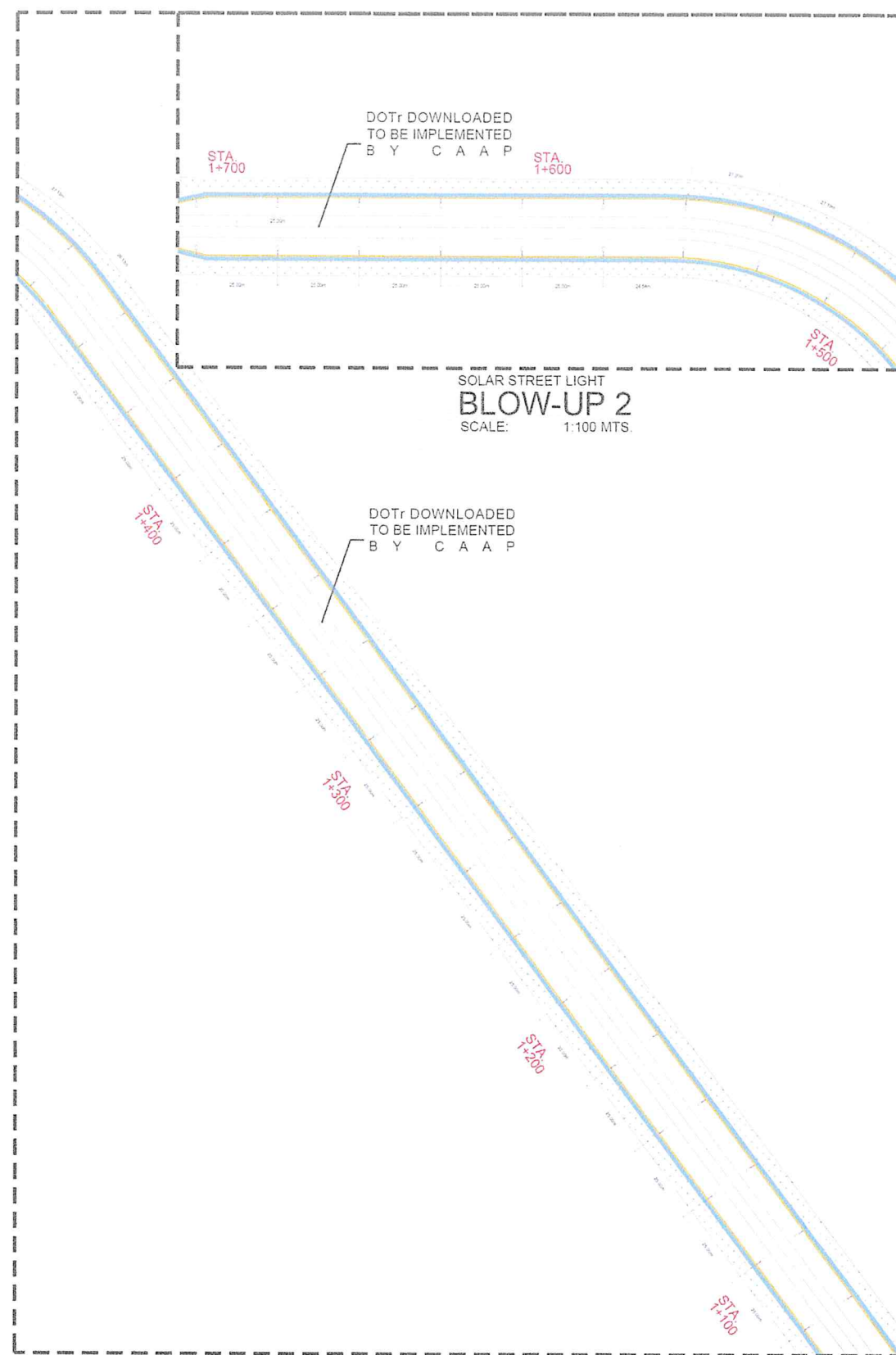
NOTES/REVISIONS:

PROJECT:
PROVISION OF SOLAR STREET LIGHTING SYSTEM AND PERIMETER (SECURITY) FENCE ALONG ACCESS ROAD TO THE TERMINAL COMPLEX AT BICOL INTERNATIONAL AIRPORT

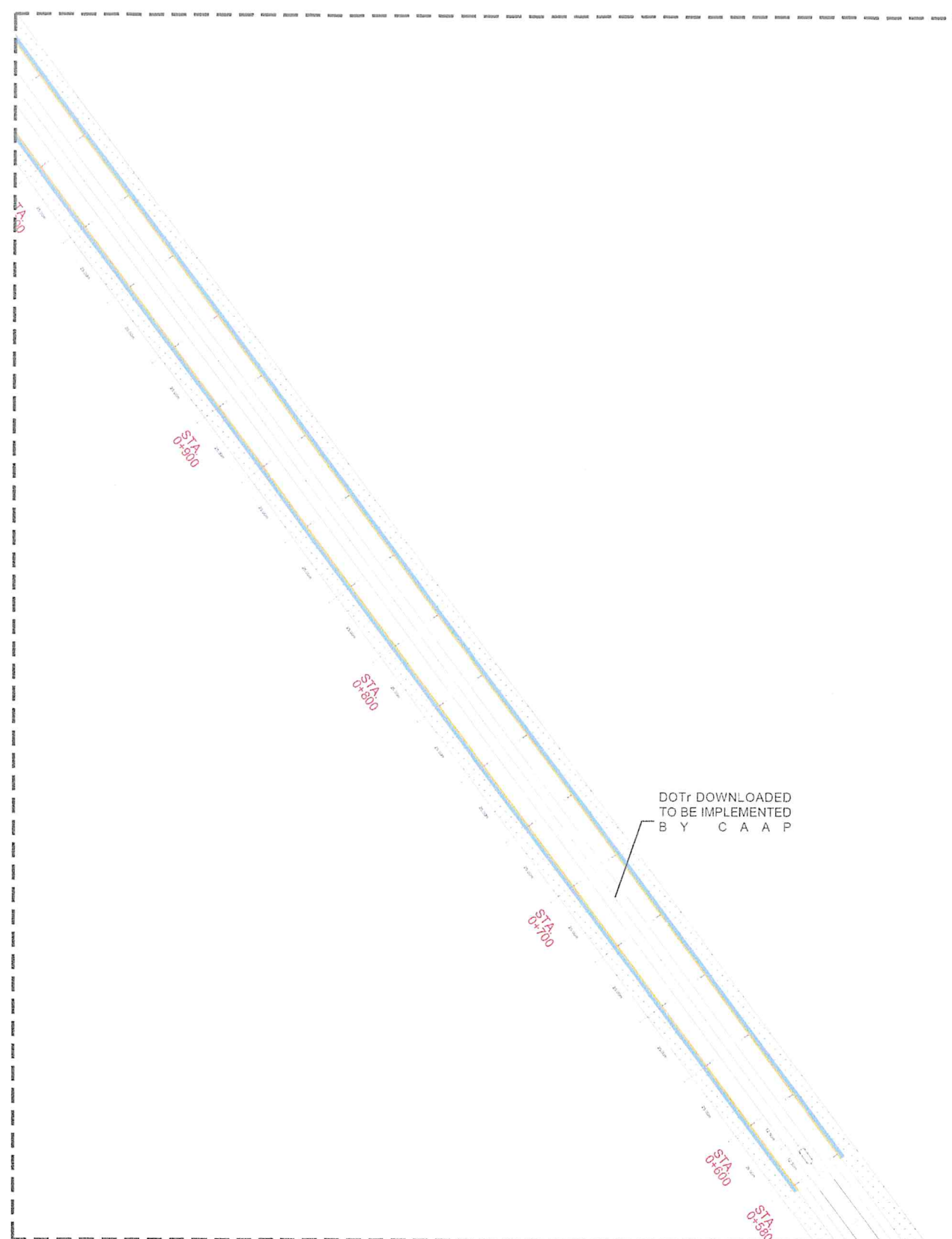
LOCATION:
BICOL INTERNATIONAL AIRPORT
AIRPORT RD. DARAGA, ALBAY

SHEET CONTENTS:
• SOLAR STREET LIGHTING LAYOUT

DRAWING SCALE: SHEET NO:



SOLAR STREET LIGHT
BLOW-UP 3
SCALE: 1:100 MTS.



