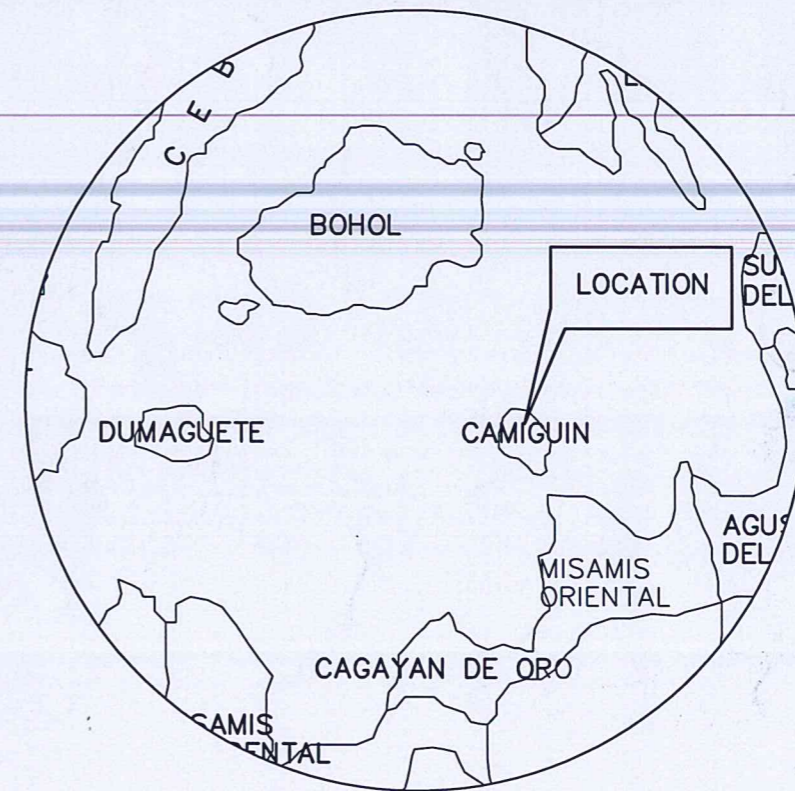
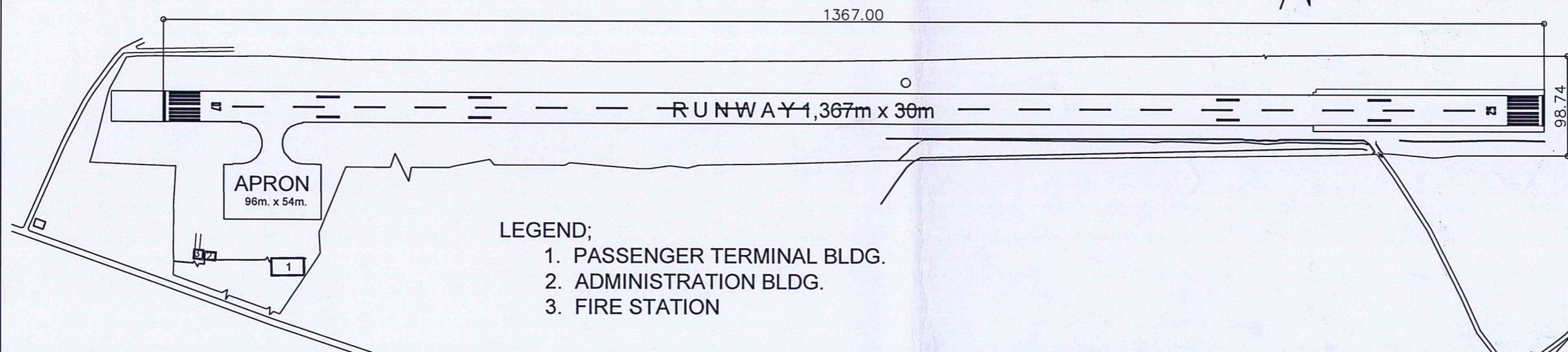




1 AERIAL VIEW  
A-08-00 SCALE: NTS.



1 LOCATION MAP  
A-08-00 SCALE: NTS.



1 AIRPORT LAYOUT PLAN  
S-06-00 SCALE: NTS.



DEPARTMENT OF TRANSPORTATION  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
800 ROAD, 1000 PASEY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY: IDDD	
DRAWN BY: G.O.F.	
CHECKED BY: E.J.D.JR.	
	F.M.N.

REVIEWED BY:  
RAUL R. CRUCENA  
Division Chief III, IDDD - ADMS

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

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

APPROVED:  
LT COL PAUL J. DEL ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:

PROJECT:  
CONSTRUCTION OF CFR ACCESS ROAD AND EXPANSION OF APRON

LOCATION:  
CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

SHEET CONTENTS:  
AERIAL VIEW  
LOCATION MAP  
AIRPORT LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	1 9
	CW - 01



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF TRANSPORTATION  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
1000, 1000 PLAZA CITY

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AERODROME DEVELOPMENT AND  
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT  
AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	G.Q.F.
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	F.M.N.

REVIEWED BY:

RAUL R. CRUCENA  
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO  
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

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Director General

NOTES/REVISIONS:


PROJECT:

