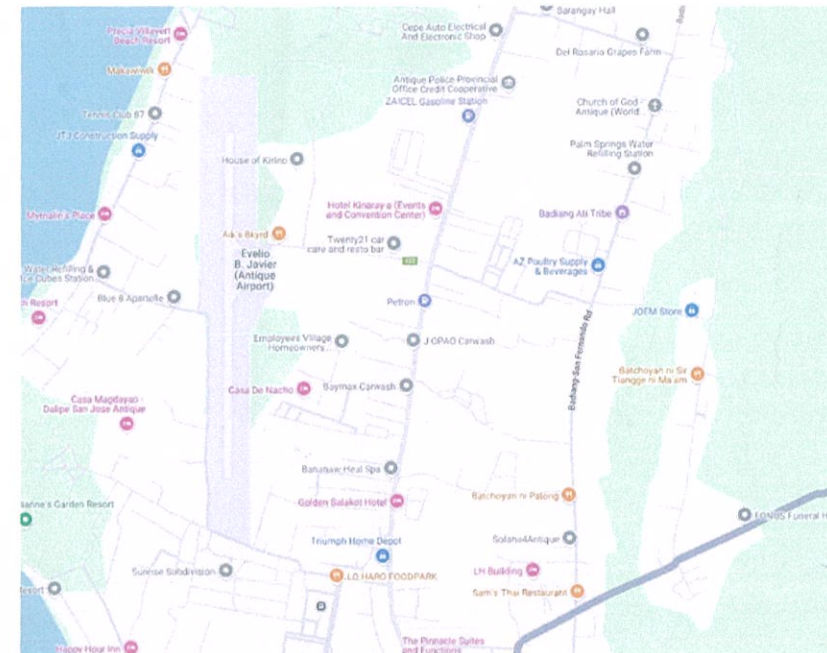




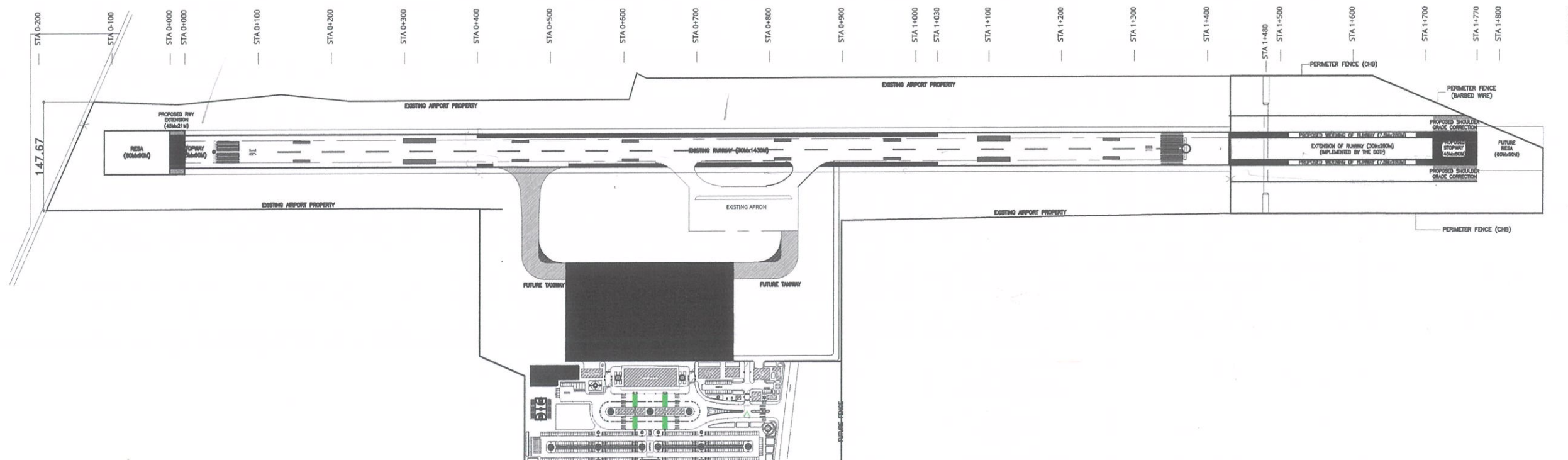
MAP OF THE PHILIPPINES



AERIAL VIEW



VICINITY MAP



01 AIRPORT LAYOUT
SCALE 1:2500 mts



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CAAP.

AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

DESIGN STAFF	INITIAL/DATE
DESIGNED BY:	IDDD
DRAWN BY:	
REVIEWED BY:	
DATE:	

CHECKED BY:

RAUL R. CRUCENA
Division Chief III, IDDD

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

LT COL VALENTINO A. DIONELA, PAF (RET)
Assistant Director General II, ADMS

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CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

CONCURRED:

ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports

PROJECT TITLE:

CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

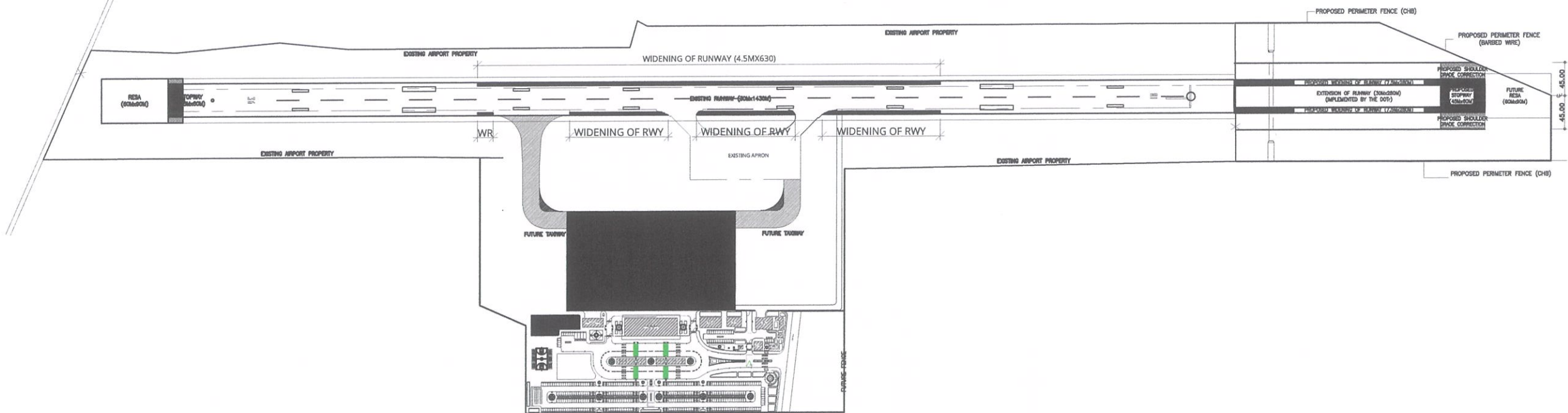
LOCATION:

ANTIQUA AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUA

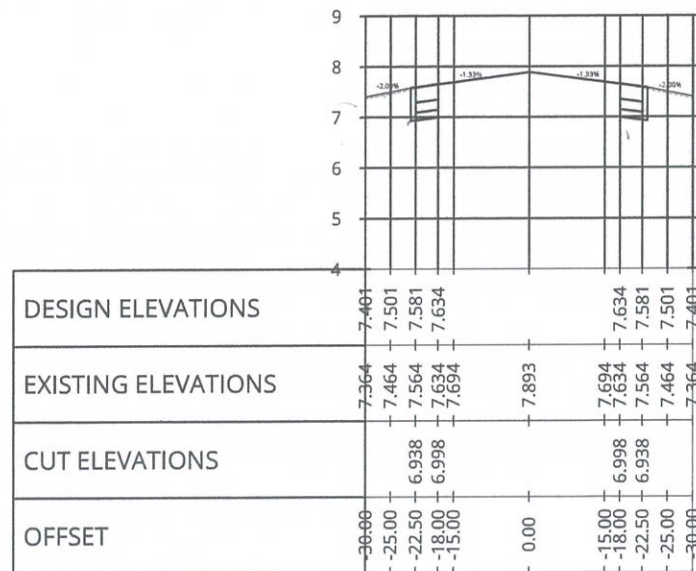
SHEET CONTENTS:

- MAP OF THE PHILIPPINES
- AERIAL VIEW
- VICINITY MAP
- AIRPORT LAYOUT PLAN

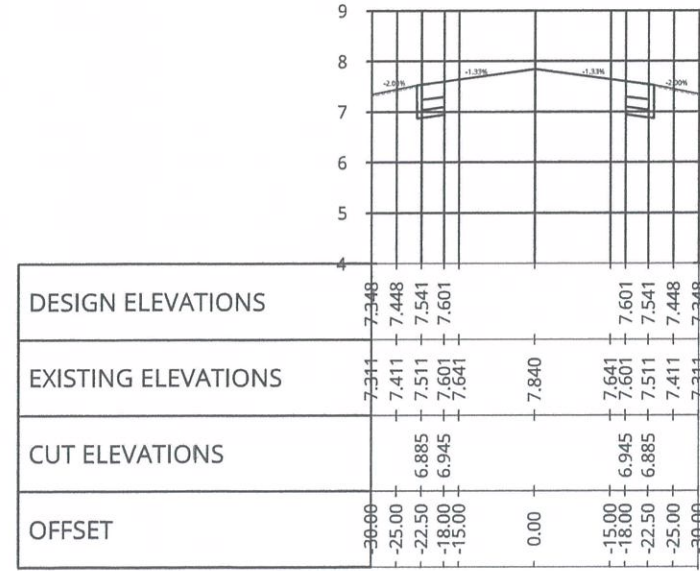
DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 01
	01 15



05
CW-03 CW-03
SCALE 1:6500 mts
WIDENING OF RUNWAY
LAYOUT PLAN



0 + 400



0 + 420

05
CW-03 CW-03
SCALE 1:1500 mts
FROM STA 0 + 400 TO STA 0 + 420
CROSS SECTION VIEWS



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INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

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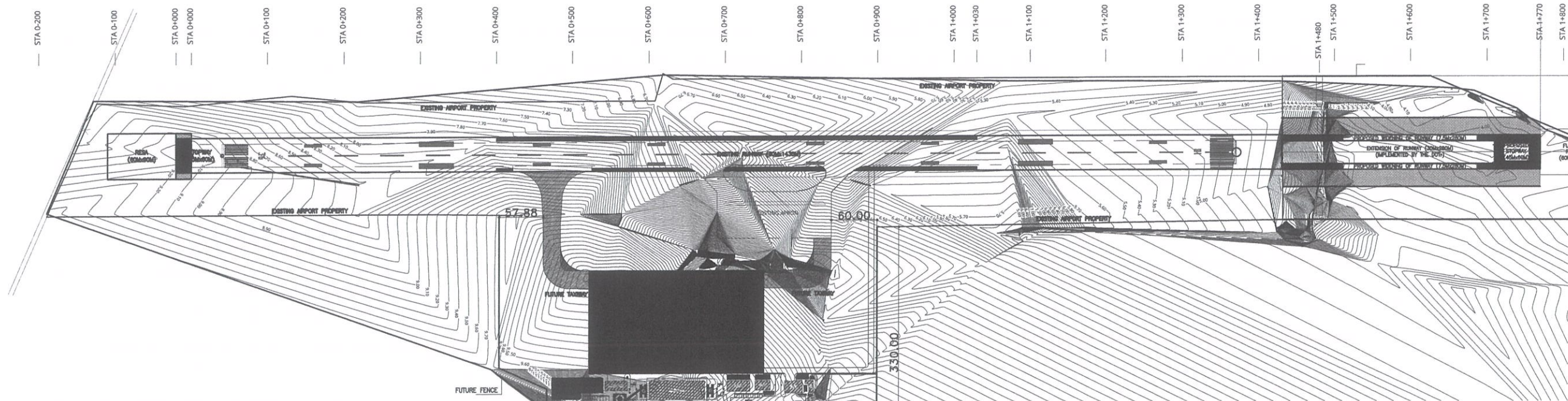
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTQUE

SHEET CONTENTS:

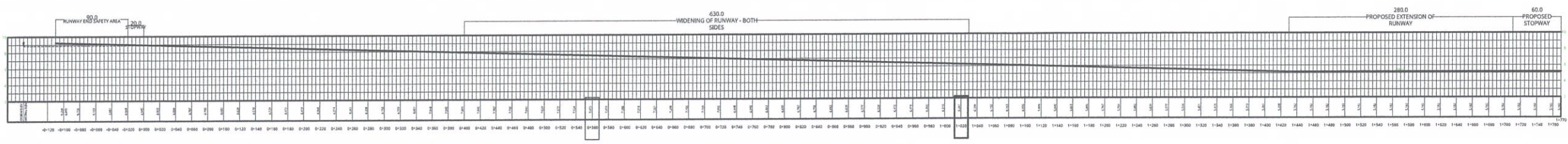
• LAYOUT PLAN (WIDENING OF RUNWAY)
• CROSS SECTION VIEWS
(from STA 0 + 400 to 0 + 420)

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 03
	03 15



02
CW-02
SCALE
1:7500 mts

TOPOGRAPHIC PLAN
EXISTING RUNWAY



03
CW-02
SCALE
HORIZONTAL: 1:2500 mts
VERTICAL: 1:1250 mts

PROFILE ALONG RUNWAY CENTERLINE
RUNWAY DESIGN PROFILE



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Undersecretary for Aviation and Airports

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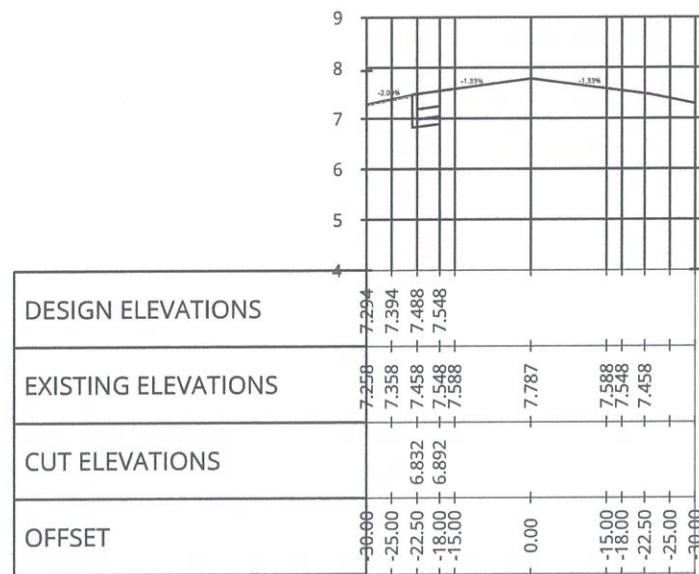
CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