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AERODROME DEVELOPMENT
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Director General

NOTES/REVISIONS

PROJECT:
PROVISION OF SOLAR STREET
LIGHTING SYSTEM AND PERIMETER
(SECURITY) FENCE ALONG ACCESS
ROAD TO THE TERMINAL COMPLEX AT
BICOL INTERNATIONAL AIRPORT

LOCATION:
BICOL INTERNATIONAL AIRPORT
AIRPORT RD. DARAGA, ALBAY

SHEET CONTENTS
• SOLAR STREET LIGHTING LAYOUT

DRAWING SCALE: SHEET NO:



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NOTES/REVISIONS:

PROJECT:

PROVISION OF SOLAR STREET
LIGHTING SYSTEM AND PERIMETER
(SECURITY) FENCE ALONG ACCESS
ROAD TO THE TERMINAL COMPLEX AT
BICOL INTERNATIONAL AIRPORT

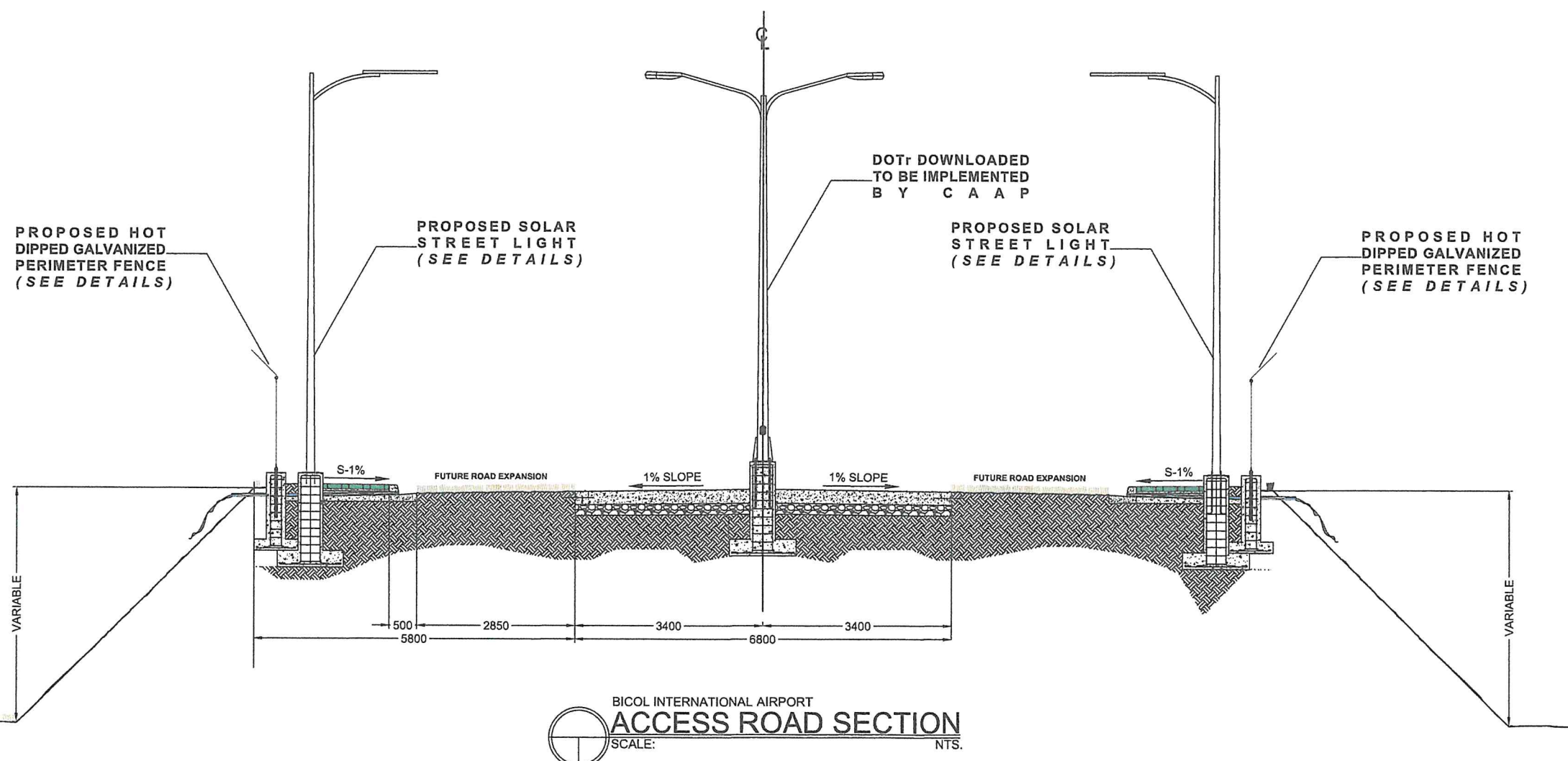
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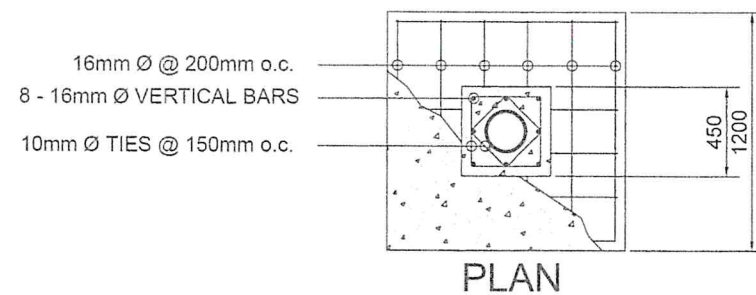
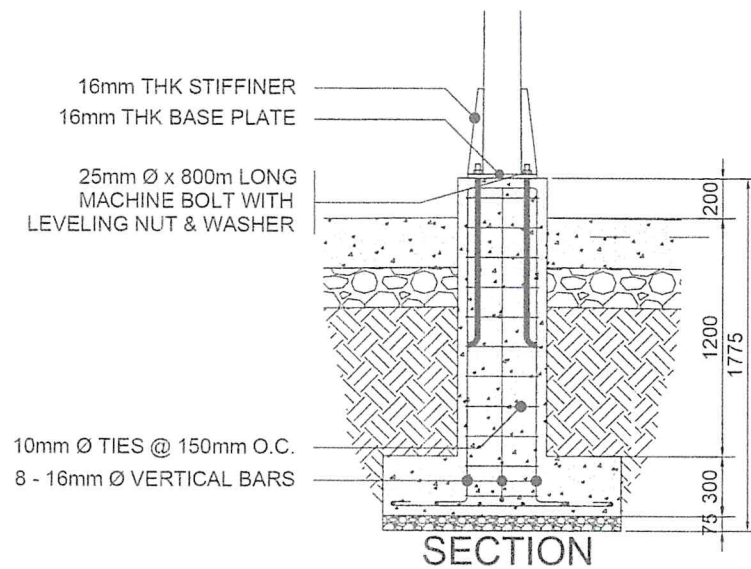
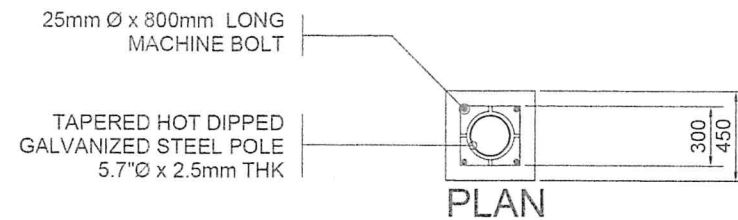
BICOL INTERNATIONAL AIRPORT
AIRPORT RD. DARAGA, ALBAY