CONSTRUCTION OF CFR  
ACCESS ROAD AND  
EXPANSION OF APRON

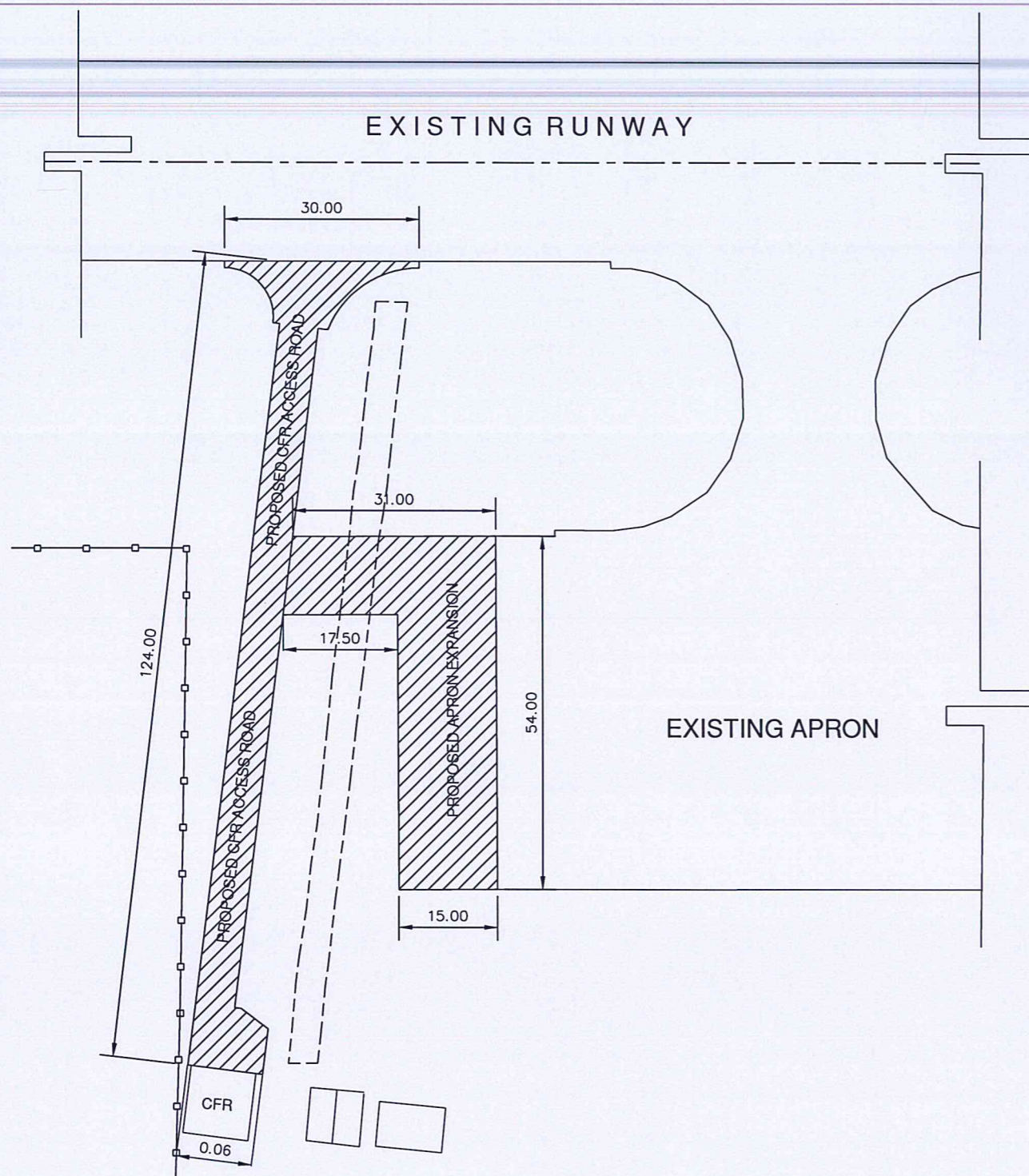
LOCATION:

CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

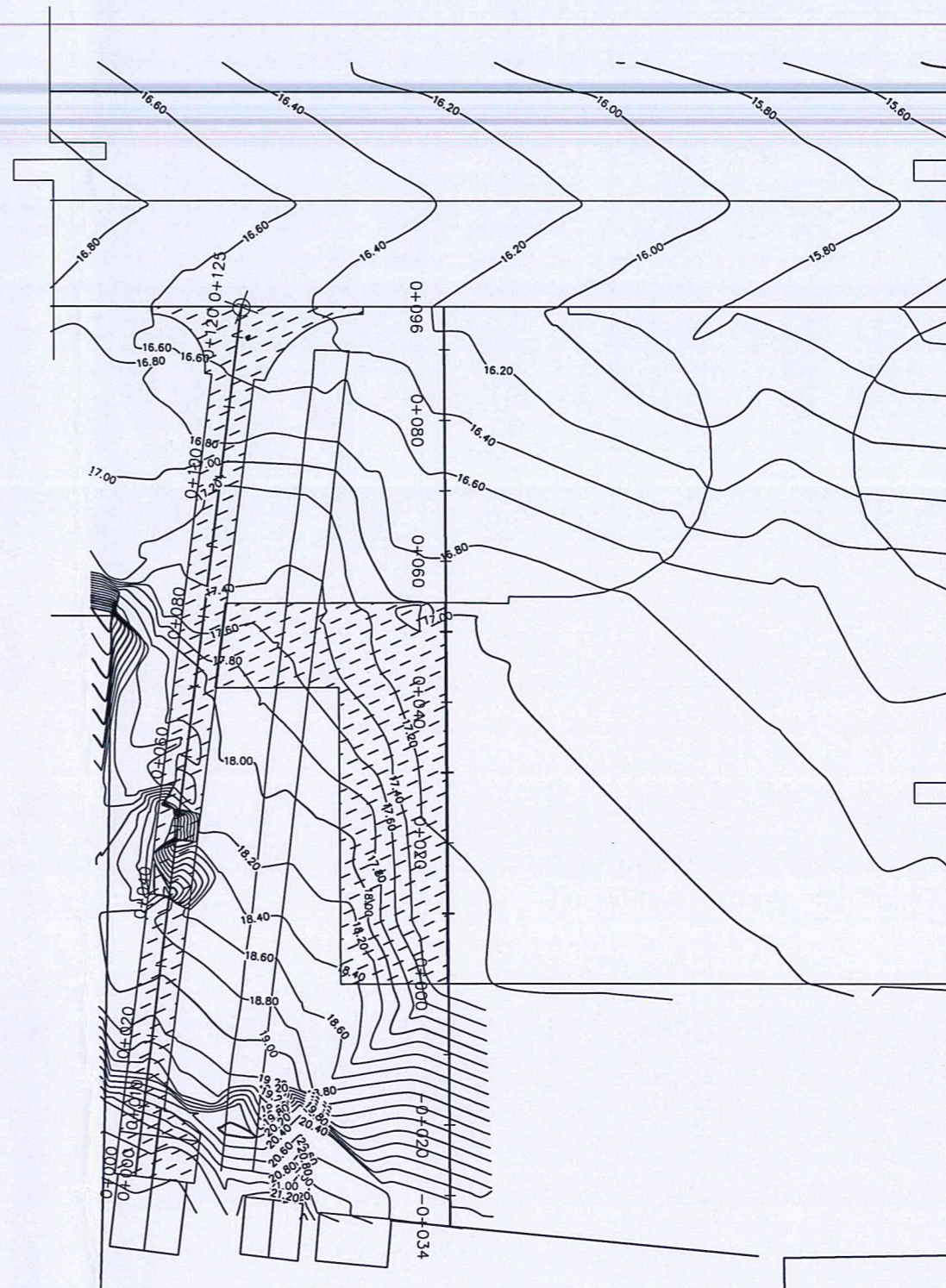
SHEET CONTENTS:

SITE DEVELOPMENT PLAN  
TOPOGRAPHIC LAYOUT PLAN

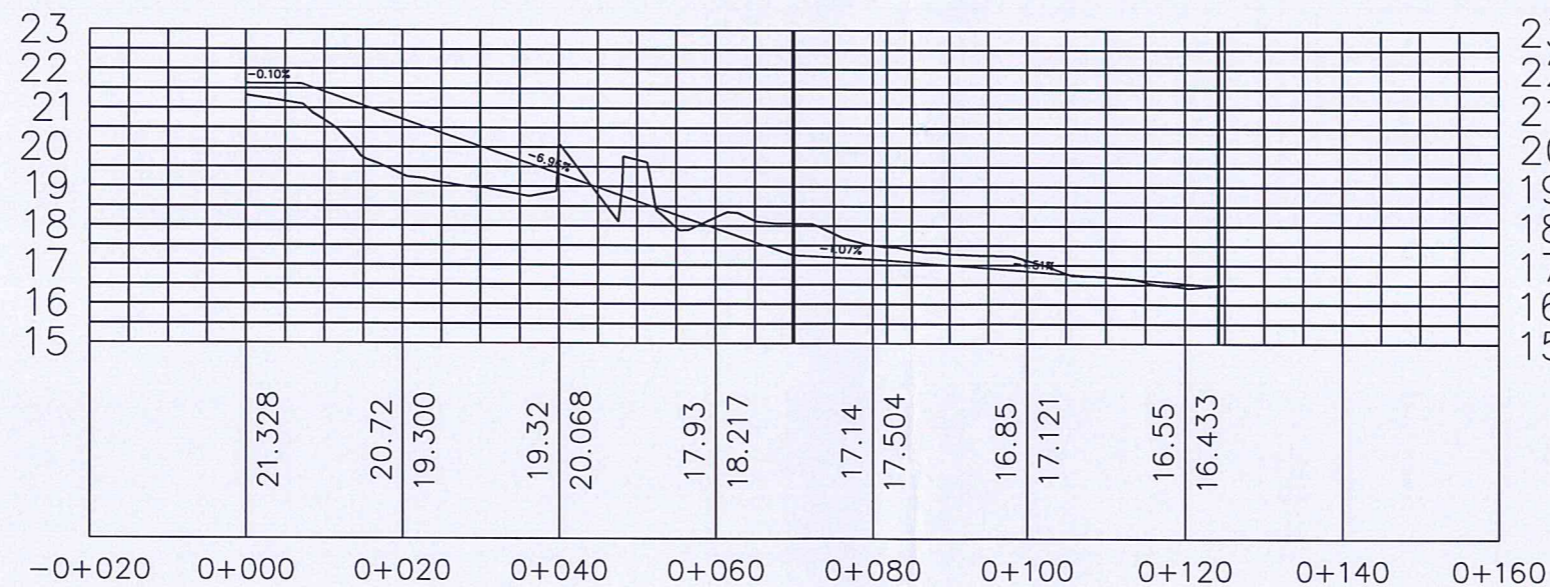
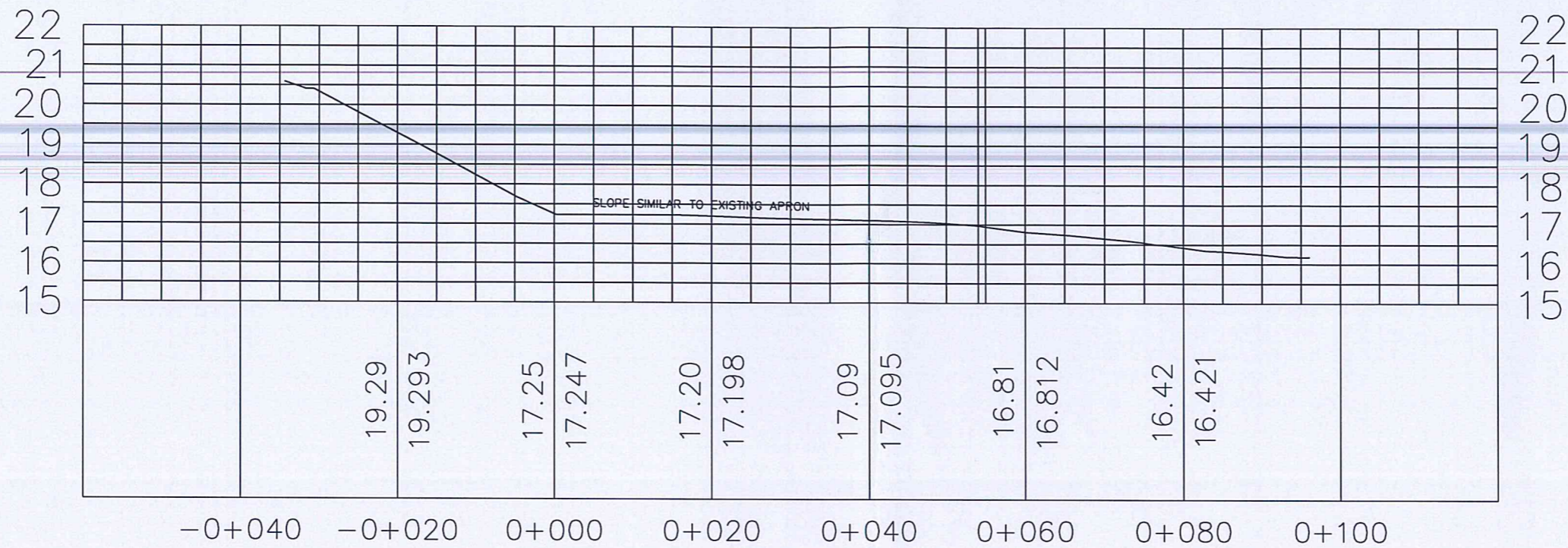
DRAWING SCALE:	SHEET NO:
AS SHOWN	2 9
	CW - 02



1 SITE DEVELOPMENT PLAN  
SCALE: 1:5M



2 TOPOGRAPHIC LAYOUT PLAN  
SCALE: 1:5M



## CFR ACCSS RD PROFILE

1 CENTER LINE LAYOUT PLAN  
S-05-09 SCALE: NTS.



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1000 N. RIVER ST., PASAY CITY

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CAAP.

AERODROME DEVELOPMENT AND  
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT  
AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	1000
DRAWN BY:	G.O.F.
CHECKED BY:	E.J.D.JR.
	F.M.N.

REVIEWED BY:  
  
RAUL R. ERUCENA  
Division Chief III, 1000 - ADMS

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

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

APPROVED:  
  
LT GEN. RAUL DEL ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:

PROJECT:  
  
CONSTRUCTION OF CFR  
ACCESS ROAD AND  
EXPANSION OF APRON

LOCATION:  
  
CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

SHEET CONTENTS:  
  
CENTERLINE LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	3 9
	CW - 03



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CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
1001 ROAD, 1001 PASEO CITY

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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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CHECKED BY:	E.J.D.JR.
	F.M.N.

REVIEWED BY:

RAUL R. CRUCENA  
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO  
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

LIGEN RAULIL DE ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:


PROJECT:

CONSTRUCTION OF CFR  
ACCESS ROAD AND  
EXPANSION OF APRON

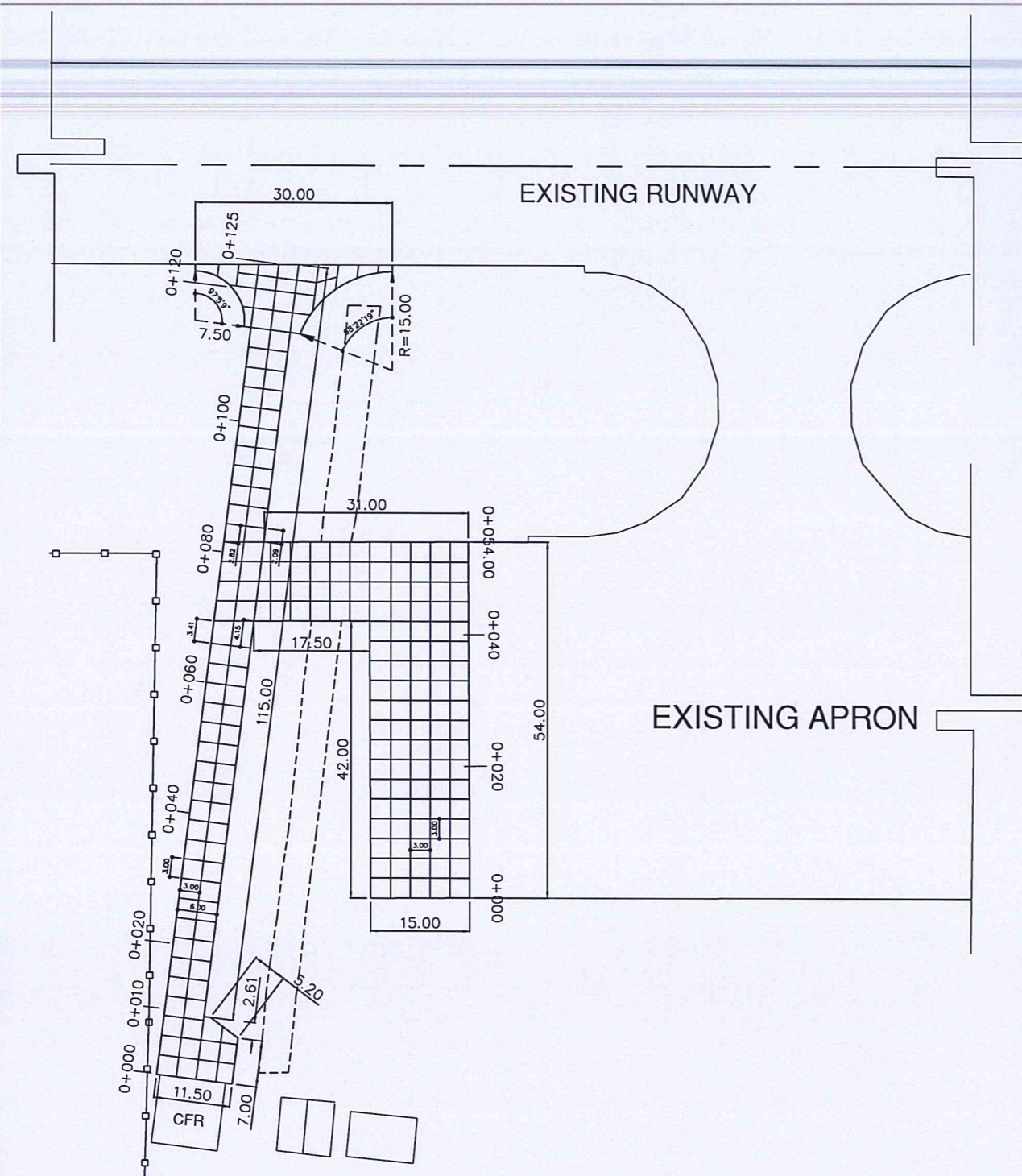
LOCATION:

CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

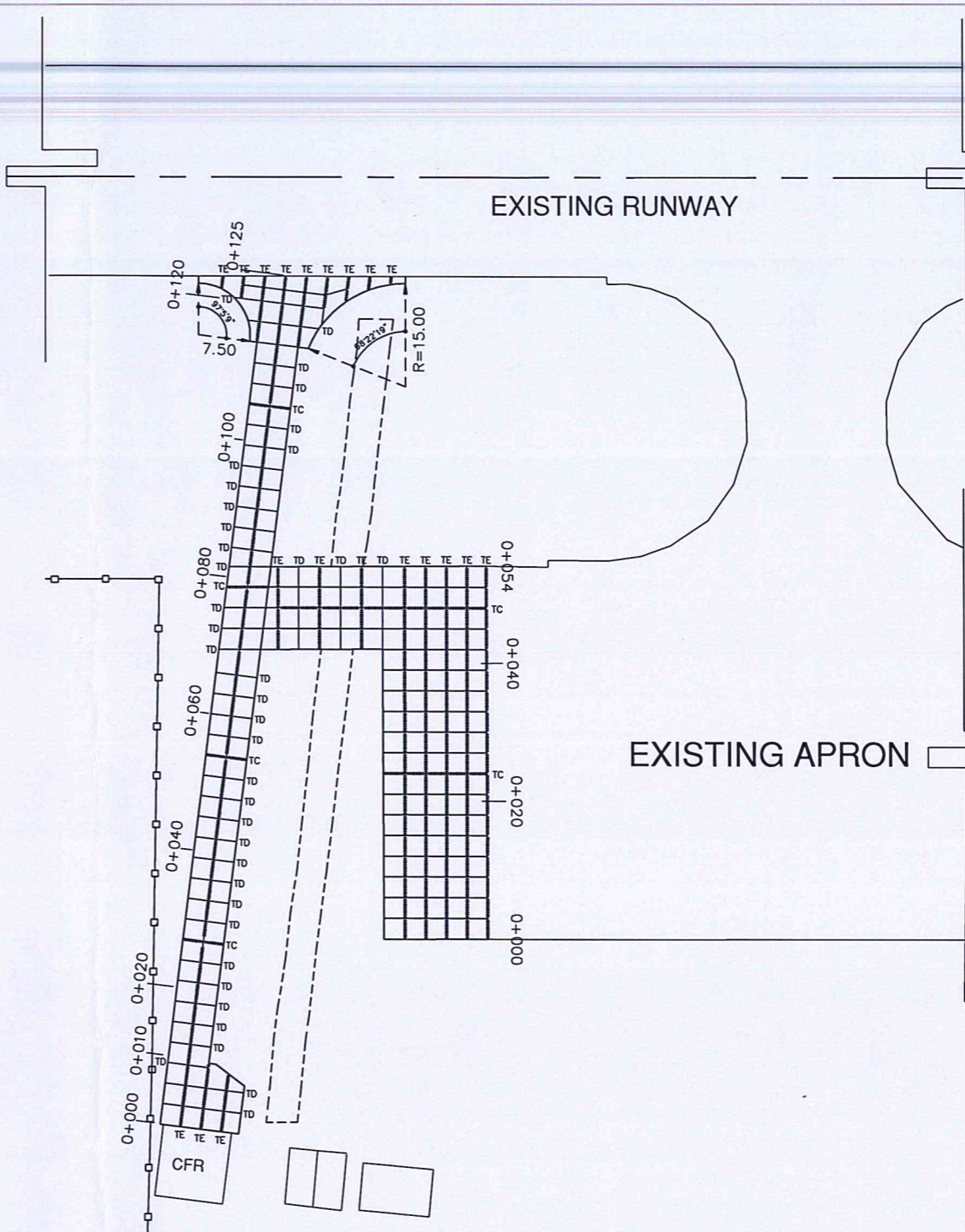
SHEET CONTENTS:

ACCESS ROAD BLOCKING PLAN  
LAYOUT OF PAVING JOINTS

DRAWING SCALE:	SHEET NO:
AS SHOWN	4 9
	CW - 04

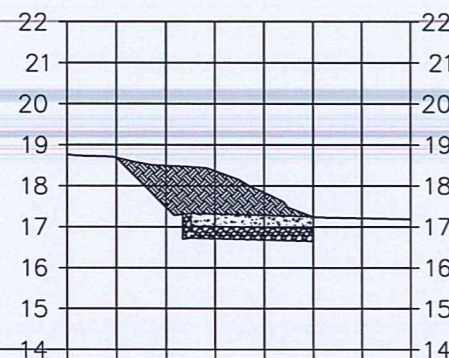


1 ACCESS ROAD BLOCKING PLAN  
SCALE: 1:5M



2 LAYOUT OF PAVING JOINTS  
SCALE: 1:5M

0+000.00

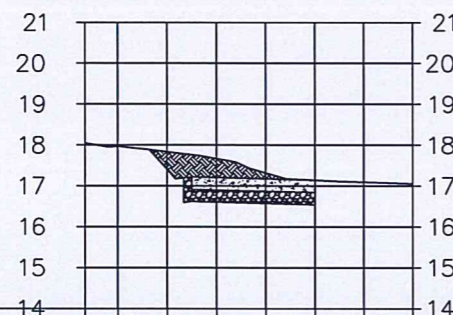


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+030.00

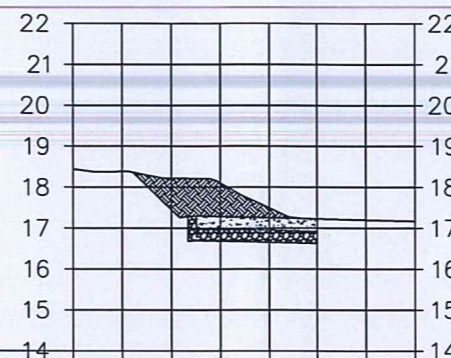


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+010.00

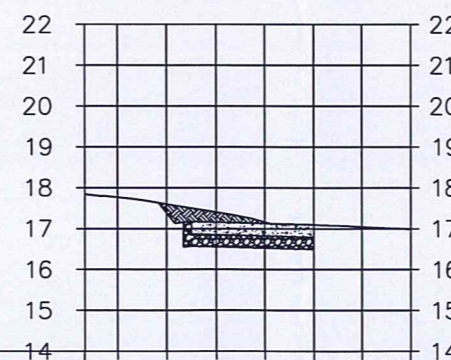


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+040.00

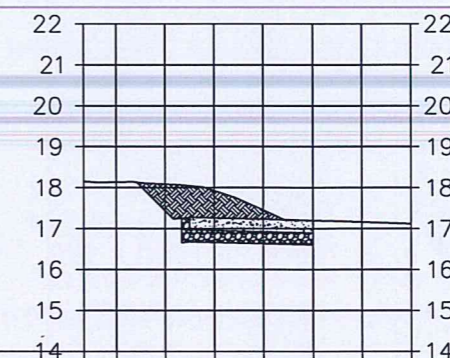


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+020.00

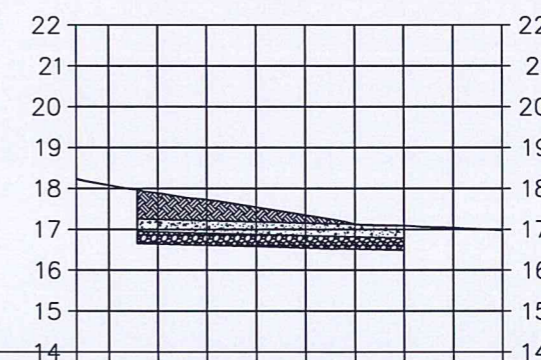


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+042.10



PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
DEPARTMENT OF TRANSPORTATION  
BAGONG PILIPINAS

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY: IDDD	
DRAWN BY: G.Q.F.	
CHECKED BY: E.J.D.JR.	
	F.M.N.

REVIEWED BY:

RAUL R. BRUCENA  
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO  
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

LTGEN RAUL I. DEL ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:

PROJECT:

CONSTRUCTION OF CFR ACCESS ROAD AND EXPANSION OF APRON

LOCATION:

CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

SHEET CONTENTS:

APRON CROSS-SECTION PLAN

STA. 0+000.00 TO STA. 0+042.10

DRAWING SCALE:	SHEET NO:
AS SHOWN	5 9
	CW - 05

STA. 0+000.00 - STA. 0+042.10



EXPANSION OF APRON CROSS-SECTION

SCALE:

1:5M





DEPARTMENT OF TRANSPORTATION  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
1001 ROAD, 1001 PLAZA CITY

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AERODROME DEVELOPMENT AND  
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT  
AND DESIGN DIVISION

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Division Chief III, IDDD - ADMS

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

RECOMMENDED APPROVAL:  
  
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NOTES/REVISIONS:

PROJECT:  
  
CONSTRUCTION OF CFR  
ACCESS ROAD AND  
EXPANSION OF APRON

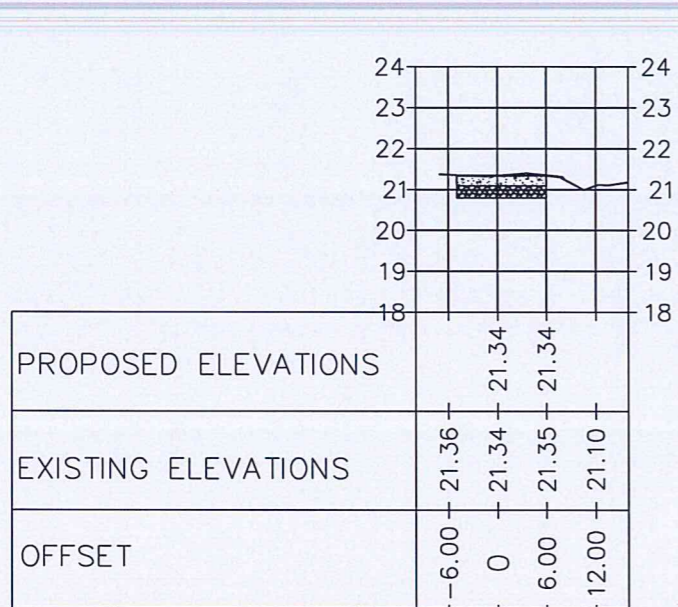
LOCATION:  
  
CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

SHEET CONTENTS:

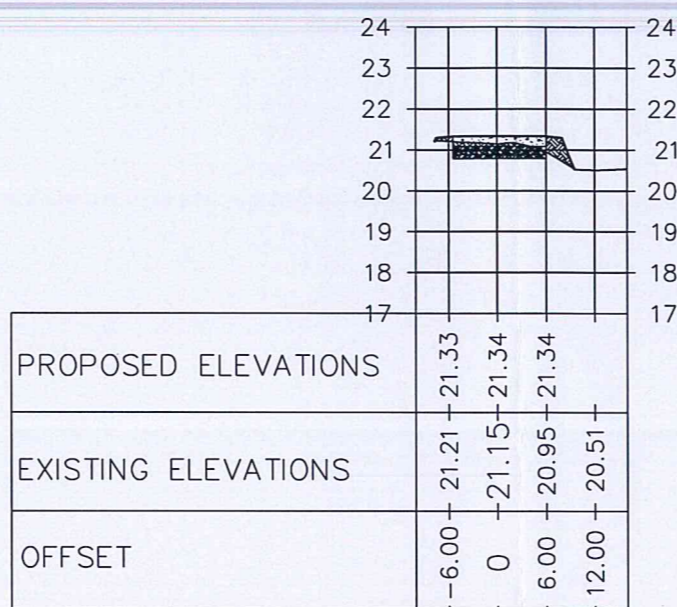
ACCESS ROAD CROSS-SECTION  
STA. 0+000.00 TO STA. 0+046.00

DRAWING SCALE:	SHEET NO:
AS SHOWN	7 9
	CW - 07

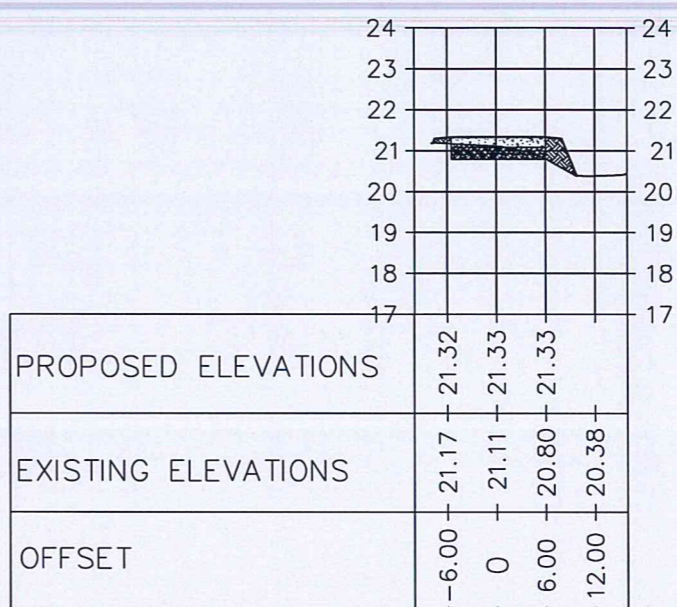
0+000.00



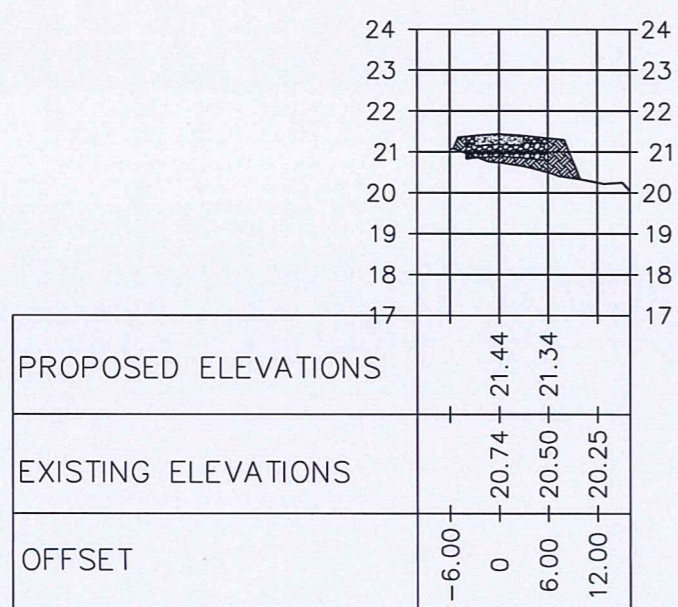
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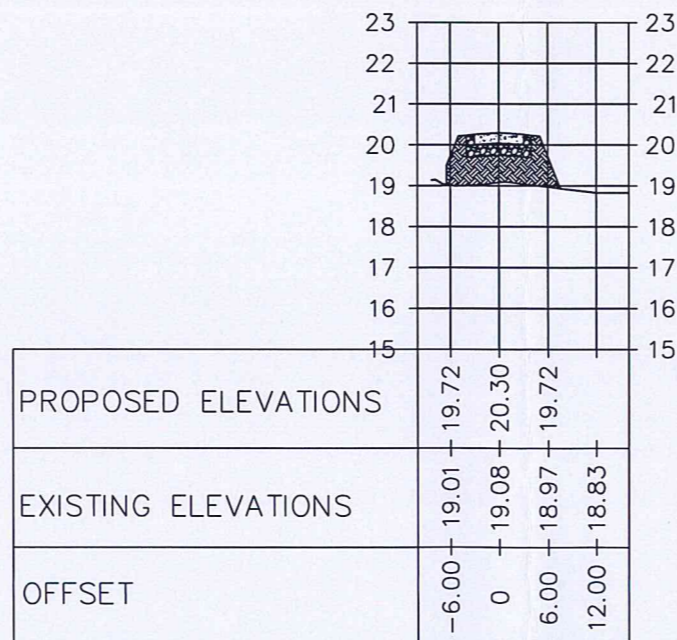
0+006.00



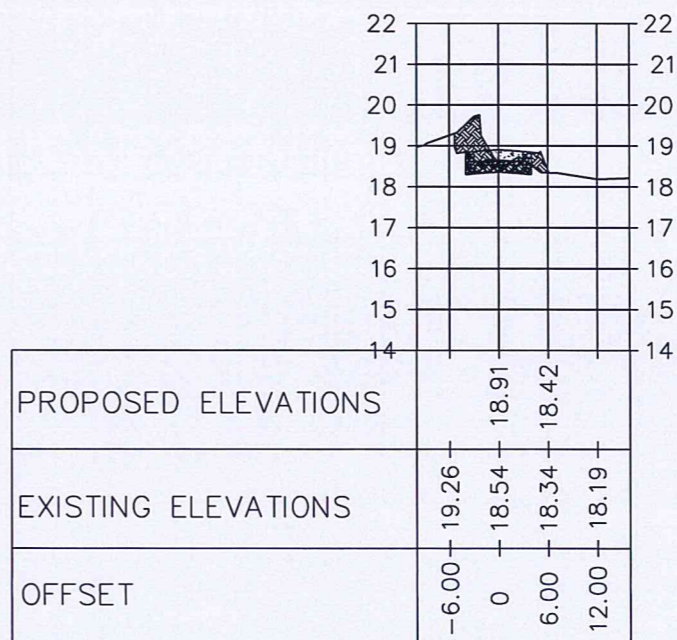
0+009.61



0+026.00



0+046.00



STA. 0+006.00 - STA. 0+046.00  
ACCESS ROAD CROSS-SECTION  
SCALE: 1:10M



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF TRANSPORTATION  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
1000, 1000 PLAZA CITY

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AERODROME DEVELOPMENT AND  
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT  
AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	1000
DRAWN BY:	G.O.F.
CHECKED BY:	E.J.D.JR.
	F.M.N.

REVIEWED BY:

RAUL P. CRUCENA  
Division Chief III, DDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO  
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

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Director General

NOTES/REVISIONS:

PROJECT:

CONSTRUCTION OF CFR  
ACCESS ROAD AND  
EXPANSION OF APRON

LOCATION:

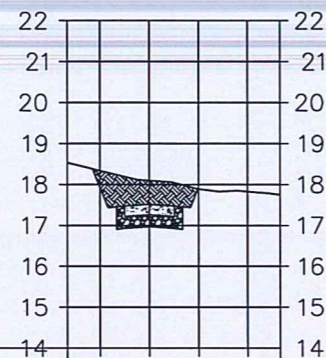
CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

SHEET CONTENTS:

ACCESS ROAD CROSS-SECTION  
STA. 0+066.00 TO STA. 0+124.25

DRAWING SCALE:	SHEET NO:
AS SHOWN	8 9
	CW - 08

0+066.00

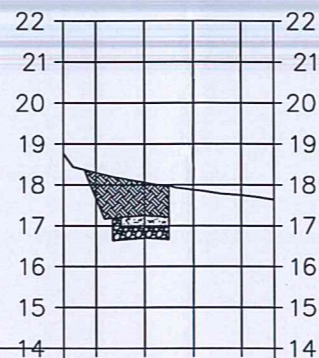


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+070.15

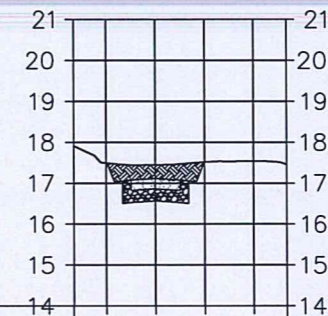


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+082.25

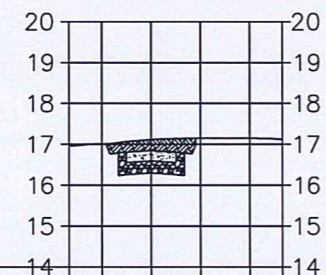


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+100.00

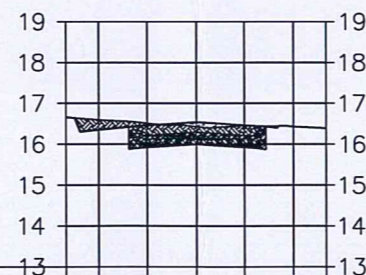


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+120.00

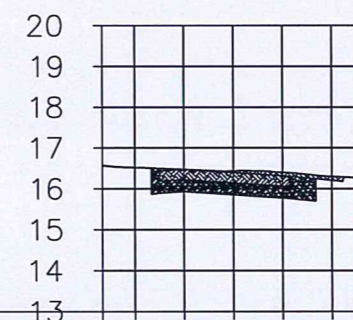


PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

0+124.25



PROPOSED ELEVATIONS

EXISTING ELEVATIONS

OFFSET

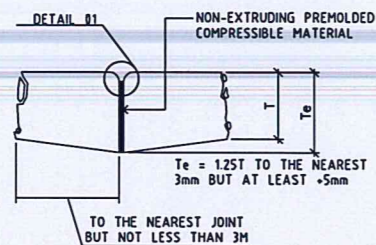
STA. 0+066.00 - STA. 0+124.25

1  
S-08-08

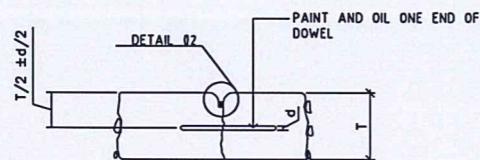
ACCESS ROAD CROSS-SECTION

SCALE:

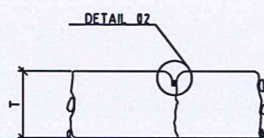
1:10M



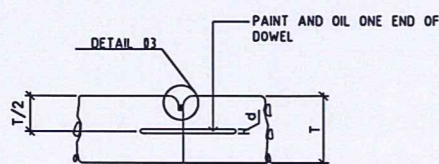
TYPE A (TA) - THICKENED EDGE  
(ISOLATION JOINT)



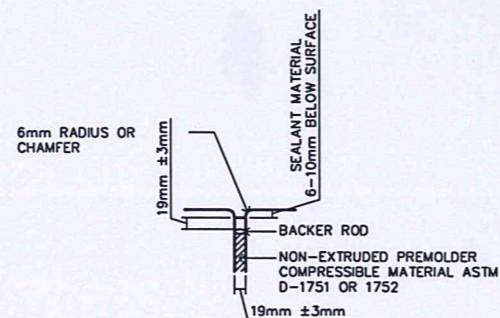
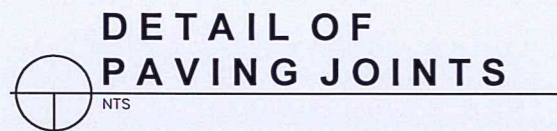
TYPE C (TC) - DOWELED CONTRACTION



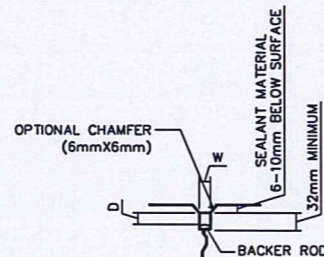
TYPE D (TD) - DUMMY CONTRACTION



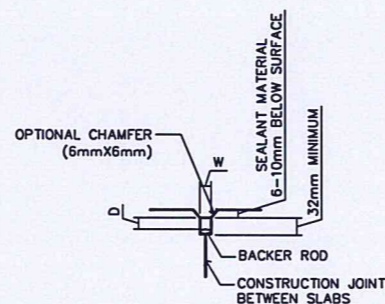
TYPE E (TE) - DOWELED CONSTRUCTION



DETAIL 01



DETAIL 02



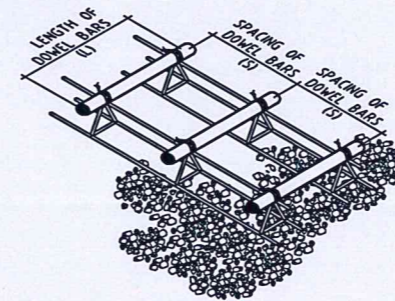
DETAIL 03



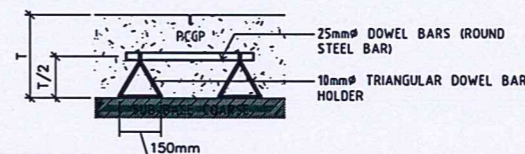
DIMENSIONS AND SPACING OF STEEL DOWELS						
PAVEMENT THICKNESS	DOWELS					
	CONTRACTION JOINTS			CONSTRUCTION JOINTS		
	DIAMETER Ø	LENGTH	SPACING	DIAMETER Ø	LENGTH	SPACING
7.5"-12" (191mm-305mm)	3/4" (20mm)	18" (460mm)	12" (305mm)	3/4" (20mm)	18" (460mm)	12" (305mm)
	1" (25mm)	18" (460mm)	12" (305mm)	1" (25mm)	18" (460mm)	12" (305mm)

NOTES:

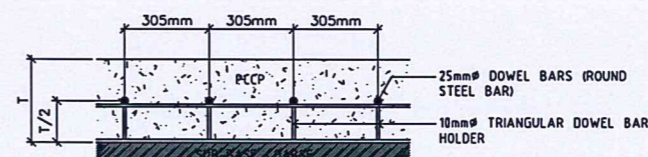
1. ALL STEEL DOWELS SHALL BE SUPPORTED AND HELD IN PLACE IN AN APPROVED ASSEMBLY.
2. ALL STEEL DOWELS SHALL BE OF GRADE 60 (60,000 psi / 414 MPa).
3. ALL FORMED JOINTS SHALL BE FINISHED WITH RADIUS OF 6mm OR 13mm.
4. ALL GROOVES OF CONTRACTION JOINTS SHALL BE SAWED WITHIN 24 HOURS.
5. WHERE PAVING OPERATIONS 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.
8. PROVIDE PIN HOLDERS EVERY 1.5M AT TRANSVERSE JOINTS



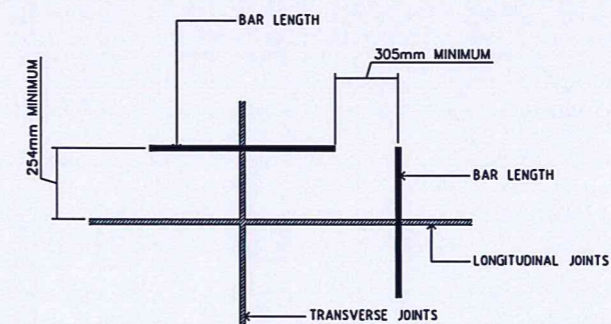
ISOMETRIC



ISOMETRIC



SECTION



POSITION OF DOWELS  
AT EDGE OF JOINT



DEPARTMENT OF TRANSPORTATION  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
1000 ROAD, 1000 P.A.S. CITY

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AERODROME DEVELOPMENT AND  
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT  
AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

DESIGNED BY: IDDD  
DRAWN BY: G.Q.F.  
CHECKED BY: E.J.D.JR.  
F.M.N.

REVIEWED BY:

RAUL R. CRUCENA  
Division Chief II, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO  
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

LTCOL VALENTINO A DIONELA PAF (RET)  
Assistant Director General II, ADMS

APPROVED:

LTGEN RAUL L DEL ROSARIO AFP (RET)  
Director General

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ACCESS ROAD AND  
EXPANSION OF APRON

LOCATION:

CAMIGUIN AIRPORT  
MAMBAJAO, CAMIGUIN

SHEET CONTENTS:

REINFORCEMENT DETAILS

DRAWING SCALE: AS SHOWN  
SHEET NO: 9  
CW - 09