

GENERAL 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.

SAFETY NOTES:

- 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.

ASPHALT PAVEMENT:

- 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 (3/4")	100
9.5mm (3/8")	67-85
6.4mm (1/4")	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.

REFERENCE/S:

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



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DRAWN BY:	R.I.D.J.
REVIEWED BY:	
DATE:	

CHECKED BY:

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SUBMITTED BY:

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APPROVED:

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DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:

ASPHALT OVERLAY OF RUNWAY

LOCATION:

SAN JOSE AIRPORT
BRGY. SAN ROQUE, SAN JOSE,
OCCIDENTAL MINDORO

SHEET CONTENTS:
• CONSTRUCTION NOTES

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 01
	01 27



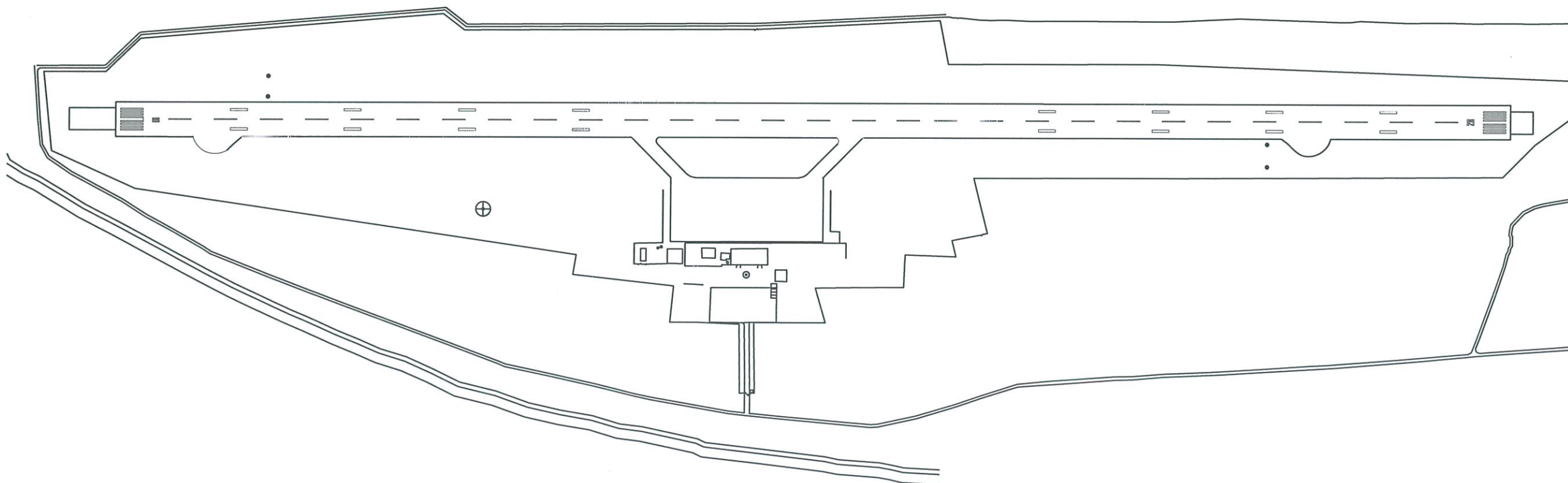
MAP OF THE PHILIPPINES



VICINITY MAP



AERIAL VIEW



01 AIRPORT LAYOUT
SCALE 1:6000 mts



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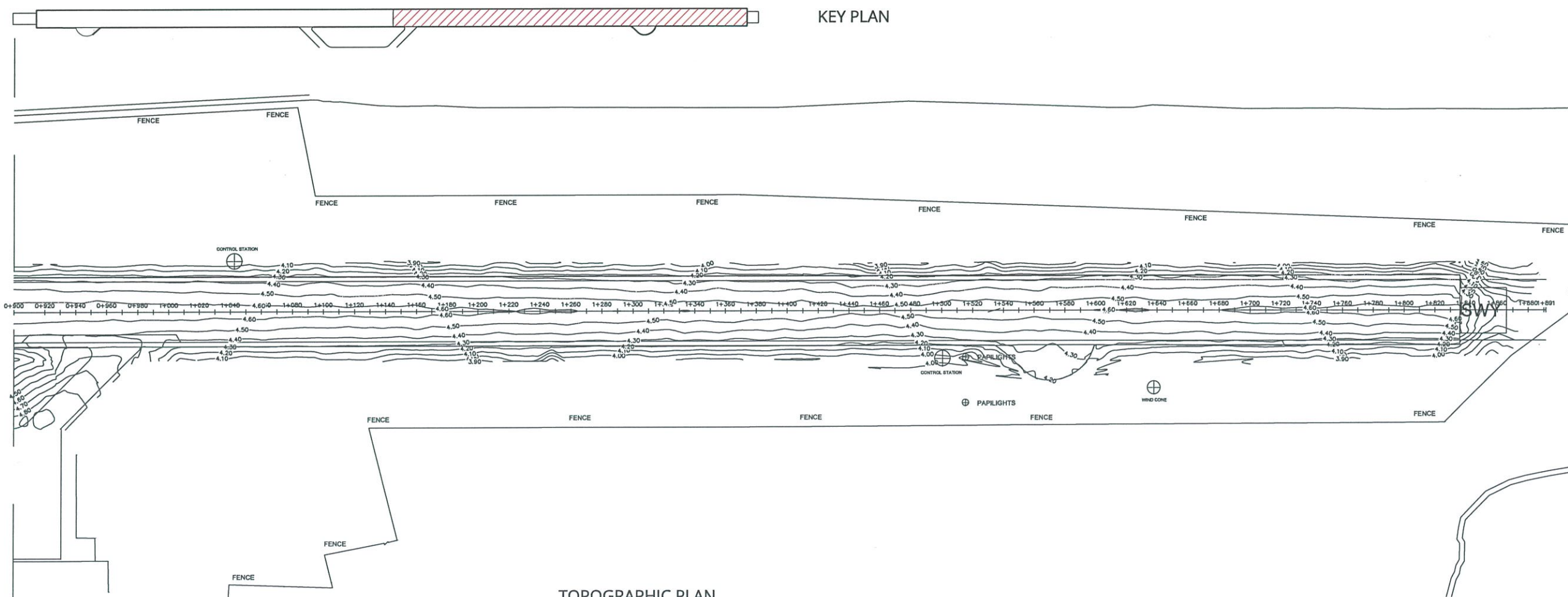
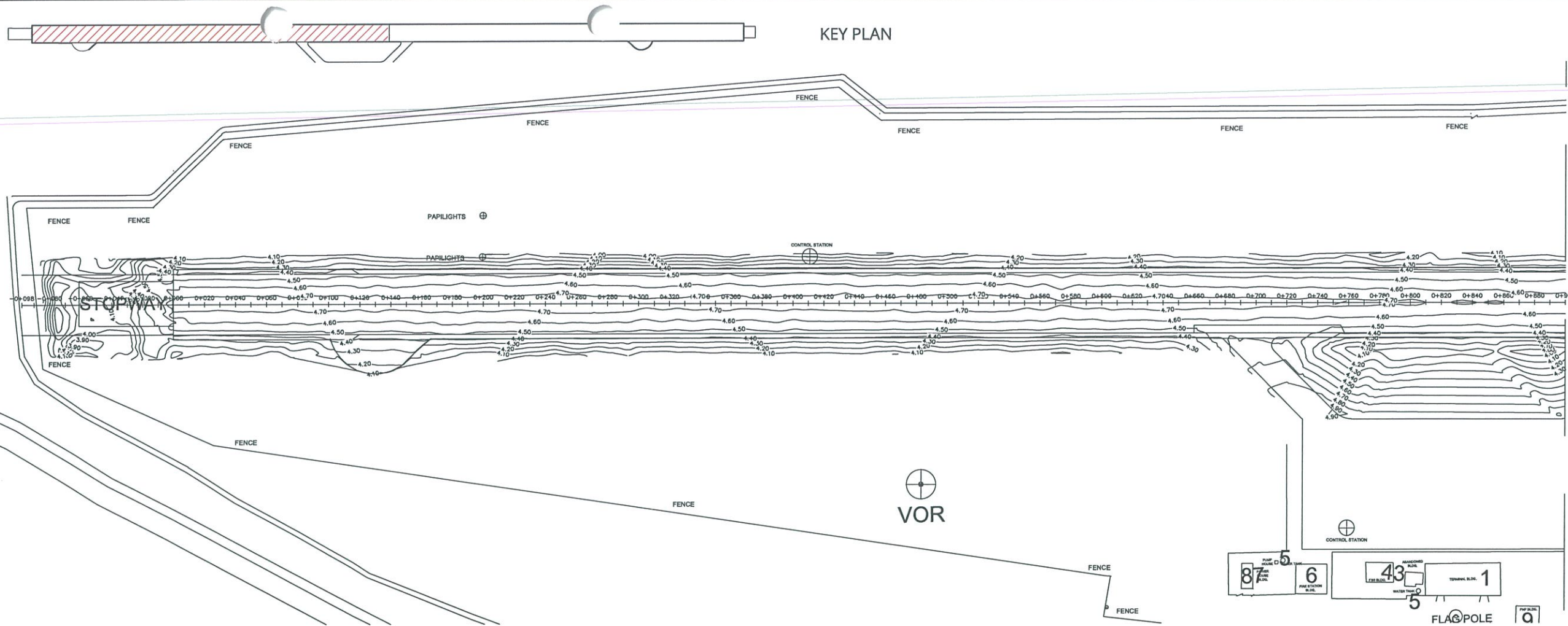
NOTE/REVISIONS:

PROJECT TITLE:
ASPHALT OVERLAY OF RUNWAY

LOCATION:
SAN JOSE AIRPORT
BRGY. SAN ROQUE, SAN JOSE,
OCCIDENTAL MINDORO

SHEET CONTENTS:
AIRPORT LAYOUT

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 02
	02 27



02
CW-3A
TOPOGRAPHIC PLAN
EXISTING RUNWAY
SCALE

1:3000 mts



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ASPHALT OVERLAY
OF RUNWAY

LOCATION:

SAN JOSE AIRPORT
BRGY. SAN ROQUE, SAN JOSE, OCCIDENTAL
MINDORO

SHEET CONTENTS:

• TOPOGRAPHIC PLAN

DRAWING SCALE:

AS SHOWN

SHEET NO.:

CW - 03 - A

03 - A

27



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OF RUNWAY

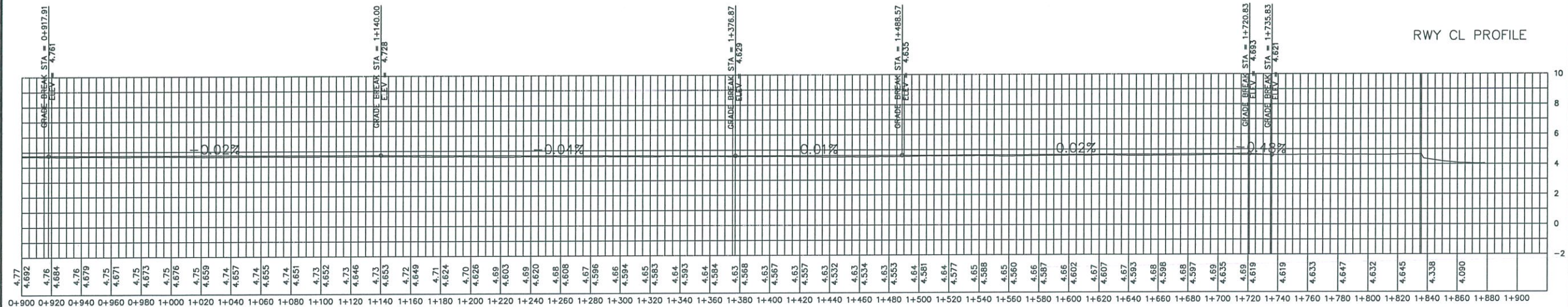
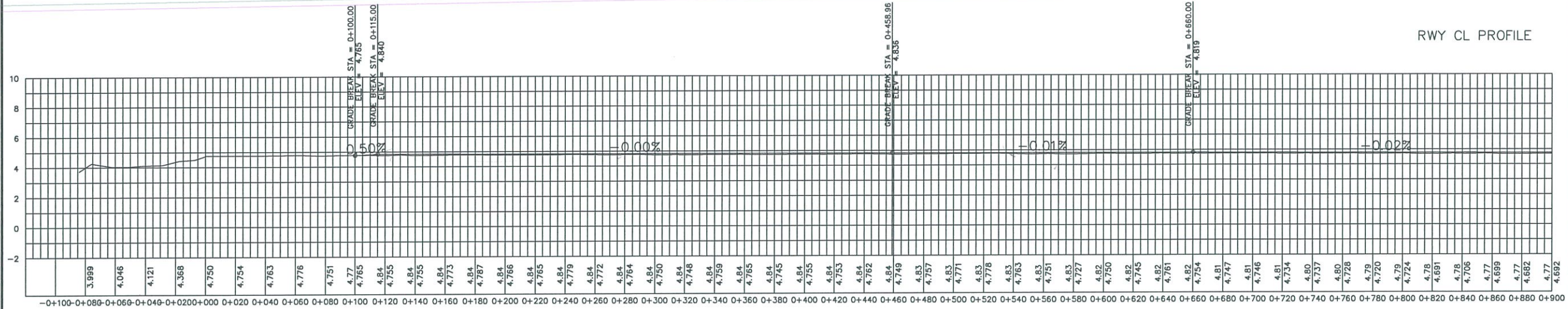
LOCATION:

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MINDORO

SHEET CONTENTS:

* RUNWAY DESIGN PROFILE

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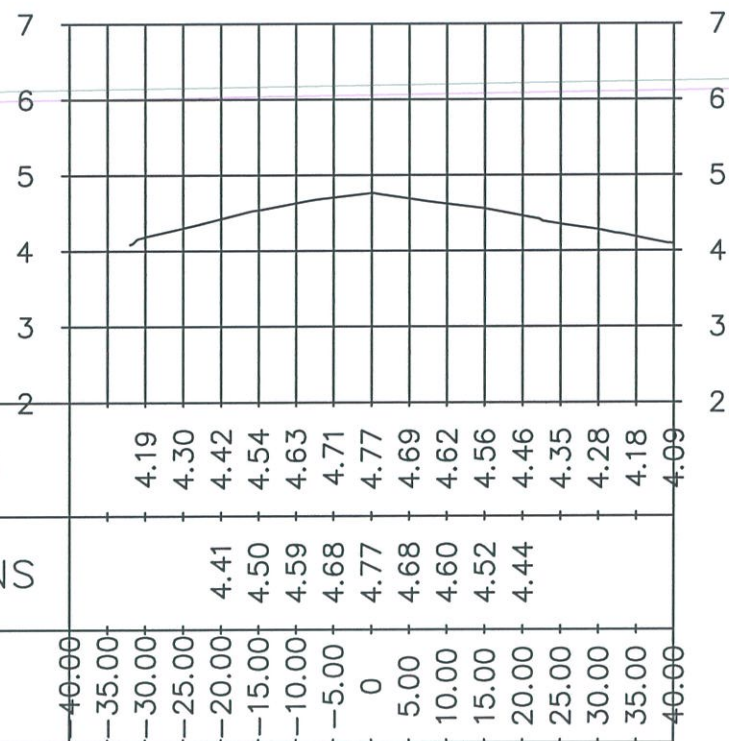