LOCATION:

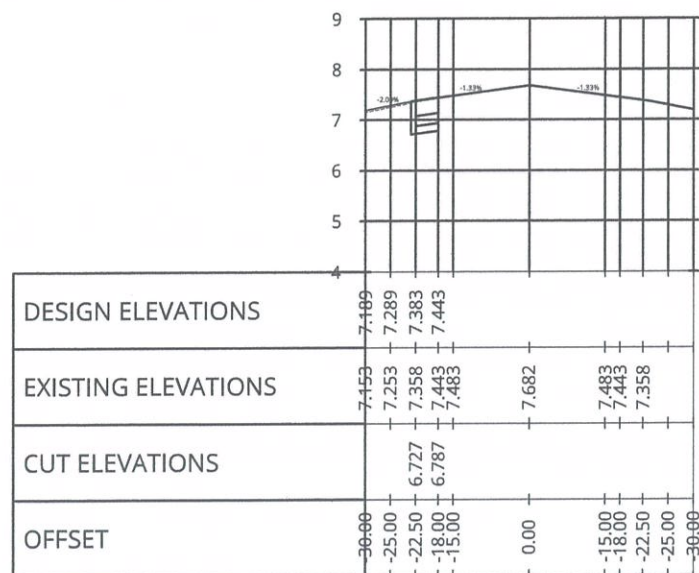
ANTIQUA AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

SHEET CONTENTS:
• TOPOGRAPHIC PLAN
• RUNWAY DESIGN PROFILE

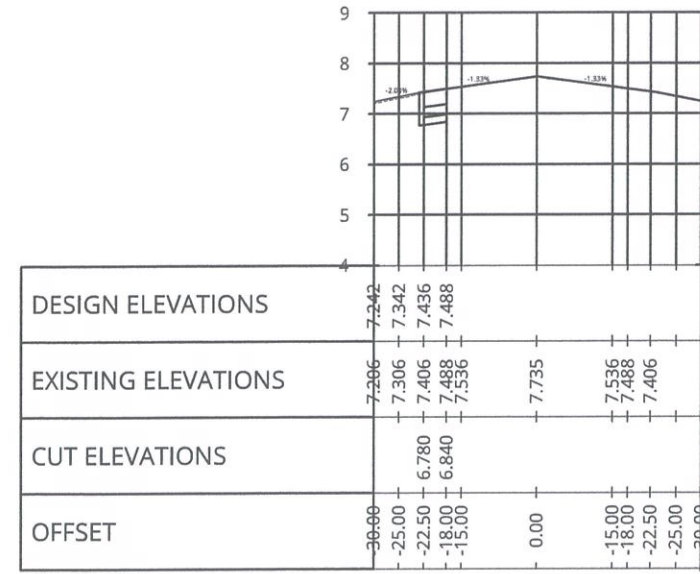
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AS SHOWN	CW - 02
	02 15



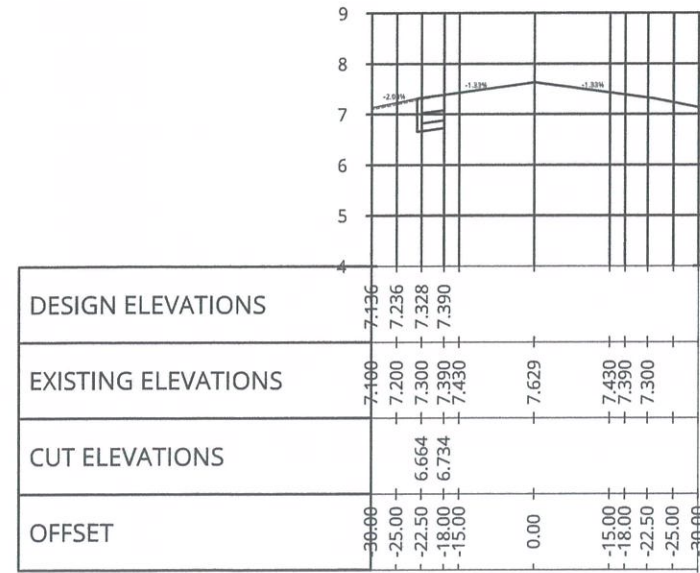
0 + 440



0 + 480



0 + 460



0 + 500

FROM STA 0 + 440 TO STA 0 + 500
CROSS SECTION VIEWS
HORIZONTAL SCALE 1:1000 mts
VERTICAL SCALE 1:100 mts



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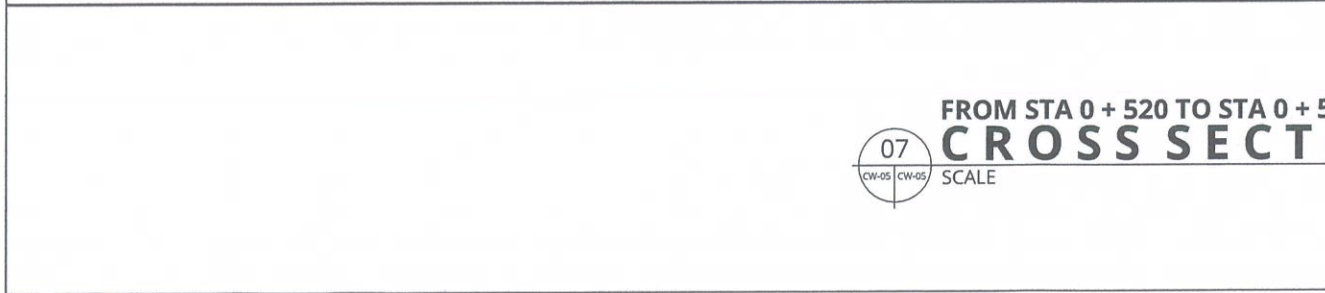
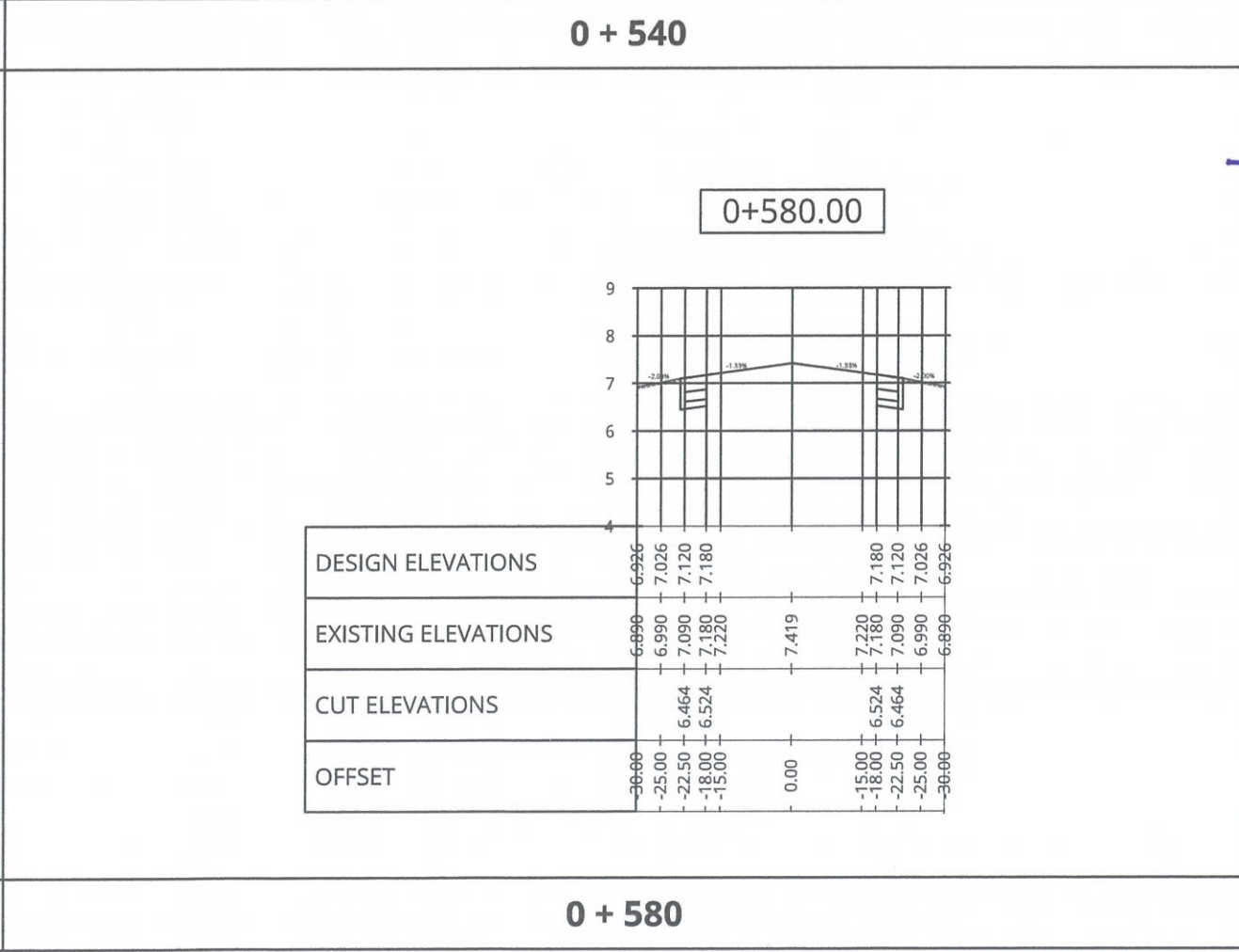
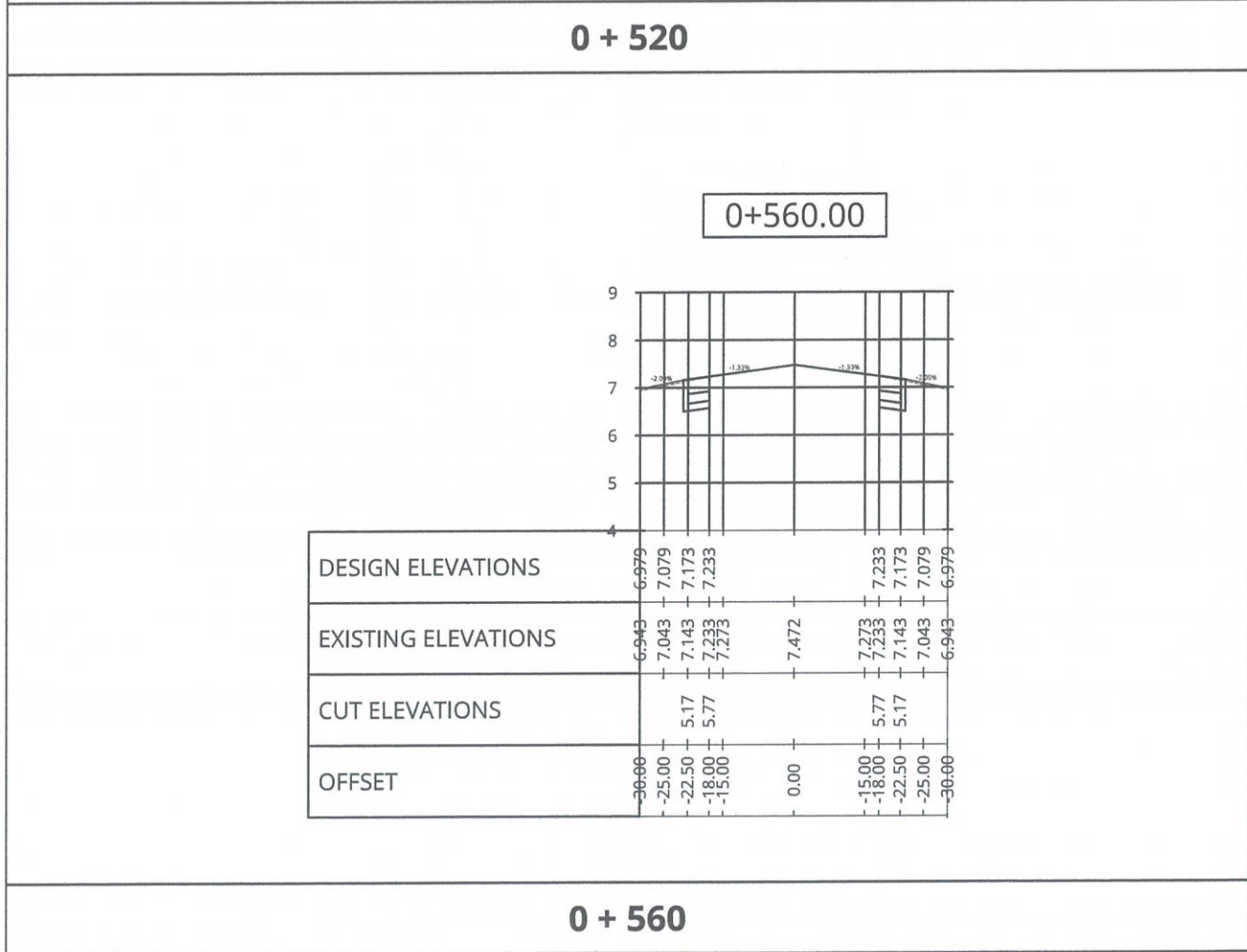
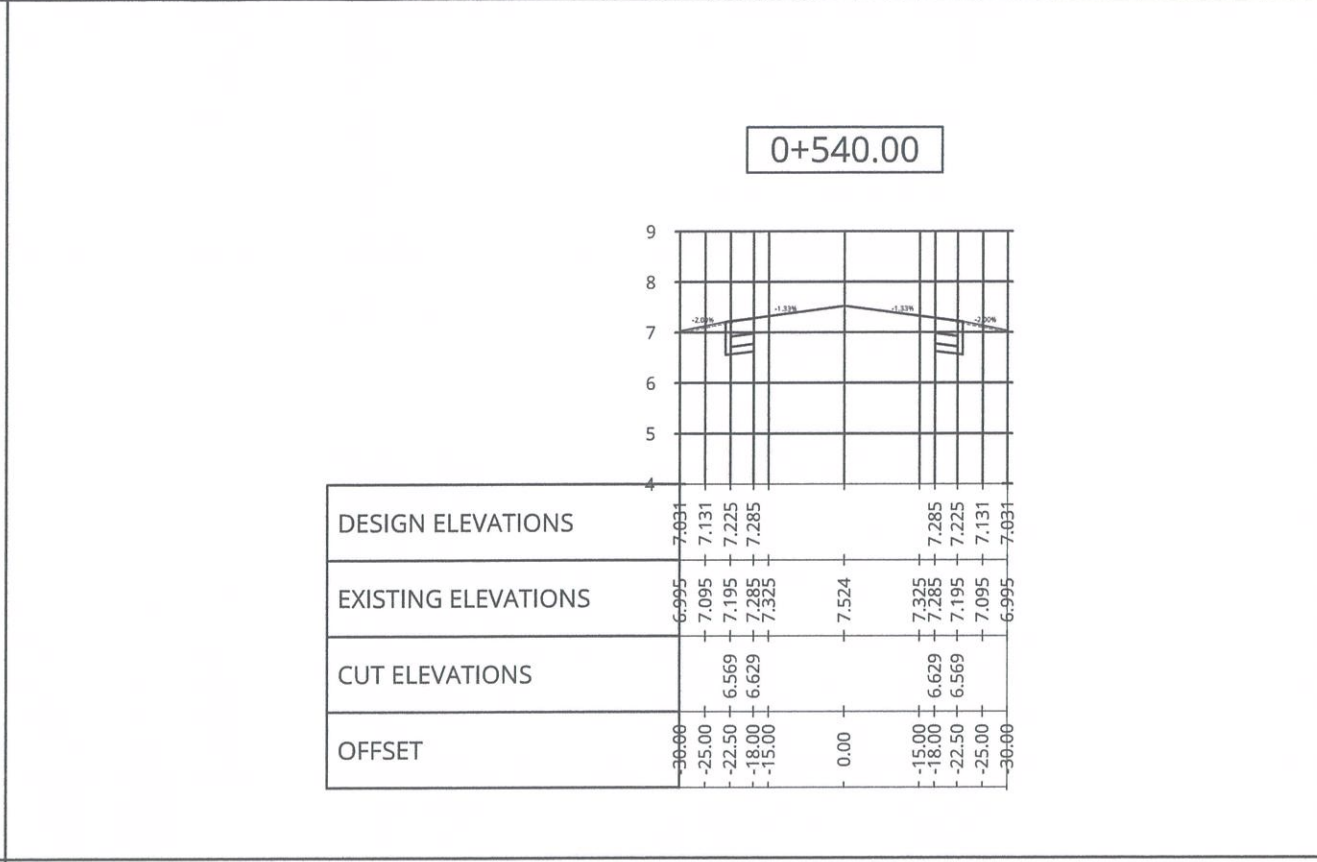
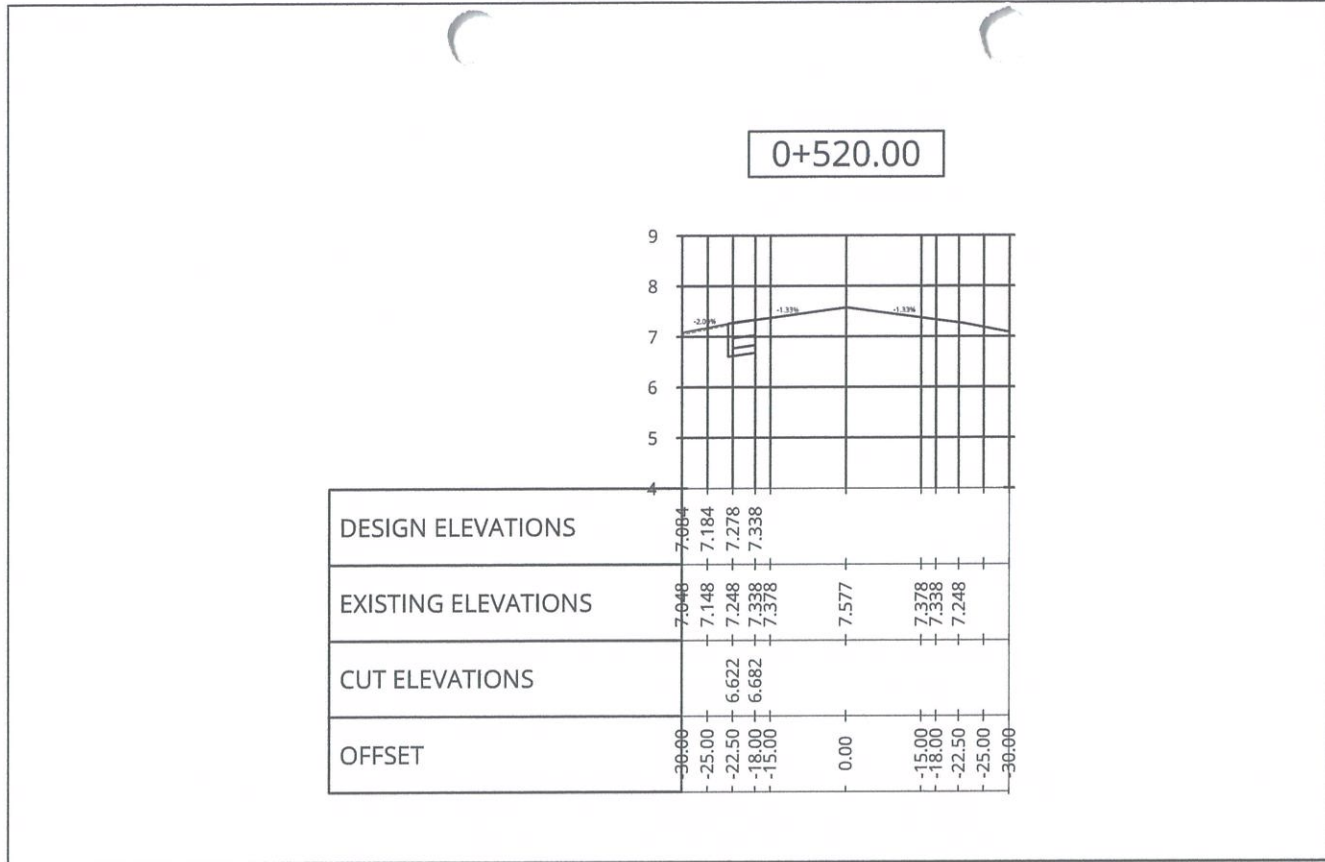
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