SHEET CONTENTS:

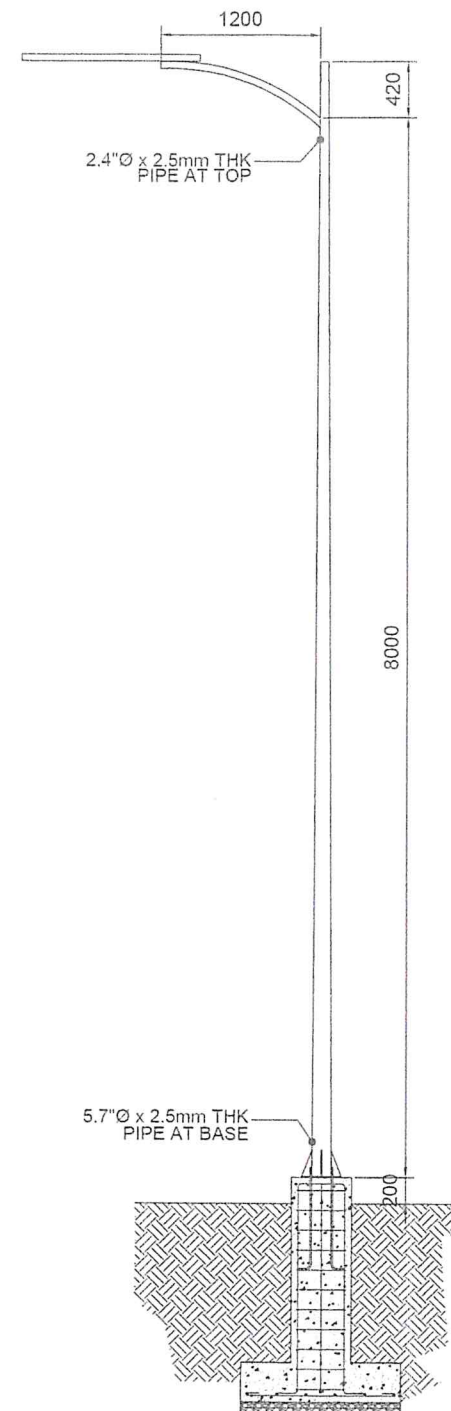
• ACCESS ROAD SECTION

DRAWING SCALE:	SHEET NO:





SOLAR STREET LIGHT POST PEDESTAL DETAILS
SCALE: 1:20 MTS.



SOLAR STREET LIGHT POST DETAILS
SCALE: 1:50 MTS.



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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REVIEWED BY:	

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NOTES/REVISIONS

PROJECT:

PROVISION OF SOLAR STREET LIGHTING SYSTEM AND PERIMETER (SECURITY) FENCE ALONG ACCESS ROAD TO THE TERMINAL COMPLEX AT BICOL INTERNATIONAL AIRPORT

LOCATION:

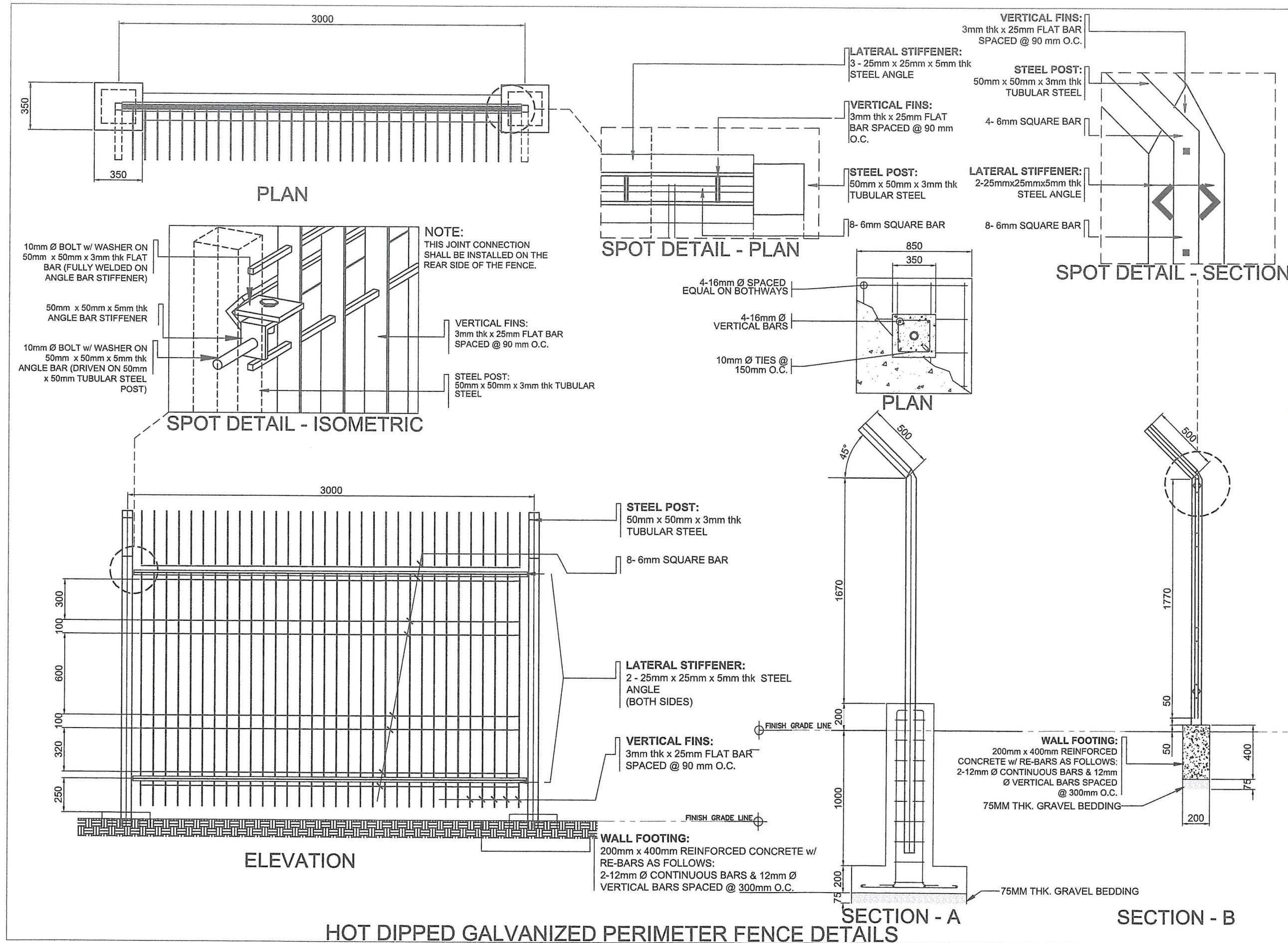
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AIRPORT RD. DARAGA, ALBAY

SHEET CONTENTS

- SOLAR STREET LIGHT POST DETAILS

DRAWING SCALE:

SHEET NO.



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**PROVISION OF SOLAR STREET
LIGHTING SYSTEM AND PERIMETER
(SECURITY) FENCE ALONG ACCESS
ROAD TO THE TERMINAL COMPLEX AT
BICOL INTERNATIONAL AIRPORT**

LOCATION:
**BICOL INTERNATIONAL AIRPORT
AIRPORT RD. DARAGA, ALBAY**

SHEET CONTENTS:
• HOT DIPPED GALVANIZED PERIMETER
FENCE DETAILS

DRAWING SCALE: SHEET NO: