

SAFETY NOTES:

1. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AS WELL AS ANY REGULATIONS, STANDARDS, CODES OR SPECIFICATION REFERENCES THEREIN.
2. COORDINATION OF WORK WITH THE CAAP MANAGEMENT AND OTHER STAKEHOLDERS IS MANDATORY SO AS TO MINIMIZE IMPACTS ON AIRPORT OPERATIONS.
3. CONTRACTOR WILL NOT BE PERMITTED TO ENTER/ACCESS THE CONSTRUCTION AREA WITHOUT PROPER CLEARANCES FROM THE CAAP MANAGEMENT/CONTROL TOWER.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING INCIDENTAL GRADING AND INFRASTRUCTURE NECESSARY FOR THE TEMPORARY HAUL ROADS; ANY DISTURBED AREA SHALL BE RETURNED TO A CONDITION THAT IS EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL DAMAGE TO EXISTING PAVEMENT USED FOR HAUL ROUTES BY CONSTRUCTION OR HAULING EQUIPMENT.
6. CONSTRUCTION ACTIVITIES WITHIN THE AIRSIDE ARE SUBJECT TO CHANGE AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER COORDINATION, PLANNING AND SCHEDULING WITH CAAP-PMO REGULARLY.
7. EXCAVATED MATERIALS AND DEBRIS SHALL NOT BE STOCKPILED HIGHER THAN 1 METER FROM THE EXISTING GROUND/GRADE. UNLESS APPROVED OTHERWISE BY THE CAAP MANAGEMENT/PMO.
8. THE CONTRACTOR'S WASTE MATERIAL SHALL BE DISPOSED OF OFF AIRSIDE LIMITS IN THE DESIGNATED DISPOSAL AREA.
9. CONSTRUCTION TRAFFIC SHALL YIELD TO AIRCRAFT TRAFFIC AT ALL TIMES.
10. ALL FOREIGN OBJECT DEBRIS (FOD) MUST BE KEPT OFF ACTIVE OPERATION AREAS.

1. THIS CONTRACTOR SHALL BE AWARE OF AND PREVENT THE FOLLOWING TYPE OF SAFETY PROBLEMS AND/OR HAZARDS:
 - A. PILES OF SCRAPE ASPHALT, CONSTRUCTION MATERIALS, TEMPORARY STRUCTURES, OR OTHER OBJECTS IN THE VICINITY OF THE OPEN RUNWAY OR TAXIWAY.
 - B. VEHICLE OR EQUIPMENT, WHETHER OPERATING OR IDLE, ON ANY OPEN RUNWAY OR TAXIWAY WHICH COULD INTERFERE WITH THE MOVEMENT OF THE AIRCRAFT.
 - C. TRASH OR OTHER MATERIALS WITH FOREIGN OBJECT (FOD) POTENTIAL, WHETHER ON RUNWAY, TAXIWAYS, OR APRON; OR IN RELATED SAFETY AREAS.
 - D. FAILURE TO CONTROL UNAUTHORIZED VEHICLE AND HUMAN ACCESS FROM ACTIVE AIRCRAFT OPERATING AREAS.
 - E. CONSTRUCTION ACTIVITIES OR MATERIALS WHICH COULD HAMPER THE RESPONSE OF AIRCRAFT RESCUE AND FIRE FIGHTING OR OTHER EMERGENCY EQUIPMENT FROM REACHING AIRCRAFT.
 - F. BIRD ATTRACTANTS ON AIRFIELD SUCH AS EDIBLE (FOOD SCRAPS, ETC.); MISCELLANEOUS TRASH. OR PONDED WATER.
2. DEBRIS, WASTE, AND LOOSE MATERIALS CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR OR PROPELLERS, OR BEING INGESTED IN JET ENGINES SHALL NOT BE ALLOWED IN ACTIVE AIRCRAFT MOVEMENT AREAS OR ADJACENT GRASSED AREAS. MATERIALS OBSERVED IN THESE AREAS SHALL BE REMOVED IMMEDIATELY AND/OR CONTINUOUSLY BY THE CONTRACTOR.
3. CONSTRUCTION VEHICLE AND EQUIPMENT MUST HAVE ROTATING BEACON ALL DAY DURING CONSTRUCTION WITHIN THE ACTIVE AIRFIELD. A TWO-WAY RADIO COMMUNICATION WITH THE CONTROL TOWER PERSONNEL FROM THE CAAP ARE REQUIRED ALL THE TIME DURING CONSTRUCTION.

REFERENCE/S:

1. AGGREGATE FOR ASPHALTIC CONCRETE PAVING:
PROVIDE A MIXTURE OF SAND, MINERAL AGGREGATE, AND LIQUID ASPHALT MIXED IN SUCH
PROPORTIONS THAT THE PERCENTAGE OF WEIGHT WILL BE WITHIN:

SIEVE SIZES	PERCENTAGE PASSING
19mm (¾")	100
9.5mm (⅜")	67-85
6.4mm (¼")	50-65
2.4mm (No. 8 Mesh)	37-50
600µm (No. 30 Mesh)	15-25
75µm (No. 200 Mesh)	3-8

2. ASPHALTS;
COMPLY WITH PROVISIONS OF ASPHALTS INSTITUTE SPECIFICATIONS:

ASPHALT BINDER : PMB (PG 76-10)
WITH 5% - 8% BINDER

TACK COAT : CATIONIC - CRS-1

SEALER : OXIDIZE BITUMEN 115-15

3. THE ASPHALT PLANT SHALL BE LOCATED WITHIN THE MAXIMUM RADIUS OF 50 KM TO ENSURE THE PROPER TEMPERATURE IS MAINTAINED BEFORE LAYING.
4. PROVIDE HOT PLANT-MIXED ASPHALTIC CONCRETE PAVING MATERIALS.
TEMPERATURE LEAVING THE PLANT : 180°C (356°F) MINIMUM
TEMPERATURE AT PLACEMENT : 150°C (302°F) MINIMUM
170°C (338°F) MAXIMUM
5. DO NOT ACCEPT MATERIALS UNLESS COVERED WITH TARPAULIN UNTIL UNLOADED AND HAS A TEMPERATURE OF NOT LESS THAN 150°C.
6. NO ASPHALT MIXTURE SHALL BE PLACED UNTIL AN ACCEPTABLE MIX DESIGN HAS BEEN SUBMITTED TO THE CAAP-PMO FOR REVIEW AND APPROVED IN WRITING. WHEN THE PROJECT REQUIRES ASPHALT MIXTURES OF DIFFERING AGGREGATE GRADATIONS AND/OR BINDERS, A SEPARATE JMF SHALL BE SUBMITTED FOR EACH MIX. IF THERE IS A CHANGE IN MATERIAL SOURCES, A NEW JMF MUST BE SUBMITTED TO THE CAAP-PMO FOR REVIEW AND APPROVED IN WRITING BEFORE THE NEW MATERIAL IS USED.
7. DO NOT COMMENCE PLACEMENT OF ASPHALTIC CONCRETE MATERIALS WHEN THE ATMOSPHERIC TEMPERATURE IS BELOW 10°C NOT DURING FOG, RAIN OR OTHER UNSUITABLE CONDITIONS.
8. **SEALING WORKS ON DEFECTS LIKE CRACKS SHALL BE PERFORMED BY THE CONTRACTOR. TRANSVERSE AND LONGITUDINAL JOINTS OF EXISTING PAVEMENT SHALL ALSO BE SEALED BEFORE PAVING.**
9. PRIOR TO APPLICATION OF BITUMINOUS TACK COAT, ALL LOOSE STONES, DEBRIS AND OTHER SCATTERED MATERIALS ON THE SURFACE OF EXISTING PAVEMENT SHALL BE CLEANED/REMOVED WITH THE USE OF POWER BLOWER AND/OR POWER BROOM.
10. THE DISTRIBUTOR TRUCK SHALL BE EQUIPPED WITH A MINIMUM 12-FOOT (3.7M) SPREADER SPRAY BAR WITH INDIVIDUAL NOZZLE CONTROL WITH COMPUTER-CONTROLLED APPLICATION RATES.
11. **THE ASPHALT PAVER SHALL BE EQUIPPED WITH A CONTROL SYSTEM CAPABLE OF AUTOMATICALLY MAINTAINING THE SPECIFIED SCREED GRADE AND ELEVATION.**
12. THE MIXTURE SHALL BE SPREAD AND STRUCK OFF TO MATCH THE GRADE AND ELEVATIONS SHOWN ON THE DRAWINGS.
13. AFTER THE MATERIALS HAS BEEN SPREAD TO THE PROPER DEPTH, ROLL IT UNTIL THE SURFACE IS HARD, SMOOTH, UNYIELDING AND ACHIEVES A MINIMUM OF AT LEAST 97% OF THE THEORETICAL DENSITY, ADHERING TO THE THICKNESS AND ELEVATIONS DEPICTED IN THE DRAWINGS.
14. THE NEWLY PAVED SECTION SHALL BE CLOSED TO TRAFFIC UNTIL SUCH TIME THAT THE TEMPERATURE COOLS DOWN TO ATMOSPHERIC TEMPERATURE OF 60-70°C.

1. DPWH DO 11 S 2019
2. FAA AC 150-5370 10H
3. PAVEMENT DESIGN FOR AIRFIELD, UFC 3-260-02



REPUBLIC OF THE PHILIPPINES
CIVIL AVIATION AUTHORITY OF THE PHILIPPINE

THIS DRAWINGS IS EXCLUSIVE PROPERTIES
OF CIVIL AVIATION AUTHORITY OF THE
PHILIPPINES AND MUST NOT BE REPRODUCED,
EXHIBITED, LOANED NOR COPIED IN PART OR
IN WHOLE WITHOUT PROPER PERMISSION
AND/OR WRITTEN CONSENT FROM THE DIRECTOR
GENERAL CAAP

AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND
DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
---------------	----------------

DESIGNED BY:	DDDD	
--------------	------	--

<u>DRAWN BY:</u>	G.Q.F.
------------------	--------

CHECKED BY:	E.J.D.JR.
-------------	-----------

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD - AD

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 PAUL DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

• AS SHOWN

DRAWING SCALE:

--	--

AS SHOWN

SW-01	



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 ROAD, 1000 PUSAY CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

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.	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AEO-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

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

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

- AERIAL VIEW
- LOCATION MAP
- AIRPORT LAYOUT

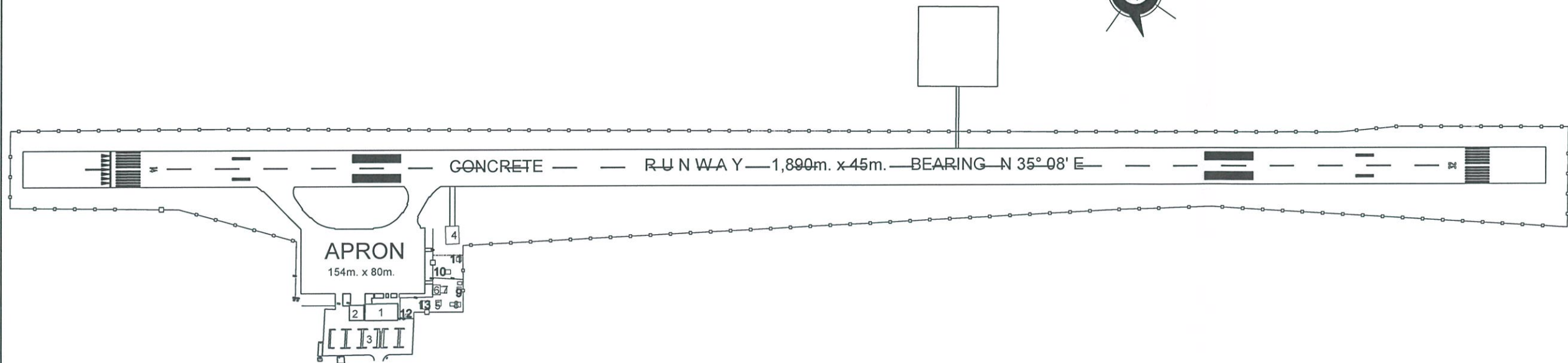
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 01
	01 25



1 AERIAL VIEW
SCALE: NTS



2 LOCATION MAP
SCALE: NTS



1 AIRPORT LAYOUT
SCALE: NTS



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
REPUBLIC OF THE PHILIPPINES
BAGONG PILIPINAS

THIS DRAWING IS EXCLUSIVE PROPERTY
OF CIVIL AVIATION AUTHORITY OF THE
PHILIPPINES AND MUST NOT BE REPRODUCED,
EXHIBITED, LOANED NOR COPIED IN PART OR
IN WHOLE WITHOUT PROPER PERMISSION
AND/OR WRITTEN CONSENT FROM THE DIRECTOR
GENERAL CAAP.

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.

REVIEWED BY:

RAUL R. GRUCENA
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 L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:
ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:
• TOPOGRAPHIC PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 02
	02 25

KEY PLAN

KEY PLAN



AIRPORT TOPOGRAPHIC PLAN

SCALE: 1:2000M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 N. RIVER ROAD, PASAY CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

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.	

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:

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

NOTES/REVISIONS:

PROJECT:
ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:
• TOPOGRAPHIC PLAN
• CENTER LINE PROFILE

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 03
	03 25

KEY PLAN

ALIGNMENT=RWY CL
STATION=1+728.71
OFFSET=0.00m
NORTHING=1281359.69
EASTING=473566.68

1 AIRPORT TOPOGRAPHIC PLAN

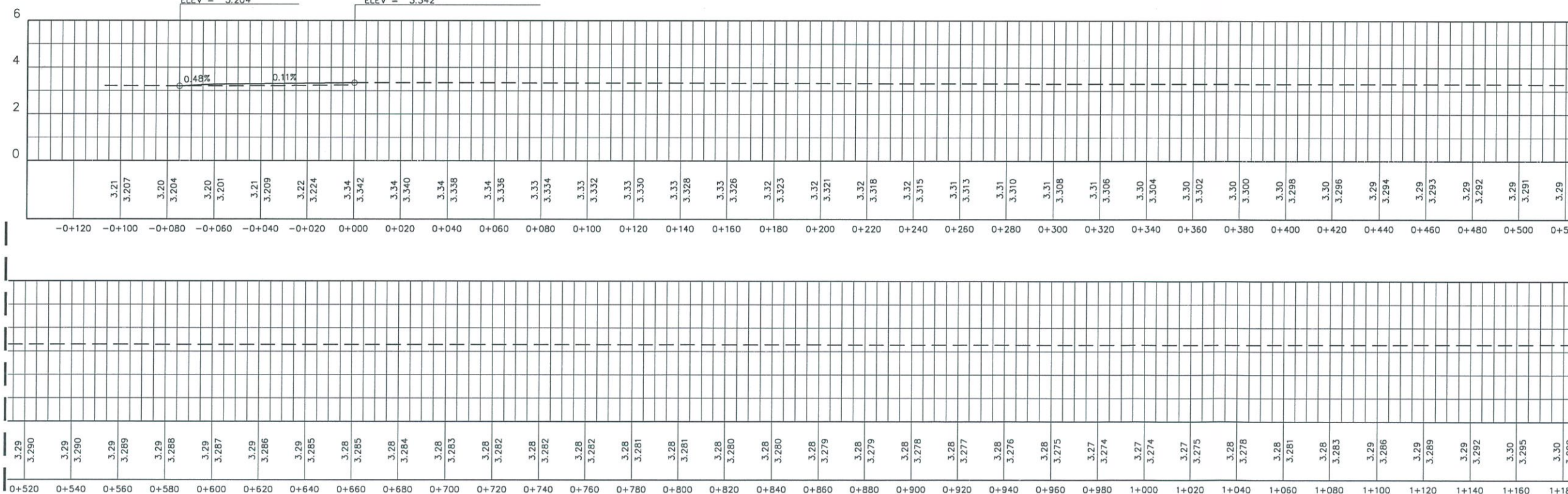
CW-01 CW-03

SCALE:

1:2000M

GRADE BREAK STA = -0+075.00
ELEV = 3.204

GRADE BREAK STA = 0+000.00
ELEV = 3.342



2 RUNWAY CENTER LINE PROFILE

CW-02 CW-03

SCALE:

1:2000M

STA. 0+00.00 TO STA. 1+180.00



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000, 1000, 1000

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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

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:

LT GEN RAUL DEL ROSARIO AFP (RET)
Director General

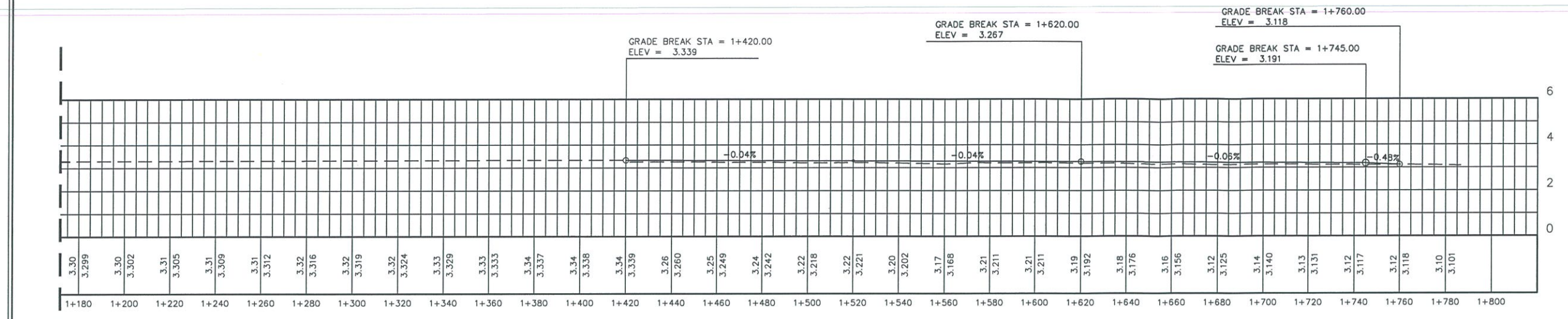
NOTES/REVISIONS:

PROJECT:
ASPHALT OVERLAY OF RUNWAY (PHASE II)

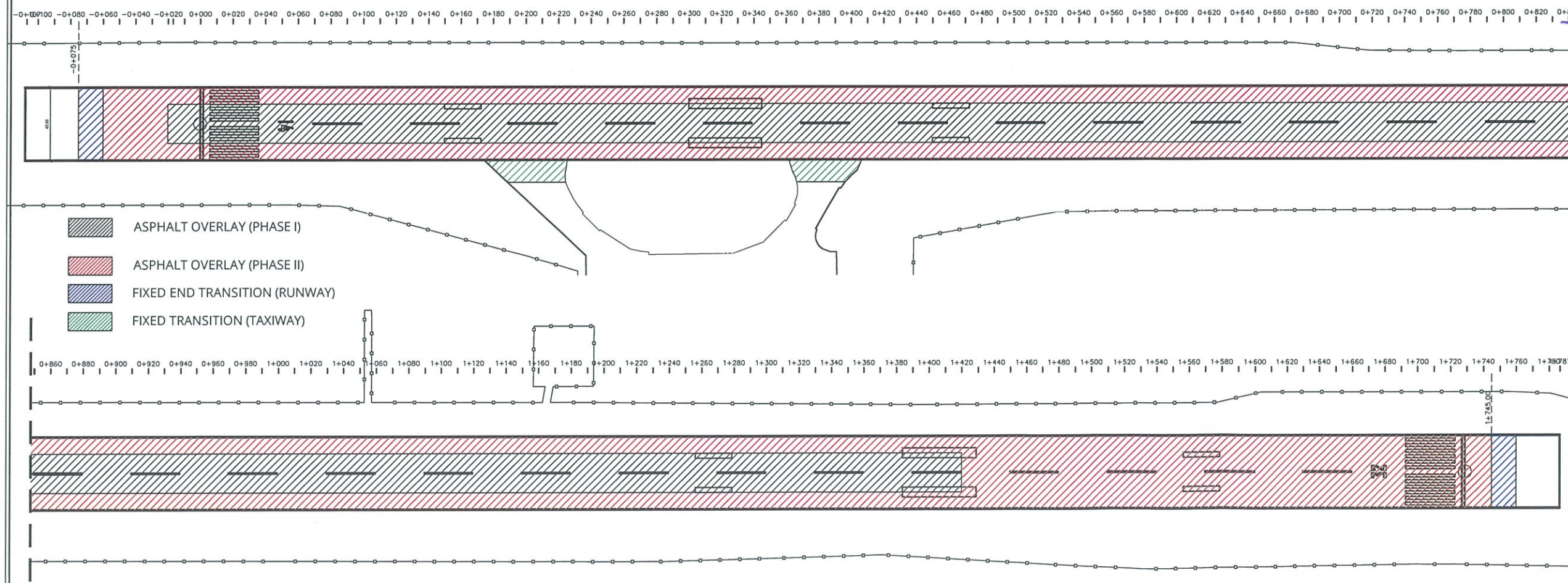
LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:
• CENTER LINE PROFILE
• SITE DEVELOPMENT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 04
	04 25



1 STA. 1+180.00 TO STA. 1+760.00
RUNWAY CENTER LINE PROFILE
SCALE: 1:2000M



2 SITE DEVELOPMENT PLAN
SCALE: 1:2800M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 ROAD, 1000 PLAZA CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND
DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	1000
DRAWN BY:	G.Q.F.
CHECKED BY:	E.J.D.JR.
REVIEWED BY:	

REVIEWED BY:

RAUL R. GRUCENA
Division Chief III, IDO - 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 L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

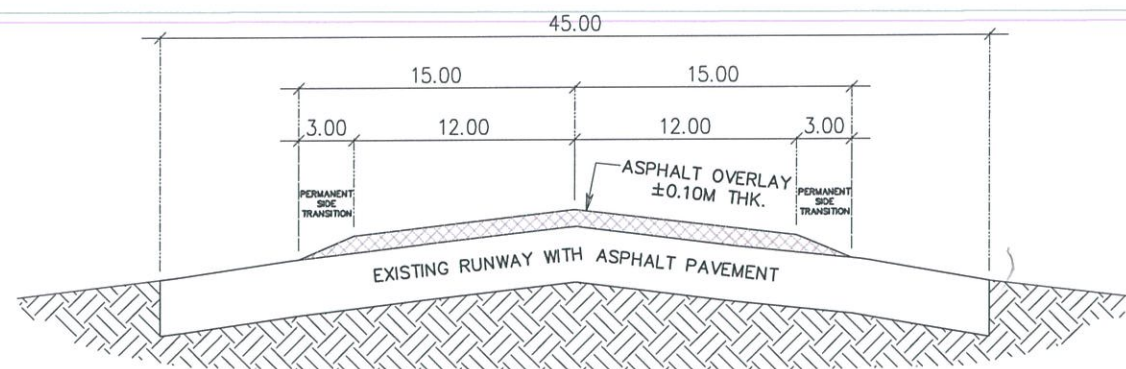
LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

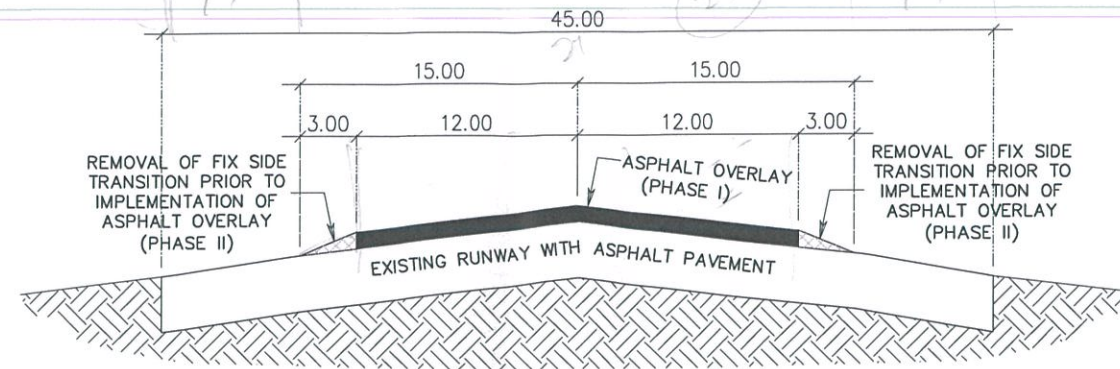
SHEET CONTENTS:

• ASPHALT OVERLAY TYPICAL SECTION
(PHASE I)
• REMOVAL OF FIXED TRANSITIONS
PRIOR TO IMPLEMENTATION OF
ASPHALT OVERLAY (PHASE II)

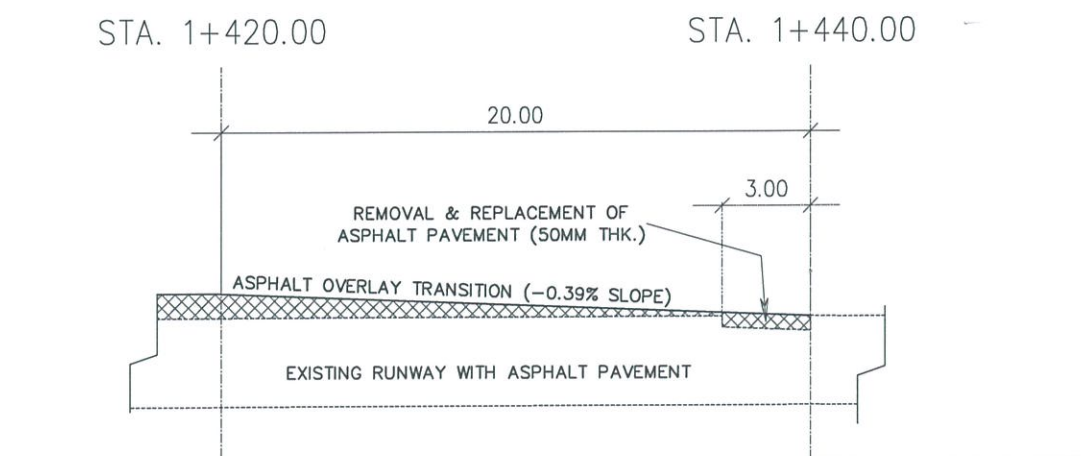
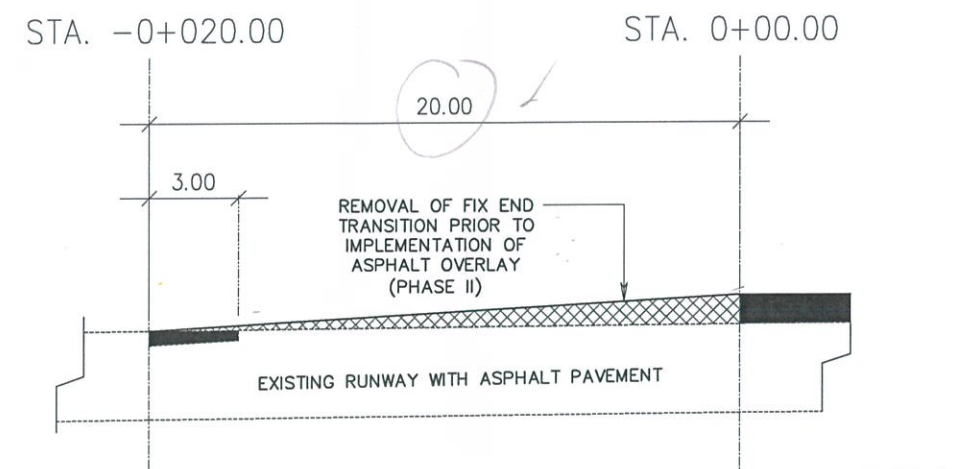
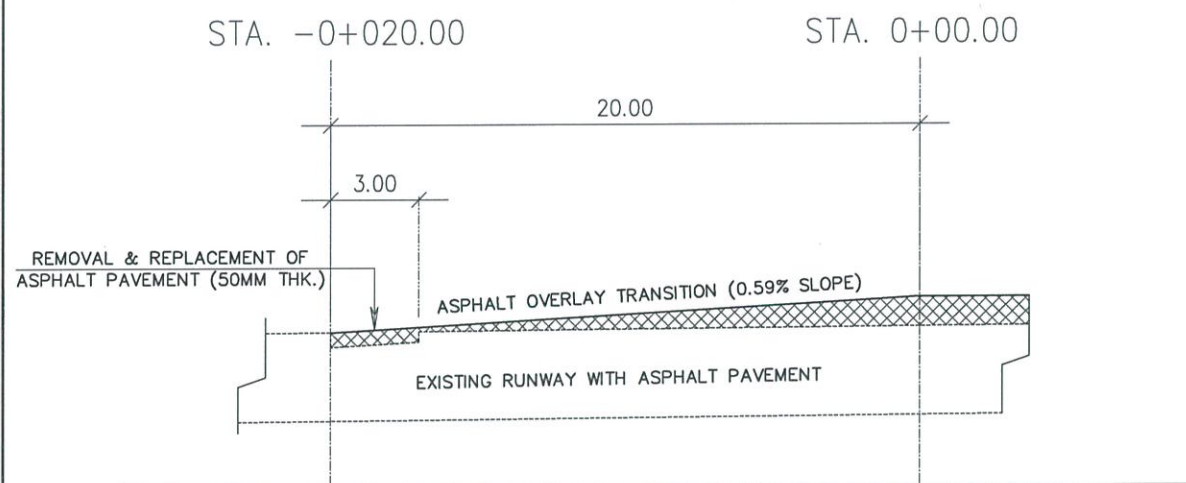
DRAWING SCALE:	SHEET NO.
AS SHOWN	CW - 05
	05 25



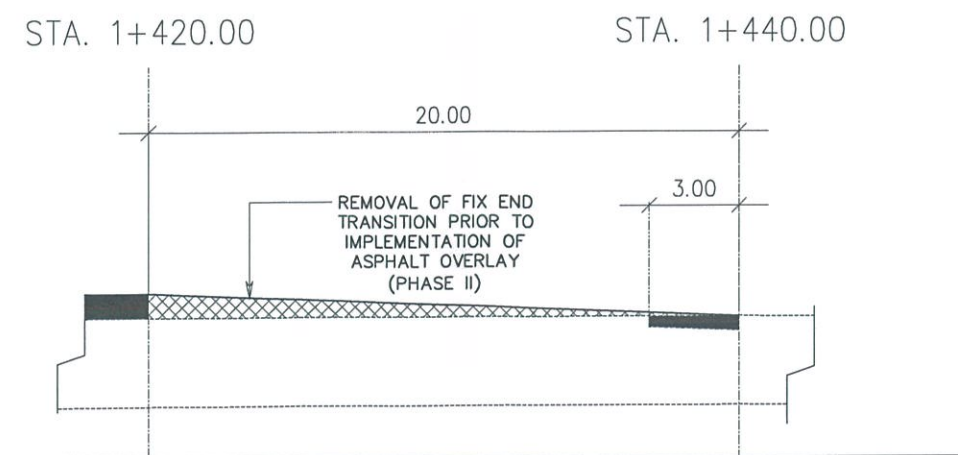
1 STA. 0+00.00 - STA. 1+420
TYPICAL RUNWAY SECTION (PHASE I)
SCALE: 1:40M



3 STA. 0+00.00 - STA. 1+420 (REMOVAL OF EXISTING ASPHALT TRANSITION)
TYPICAL RUNWAY SECTION (PHASE I)
SCALE: 1:40M



2 ASPHALT OVERLAY (PHASE I)
PERMANENT LONGIDUTINAL TRANSITIONS
SCALE: 1:40M



4 ASPHALT OVERLAY (PHASE I)
PERMANENT LONGIDUTINAL TRANSITIONS
SCALE: 1:40M


THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE


INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY: IDDO	
DRAWN BY: G.Q.F.	
CHECKED BY: E.J.D.J.R.	

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:


 LT GEN RAUL DEL ROSARIO AFP (RET)
 Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY (PHASE II)

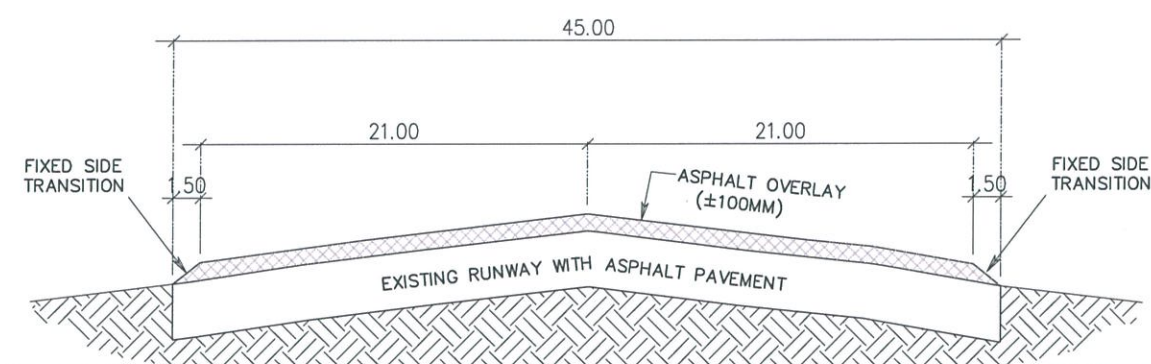
LOCATION:

ROXAS AIRPORT
 ROXAS CITY, CAPIZ

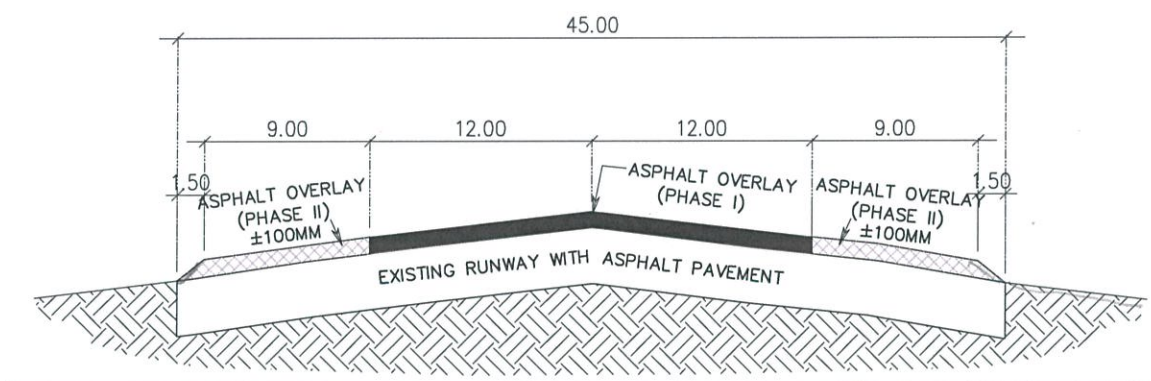
SHEET CONTENTS:

- ASPHALT OVERLAY TYPICAL SECTION (PHASE I)
- REMOVAL OF FIXED TRANSITIONS PRIOR TO IMPLEMENTATION OF ASPHALT OVERLAY (PHASE II)

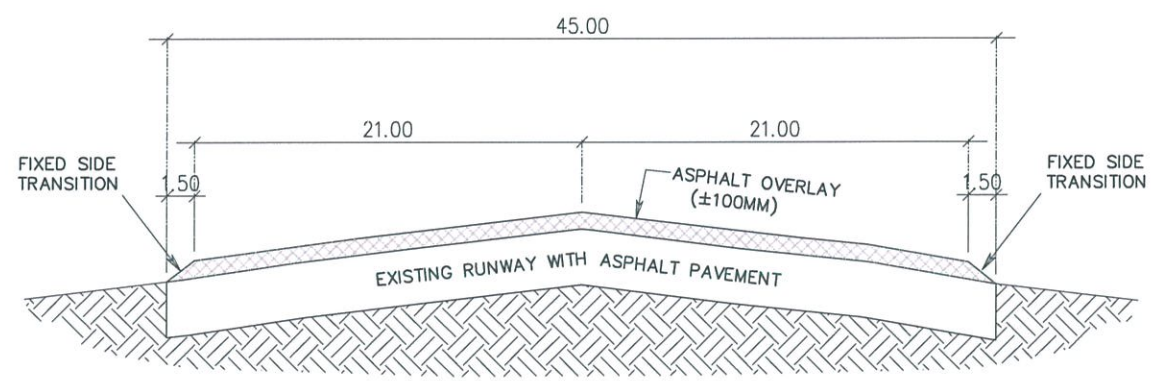
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 06
	06 25



1 STA. -0+075.00 - STA. 0+00.00
 TYPICAL RUNWAY SECTION (PHASE II)
 SCALE: 1:40M

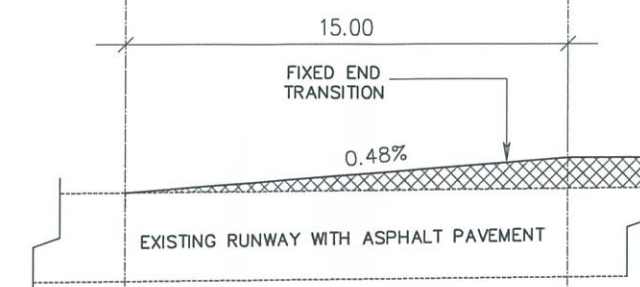


2 STA. 0+00.00 - STA. 1+420
 TYPICAL RUNWAY SECTION (PHASE II)
 SCALE: 1:40M

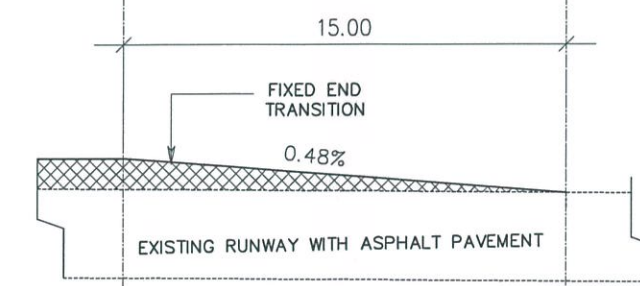


3 STA. -0+075.00 - STA. 0+00.00
 TYPICAL RUNWAY SECTION (PHASE II)
 SCALE: 1:40M

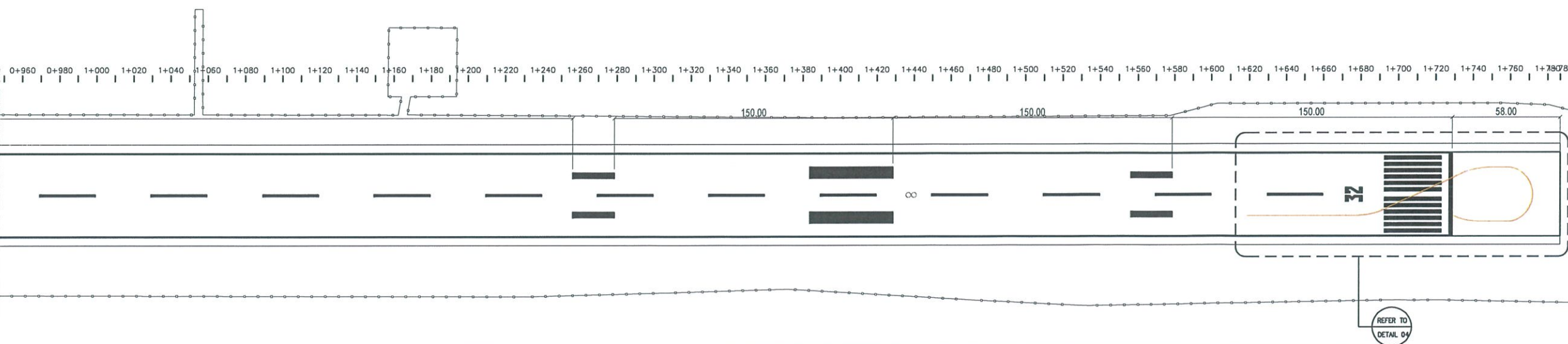
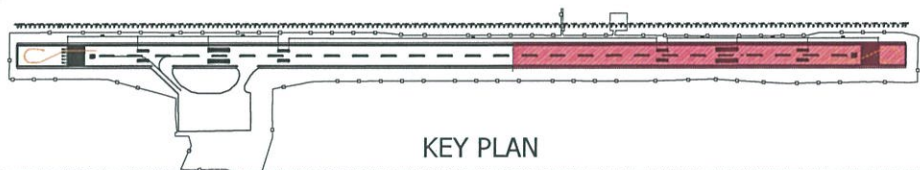
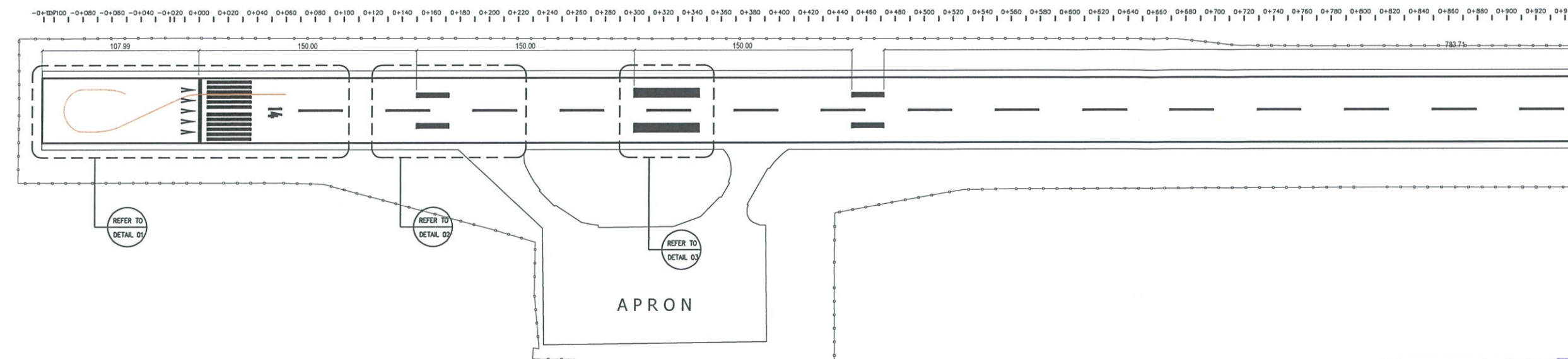
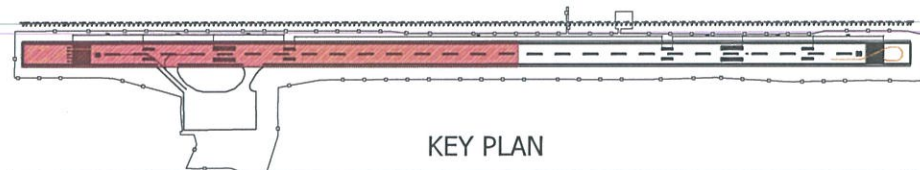
STA. -0+075.00 STA. -0+060.00



STA. 1+745.00 STA. 1+760.00



4 ASPHALT OVERLAY (PHASE II)
 PERMANENT LONGIDUTINAL TRANSITIONS
 SCALE: 1:40M



1
CW-07 CW-07

RUNWAY MARKINGS LAYOUT SCALE: 1:320M



THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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

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:

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

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY (PHASE II)

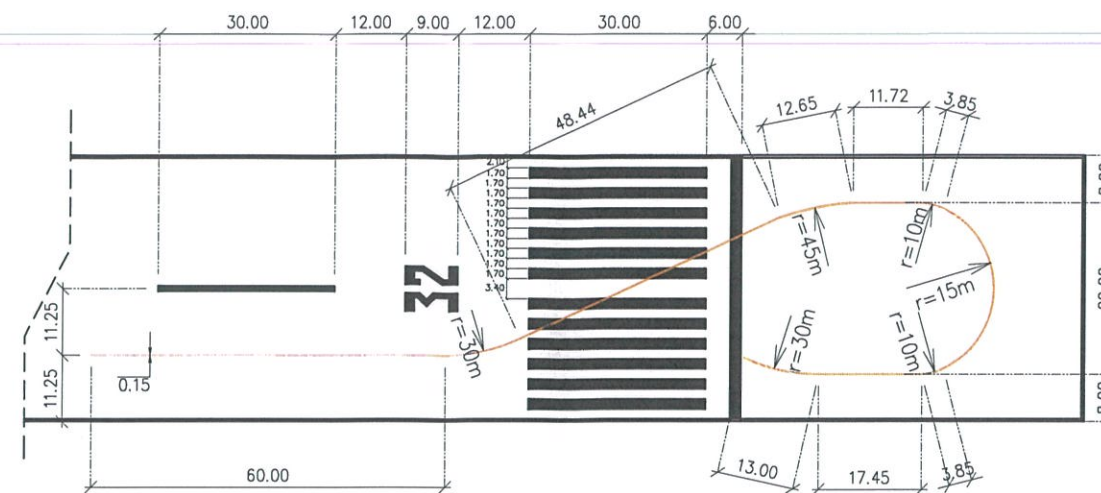
LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

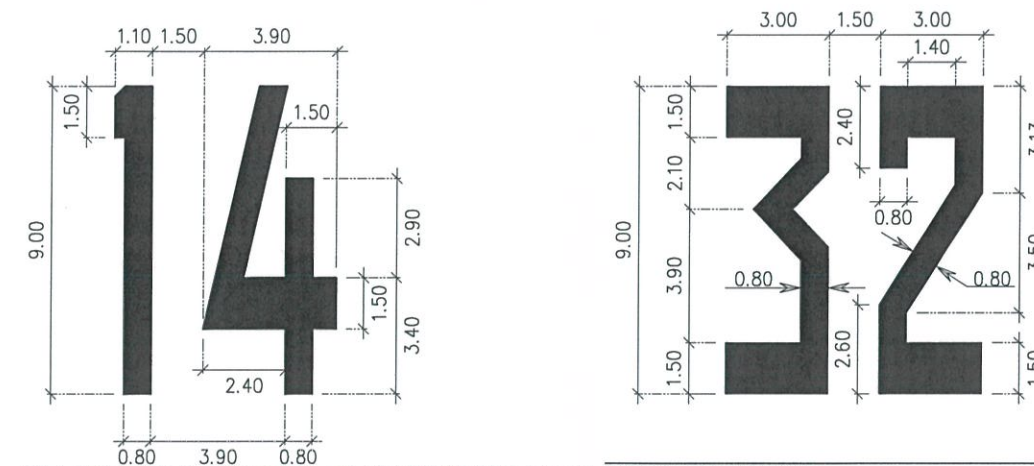
SHEET CONTENTS:

RUNWAY MARKINGS LAYOUT

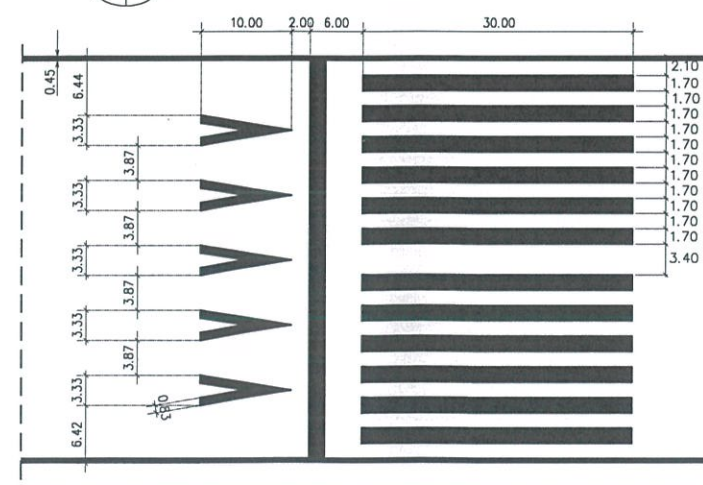
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 07
	07 25



DETAIL 04
4 RUNWAY MARKINGS
CW-04 CW-08 SCALE: 1:125M



RUNWAY DESIGNATION NUMBERS
RUNWAY MARKINGS
 SCALE: NTS.




BLOW-UP (DISPLACED THRESHOLD @ RWY14)



THIS DRAWINGS IS EXCLUSIVE PROPERTIES
OF **CIVIL AVIATION AUTHORITY OF THE
PHILIPPINES** AND MUST NOT BE REPRODUCED,
EXHIBITED, LOANED NOR COPIED IN PART OR
IN WHOLE WITHOUT PROPER PERMISSION
AND/OR WRITTEN CONSENT FROM THE DIRECTOR
GENERAL CAAP.

AERODROME DEVELOPMENT AND
MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND
DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE	
<u>DESIGNED BY:</u>	IDD	
<u>DRAWN BY:</u>	G.Q.F.	
<u>CHECKED BY:</u>	E.J.D.JR.	

REVIEWED BY:


RAUL R. CRUCENA
Division Chief HI, IDDD - ADM

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 DEL ROSARIO AFP (RET)

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:	
AS SHOWN	CW - 08	
	08	25



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
BAGONG PAKIL CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	G.G.F.
CHECKED BY:	E.J.D.R.

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:

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

NOTES/REVISIONS:

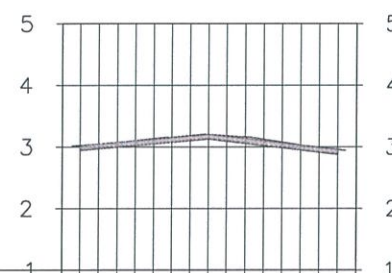
PROJECT:
ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:
SECTION VIEW
STA. -0+075.00 - STA 0+000.00

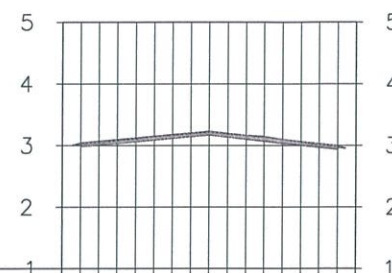
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 09
	09 25

-0+075.00



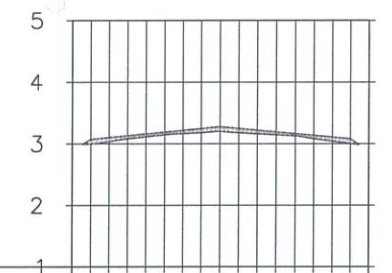
OVERLAY ELEVATIONS	3.02 3.05 3.07 3.10 3.13 3.15 3.18 3.20 3.17 3.13 3.10 3.07 3.06 3.03 2.99 2.96
EXISTING ELEVATIONS	3.02 3.04 3.07 3.10 3.13 3.16 3.18 3.20 3.18 3.16 3.12 3.07 3.03 2.95 2.92
MILL ELEVATIONS	2.95 2.97 3.00 3.03 3.05 3.08 3.10 3.13 3.09 3.06 3.02 2.99 2.95 2.92 2.88
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

-0+070.00



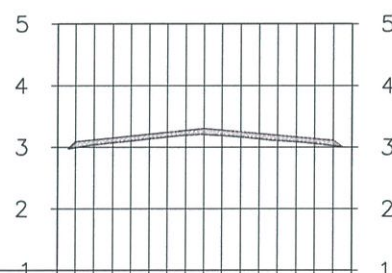
OVERLAY ELEVATIONS	3.04 3.07 3.09 3.12 3.15 3.17 3.20 3.23 3.19 3.16 3.13 3.10 3.05 3.03 3.00
EXISTING ELEVATIONS	3.01 3.04 3.08 3.11 3.14 3.16 3.18 3.20 3.16 3.16 3.14 3.09 3.01 2.97
MILL ELEVATIONS	2.98 3.01 3.04 3.09 3.12 3.14 3.17 3.20 3.14 3.14 3.10 3.04 3.01 2.97 2.94
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

-0+060.00



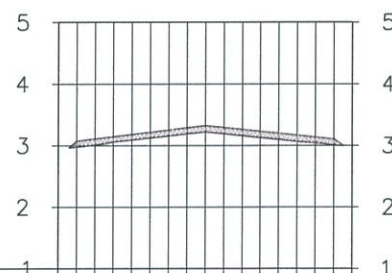
OVERLAY ELEVATIONS	3.07 3.10 3.13 3.16 3.19 3.22 3.25 3.28 3.25 3.19 3.16 3.13 3.10 3.08
EXISTING ELEVATIONS	3.00 3.04 3.08 3.11 3.15 3.17 3.20 3.28 3.16 3.14 3.13 3.08 3.04 3.00
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

-0+040.00



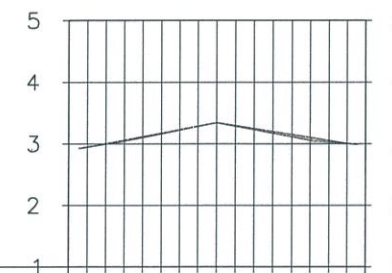
OVERLAY ELEVATIONS	3.08 3.12 3.15 3.18 3.21 3.24 3.27 3.30 3.27 3.24 3.22 3.19 3.16 3.14 3.11
EXISTING ELEVATIONS	3.00 3.04 3.08 3.10 3.14 3.17 3.20 3.21 3.19 3.16 3.14 3.11 3.09 3.06 3.02
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

-0+020.00



OVERLAY ELEVATIONS	3.07 3.11 3.14 3.18 3.21 3.25 3.28 3.32 3.29 3.26 3.23 3.20 3.17 3.14 3.10
EXISTING ELEVATIONS	2.98 3.01 3.06 3.09 3.13 3.16 3.19 3.22 3.19 3.16 3.13 3.10 3.07 3.04 3.01
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+000.00



OVERLAY ELEVATIONS	2.95 3.00 3.05 3.10 3.15 3.20 3.25 3.29 3.34 3.34 3.29 3.24 3.20 3.15 3.10 3.05 3.00
EXISTING ELEVATIONS	2.95 3.00 3.05 3.10 3.16 3.22 3.26 3.29 3.34 3.34 3.29 3.23 3.17 3.11 3.05 3.03 3.00
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1 RUNWAY CROSS-SECTION VIEW

CW-9 CW-9

SCALE:

HOR. 1:120M
VER. 1:12M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000, 1000, 1000

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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

REVIEWED BY:

RAUL R. GRUCENA
Division Chief III, DDD - ADMS

SUBMITTED BY:

ARNEL R. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

LT GEN RAL L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

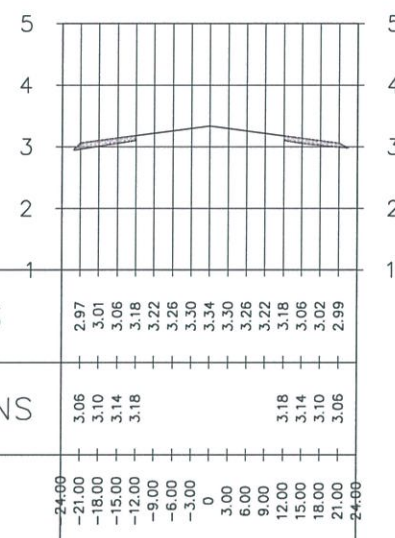
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

SECTION VIEW
STA. 0+020.00 - STA 0+120.00

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 10
	10 25

0+020.00



	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 BANGSAWAY STREET, PASAY CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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

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:

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

NOTES/REVISIONS:

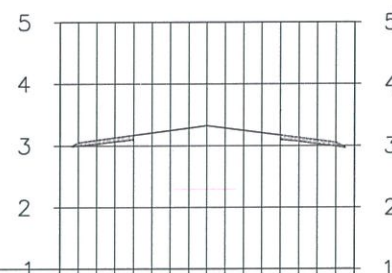
PROJECT:
ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:
SECTION VIEW
STA. 0+140.00 - STA 0+240.00

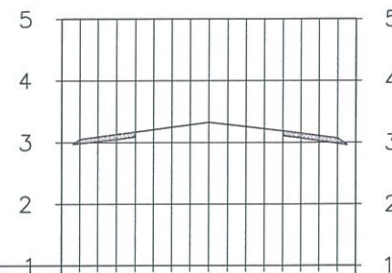
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 11
	11 25

0+140.00



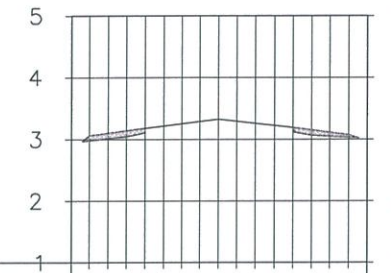
EXISTING ELEVATIONS	3.00 3.03 3.07 3.17 3.21 3.25 3.29 3.33 3.29 3.25 3.21 3.17 3.07 3.03 2.99
PROPOSED ELEVATIONS	3.05 3.09 3.13 3.17 3.21 3.25 3.29 3.33 3.29 3.25 3.21 3.17 3.13 3.09 3.05
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+160.00



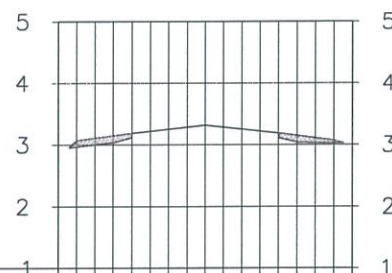
EXISTING ELEVATIONS	2.99 3.02 3.05 3.17 3.21 3.25 3.29 3.33 3.29 3.25 3.21 3.17 3.14 3.07 3.03 2.98
PROPOSED ELEVATIONS	3.05 3.09 3.13 3.17 3.21 3.25 3.29 3.33 3.29 3.25 3.21 3.18 3.14 3.10 3.06
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+180.00



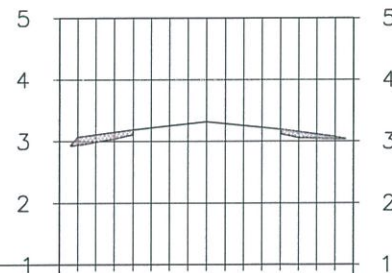
EXISTING ELEVATIONS	2.98 3.01 3.05 3.18 3.22 3.25 3.29 3.32 3.29 3.26 3.22 3.19 3.15 3.07 3.03
PROPOSED ELEVATIONS	3.06 3.10 3.14 3.18 3.22 3.25 3.29 3.32 3.29 3.26 3.22 3.19 3.15 3.11 3.07
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+200.00



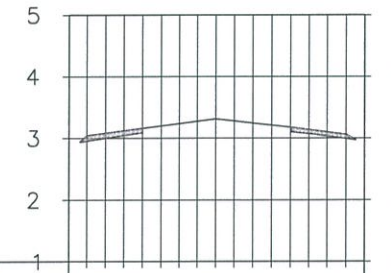
EXISTING ELEVATIONS	2.97 3.01 3.04 3.19 3.22 3.26 3.29 3.32 3.29 3.25 3.22 3.19 3.15 3.04 3.03
PROPOSED ELEVATIONS	3.07 3.11 3.15 3.19 3.22 3.26 3.29 3.32 3.29 3.25 3.22 3.19 3.15 3.11 3.07
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+220.00



EXISTING ELEVATIONS	2.94 2.99 3.04 3.19 3.22 3.25 3.29 3.32 3.29 3.26 3.23 3.20 3.16 3.06 3.04
PROPOSED ELEVATIONS	3.07 3.11 3.15 3.19 3.22 3.25 3.29 3.32 3.29 3.26 3.23 3.20 3.16 3.12 3.08
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+240.00



EXISTING ELEVATIONS	2.96 3.00 3.05 3.16 3.20 3.24 3.28 3.32 3.28 3.25 3.21 3.18 3.14 3.08 3.00
PROPOSED ELEVATIONS	3.04 3.08 3.12 3.16 3.20 3.24 3.28 3.32 3.28 3.25 3.21 3.18 3.14 3.10 3.06
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00



RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 ROXAS CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

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.

REVIEWED BY:

RAUL R. ORCENA
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:

LT GEN RAIN L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

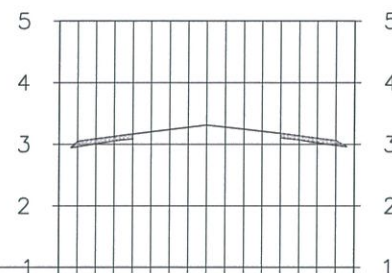
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

SECTION VIEW
STA. 0+260.00 - STA 0+360.00

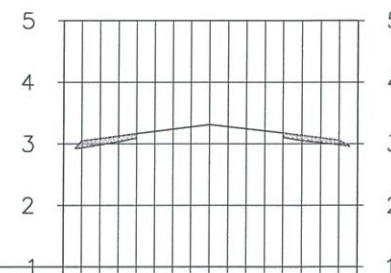
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 12
	12 25

0+260.00



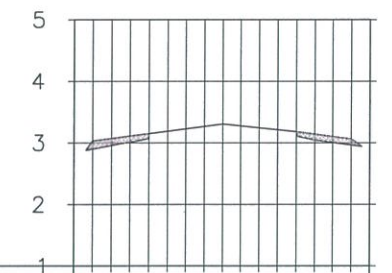
EXISTING ELEVATIONS	2.96 3.01 3.06 3.16 3.20 3.24 3.28 3.31 3.24 3.21 3.18 3.07 3.03 2.98
PROPOSED ELEVATIONS	3.04 3.08 3.12 3.16 3.18 3.14 3.10 3.06
OFFSET	24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+280.00



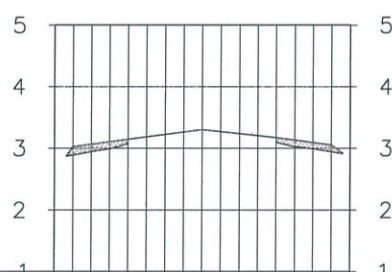
EXISTING ELEVATIONS	2.94 2.99 3.04 3.17 3.20 3.24 3.27 3.31 3.28 3.24 3.21 3.18 3.05 3.02 2.98
PROPOSED ELEVATIONS	3.05 3.09 3.13 3.17 3.18 3.14 3.10 3.06
OFFSET	24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+300.00



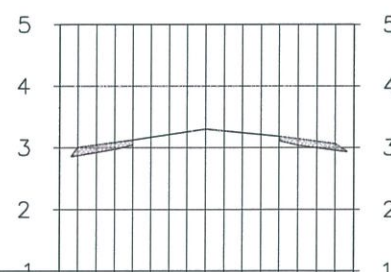
EXISTING ELEVATIONS	2.90 2.96 3.01 3.15 3.19 3.23 3.27 3.31 3.28 3.25 3.21 3.18 3.05 3.01 2.97
PROPOSED ELEVATIONS	3.03 3.07 3.11 3.15 3.18 3.14 3.10 3.06
OFFSET	24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+320.00



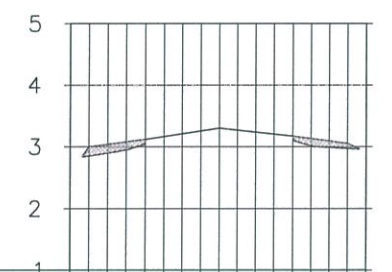
EXISTING ELEVATIONS	2.89 2.94 2.99 3.15 3.19 3.23 3.27 3.31 3.27 3.24 3.21 3.17 3.03 2.99 2.94
PROPOSED ELEVATIONS	3.03 3.07 3.11 3.15 3.17 3.13 3.09 3.05
OFFSET	24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+340.00



EXISTING ELEVATIONS	2.87 2.93 2.98 3.13 3.17 3.22 3.26 3.30 3.27 3.24 3.22 3.19 3.04 3.00 2.96
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.19 3.15 3.11 3.07
OFFSET	24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+360.00



EXISTING ELEVATIONS	2.85 2.90 2.95 3.12 3.17 3.21 3.26 3.30 3.27 3.24 3.21 3.17 3.02 2.99 2.96
PROPOSED ELEVATIONS	3.00 3.04 3.08 3.12 3.17 3.13 3.09 3.05
OFFSET	24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00



1 RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 ROXAS CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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

REVIEWED BY:

RAUL R. CRUCENA
Division Chief, 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:

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

NOTES/REVISIONS:

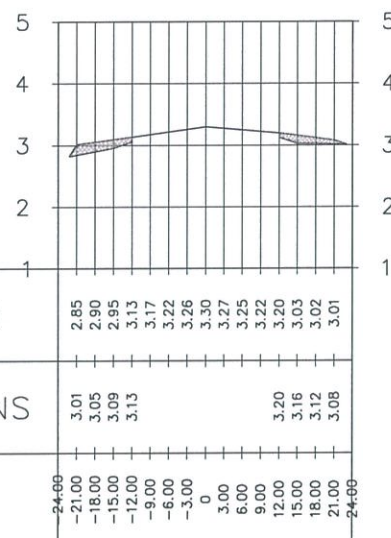
PROJECT:
ASPHALT OVERLAY OF RUNWAY (PHASE II)

LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:
SECTION VIEW
STA. 0+380.00 - STA 0+480.00

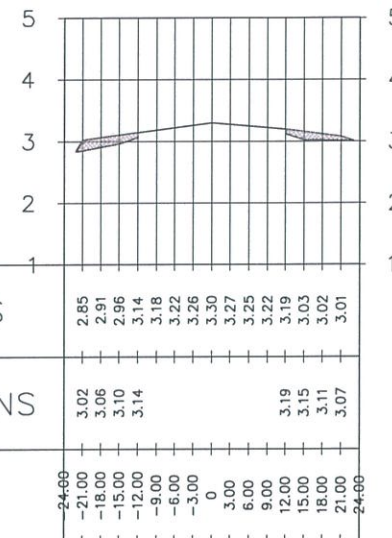
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 13
	13 25

0+380.00



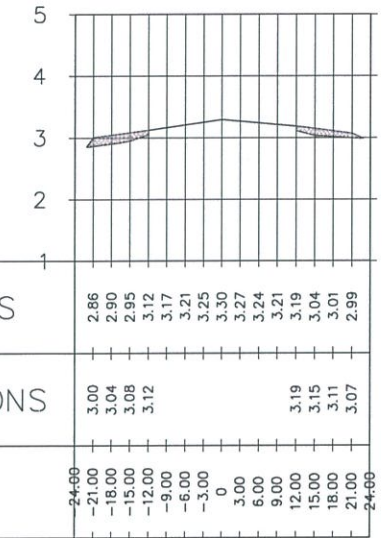
EXISTING ELEVATIONS	2.85 2.90 2.95 3.13 3.17 3.22 3.26 3.30 3.32 3.25 3.20 3.03 3.02 3.01
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.15 3.20 3.12 3.08
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+400.00



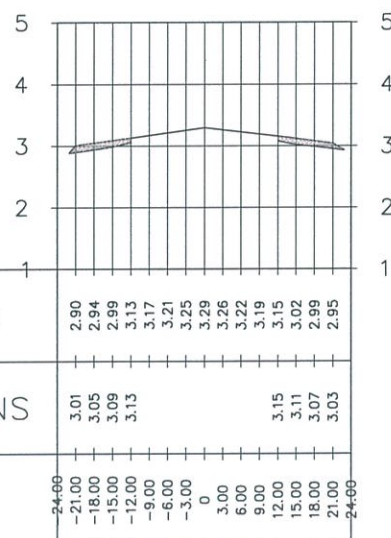
EXISTING ELEVATIONS	2.85 2.91 2.96 3.14 3.18 3.22 3.26 3.30 3.32 3.25 3.19 3.03 3.02 3.01
PROPOSED ELEVATIONS	3.02 3.06 3.10 3.14 3.16 3.20 3.12 3.07
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+420.00



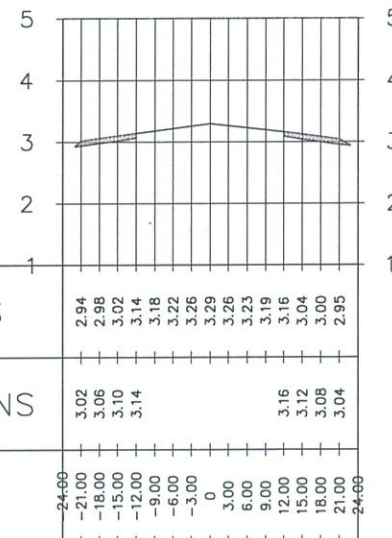
EXISTING ELEVATIONS	2.86 2.90 2.95 3.12 3.17 3.21 3.25 3.30 3.32 3.24 3.21 3.19 3.04 3.01 2.99
PROPOSED ELEVATIONS	3.00 3.04 3.08 3.12 3.14 3.18 3.10 3.07
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+440.00



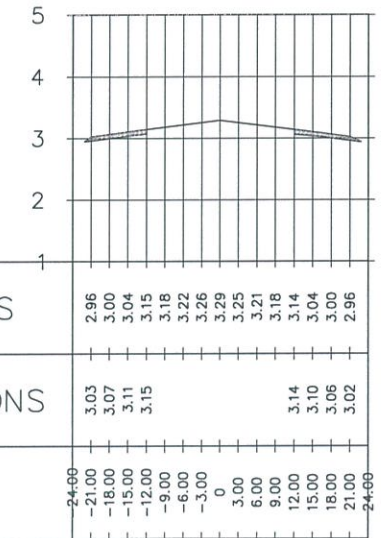
EXISTING ELEVATIONS	2.90 2.94 2.99 3.13 3.17 3.21 3.25 3.29 3.32 3.19 3.15 3.02 2.99 2.95
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.15 3.18 3.10 3.03
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+460.00



EXISTING ELEVATIONS	2.94 2.98 3.02 3.14 3.18 3.22 3.26 3.29 3.32 3.23 3.16 3.04 3.00 2.95
PROPOSED ELEVATIONS	3.02 3.06 3.10 3.14 3.16 3.20 3.12 3.04
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+480.00



EXISTING ELEVATIONS	2.96 3.00 3.04 3.15 3.18 3.22 3.26 3.29 3.32 3.21 3.18 3.14 3.04 3.00 2.96
PROPOSED ELEVATIONS	3.03 3.07 3.11 3.15 3.17 3.21 3.13 3.06 3.02
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00



RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 10th Floor, 10th Floor

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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

REVIEWED BY:

RAUL R. CRUCENA
Division Chief II, IDDO - 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 L. ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:
ASPHALT OVERLAY OF RUNWAY
(PHASE II)

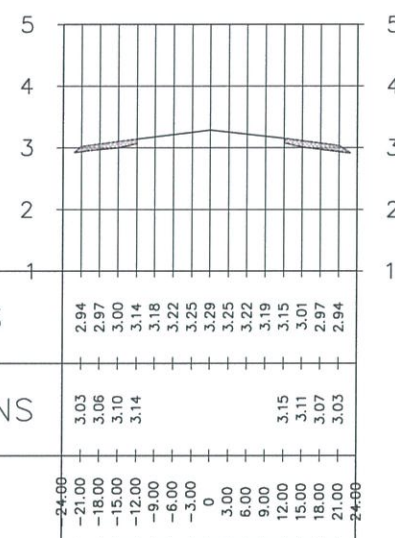
LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

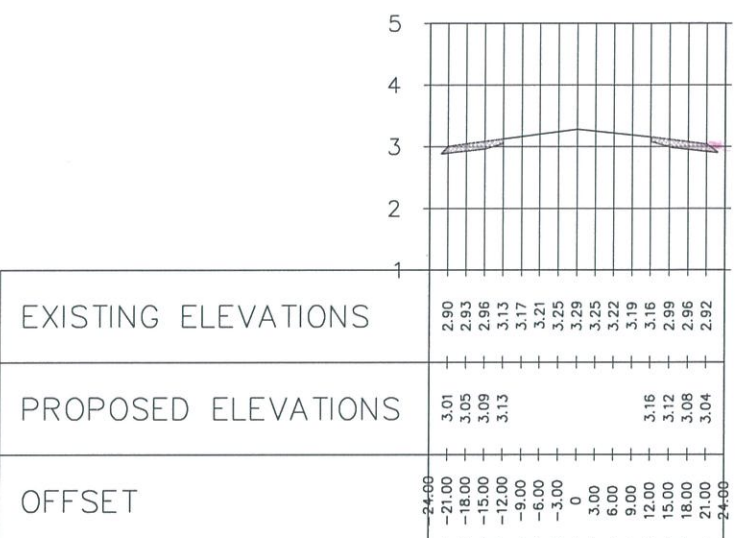
SECTION VIEW
STA. 0+620.00 - STA 0+720.00

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 15
	15 25

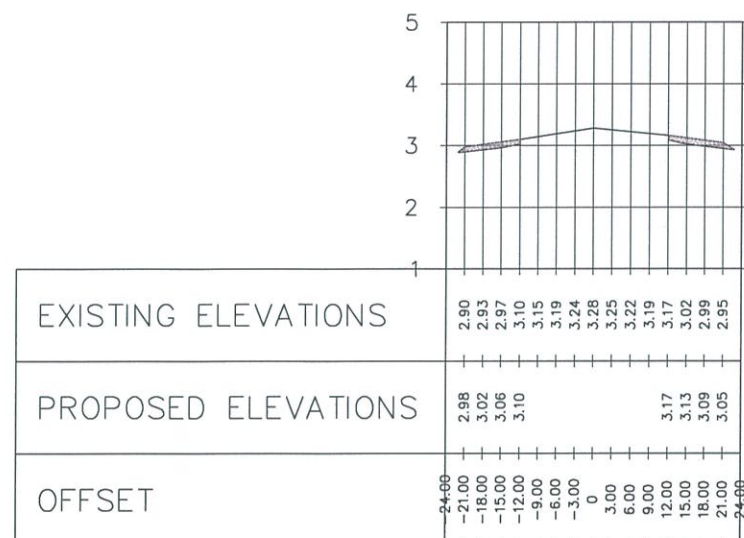
0+620.00



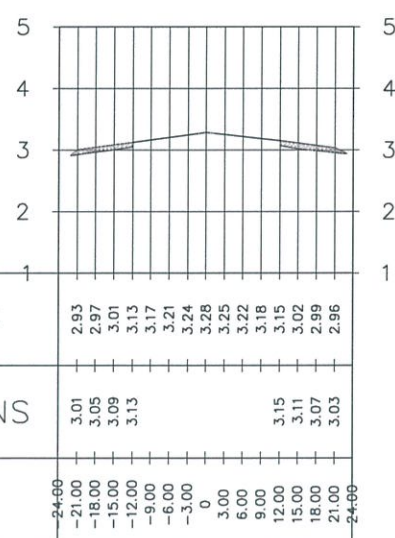
0+640.00



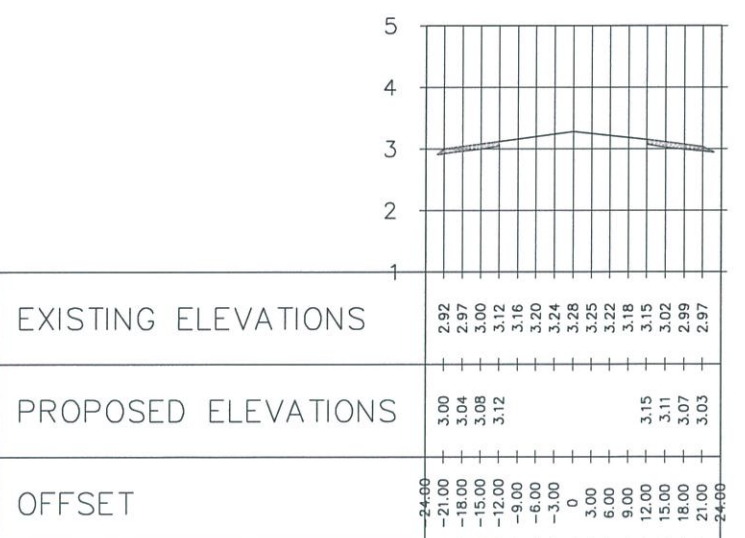
0+660.00



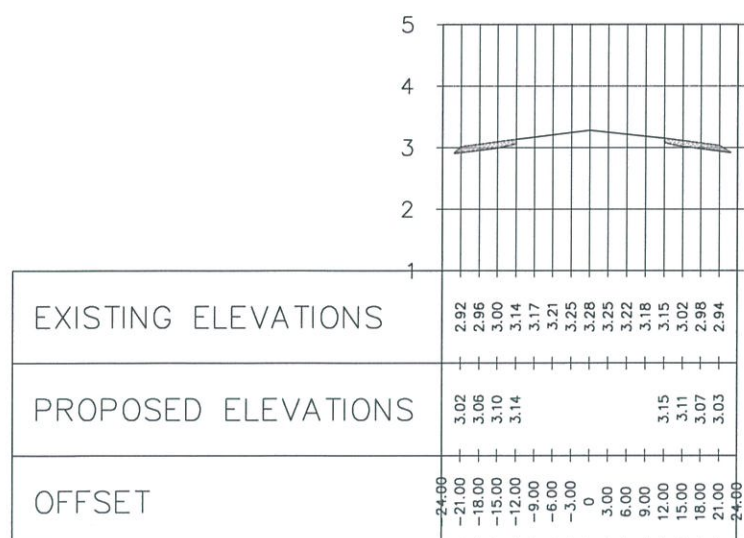
0+680.00



0+700.00



0+720.00



1 RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 ROAD 1000 PASEO CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

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.

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:

LT GEN RAUL DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:
ASPHALT OVERLAY OF RUNWAY (PHASE II)

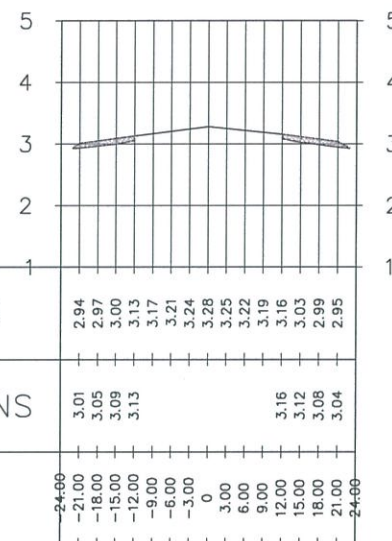
LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

SECTION VIEW
STA. 0+740.00 - STA 0+840.00

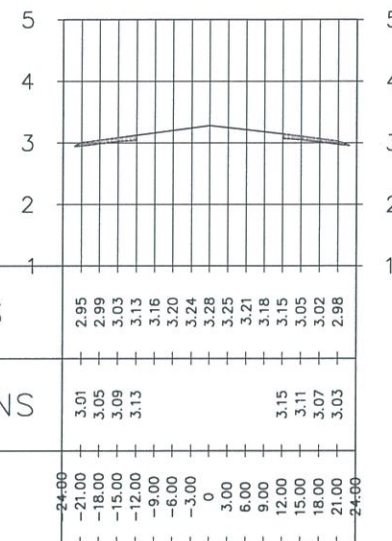
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 16
	16 25

0+740.00



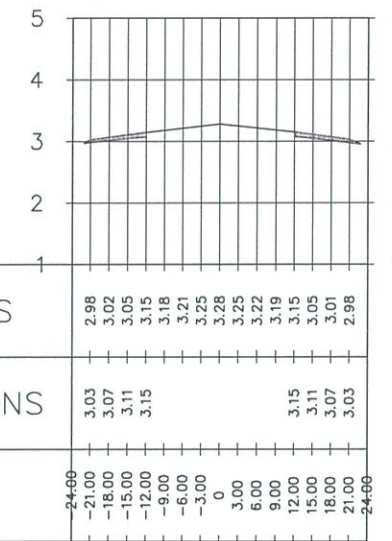
EXISTING ELEVATIONS	2.94 2.97 3.00 3.13 3.17 3.21 3.24 3.28 3.25 3.22 3.19 3.16 3.12 3.03 2.99 2.95
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.17 3.21 3.24 3.28 3.25 3.22 3.19 3.16 3.12 3.03 3.08 3.04
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+760.00



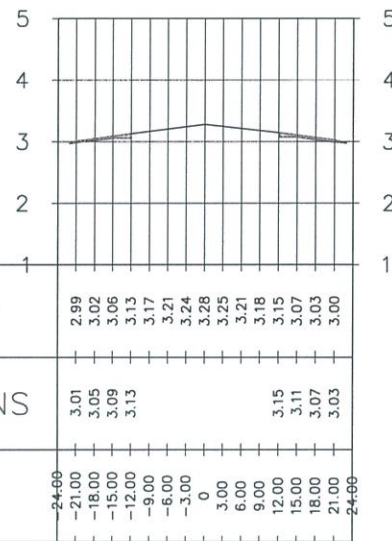
EXISTING ELEVATIONS	2.95 2.99 3.03 3.13 3.16 3.20 3.24 3.28 3.25 3.21 3.18 3.15 3.05 3.02 2.98
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.16 3.20 3.24 3.28 3.25 3.21 3.18 3.15 3.11 3.07 3.03
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+780.00



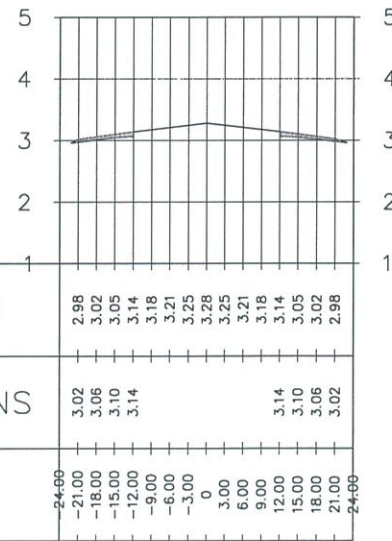
EXISTING ELEVATIONS	2.98 3.02 3.05 3.15 3.18 3.21 3.25 3.28 3.25 3.19 3.15 3.05 3.01 2.98
PROPOSED ELEVATIONS	3.03 3.07 3.11 3.15 3.18 3.21 3.25 3.28 3.25 3.19 3.15 3.11 3.07 3.03
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+800.00



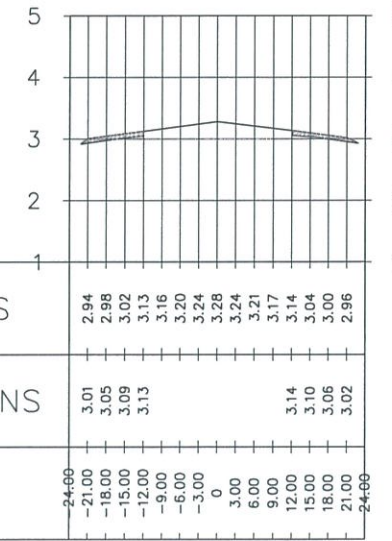
EXISTING ELEVATIONS	2.99 3.02 3.06 3.13 3.17 3.21 3.24 3.28 3.25 3.21 3.18 3.15 3.07 3.03 3.00
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.17 3.21 3.24 3.28 3.25 3.21 3.18 3.15 3.11 3.07 3.03
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+820.00



EXISTING ELEVATIONS	2.98 3.02 3.05 3.14 3.18 3.21 3.25 3.28 3.25 3.21 3.18 3.14 3.05 3.02 2.98
PROPOSED ELEVATIONS	3.02 3.06 3.10 3.14 3.18 3.21 3.25 3.28 3.25 3.21 3.18 3.14 3.10 3.06 3.02
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

0+840.00



EXISTING ELEVATIONS	2.94 2.98 3.02 3.13 3.16 3.20 3.24 3.28 3.25 3.21 3.17 3.14 3.04 3.00 2.96
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.16 3.20 3.24 3.28 3.25 3.21 3.17 3.14 3.10 3.06 3.02
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00



1 RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M


THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE


INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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

REVIEWED BY:


RAUL R. CRUCENA
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 L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY (PHASE II)

LOCATION:

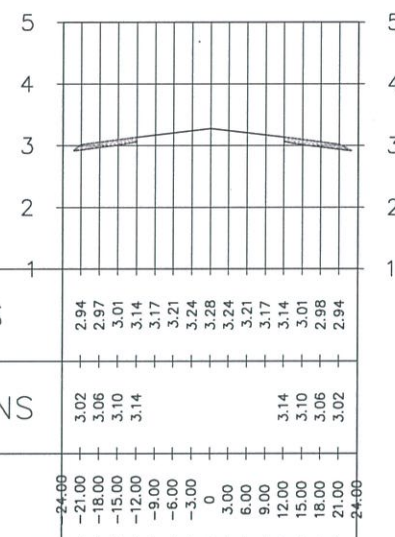
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

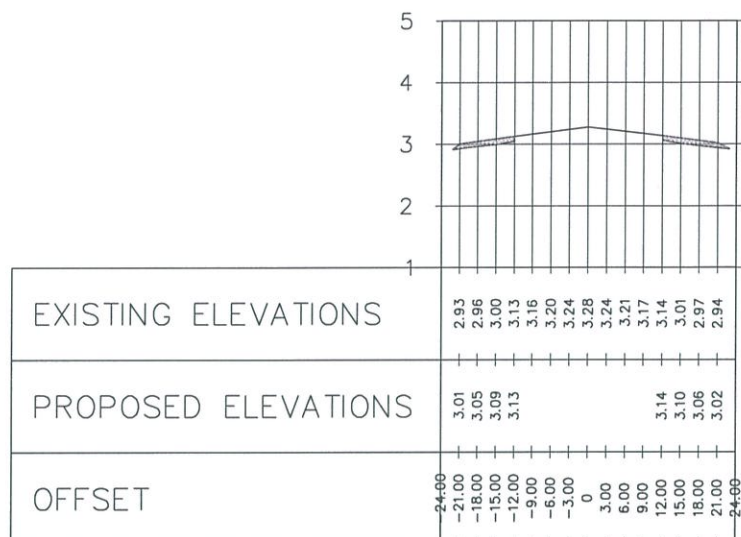
SECTION VIEW
STA. 0+860.00 - STA 0+960.00

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 17
	17 25

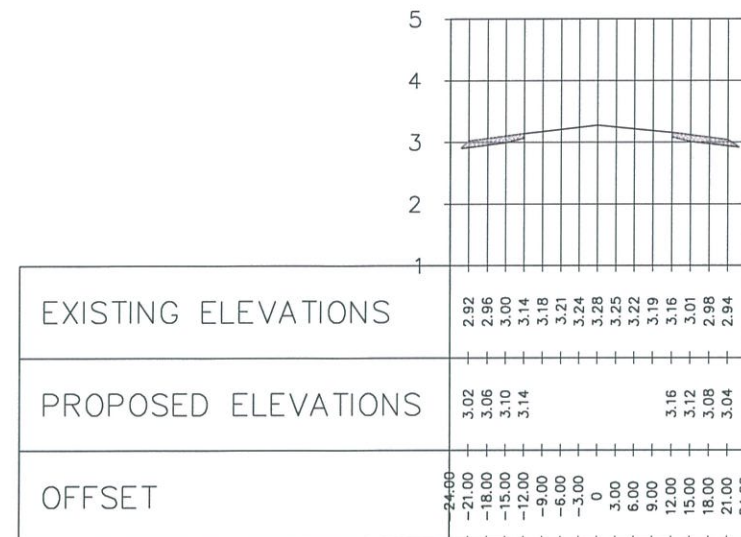
0+860.00



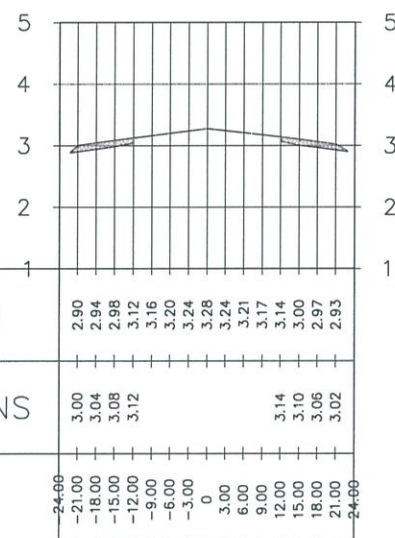
0+880.00



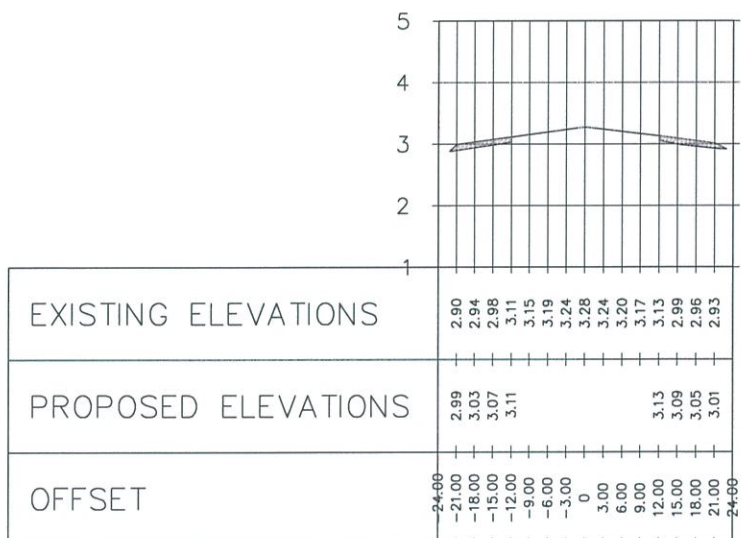
0+900.00



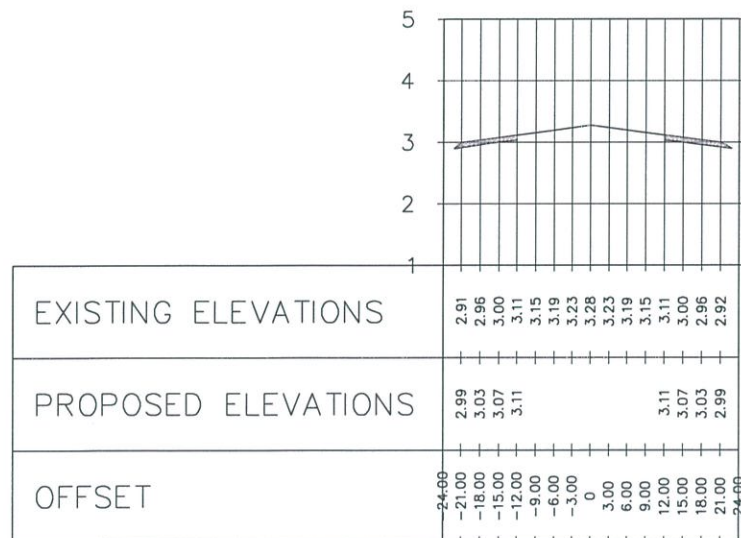
0+920.00



0+940.00



0+960.00



1
CW-17

RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M



REPUBLIC OF THE PHILIPPINES
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 PIAZZA, 1000 PIAZZA CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

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.

REVIEWED BY:

RAUL R. GRUCENA
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:

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

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY (PHASE II)

LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

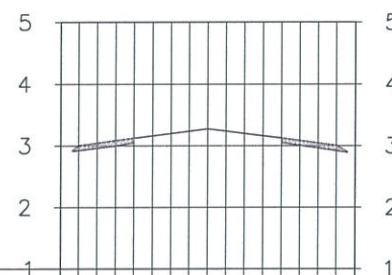
SHEET CONTENTS:

SECTION VIEW
STA. 0+980.00 - STA 1+080.00

DRAWING SCALE: SHEET NO:

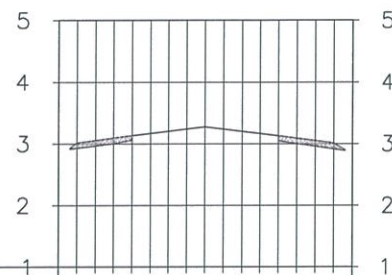
AS SHOWN CW - 18
18 25

0+980.00



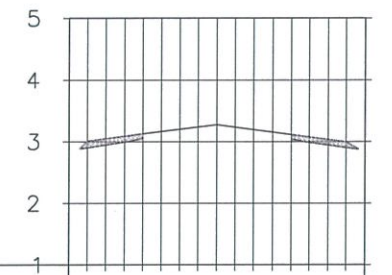
EXISTING ELEVATIONS	2.93 2.96 3.00 3.13 3.16 3.20 3.24 3.27 3.24 3.20 3.16 3.13 3.09 3.05 2.96 2.92
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.16 3.20 3.24 3.27 3.24 3.20 3.16 3.13 3.09 3.05 3.01
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+000.00



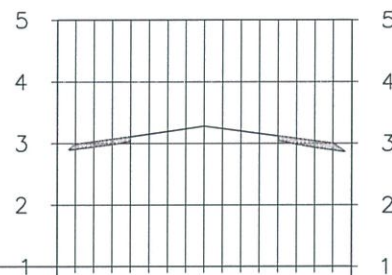
EXISTING ELEVATIONS	2.93 2.97 3.00 3.13 3.17 3.20 3.24 3.27 3.24 3.20 3.16 3.13 3.09 3.05 2.96 2.91
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.16 3.20 3.24 3.27 3.24 3.20 3.16 3.13 3.09 3.05 3.01
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+020.00



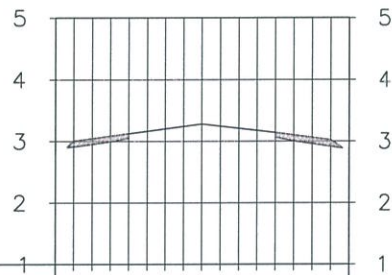
EXISTING ELEVATIONS	2.90 2.95 2.99 3.13 3.17 3.20 3.24 3.27 3.23 3.19 3.15 3.11 2.98 2.94 2.90
PROPOSED ELEVATIONS	3.01 3.05 3.09 3.13 3.16 3.20 3.24 3.27 3.23 3.19 3.15 3.11 3.07 3.03 2.99
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+040.00



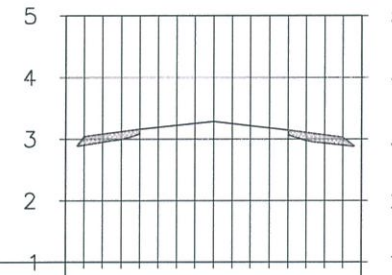
EXISTING ELEVATIONS	2.91 2.94 2.98 3.11 3.15 3.19 3.24 3.28 3.24 3.20 3.16 3.12 2.98 2.93 2.89
PROPOSED ELEVATIONS	2.99 3.03 3.07 3.11 3.15 3.19 3.24 3.28 3.24 3.20 3.16 3.12 3.08 3.04 3.00
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+060.00



EXISTING ELEVATIONS	2.91 2.95 2.99 3.12 3.16 3.20 3.24 3.28 3.25 3.21 3.18 3.14 3.01 2.96 2.91
PROPOSED ELEVATIONS	3.00 3.04 3.08 3.12 3.16 3.20 3.24 3.28 3.25 3.21 3.18 3.14 3.10 3.06 3.02
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+080.00



EXISTING ELEVATIONS	2.90 2.95 2.99 3.16 3.19 3.22 3.25 3.28 3.23 3.18 3.14 2.97 2.93 2.90
PROPOSED ELEVATIONS	3.04 3.08 3.12 3.16 3.19 3.22 3.25 3.28 3.23 3.18 3.14 3.10 3.06 3.02
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00



1 RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M


THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE


INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDD
DRAWN BY:	G.G.F.
CHECKED BY:	E.J.D.J.R.

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:


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

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY (PHASE II)

LOCATION:

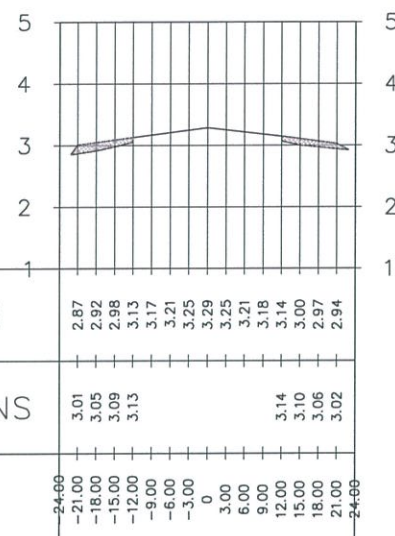
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

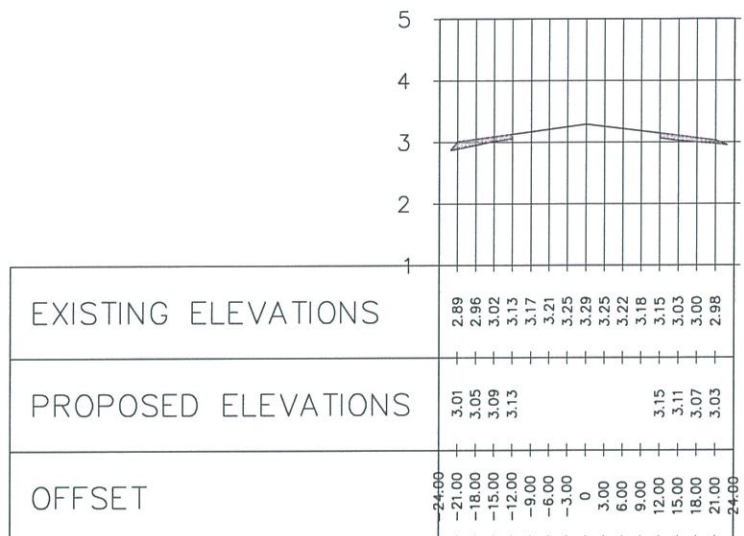
SECTION VIEW
STA. 1+100.00 - STA 1+200.00

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 19
	19 25

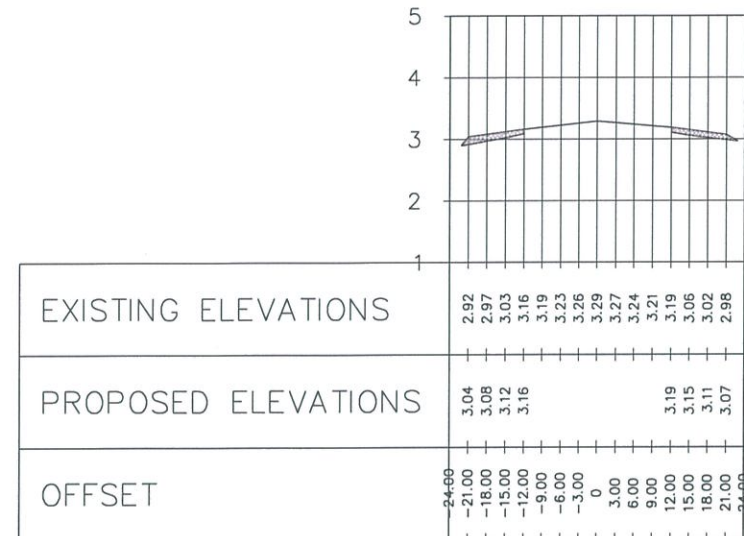
1+100.00



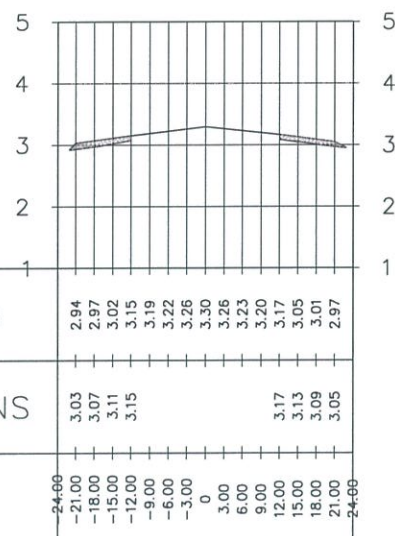
1+120.00



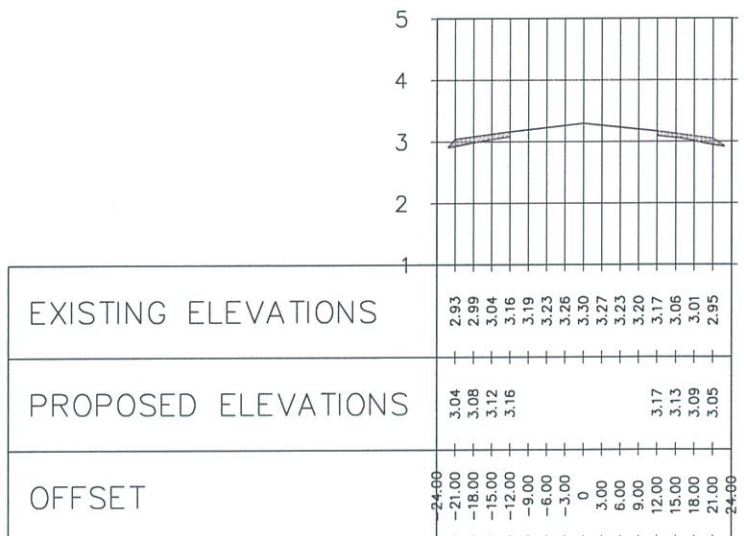
1+140.00



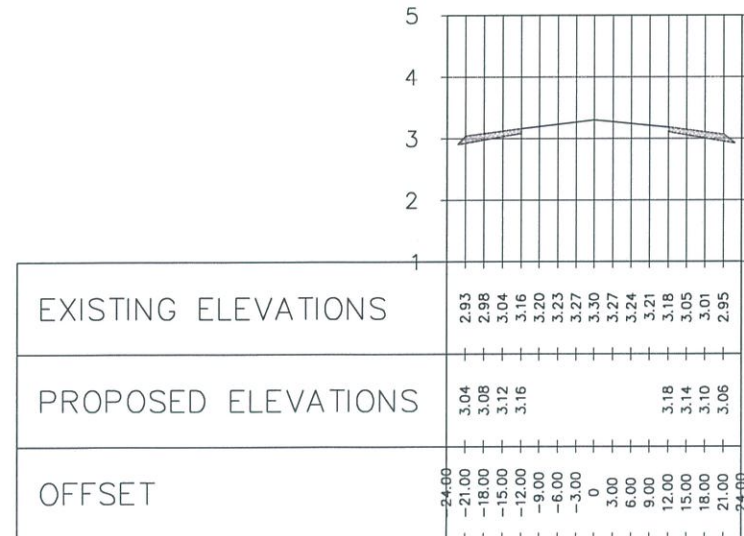
1+160.00



1+180.00



1+200.00



1
CW-19 CW-13

RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000 PIA ROAD, 1000 PIA CITY

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

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.

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:

LT GEN RAL L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

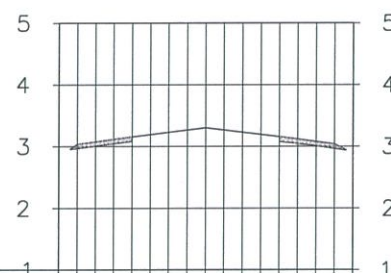
SECTION VIEW
STA. 1+220.00 - STA 1+320.00

DRAWING SCALE: SHEET NO:

AS SHOWN CW - 20

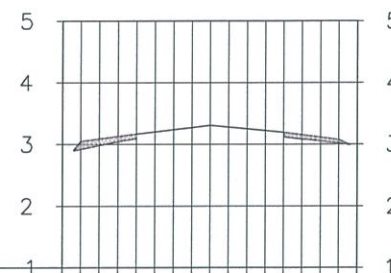
20 25

1+220.00



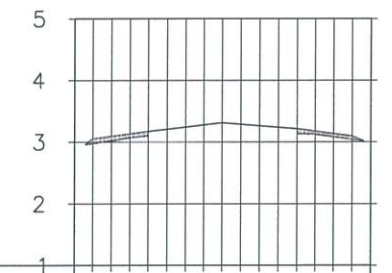
EXISTING ELEVATIONS	2.97 3.01 3.05 3.16 3.20 3.23 3.27 3.31 3.27 3.23 3.19 3.16 3.05 3.01 2.97
PROPOSED ELEVATIONS	3.04 3.08 3.12 3.16 3.20 3.23 3.27 3.31 3.27 3.23 3.19 3.16 3.05 3.01 3.04
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+240.00



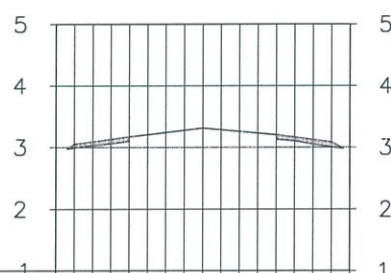
EXISTING ELEVATIONS	2.92 2.99 3.05 3.17 3.20 3.24 3.27 3.31 3.28 3.25 3.22 3.20 3.16 3.09 3.05 3.02
PROPOSED ELEVATIONS	3.05 3.09 3.13 3.17 3.20 3.24 3.27 3.31 3.28 3.25 3.22 3.20 3.16 3.09 3.05 3.02
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+260.00



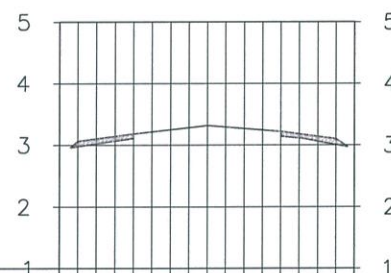
EXISTING ELEVATIONS	2.98 3.03 3.07 3.17 3.21 3.24 3.28 3.31 3.29 3.26 3.24 3.21 3.13 3.08 3.04
PROPOSED ELEVATIONS	3.06 3.09 3.13 3.17 3.21 3.24 3.28 3.31 3.29 3.26 3.24 3.21 3.13 3.08 3.04
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+280.00



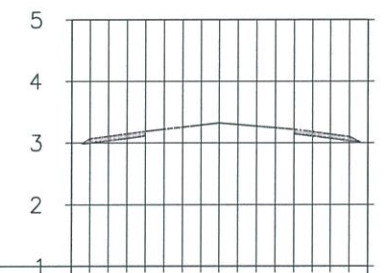
EXISTING ELEVATIONS	3.00 3.03 3.06 3.18 3.21 3.25 3.28 3.32 3.32 3.28 3.25 3.21 3.11 3.05 3.01
PROPOSED ELEVATIONS	3.06 3.10 3.14 3.18 3.21 3.25 3.28 3.32 3.32 3.28 3.25 3.21 3.11 3.05 3.01
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+300.00



EXISTING ELEVATIONS	2.98 3.03 3.07 3.18 3.22 3.25 3.28 3.32 3.32 3.28 3.25 3.22 3.12 3.06 3.01
PROPOSED ELEVATIONS	3.07 3.11 3.14 3.18 3.22 3.25 3.28 3.32 3.32 3.28 3.25 3.22 3.12 3.06 3.01
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+320.00



EXISTING ELEVATIONS	3.00 3.04 3.08 3.19 3.22 3.26 3.29 3.32 3.30 3.27 3.25 3.22 3.11 3.08 3.04
PROPOSED ELEVATIONS	3.07 3.11 3.15 3.19 3.22 3.26 3.29 3.32 3.30 3.27 3.25 3.22 3.11 3.08 3.04
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00



RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M

THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

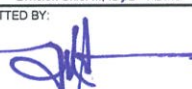
AERODROME DEVELOPMENT AND MANAGEMENT SERVICE


INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION


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

REVIEWED BY:


RAUL R. CRUCENA
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 L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:
ASPHALT OVERLAY OF RUNWAY
(PHASE II)

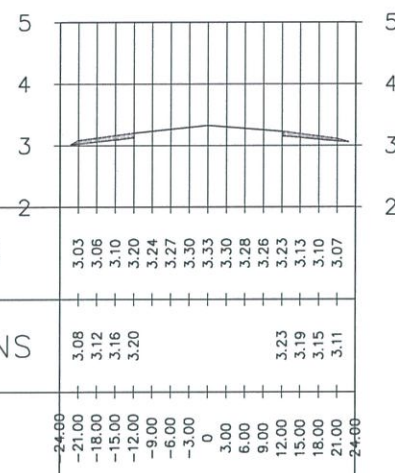
LOCATION:
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

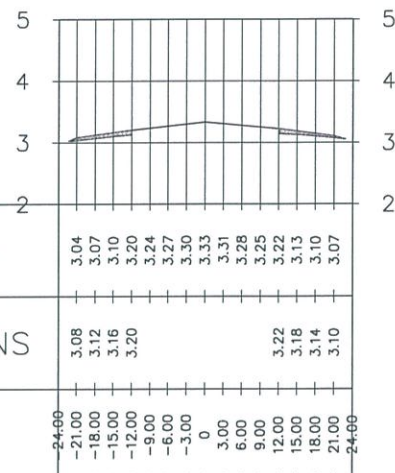
SECTION VIEW
STA. 1+340.00 - STA 1+440.00

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 21
	21 25

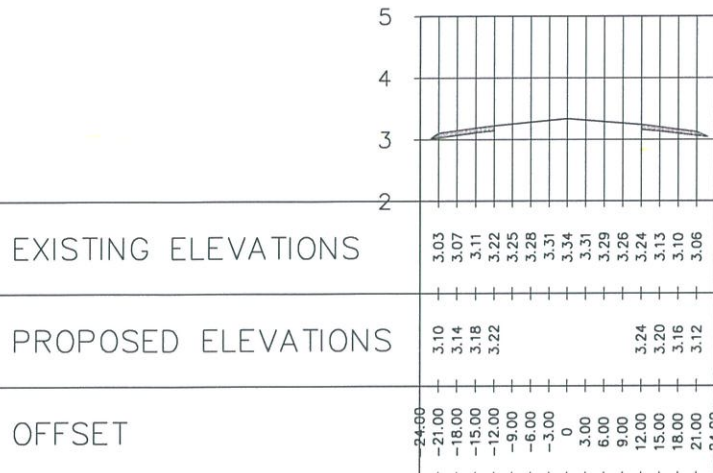
1+340.00



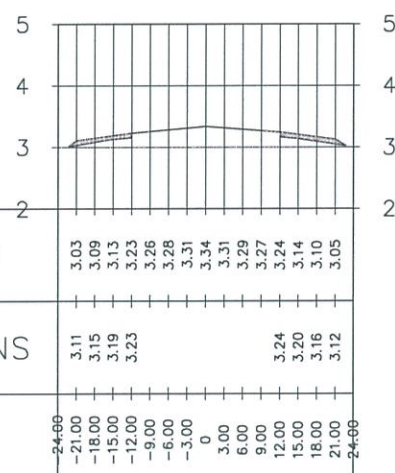
1+360.00



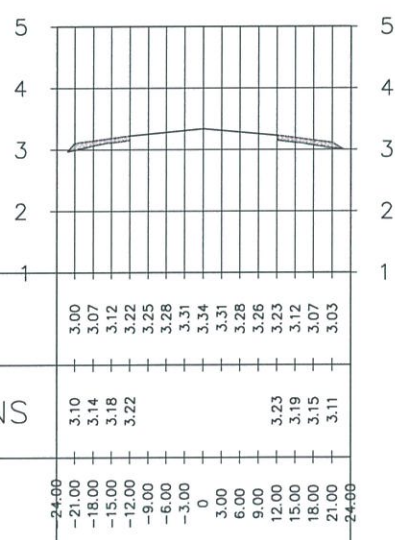
1+380.00



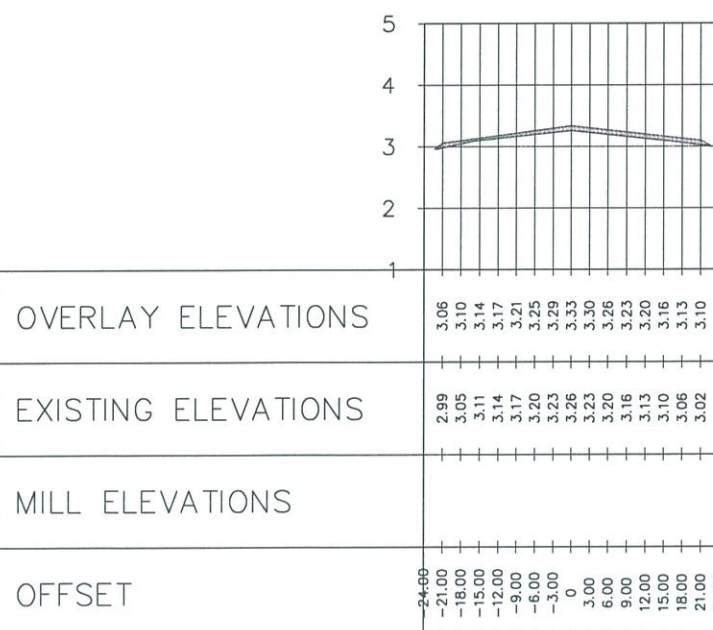
1+400.00



1+420.00



1+440.00



RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
1000, 1000, 1000, 1000

THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

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.R.

REVIEWED BY:

RAUL R. ORUCENA
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

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

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

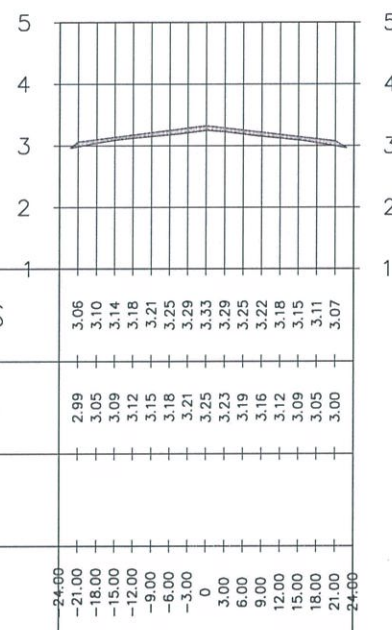
SECTION VIEW
STA. 1+460.00 - STA 1+560.00

DRAWING SCALE: SHEET NO.

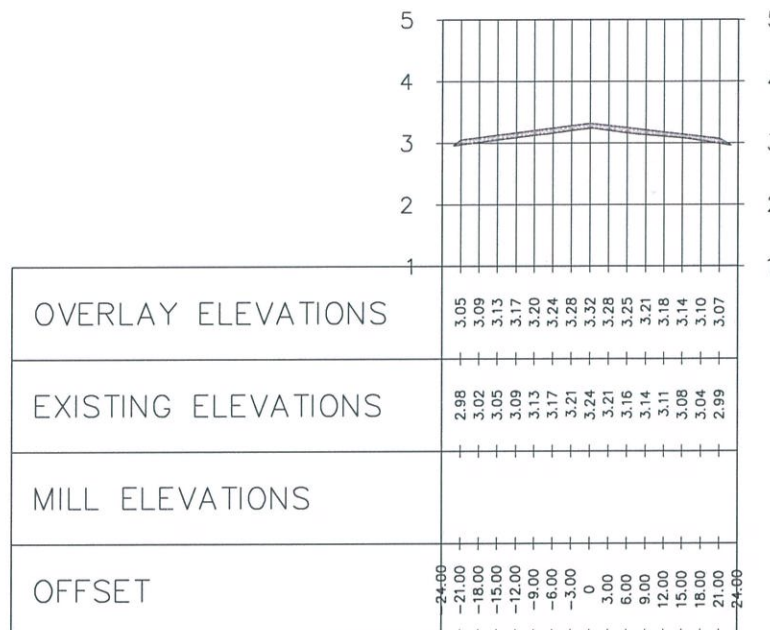
AS SHOWN CW - 22

22 25

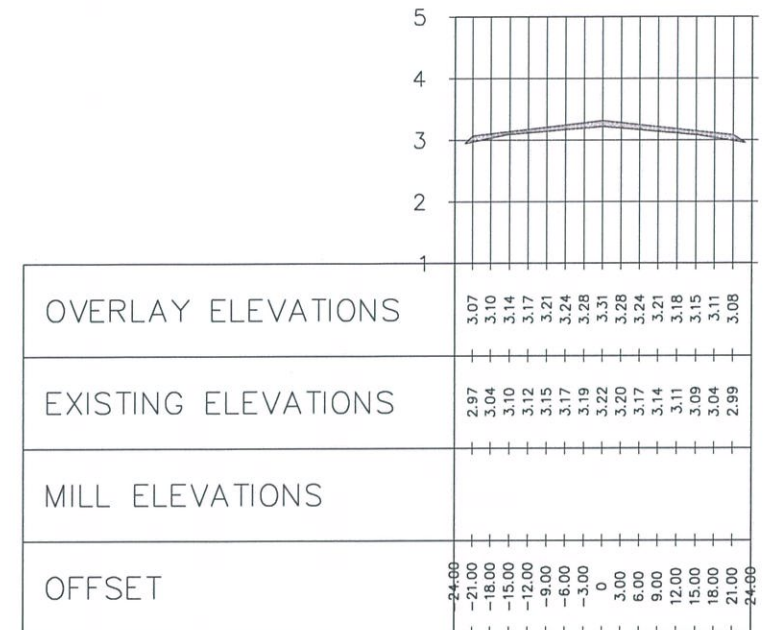
1+460.00



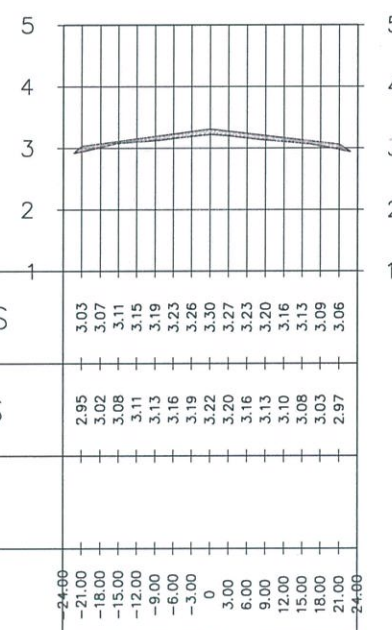
1+480.00



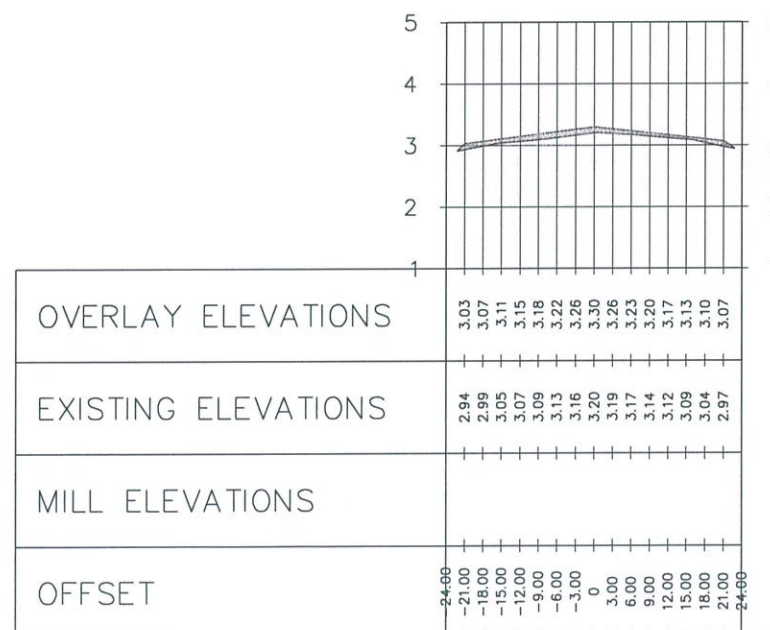
1+500.00



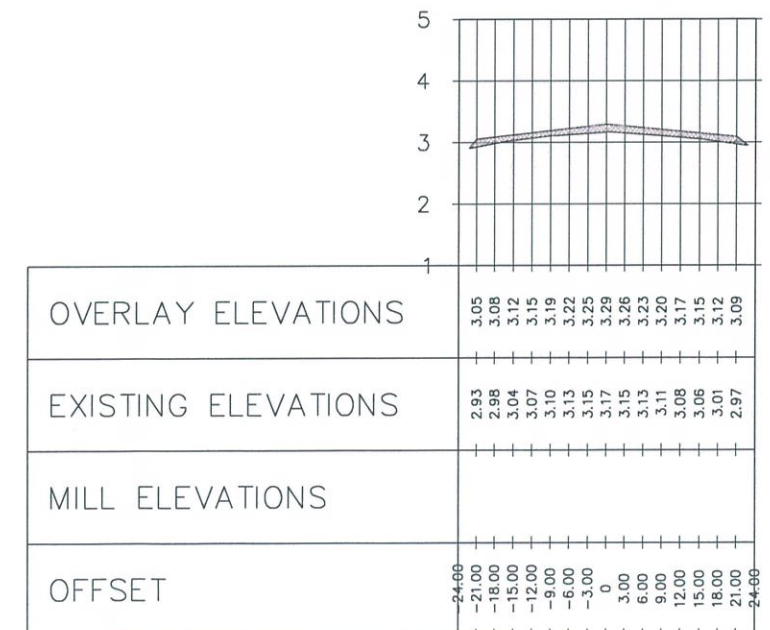
1+520.00



1+540.00



1+560.00



RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M


THIS DRAWING IS EXCLUSIVE PROPERTY OF CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE


INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDD
DRAWN BY:	G.O.F.
CHECKED BY:	E.J.D.R.

REVIEWED BY:


RAUL R. CRUCENA
Division Chief III, IDDO - 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 L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

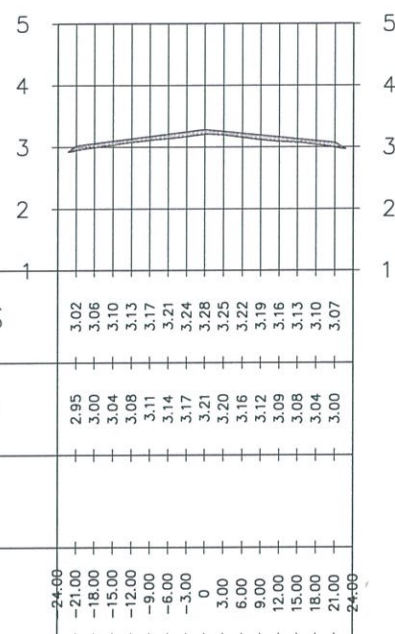
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

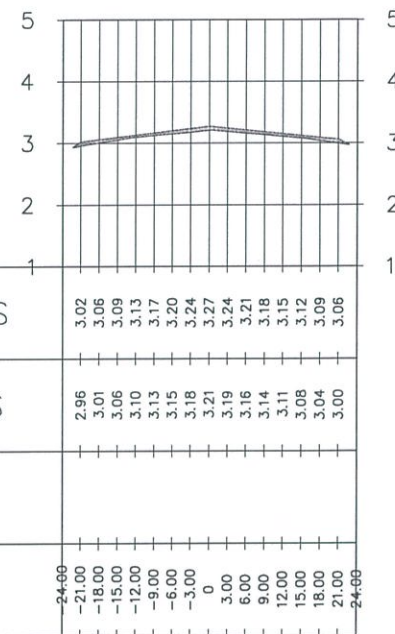
SECTION VIEW
STA. 1+580.00 - STA 1+680.00

DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 24
	24 25

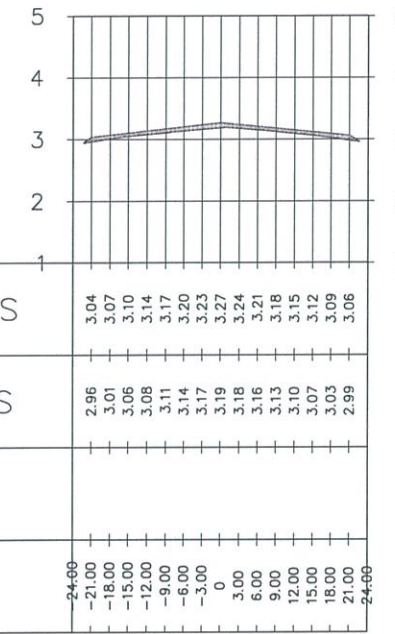
1+580.00



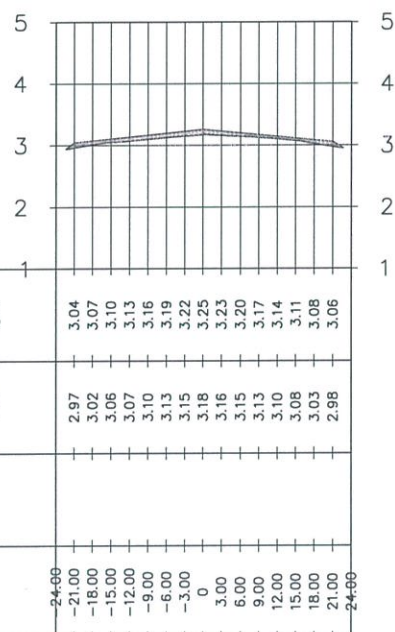
1+600.00



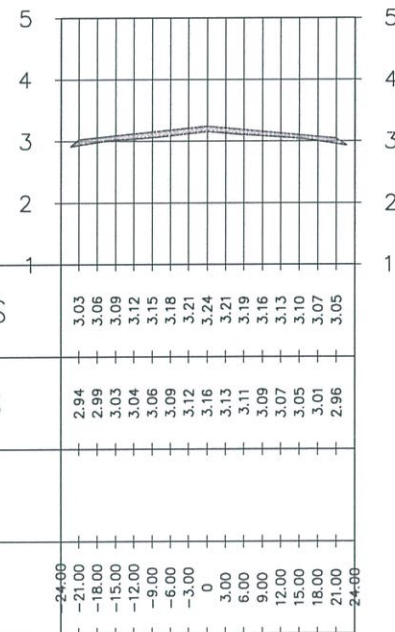
1+620.00



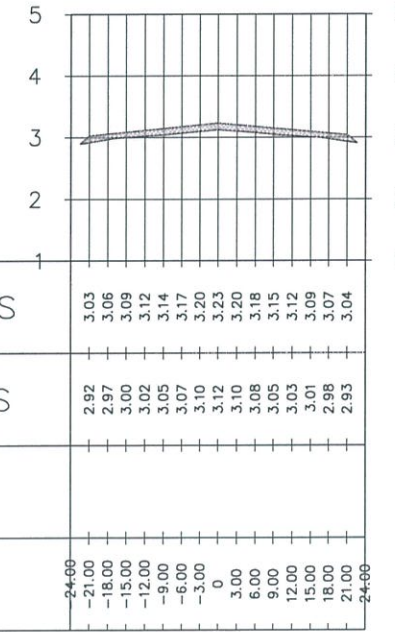
1+640.00



1+660.00



1+680.00



RUNWAY CROSS-SECTION VIEW

SCALE: HOR. 1:120M
VER. 1:12M


THIS DRAWING IS EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AND MUST NOT BE REPRODUCED, EXHIBITED, LOANED NOR COPIED IN PART OR IN WHOLE WITHOUT PROPER PERMISSION AND/OR WRITTEN CONSENT FROM THE DIRECTOR GENERAL CAAP.

AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

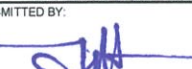
INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	G.G.F.
CHECKED BY:	E.J.D.R.

REVIEWED BY:


RAUL R. CRUCENA
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 L. DEL ROSARIO AFP (RET)
Director General

NOTES/REVISIONS:

PROJECT:

ASPHALT OVERLAY OF RUNWAY
(PHASE II)

LOCATION:

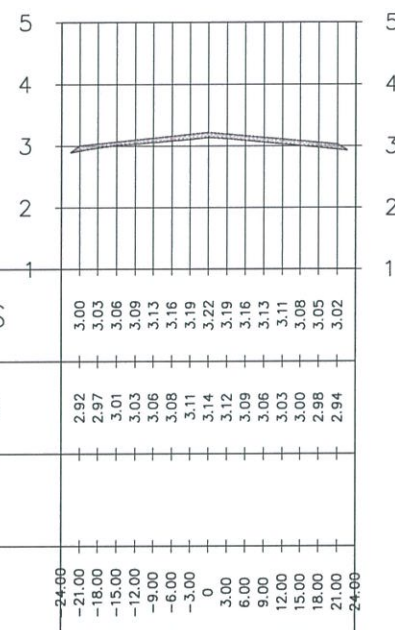
ROXAS AIRPORT
ROXAS CITY, CAPIZ

SHEET CONTENTS:

SECTION VIEW
STA. 1+700.00 - STA 1+760.00

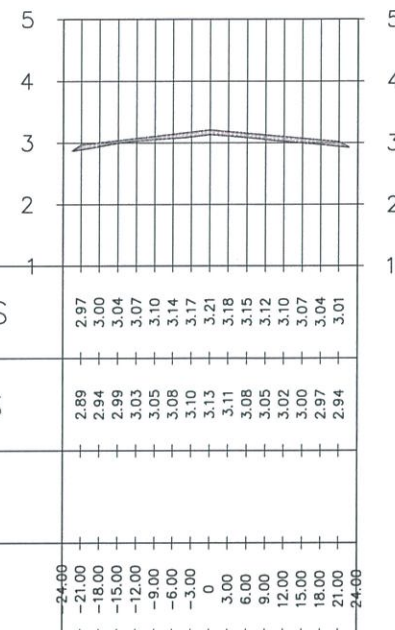
DRAWING SCALE:	SHEET NO:
AS SHOWN	CW - 25
	25

1+700.00



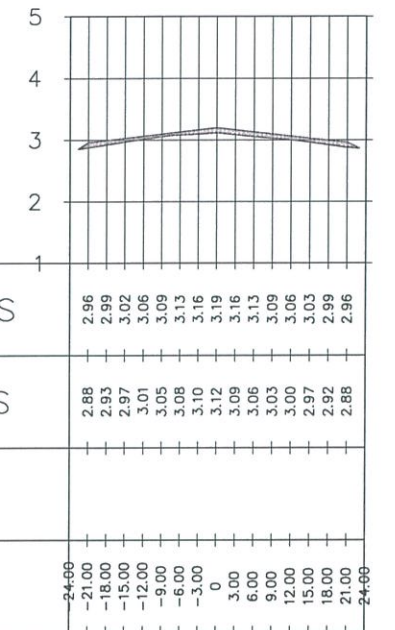
OVERLAY ELEVATIONS	3.00 3.03 3.06 3.09 3.13 3.16 3.19 3.22 3.19 3.16 3.13 3.11 3.08 3.05 3.02
EXISTING ELEVATIONS	2.92 2.97 3.01 3.03 3.06 3.08 3.11 3.14 3.12 3.09 3.06 3.03 3.00 2.98 2.94
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+720.00



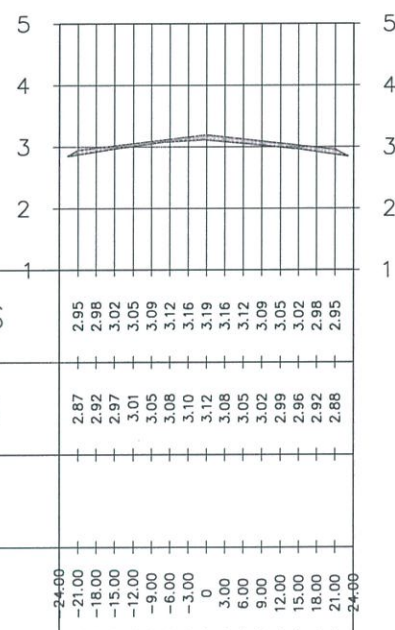
OVERLAY ELEVATIONS	2.97 3.00 3.04 3.07 3.10 3.14 3.17 3.21 3.18 3.15 3.12 3.10 3.07 3.04 3.01
EXISTING ELEVATIONS	2.89 2.94 2.99 3.03 3.05 3.08 3.10 3.13 3.11 3.08 3.05 3.02 3.00 2.97 2.94
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+740.00



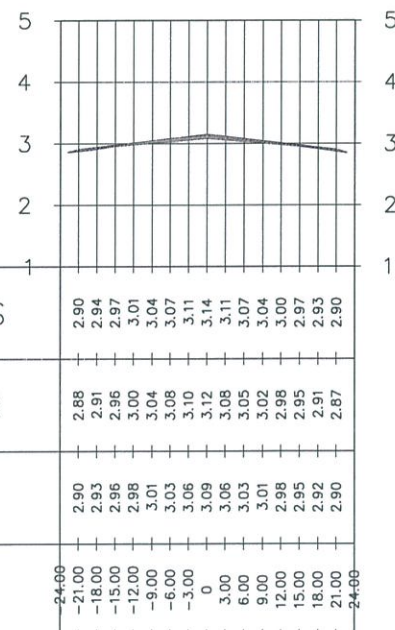
OVERLAY ELEVATIONS	2.96 2.99 3.02 3.06 3.09 3.13 3.16 3.19 3.16 3.13 3.09 3.06 3.03 2.97 2.96
EXISTING ELEVATIONS	2.88 2.93 2.97 3.01 3.05 3.08 3.10 3.12 3.09 3.06 3.03 3.00 2.92 2.88
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+745.00



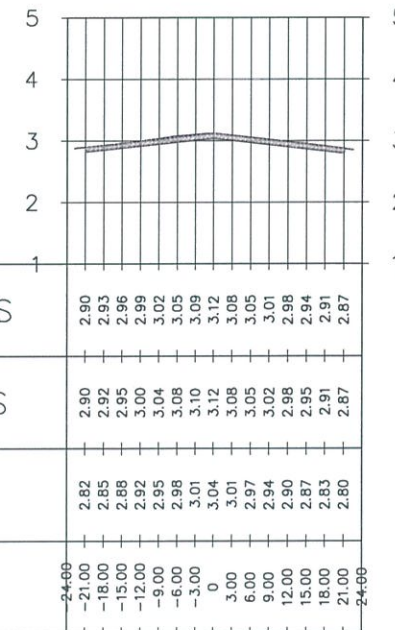
OVERLAY ELEVATIONS	2.95 2.98 3.02 3.05 3.09 3.12 3.16 3.19 3.16 3.13 3.10 3.08 3.05 3.02 2.95
EXISTING ELEVATIONS	2.87 2.92 2.97 3.01 3.05 3.08 3.10 3.12 3.12 3.09 3.06 3.03 3.00 2.98 2.88
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+755.00



OVERLAY ELEVATIONS	2.90 2.94 2.97 3.01 3.04 3.07 3.11 3.14 3.11 3.08 3.05 3.02 2.97 2.93 2.90
EXISTING ELEVATIONS	2.88 2.91 2.96 3.00 3.04 3.08 3.10 3.12 3.12 3.09 3.06 3.03 3.00 2.95 2.87
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00

1+760.00



OVERLAY ELEVATIONS	2.90 2.93 2.96 2.99 3.02 3.05 3.09 3.12 3.08 3.05 3.02 2.98 2.94 2.91 2.87
EXISTING ELEVATIONS	2.90 2.92 2.95 3.00 3.04 3.08 3.10 3.12 3.12 3.09 3.06 3.03 3.00 2.95 2.87
MILL ELEVATIONS	
OFFSET	-24.00 -21.00 -18.00 -15.00 -12.00 -9.00 -6.00 -3.00 0 3.00 6.00 9.00 12.00 15.00 18.00 21.00 24.00



1 RUNWAY CROSS-SECTION VIEW

SCALE:

HOR. 1:120M
VER. 1:12M