SHEET CONTENTS:

* CROSS SECTION VIEWS
(from STA 0 + 440 to 0 + 500)

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 04
	04 15





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AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

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DATE:	

CHECKED BY:


RAUL R. CRUCENA
Division Chief III, IDDD

SUBMITTED BY:


ARNEL F. BORLADO
Department Manager III, AED-ADMS

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LT COL VALENTINO A. DIONELA, PAF (RET)
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APPROVED:


CAPTAIN MANUEL ANTONIO L. TAMAYO
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CONCURRED:


ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports

PROJECT TITLE:

CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

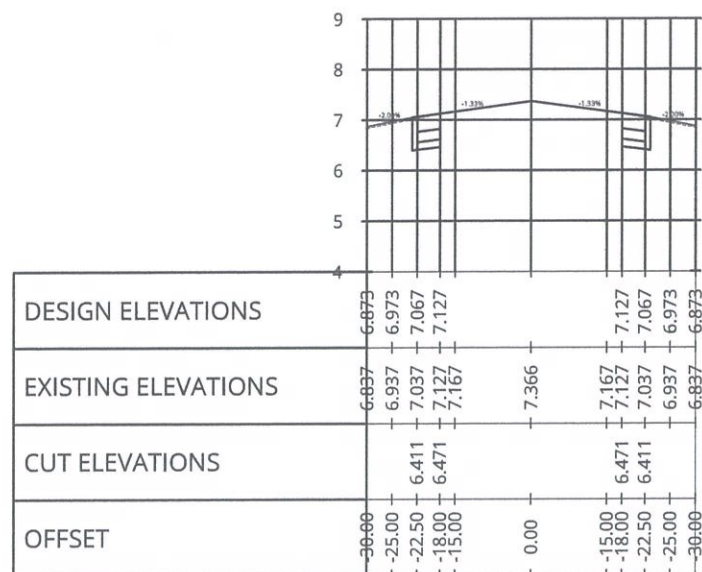
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

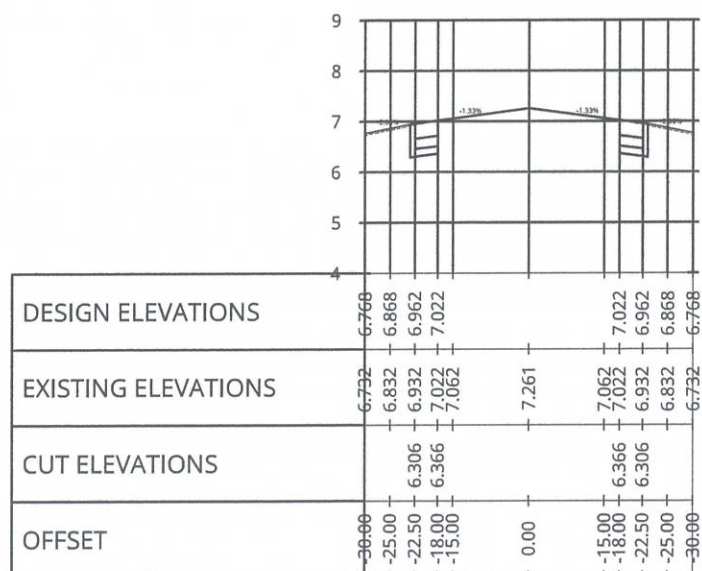
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* CROSS SECTION VIEWS
(from STA 0 + 520 to 0 + 580)

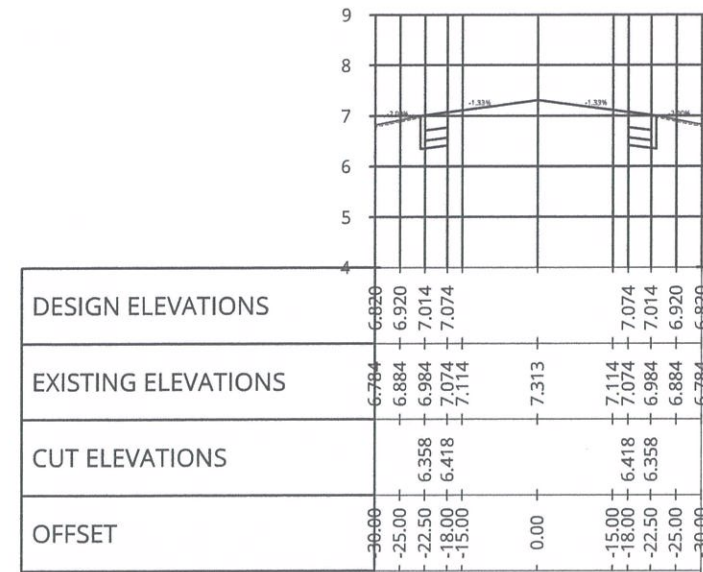
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AS SHOWN	CW - 05
	05
	15



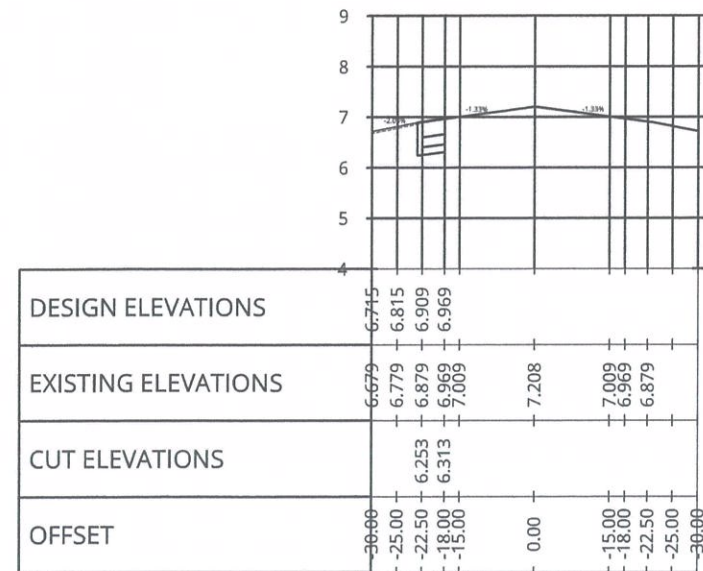
0 + 600



0 + 640



0 + 620



0 + 660

FROM STA 0 + 600 TO STA 0 + 660
CROSS SECTION VIEWS
 SCALE
 HORIZONTAL 1:1000 mts
 VERTICAL 1:100 mts



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL/DATE
DESIGNED BY: IDDD	
DRAWN BY:	
REVIEWED BY:	
DATE:	

CHECKED BY:

RAUL R. CRUCENA
 Division Chief III, IDDD

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ARNEL F. BORLADO
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RECOMMEND APPROVAL:

LT COL VALENTINO A DIONELA, PAF (RET)
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APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
 DIRECTOR GENERAL

CONCURRED:

ATTY. ROBERTO C.O. LIM
 Undersecretary for Aviation and Airports

PROJECT TITLE:

CONTINUATION OF THE CONSTRUCTION OF AIRPORT FACILITIES AT ANTIQUE AIRPORT

LOCATION:

ANTIQUE AIRPORT
 FUNDA, DALIPE, SAN JOSE DE BUENAVISTA, ANTIQUE

SHEET CONTENTS:
 * CROSS SECTION VIEWS
 (from STA 0 + 600 to 0 + 660)

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 06
	06 15



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL/DATE
DESIGNED BY: IDDD	
DRAWN BY:	
REVIEWED BY:	
BY:	
DATE:	

CHECKED BY:


RAUL R. CRUCENA
Division Chief III, IDDD

SUBMITTED BY:


ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:


LT COL. VALENTINO A. DIONELA PAF (RET)
Assistant Director General II, ADMS

APPROVED:


CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

CONCURRED:


ATTY. ROBERTO C. LIM
Undersecretary for Aviation & Airports

PROJECT TITLE:
CONTINUATION OF THE CONSTRUCTION OF AIRPORT FACILITIES AT ANTIQUE AIRPORT

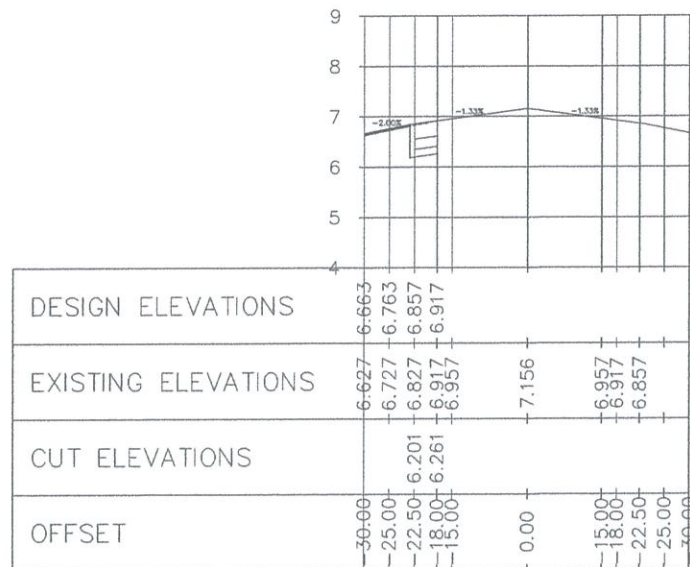
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALUPE, SAN JOSE DE BUENAVISTA, ANTIQUE

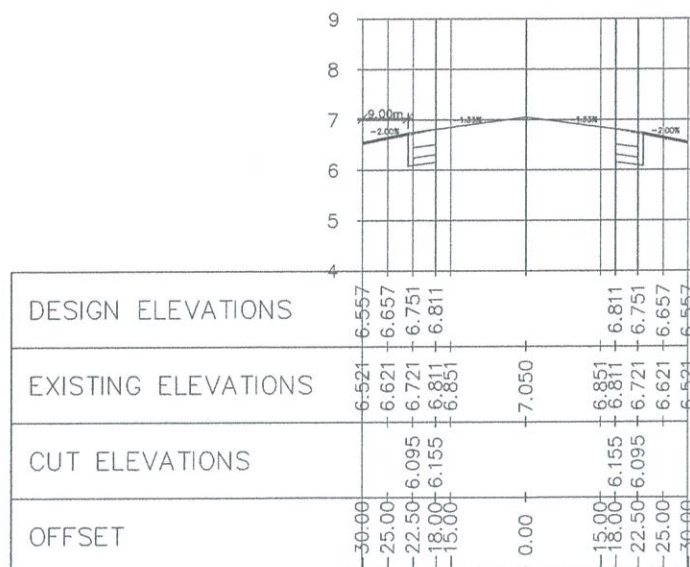
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*CROSS SECTION VIEWS
(from STA 0 + 680 to 0 + 740)

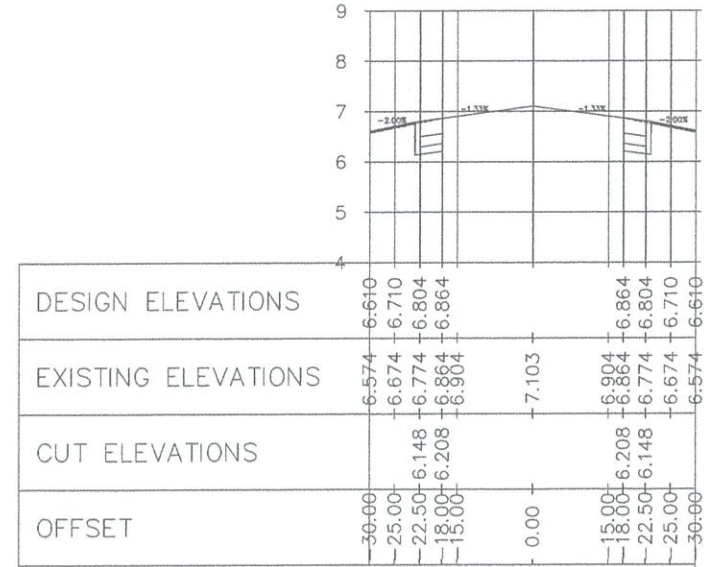
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AS SHOWN	CW -- 07
	07 15



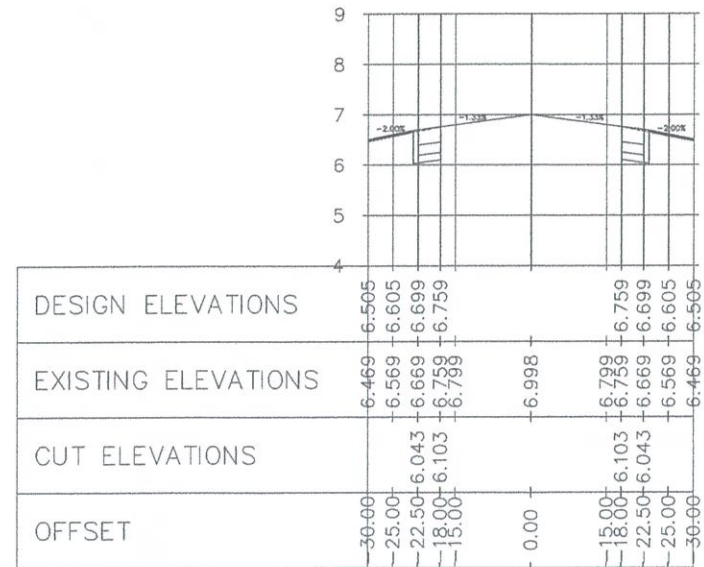
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0 + 720

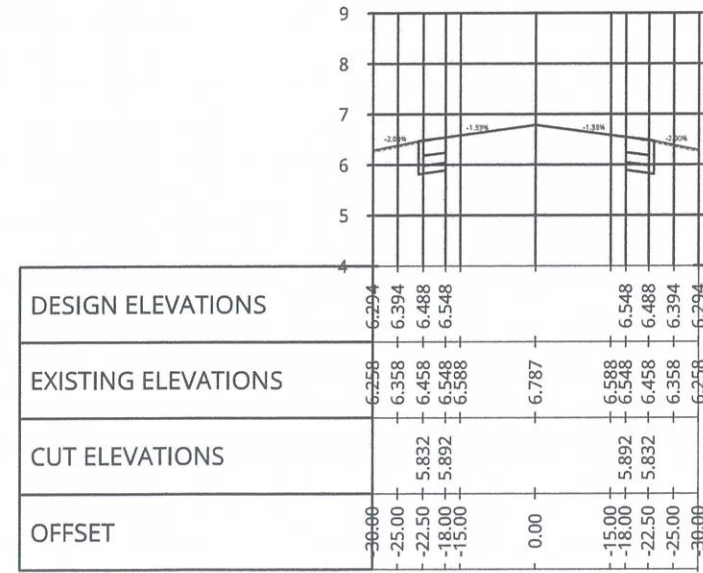
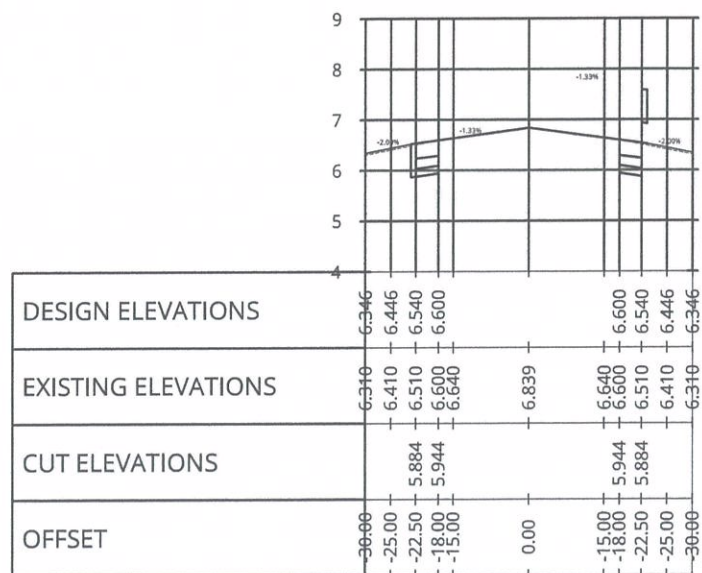
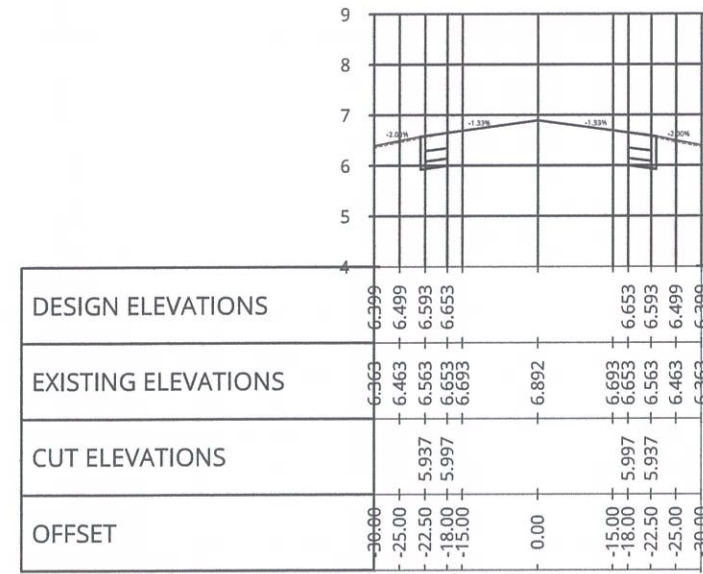
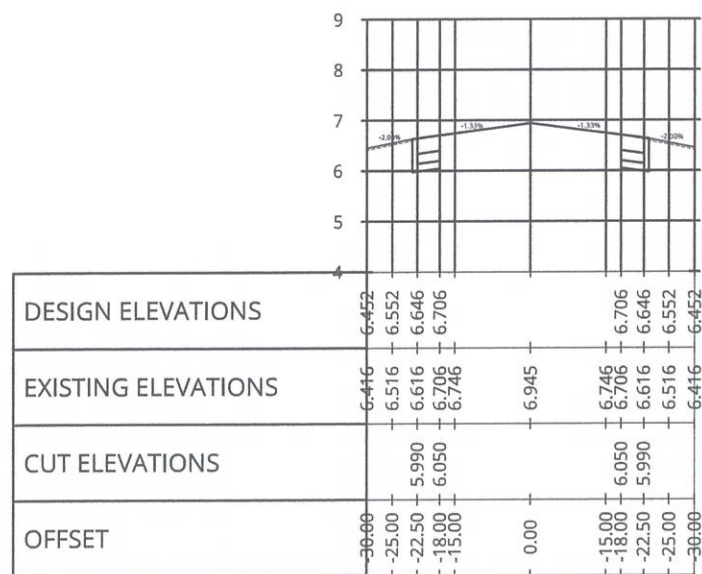


0 + 700



0 + 740

FROM STA 0 + 680 TO STA 0 + 740
CROSS SECTION VIEW
SCALE
HORIZONTAL 1:1000 mts
VERTICAL 1:100 mts



0 + 760

0 + 780

0 + 800

0 + 820

FROM STA 0 + 760 TO STA 0 + 820
10 CROSS SECTION VIEWS
SCALE HORIZONTAL 1:1000 mts VERTICAL 1:100 mts



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AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

DESIGN STAFF	INITIAL/DATE
DESIGNED BY:	IDDD
DRAWN BY:	
REVIEWED BY:	
DATE:	

CHECKED BY:

RAUL R. CRUCENA
Division Chief/III, IDDD

SUBMITTED BY:

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APPROVED:

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CONCURRED:

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Undersecretary for Aviation and Airports

PROJECT TITLE:

CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

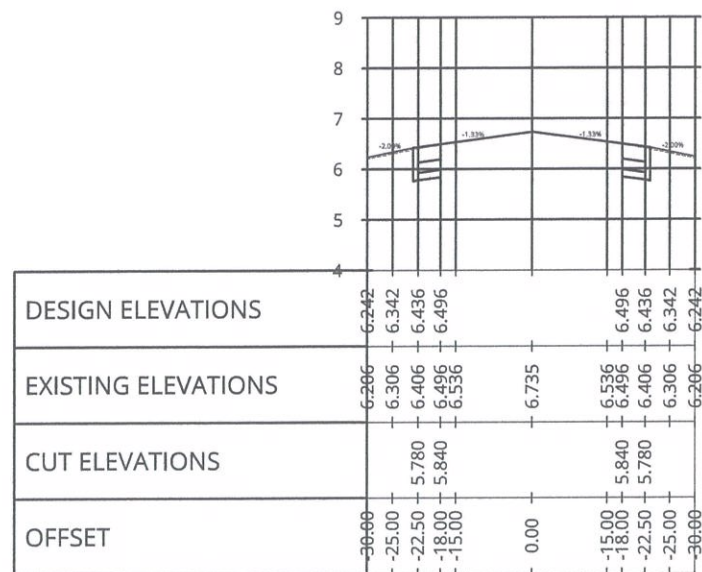
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

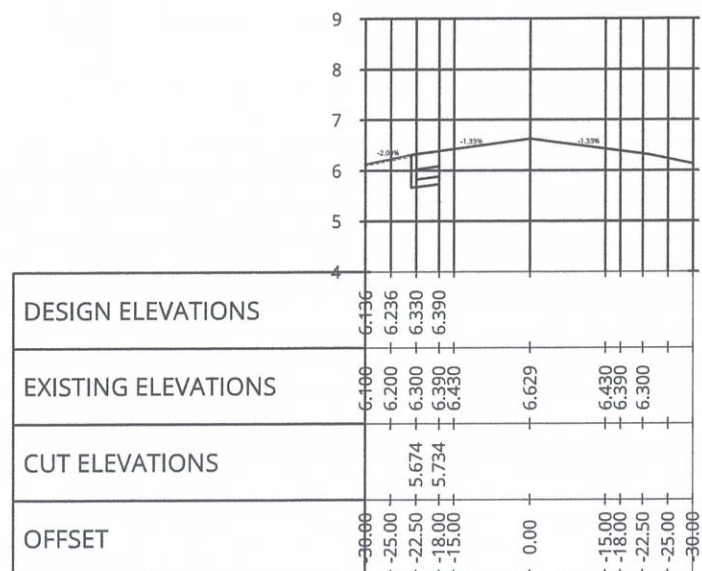
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* CROSS SECTION VIEWS
(from STA 0 + 760 to 0 + 820)