PROFILE ALONG RUNWAY CENTERLINE RUNWAY DESIGN PROFILE

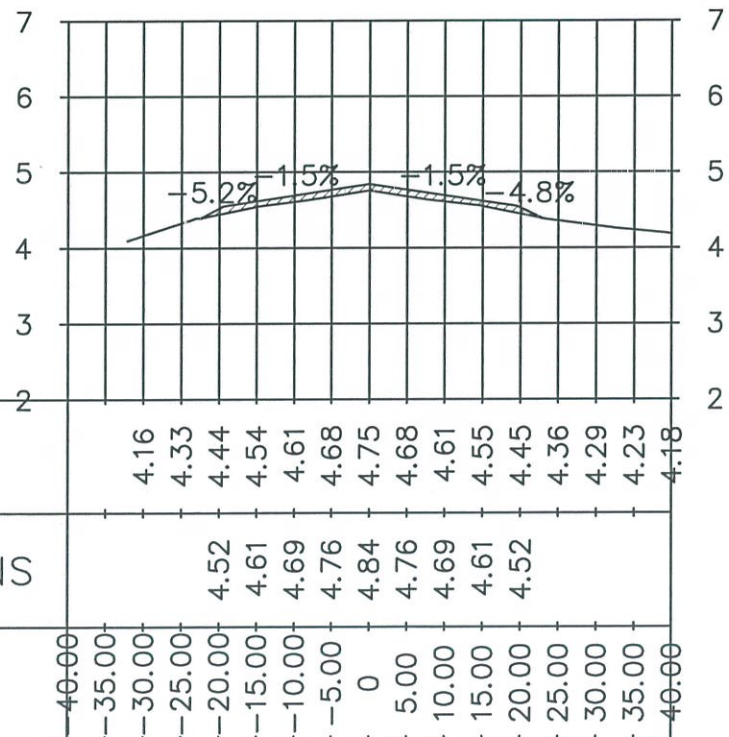


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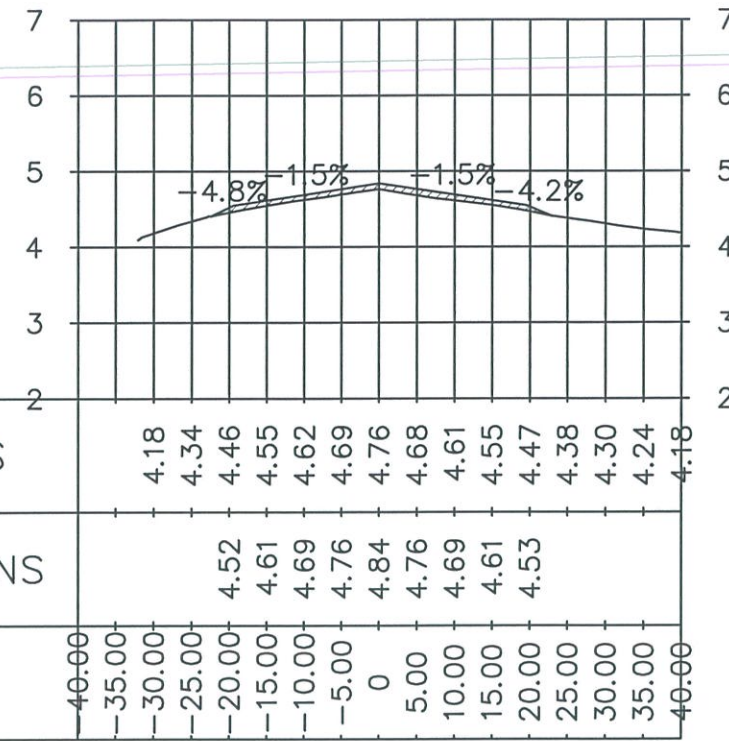
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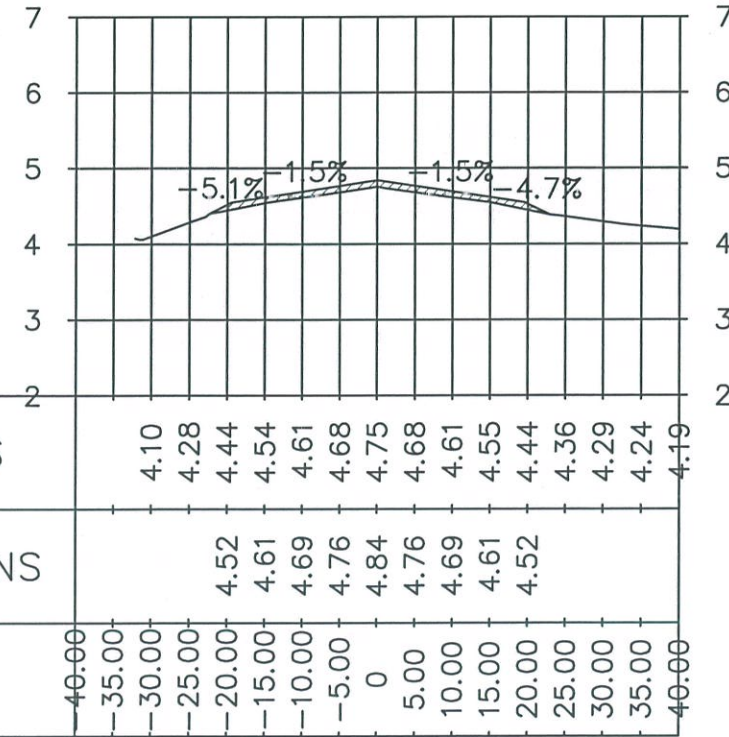
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FROM STA 0 + 100 TO STA 0 + 140
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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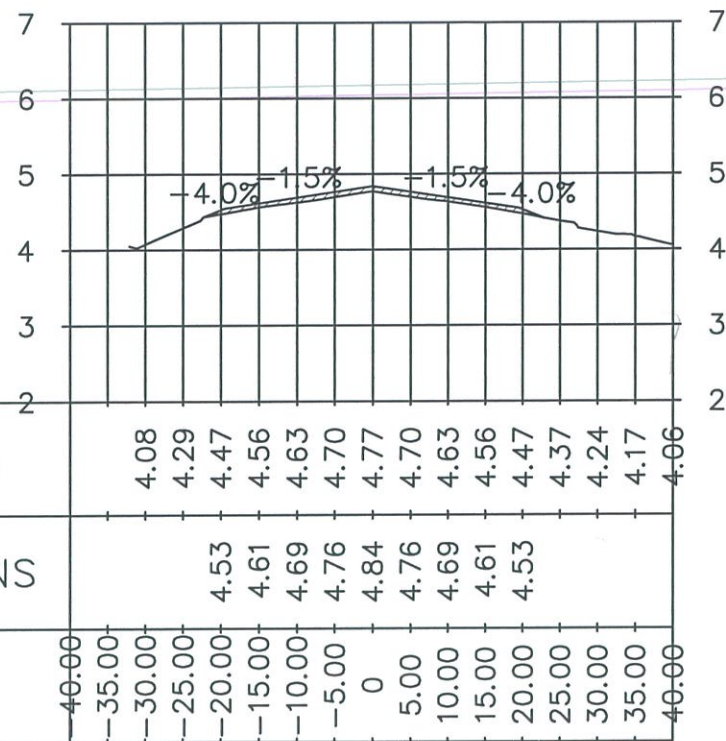
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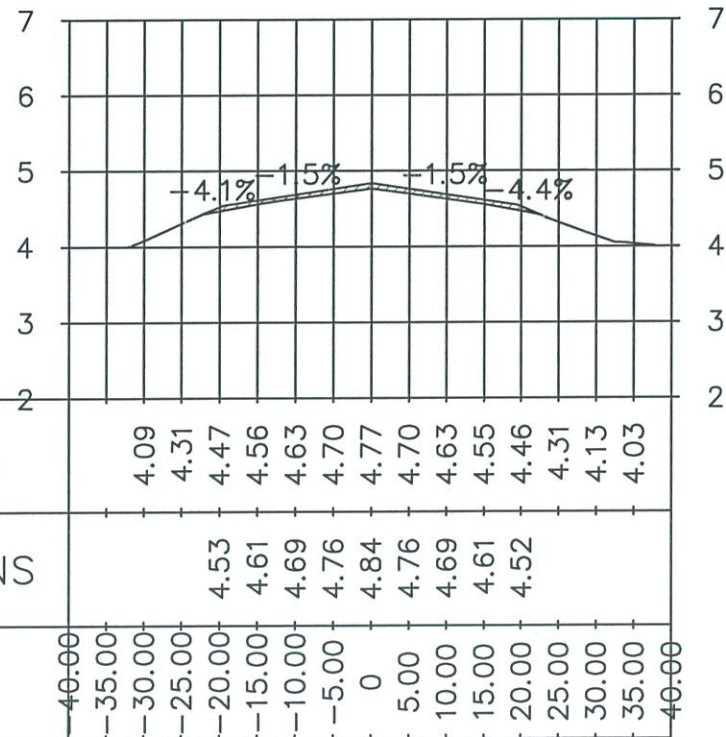
LOCATION:
 SAN JOSE AIRPORT
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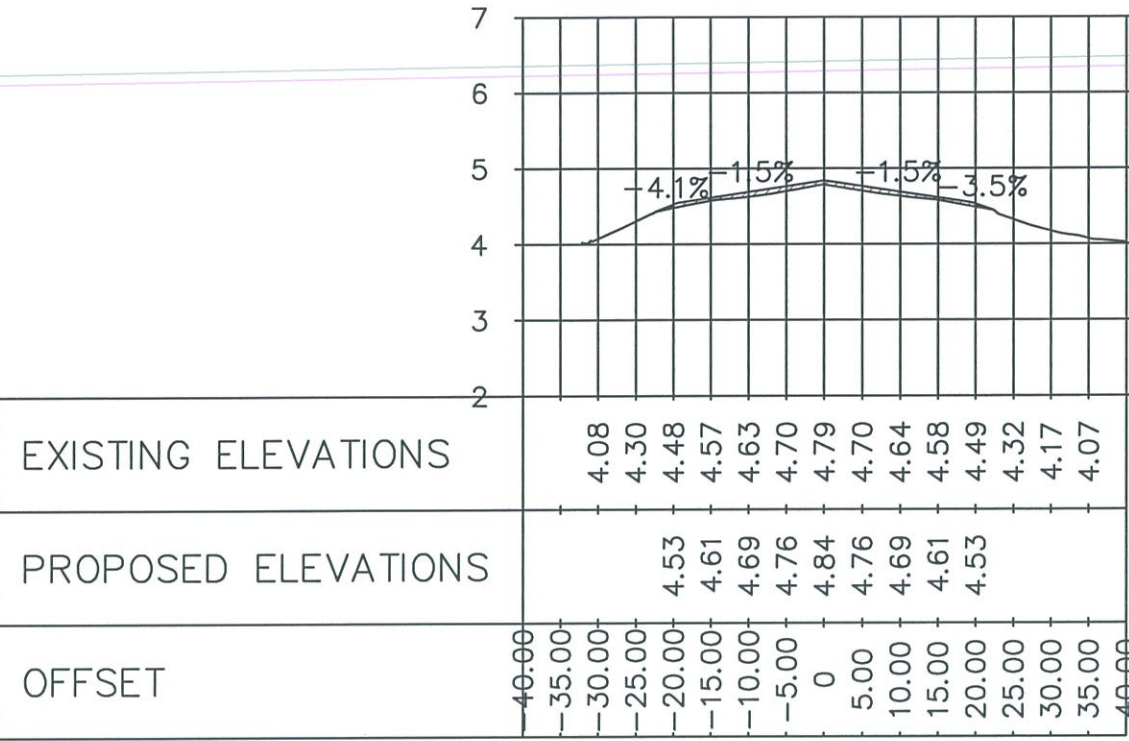
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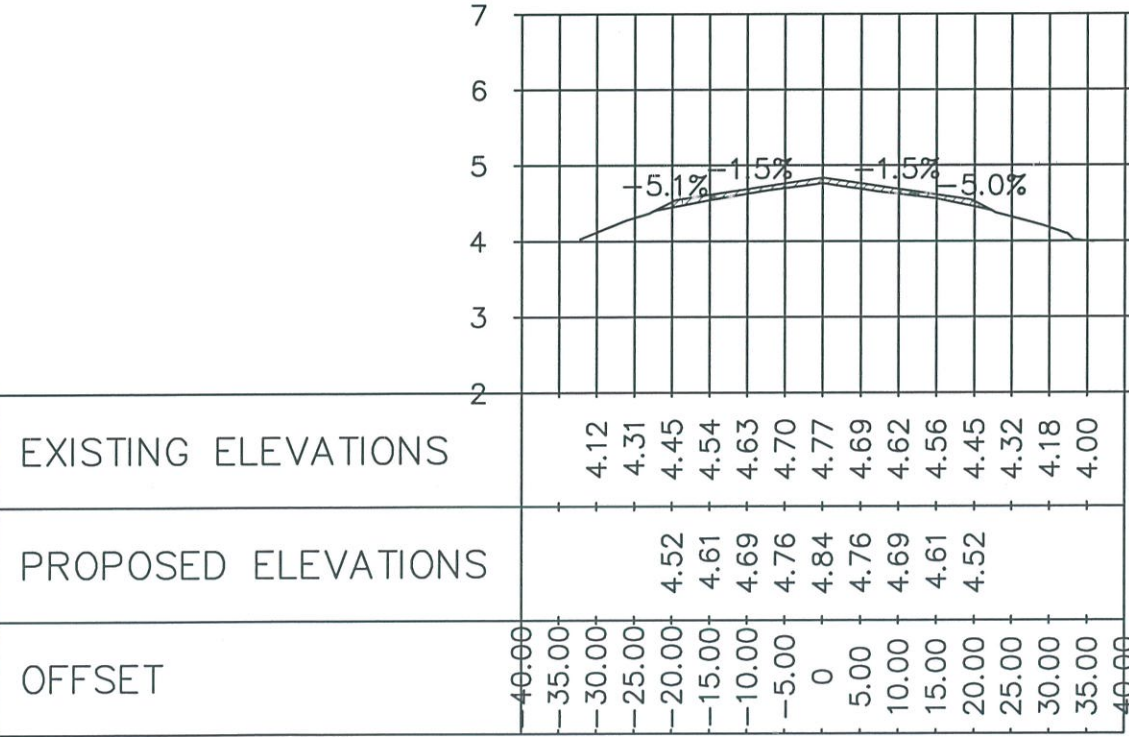
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 OF RUNWAY

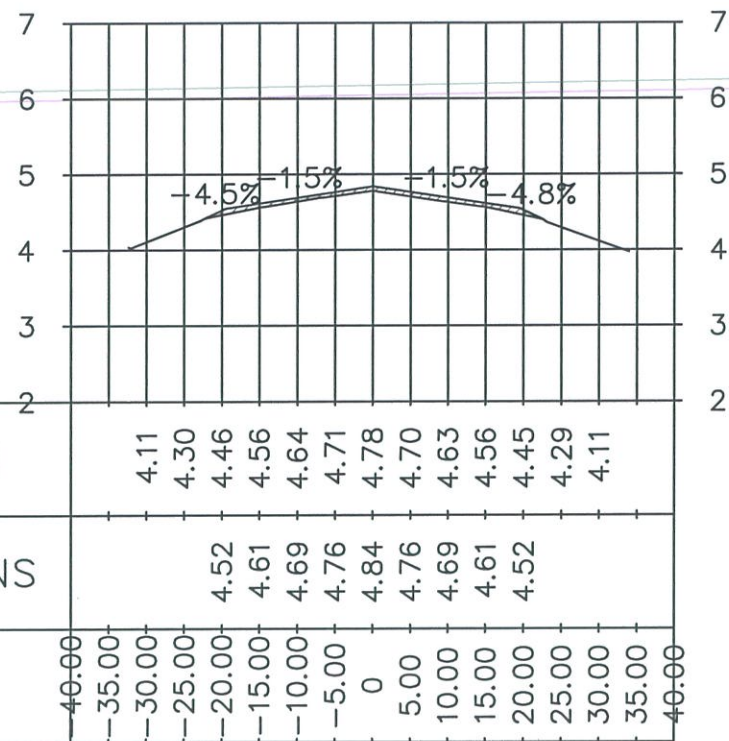
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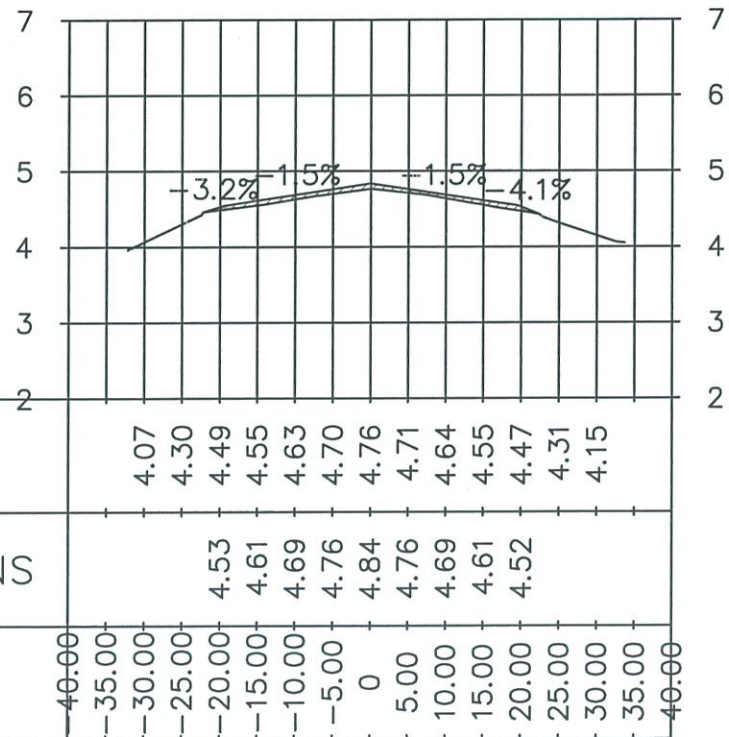
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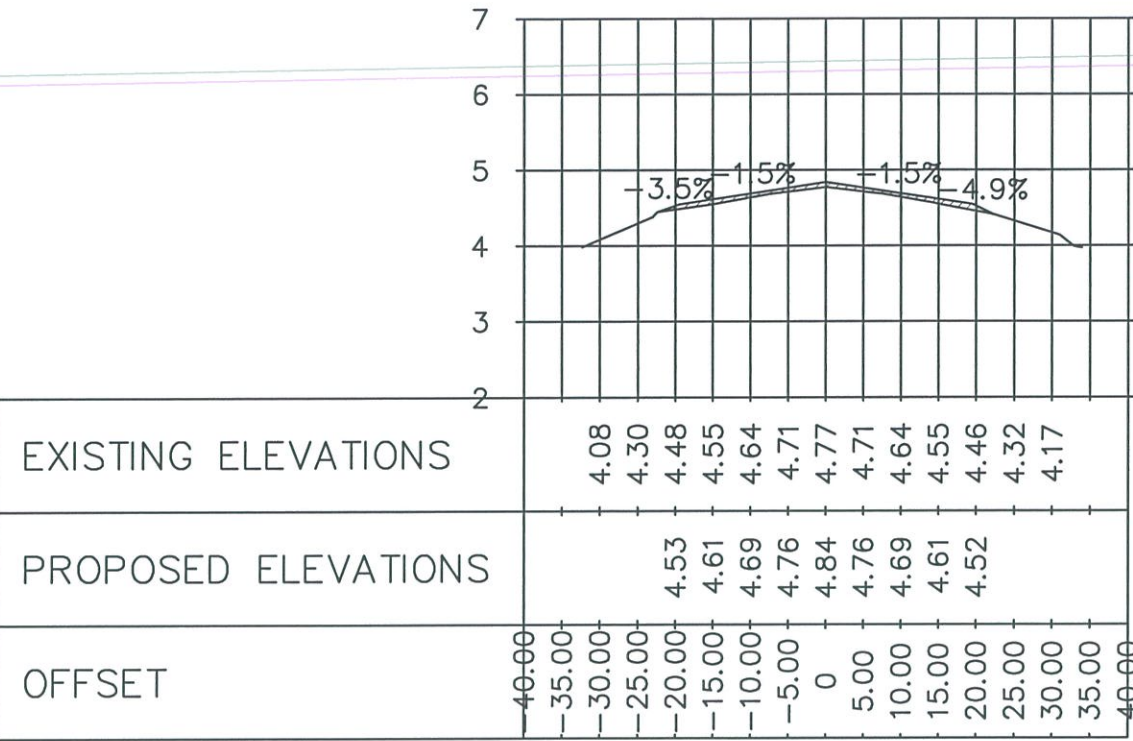
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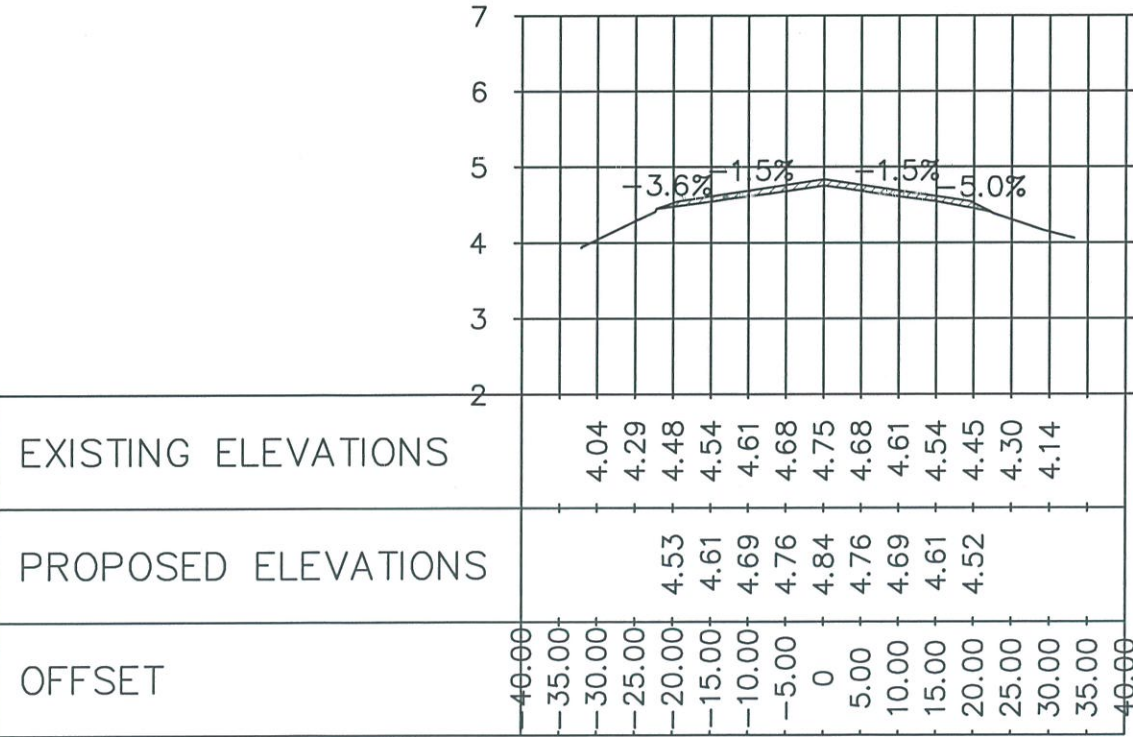
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 VERTICAL 1:100 mts



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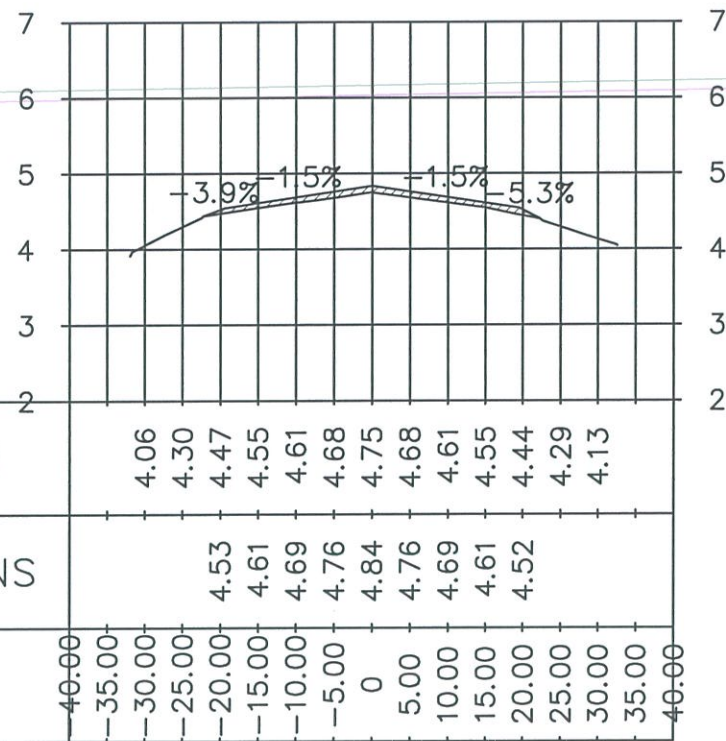
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY OF RUNWAY

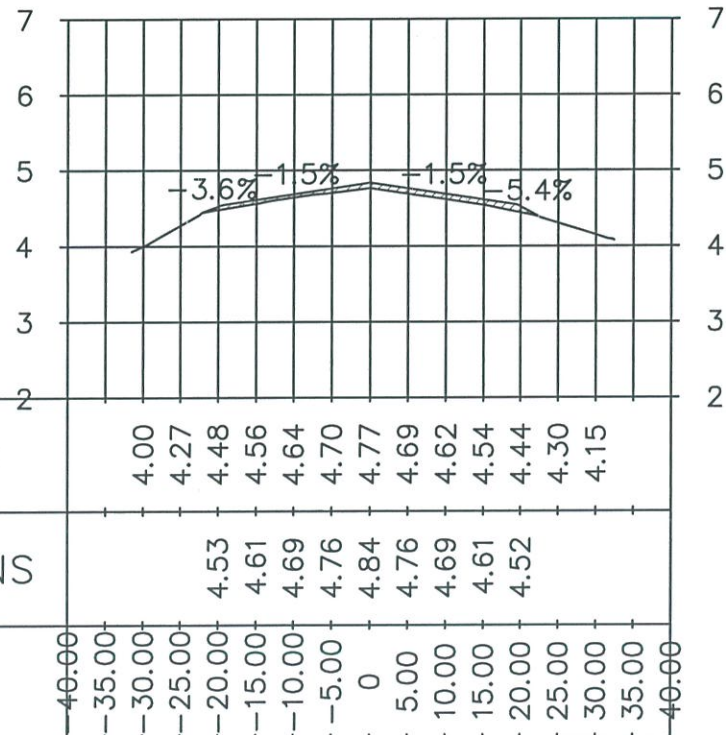
LOCATION:
 SAN JOSE AIRPORT
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SHEET CONTENTS:
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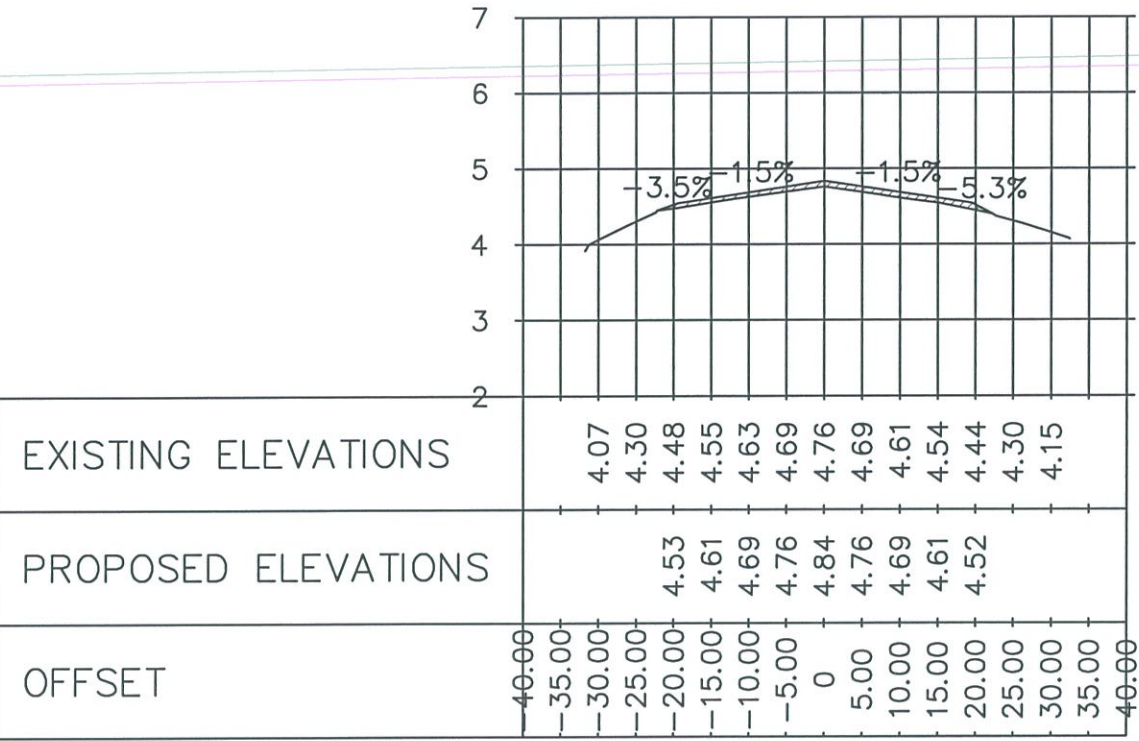
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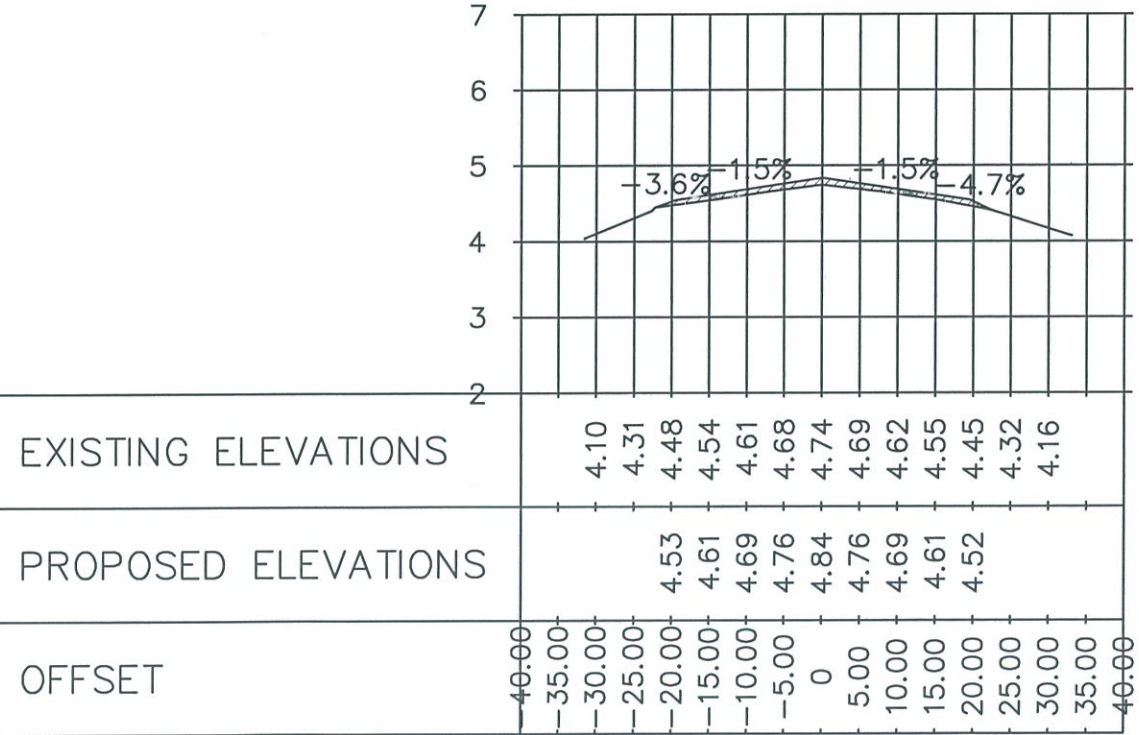
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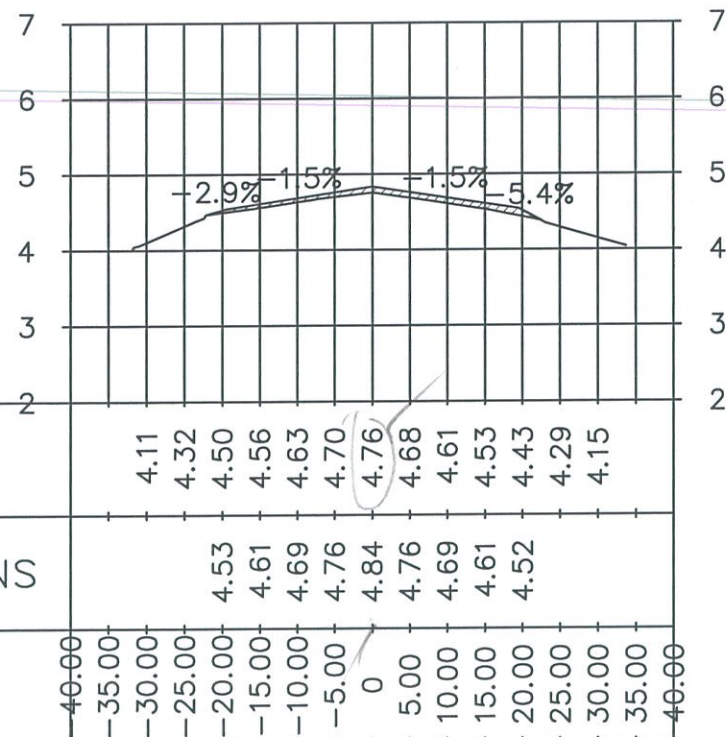
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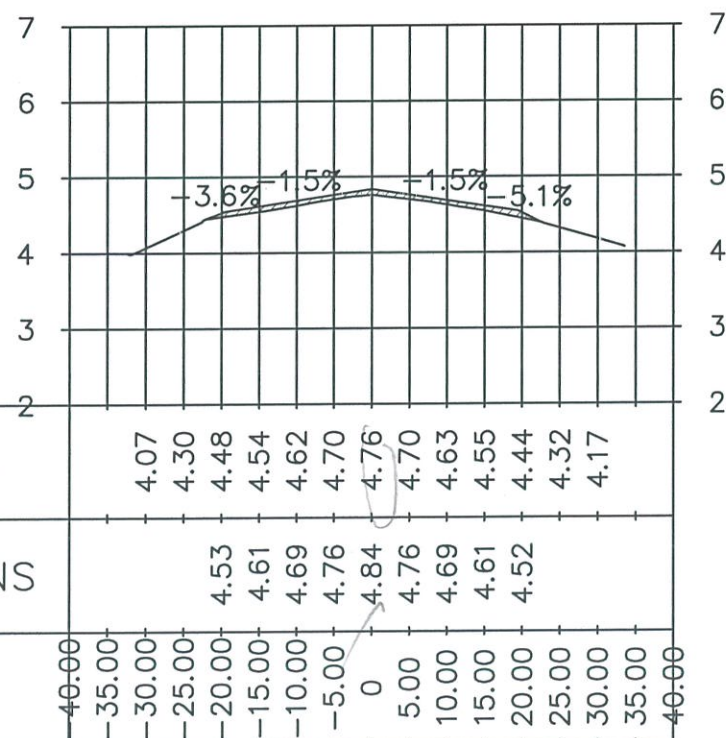
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SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 0 + 320 to STA 0 + 380)