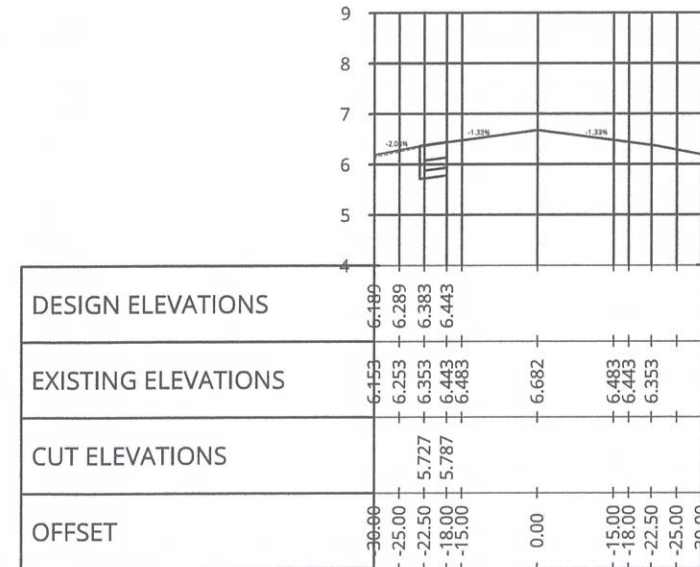
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AS SHOWN	CW - 08
	08 15



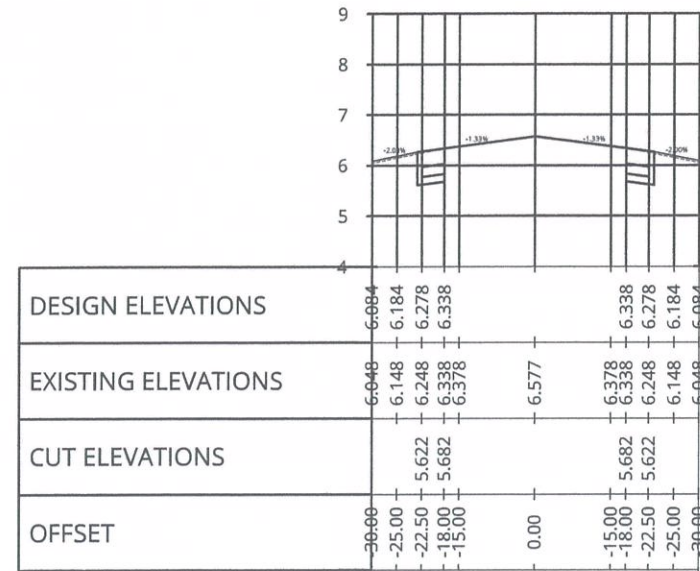
0 + 840



0 + 880



0 + 860



0 + 900

FROM STA 0 + 840 TO STA 0 + 900
11 CROSS SECTION VIEWS
SCALE HORIZONTAL 1:1000 mts VERTICAL 1:100 mts



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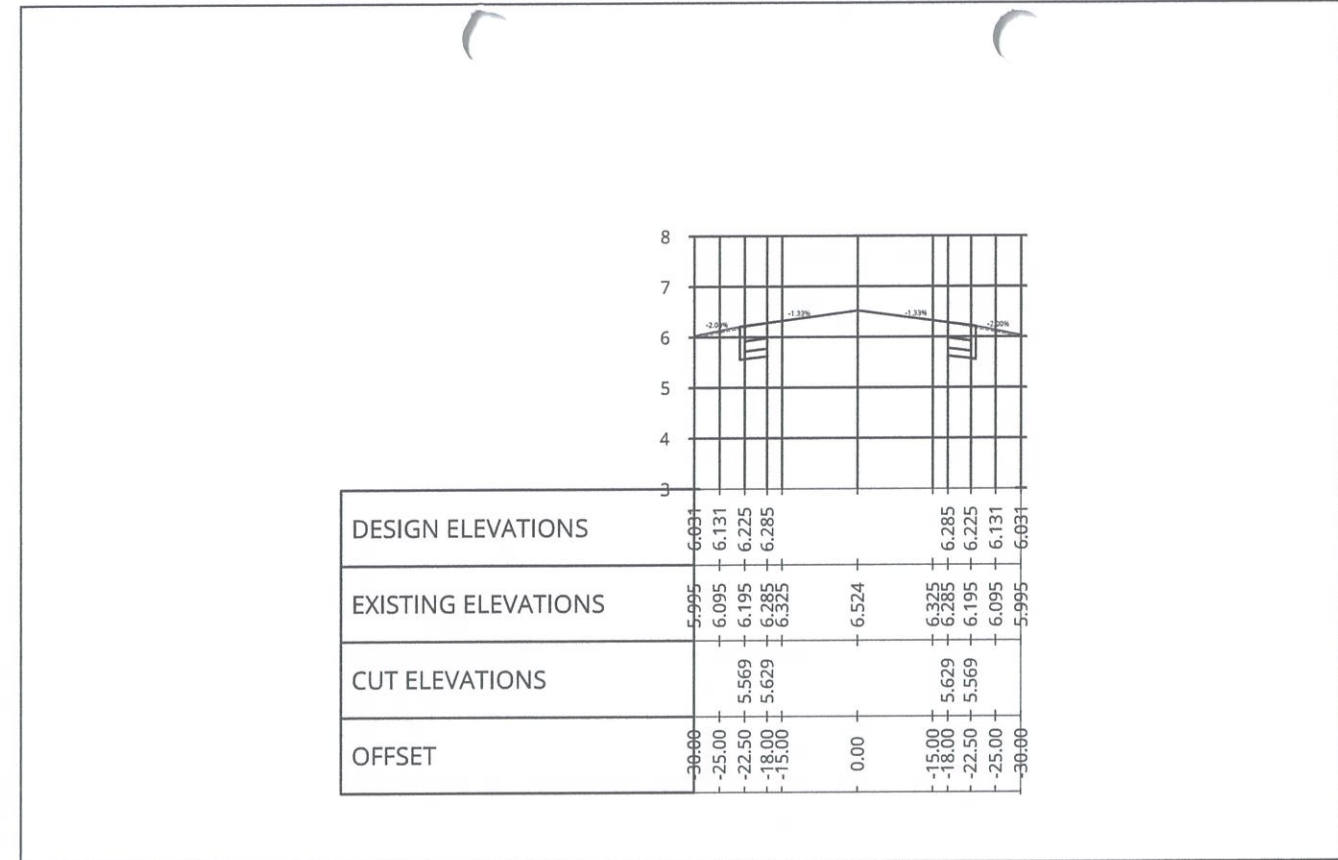
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

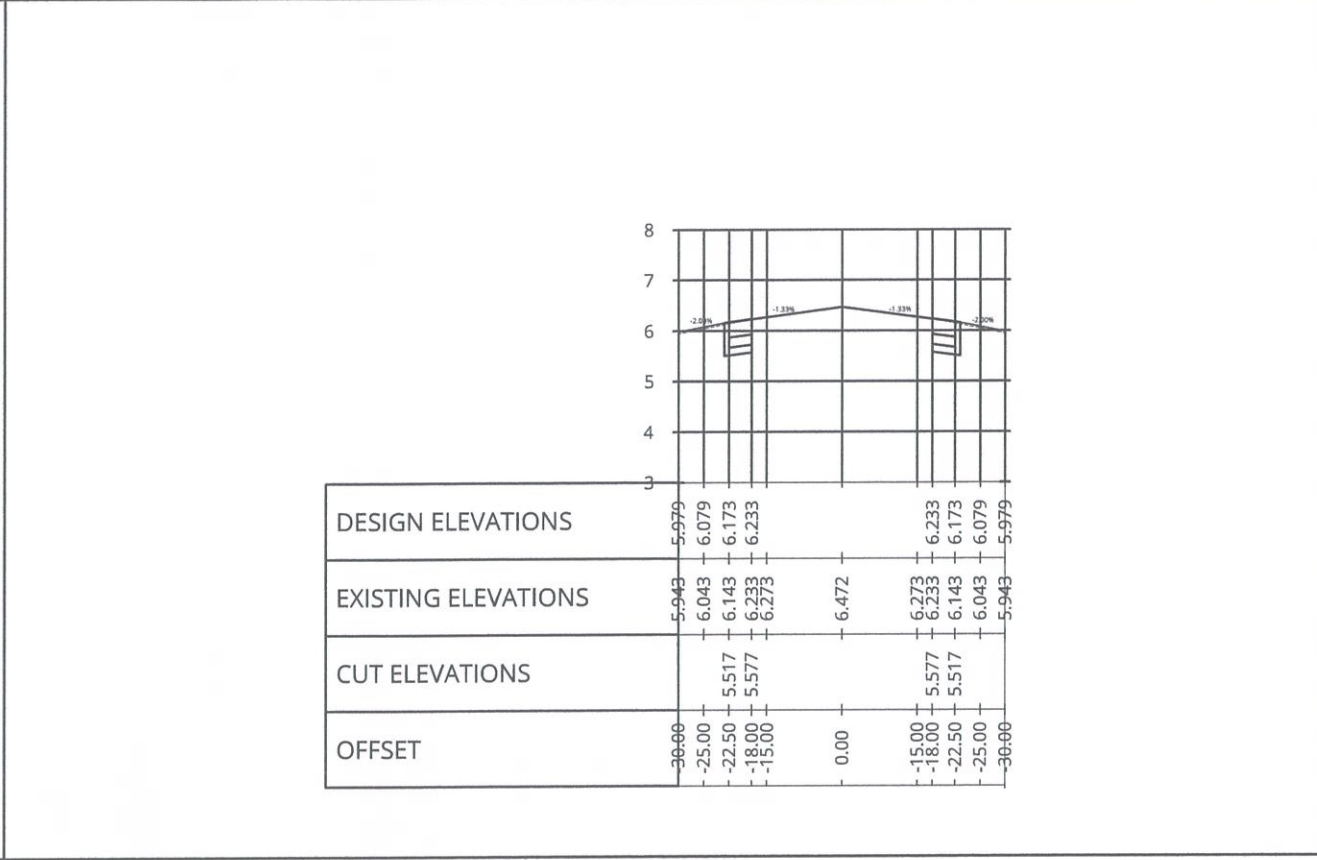
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* CROSS SECTION VIEWS
(from STA 0 + 840 to 0 + 900)

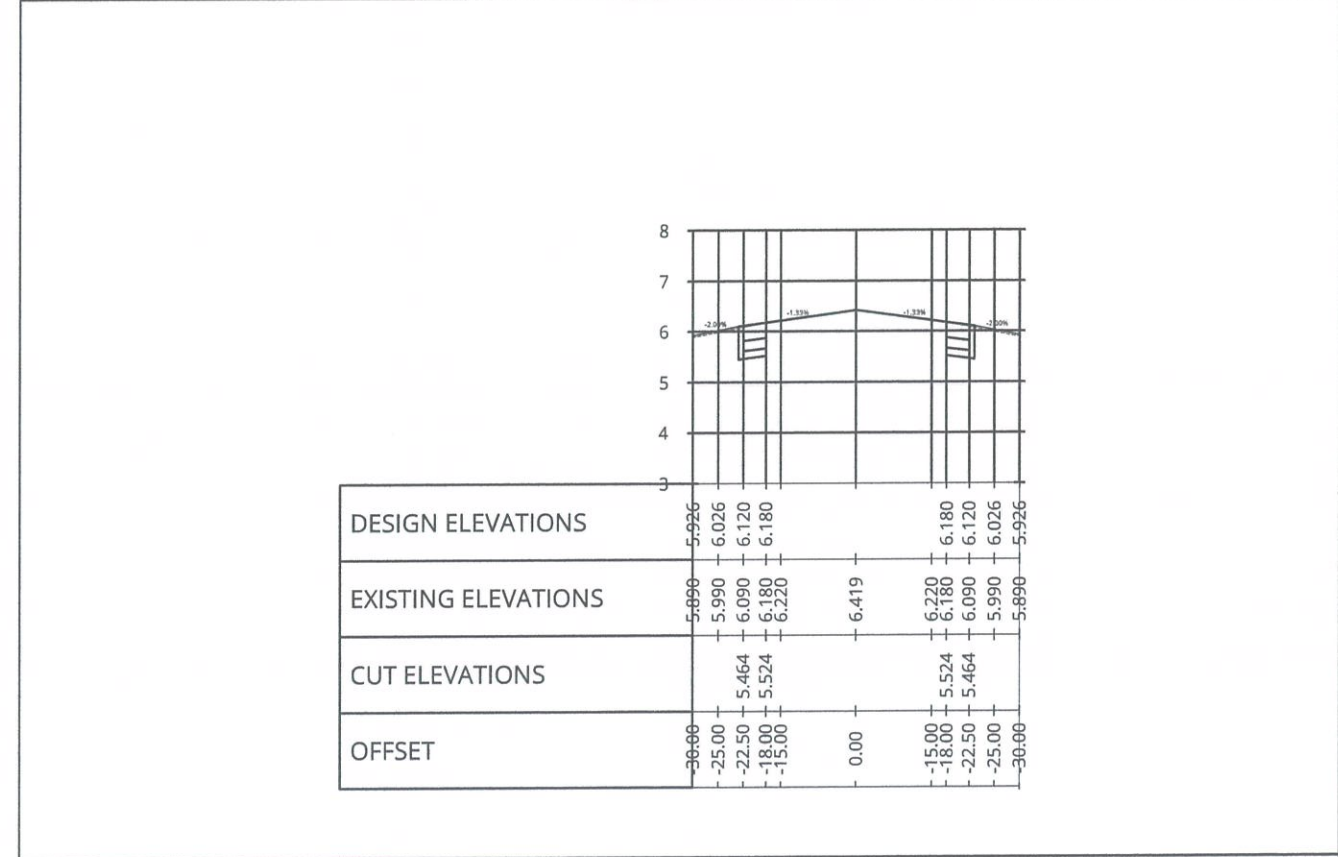
DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 09
	09 15



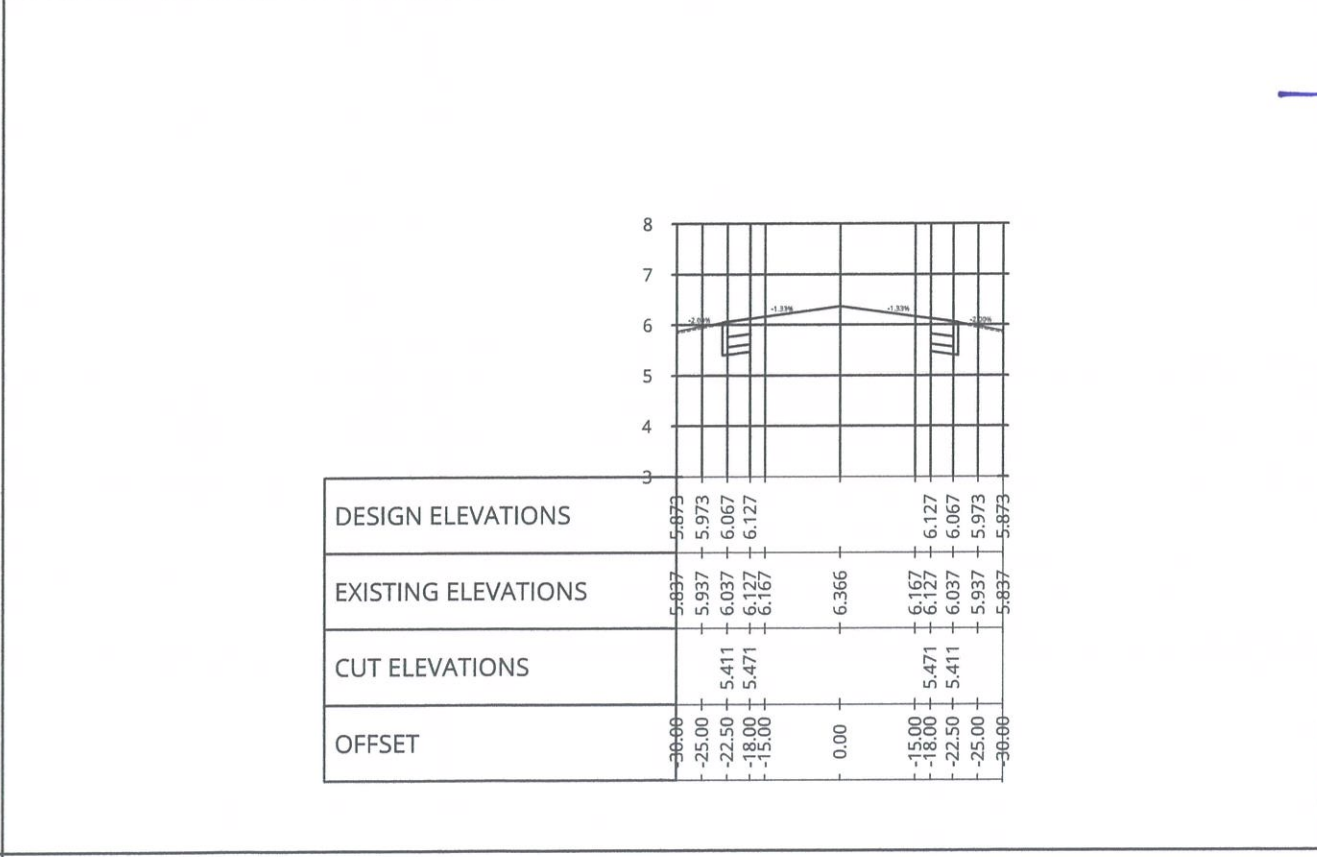
0 + 920



0 + 940



0 + 960



0 + 980

FROM STA 0 + 920 TO STA 0 + 980
CROSS SECTION VIEWS
SCALE
HORIZONTAL 1:1000 mts
VERTICAL 1:100 mts



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CAAP.

AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

DESIGN STAFF	INITIAL/DATE
DESIGNED BY:	IDDD
DRAWN BY:	
REVIEWED BY:	
DATE:	

CHECKED BY:

RAUL R. CRUCENA
Division Chief III, IDDD

SUBMITTED BY:
ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:
LT COL VALENTINO A DIONELA, PAF (RET)
Assistant Director General II, ADMS

APPROVED:
CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

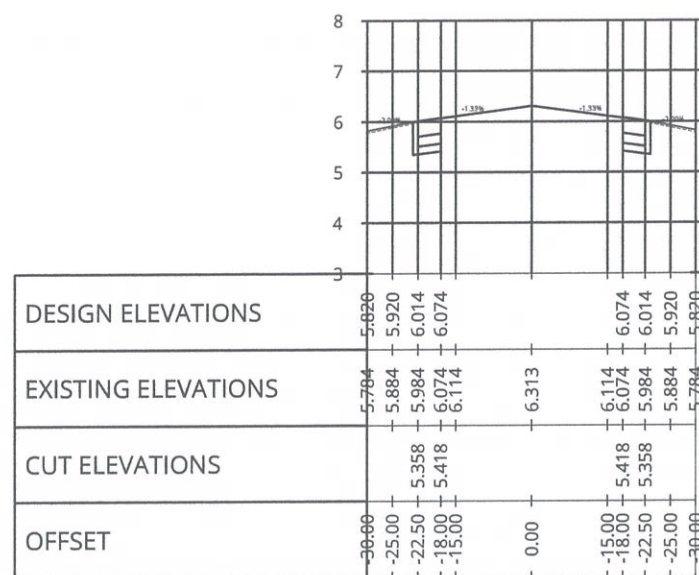
CONCURRED:
ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airport

PROJECT TITLE:
CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

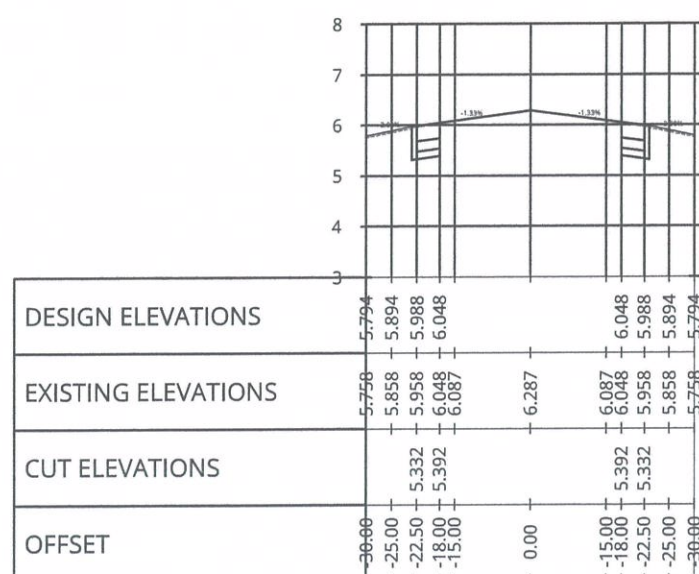
LOCATION:
ANTIQUA AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

SHEET CONTENTS:
• CROSS SECTION VIEWS
(from STA 0 + 920 to 0 + 980)

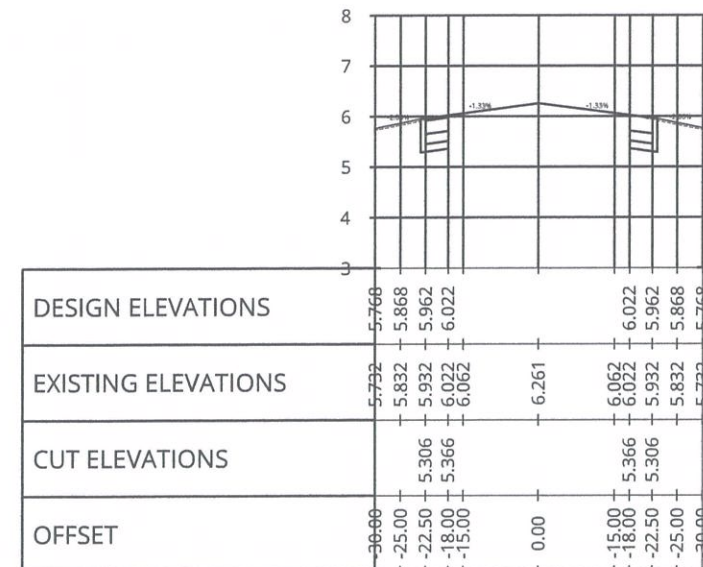
DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 10
	10 15



1 + 000



1 + 030



1 + 020

FROM STA 1 + 000 TO STA 1 + 030
CROSS SECTION VIEWS
SCALE
HORIZONTAL 1:1000 mts
VERTICAL 1:100 mts



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DIRECTOR GENERAL

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Undersecretary for Aviation and Airports

PROJECT TITLE:

CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

LOCATION:

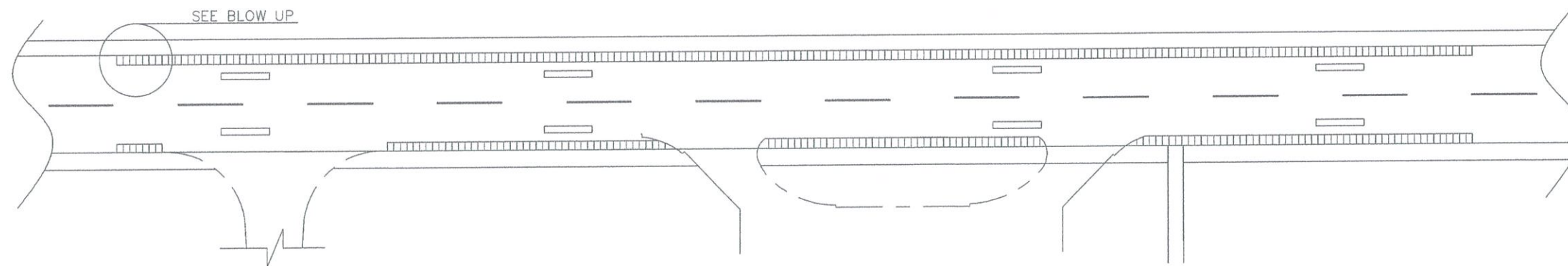
ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

SHEET CONTENTS:

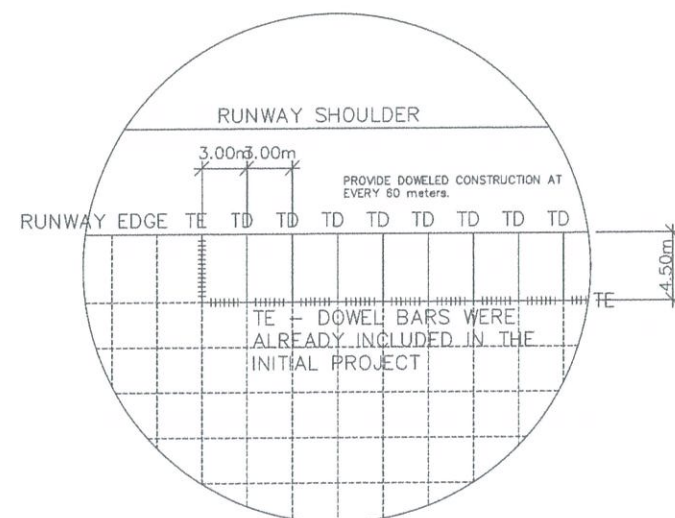
• CROSS SECTION VIEWS
(from STA 1 + 000 to 1 + 030)

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 11
	11 15

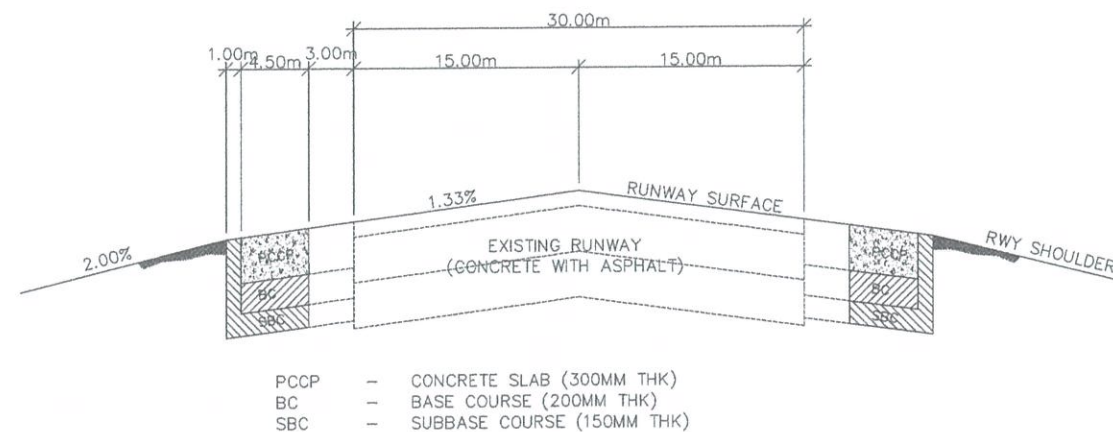
STA 0+360
STA 0+380
STA 0+400
STA 0+420
STA 0+440
STA 0+460
STA 0+480
STA 0+500
STA 0+520
STA 0+540
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STA 0+580
STA 0+600
STA 0+620
STA 0+640
STA 0+660
STA 0+680
STA 0+700
STA 0+720
STA 0+740
STA 0+760
STA 0+780
STA 0+800
STA 0+820
STA 0+840
STA 0+860
STA 0+880
STA 0+900
STA 0+920
STA 0+940
STA 0+960
STA 0+980
STA 1+000
STA 1+020
STA 1+040
STA 1+060
STA 1+080



14
CW-12CW-12
WIDENING OF RUNWAY - 4.5M WIDTH
PAVING PLAN
SCALE 1:2500 mts



15
CW-12CW-12
BLOW UP
SCALE 1:500 mts



16
CW-12CW-12
WIDENING OF RUNWAY - 4.5M WIDTH
TRANSVERSE SECTION
NTS



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL/DATE
DESIGNED BY: IDDD	
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DATE:	
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APPROVED:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

CONCURRED:
ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation & Airports

PROJECT TITLE:
CONTINUATION OF THE CONSTRUCTION OF AIRPORT FACILITIES AT ANTIQUE AIRPORT

LOCATION:
ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE BUENAVISTA, ANTIQUE

SHEET CONTENTS:
• PAVING PLAN
• BLOW UP
• TRANSVERSE SECTION

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 12
	12 15



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AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

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DATE:	

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DIRECTOR GENERAL

CONCURRED:

ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports

PROJECT TITLE:

CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

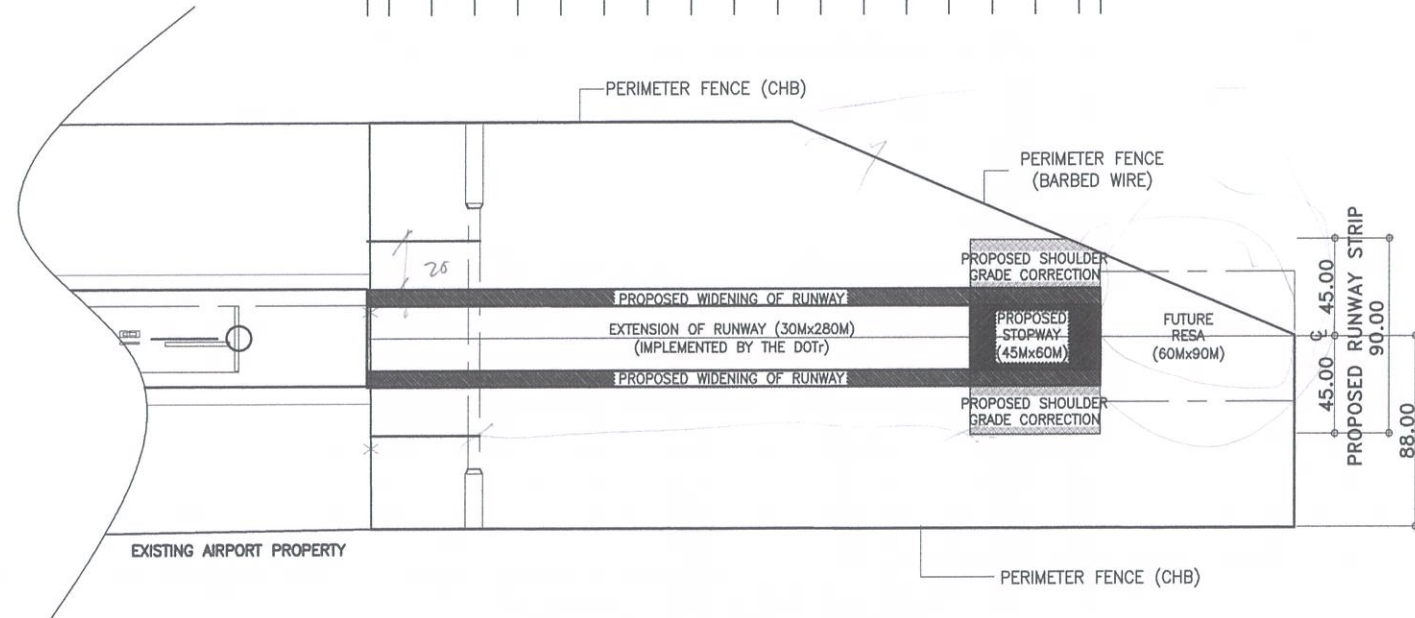
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

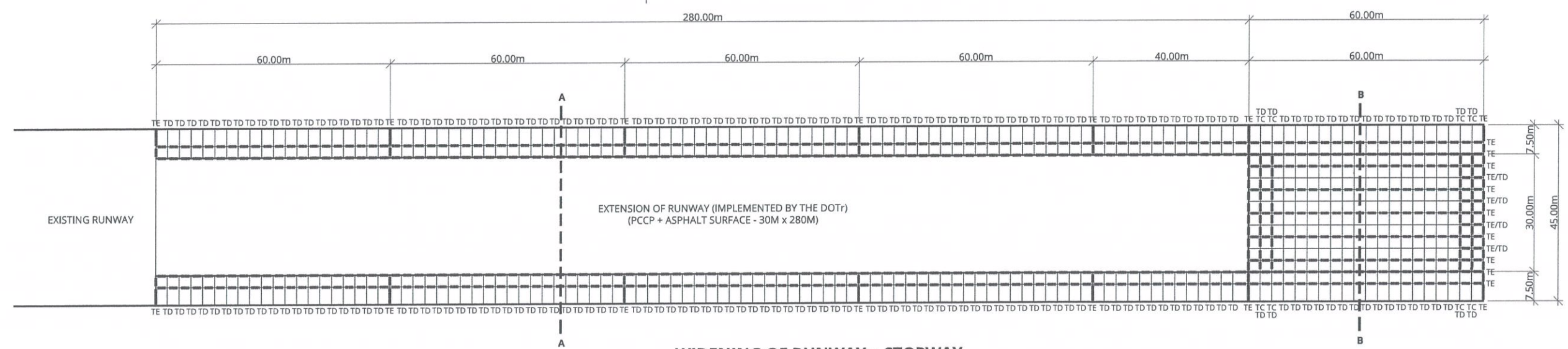
SHEET CONTENTS:
• LAYOUT PLAN (WIDENING OF RUNWAY + STOPWAY)
• PAVING PLAN
• TRANSVERSE SECTION (AA)
• TRANSVERSE SECTION (BB)

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 13
	13 15

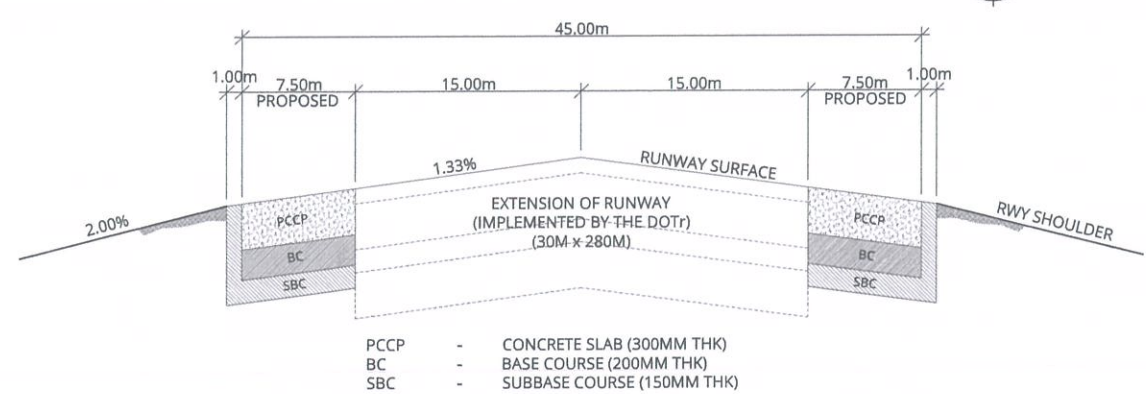
STA 1+430
STA 1+440
STA 1+460
STA 1+480
STA 1+500
STA 1+520
STA 1+540
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STA 1+720
STA 1+740
STA 1+760
STA 1+770



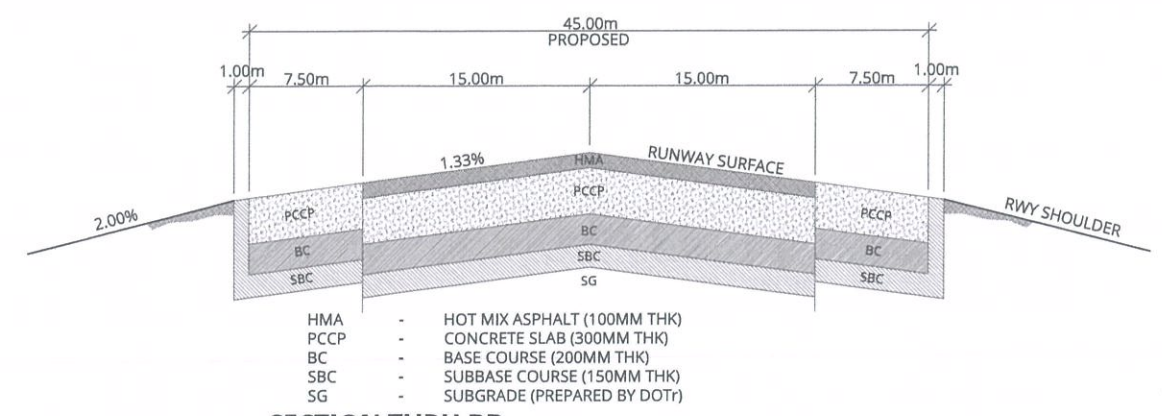
17
CW-13 CW-13
**WIDENING OF RUNWAY + STOPWAY
LAYOUT PLAN**
SCALE 1:2500 mts



18
CW-13 CW-13
**WIDENING OF RUNWAY + STOPWAY
PAVING PLAN**
SCALE 1:1200 mts



19
CW-13 CW-13
**SECTION THRU AA
TRANSVERSE SECTION**
NTS

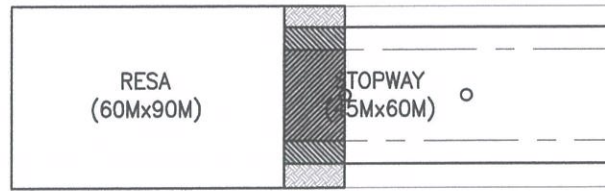


20
CW-13 CW-13
**SECTION THRU BB
TRANSVERSE SECTION**
NTS

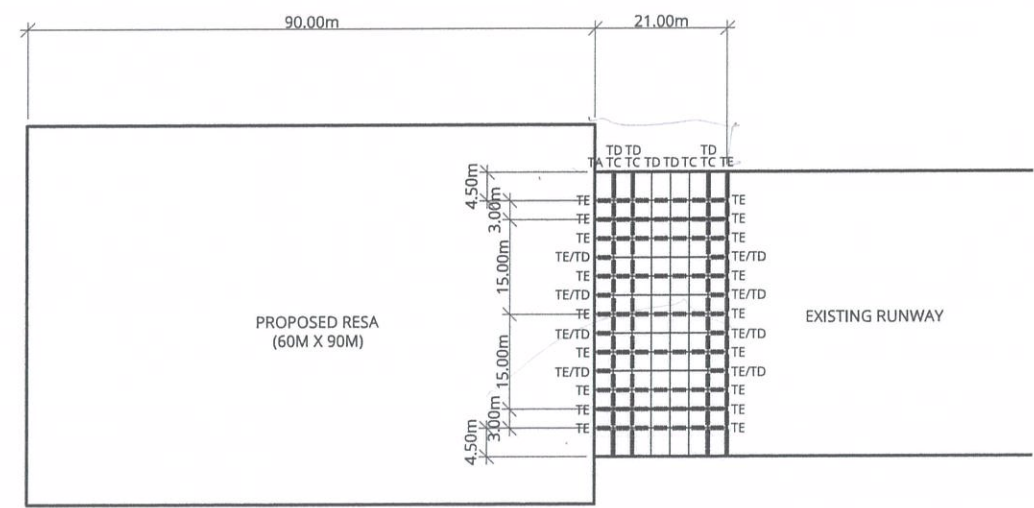
PCCP - CONCRETE SLAB (300MM THK)
BC - BASE COURSE (200MM THK)
SBC - SUBBASE COURSE (150MM THK)

HMA - HOT MIX ASPHALT (100MM THK)
PCCP - CONCRETE SLAB (300MM THK)
BC - BASE COURSE (200MM THK)
SBC - SUBBASE COURSE (150MM THK)
SG - SUBGRADE (PREPARED BY DOTr)

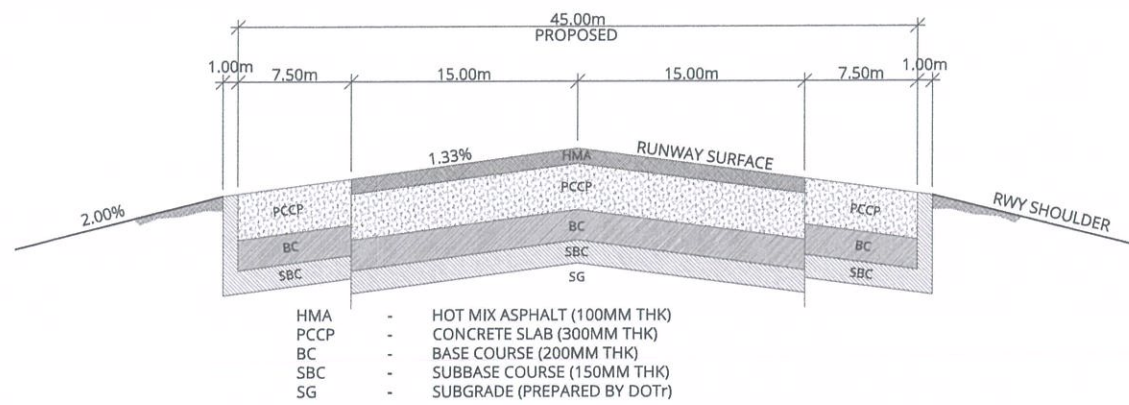
STA -0+110
STA -0+100
STA -0+080
STA -0+060
STA -0+040
STA -0+020
STA 0+000
STA 0+020
STA 0+040
STA 0+060
STA 0+080



21
CW-14 CW-14
**STOPWAY @ RWY 36
LAYOUT PLAN**
SCALE 1:2500 mts

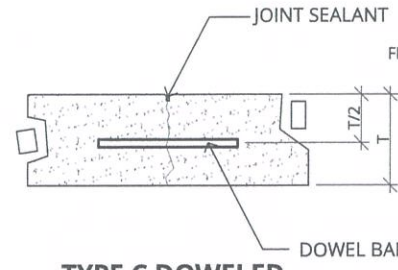


22
CW-14 CW-14
**STOPWAY @ RWY 36
PAVING PLAN**
SCALE 1:1200 mts

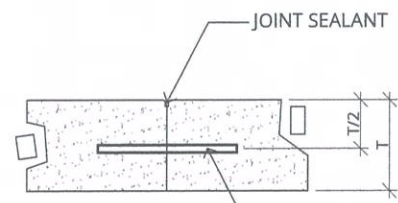


23
CW-14 CW-14
**STOPWAY @ RWY 36
TRANSVERSE SECTION**
NTS

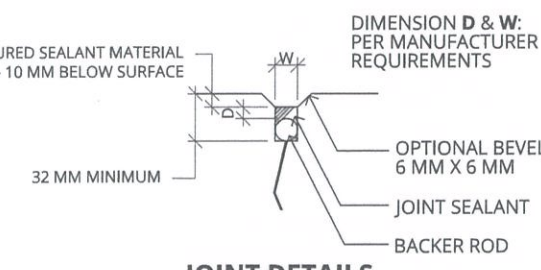
PAVEMENT THICKNESS	DIMENSIONS AND SPACING OF STEEL DOWELS					
	DOWELS					
	CONTRACTION JOINTS			CONSTRUCTION JOINTS		
	DIAMETER Ø	LENGTH	SPACING	DIAMETER Ø	LENGTH	SPACING
7.5"-12" (191mm-305mm)	1" (25mm)	18" (460mm)	12" (305mm)	1" (25mm)	18" (460mm)	12" (305mm)



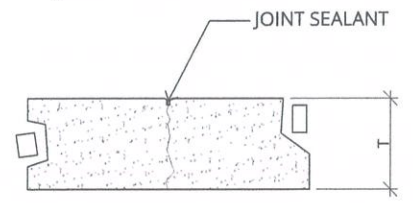
TYPE C DOWELED



TYPE E DOWELED

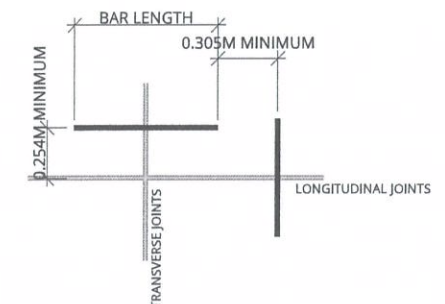
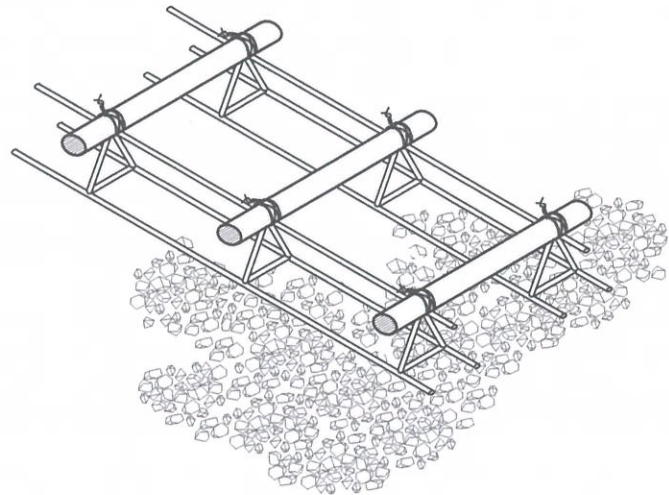


JOINT DETAILS

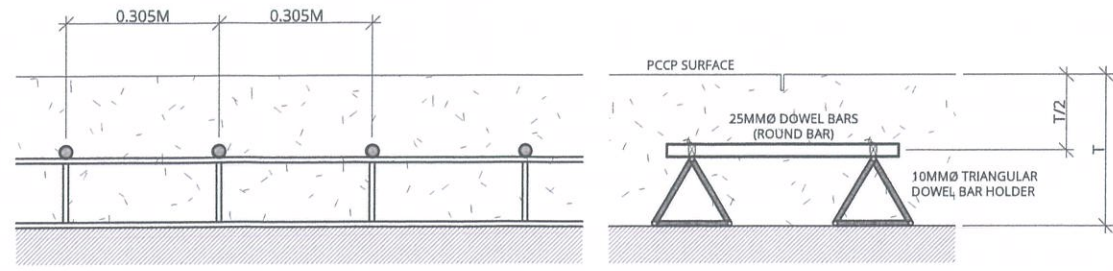


TYPE D DUMMY

25
CW-14 CW-14
DETAIL OF PAVING JOINTS
NTS



**POSITION OF DOWEL AT
EDGE JOINT**



24
CW-14 CW-14
DOWEL BAR HOLDER
NTS

- NOTES:
1. ALL STEEL DOWELS SHALL BE SUPPORTED AND HELD IN PLACE BY AN APPROVED ASSEMBLY.
 2. ALL STEEL DOWELS SHALL BE OF GRADE 60 (60,000 psi / 414 MPa).
 3. ALL FORMED JOINTS SHALL BE FINISHED WITH RADIUS OF 6mm OR 13mm.
 4. ALL GROOVES OF CONTRACTION JOINTS SHALL BE SAWED WITHIN 24 HOURS.
 5. WHERE PAVING OPERATIONS ARE DELAYED OR STOPPED, PROVIDE DOWELED CONSTRUCTION JOINT.
 6. CONCRETE BLOCKING SHALL BE 3.0m BY 3.0m, UNLESS OTHERWISE GOVERNED BY ABUTTING EDGE.
 7. ALL PAVING JOINTS SHALL BE FILLED WITH JOINT SEALANT AS SPECIFIED.



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**AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE**

**INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION**

DESIGN STAFF	INITIAL/DATE
DESIGNED BY:	IDDD
DRAWN BY:	
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DATE:	

CHECKED BY:

RAUL R. CRUCENA
Division Chief III, IDDD

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Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

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APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

CONCURRED:

ATTY. ROBERTO C.O. LIM
Undersecretary for Aviation and Airports

PROJECT TITLE:

CONTINUATION OF THE
CONSTRUCTION OF AIRPORT
FACILITIES AT ANTIQUE AIRPORT

LOCATION:

ANTIQUAIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

SHEET CONTENTS:
• LAYOUT PLAN (STOPWAY @ RWY 36)
• PAVING PLAN
• TRANSVERSE SECTION
• DOWEL HOLDER
• DETAIL OF PAVING PLANS

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 14
	14 15



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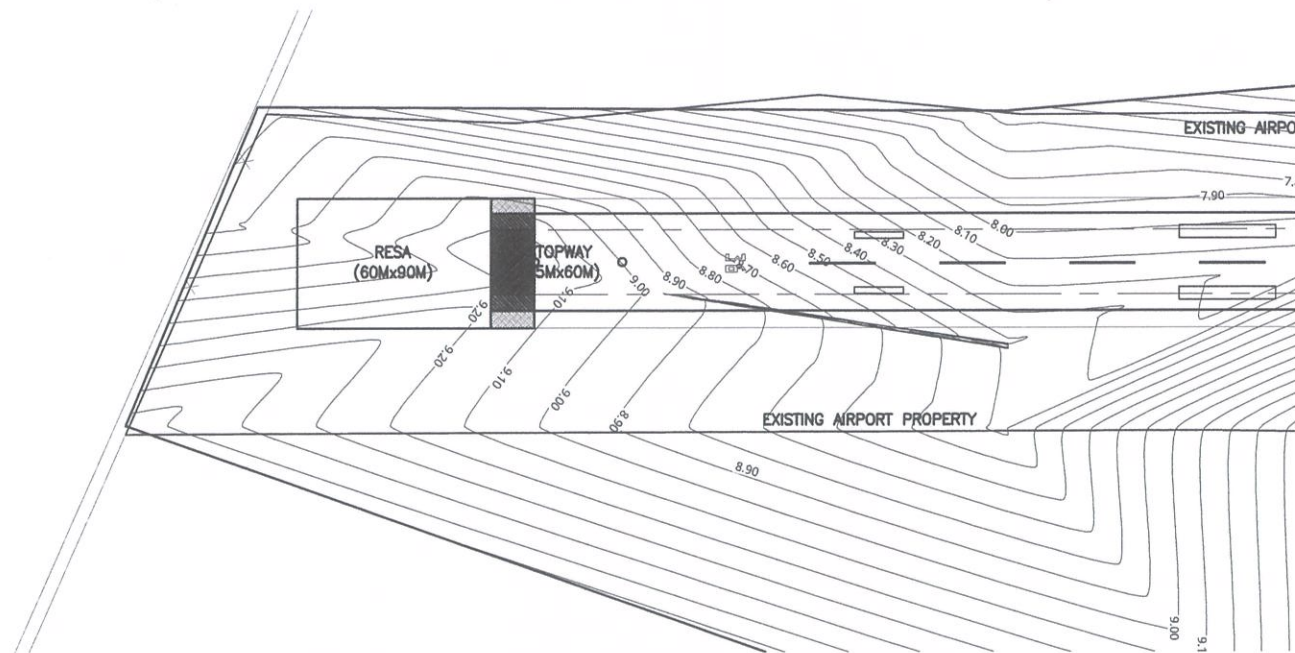
LOCATION:

ANTIQUE AIRPORT
FUNDA, DALIPE, SAN JOSE DE
BUENAVISTA, ANTIQUE

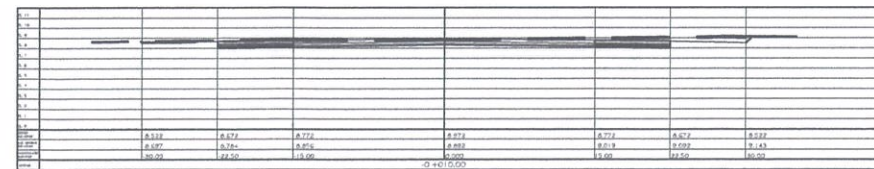
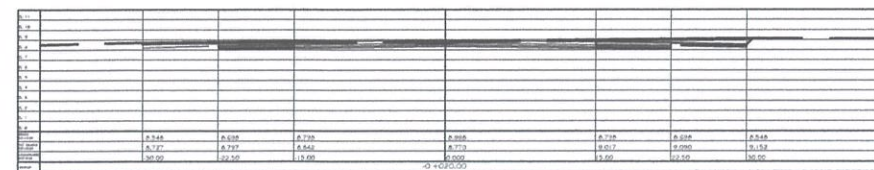
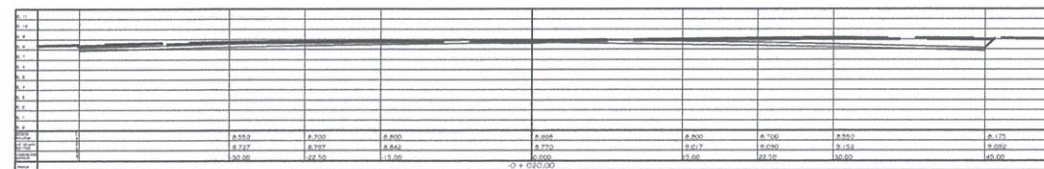
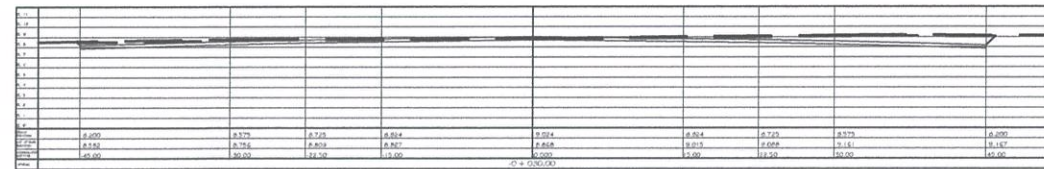
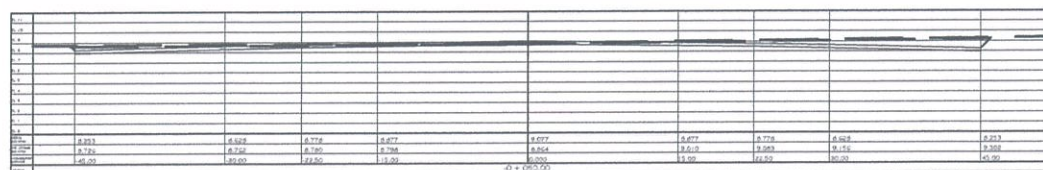
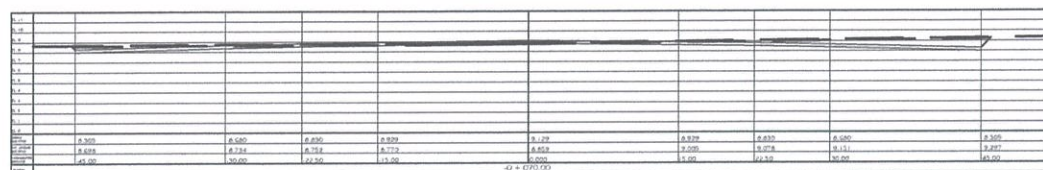
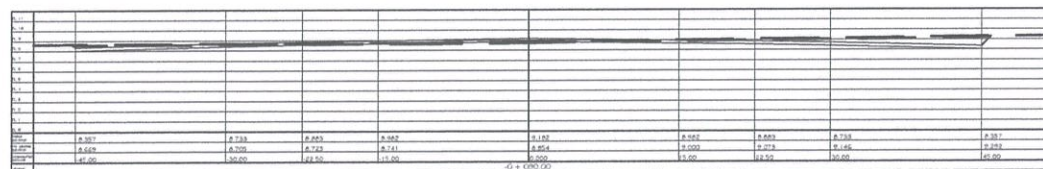
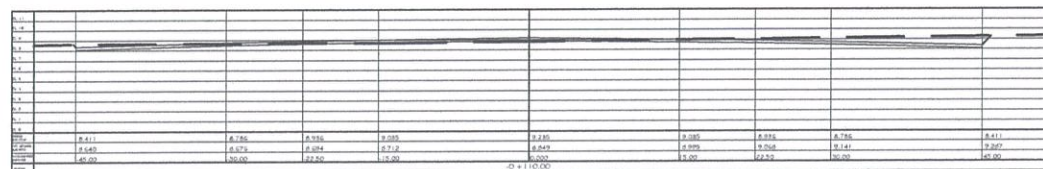
SHEET CONTENTS:

- TOPOGRAPHIC PLAN (RESA)
- CROSS SECTION
(from STA -0 + 010 to STA -0 + 110)

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 15
	15 15



26
CW-15 CW-15
RUNWAY END SAFETY AREA
TOPOGRAPHIC PLAN
SCALE 1:1200 mts



27
CW-15 CW-15
FROM STA -0 + 010 TO -0 + 110
CROSS SECTION VIEWS
SCALE 1:750 mts