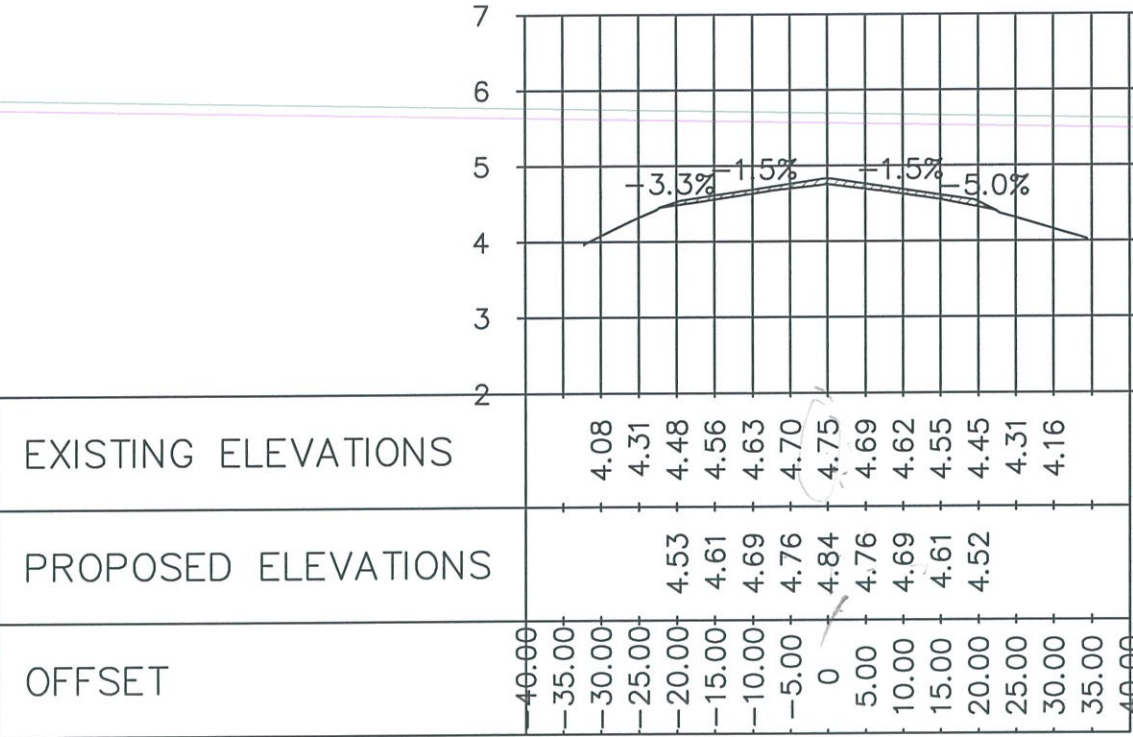
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 SHEET NO.: CW - 07
 07 27



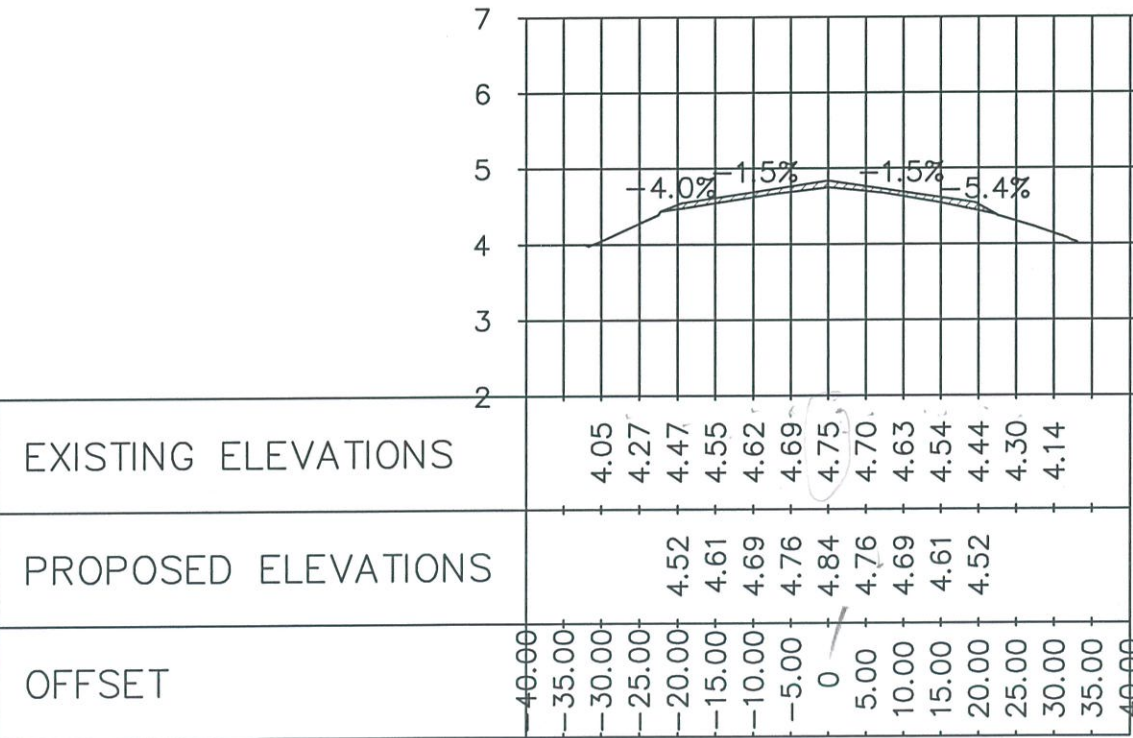
0 + 400



0 + 440



0 + 420



0 + 460

FROM STA 0 + 400 TO STA 0 + 460
 08 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: RLDJ

DRAWN BY: RLDJ

REVIEWED BY:

DATE:

CHECKED BY:

RAUL R. CRUCENA
 Division Chief III, IDDD

SUBMITTED BY:

ARNEL F. BORLADO
 Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

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

APPROVED:

LTGEN RAUL U. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:

ASPHALT OVERLAY OF RUNWAY

LOCATION:

SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:

*CROSS SECTION VIEWS
 (From STA 0 + 400 to STA 0 + 460)

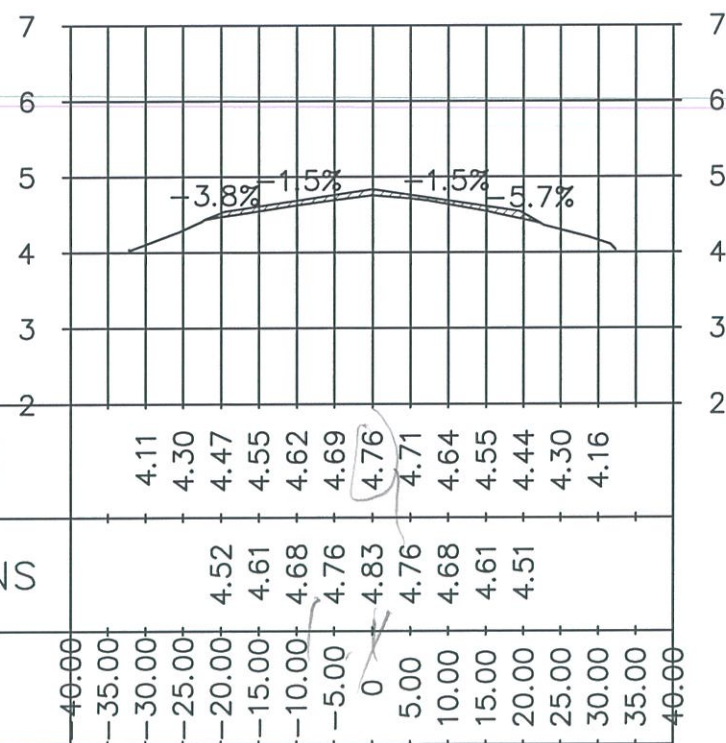
DRAWING SCALE:

AS SHOWN

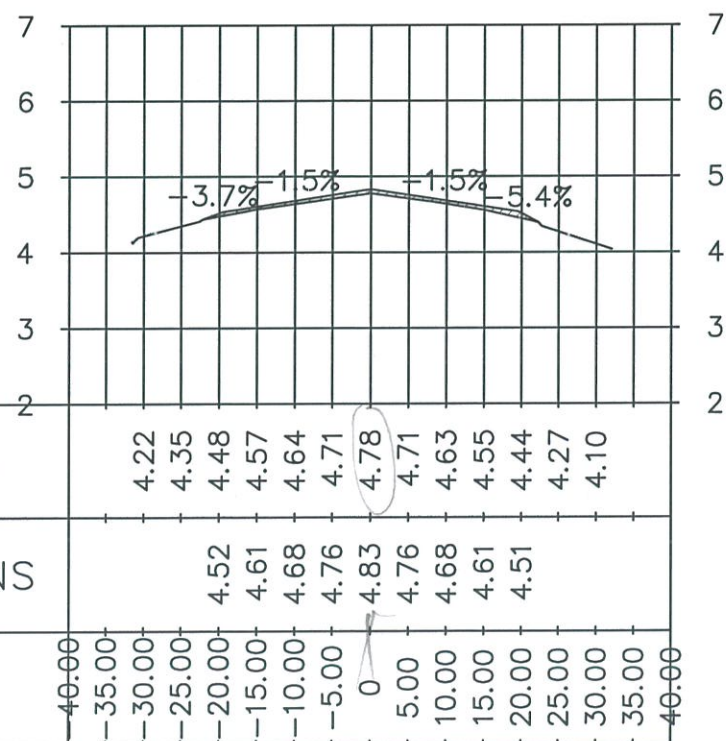
SHEET NO.:

CW - 08

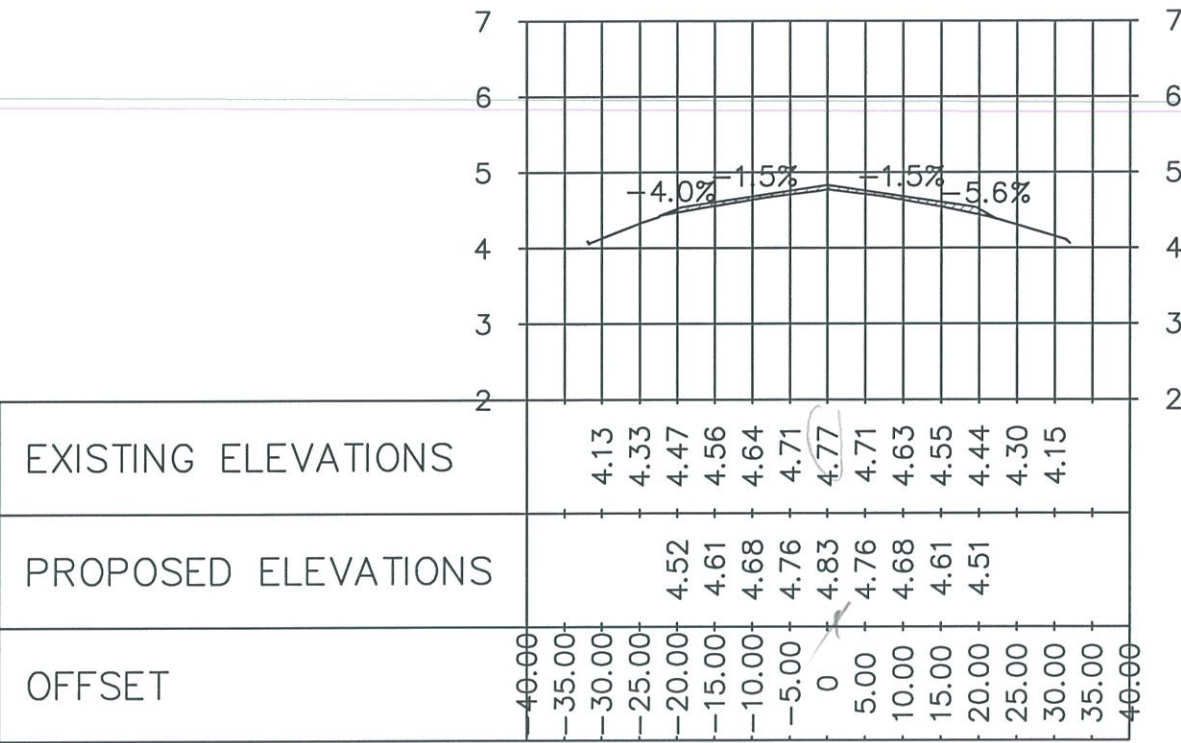
08 27



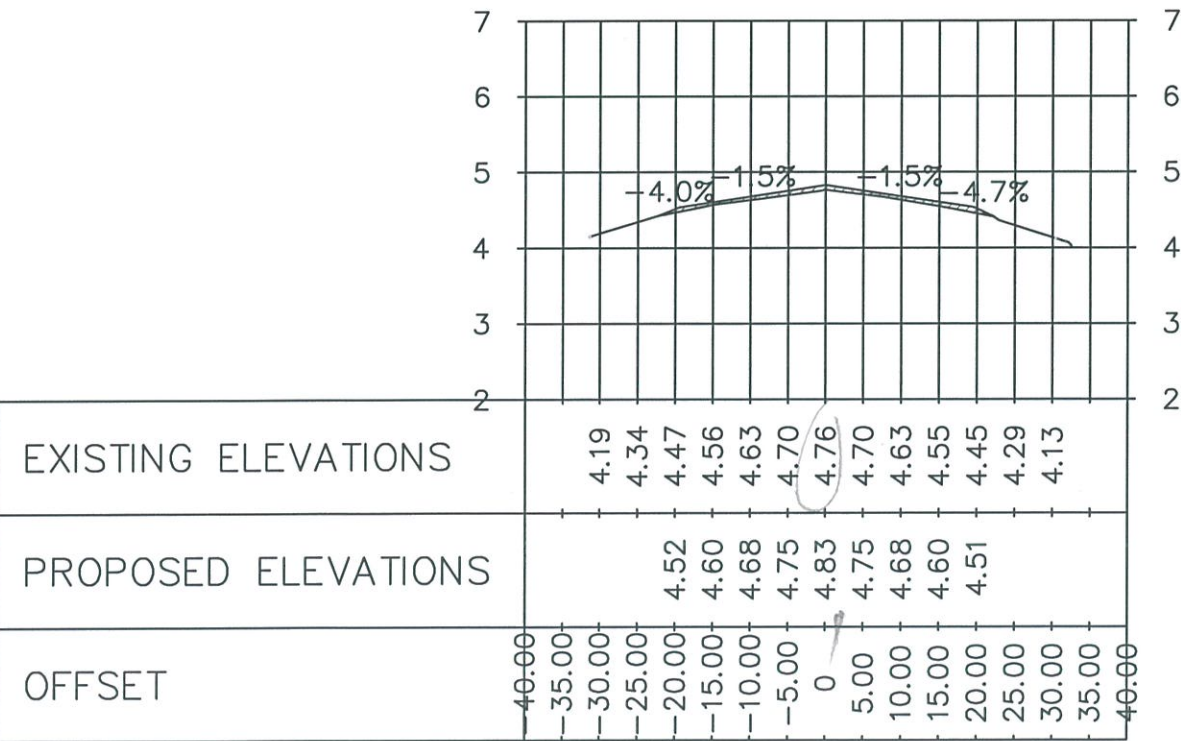
0 + 480



0 + 520



0 + 500



0 + 540



REPUBLIC OF THE PHILIPPINES
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 MIA ROAD, 1300 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF
 DESIGNED BY: RLDJ
 DRAWN BY: RLDJ
 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:
 LT GEN RAY L. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

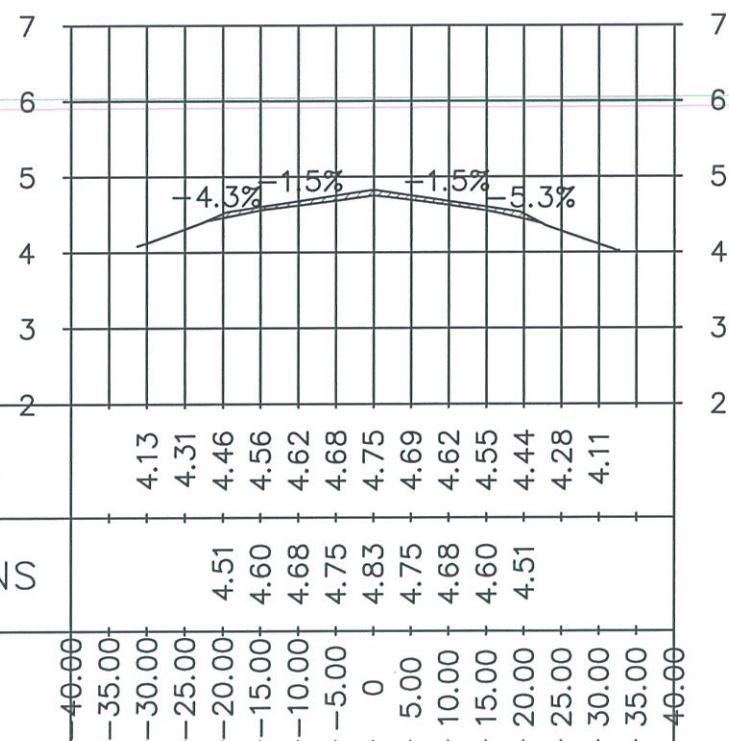
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY OF RUNWAY

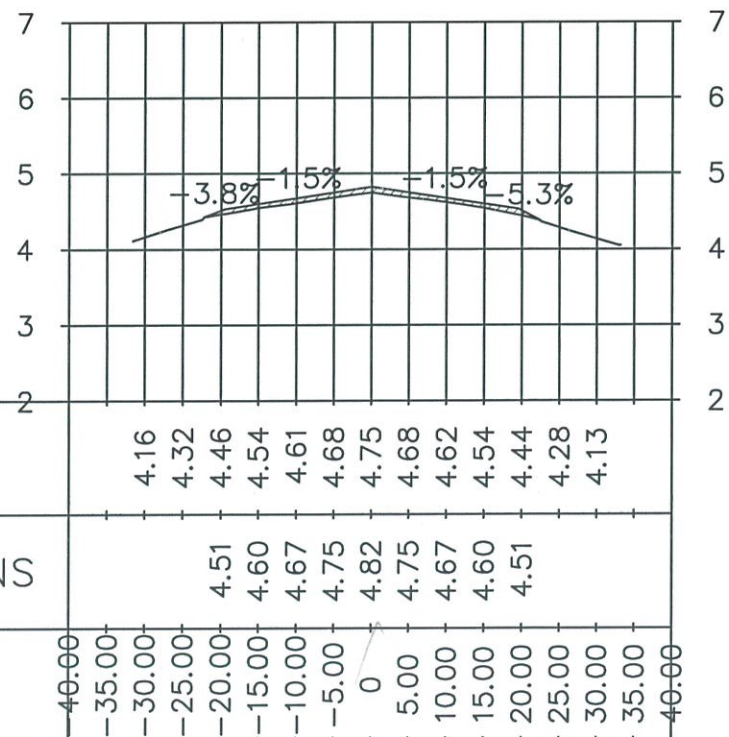
LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 0 + 480 to STA 0 + 540)

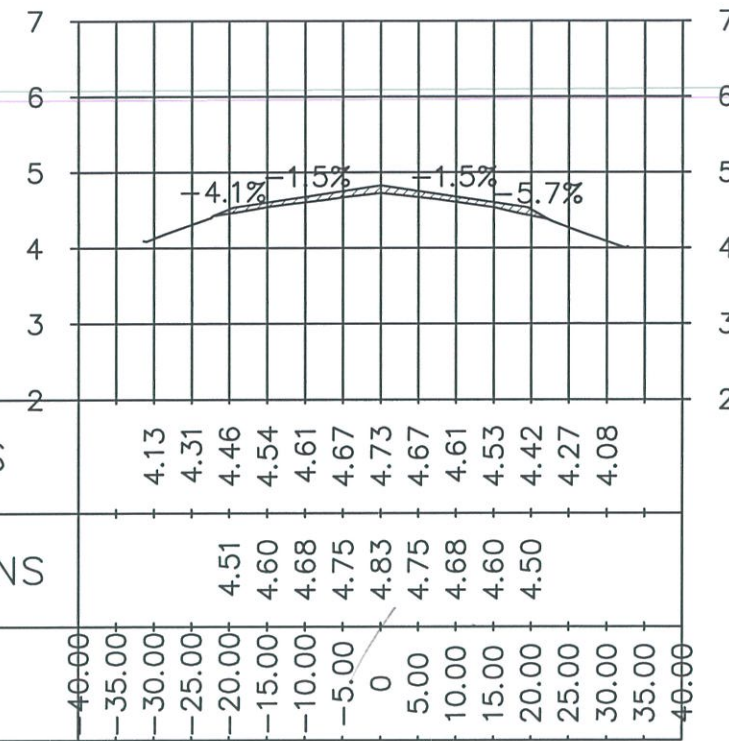
DRAWING SCALE: AS SHOWN
 SHEET NO.: CW - 09
 09 27



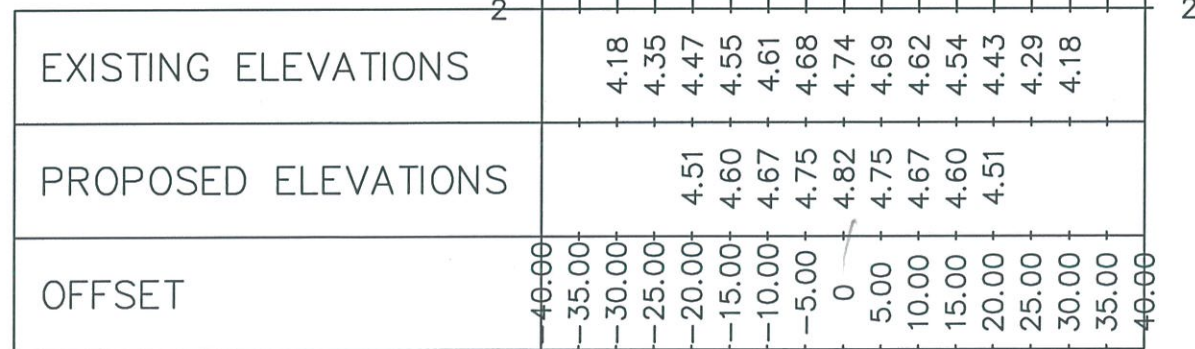
0 + 560



0 + 600



0 + 580



0 + 620

FROM STA 0 + 560 TO STA 0 + 620
 CROSS SECTION VIEWS
 HORIZONTAL SCALE 1:1000 mts
 VERTICAL SCALE 1:100 mts



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF
 DESIGNED BY: RLDJ
 DRAWN BY: RLDJ
 REVIEWED BY:
 DATE:

CHECKED BY:
 RAUL R. CRUCENA
 Division Chief III, IDDD

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

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

APPROVED:
 LT GEN RAUL I. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY OF RUNWAY

LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE, OCCIDENTAL MINDORO

SHEET CONTENTS:
 * CROSS SECTION VIEWS
 (From STA 0 + 560 to STA 0 + 620)

DRAWING SCALE: AS SHOWN
 SHEET NO.: CW - 10
 10 27



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MIA ROAD, 1300 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF INITIAL/DATE

DESIGNED BY: RLDJ
DRAWN BY: RLDJ
REVIEWED BY:

DATE:

CHECKED BY:

RAUL R. CRUCENA
Division Chief III, IDDD

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III,
AED-ADMS

RECOMMEND APPROVAL:

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

APPROVED:

LTGEN RAUL V. DEL ROSARIO
ARP (RET)
DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:

ASPHALT OVERLAY
OF RUNWAY

LOCATION:

SAN JOSE AIRPORT
BRGY. SAN ROQUE, SAN JOSE,
OCCIDENTAL MINDORO

SHEET CONTENTS:

*CROSS SECTION VIEWS
(From STA 0 + 640 to STA 0 + 700)

DRAWING SCALE: SHEET NO.:

AS SHOWN 11 27

EXISTING ELEVATIONS

4.22
4.34
4.47
4.54
4.61
4.69
4.76
4.70
4.63
4.55
4.44
4.30
4.19

PROPOSED ELEVATIONS

4.51
4.60
4.67
4.75
4.82
4.75
4.67
4.60
4.50

OFFSET

40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00

0 + 640

EXISTING ELEVATIONS

4.19
4.33
4.45
4.52
4.60
4.68
4.75
4.68
4.62
4.55
4.56
4.58
4.54

PROPOSED ELEVATIONS

4.50
4.59
4.66
4.74
4.81
4.74
4.66
4.60
4.58

OFFSET

40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00

0 + 680

EXISTING ELEVATIONS

4.18
4.34
4.47
4.54
4.61
4.68
4.75
4.69
4.61
4.53
4.44
4.35
4.29

PROPOSED ELEVATIONS

4.51
4.59
4.67
4.74
4.82
4.74
4.67
4.59
4.50

OFFSET

40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00

0 + 660

EXISTING ELEVATIONS

4.13
4.30
4.45
4.53
4.60
4.67
4.75
4.67
4.61
4.54
4.57
4.61
4.65
4.68
4.70

PROPOSED ELEVATIONS

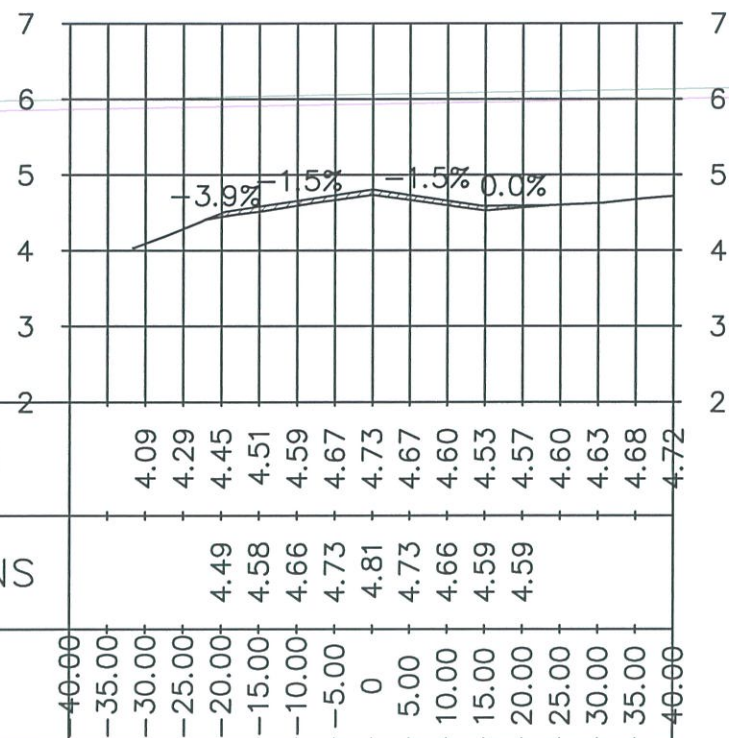
4.50
4.59
4.66
4.74
4.81
4.74
4.66
4.59
4.59

OFFSET

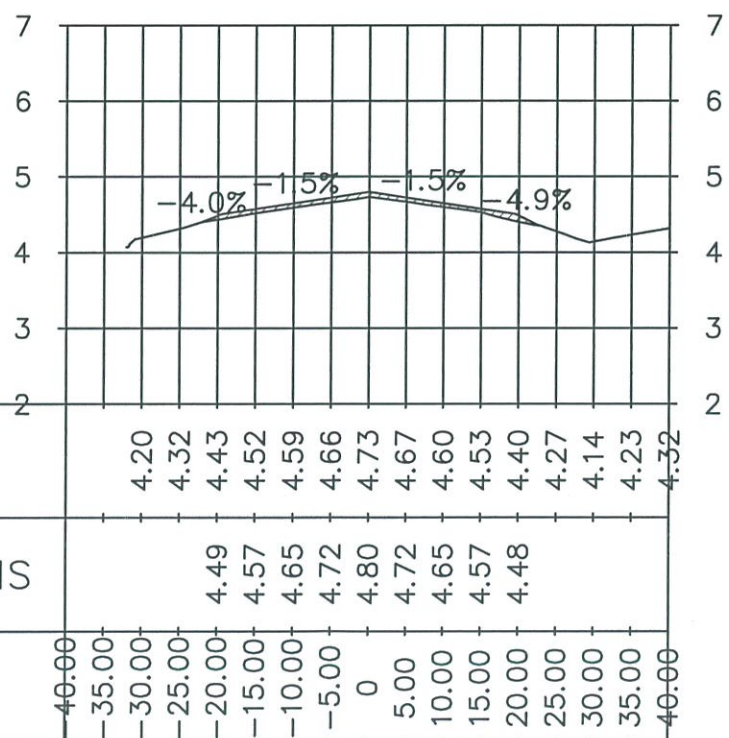
40.00
35.00
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25.00
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10.00
15.00
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25.00
30.00
35.00
40.00

0 + 700

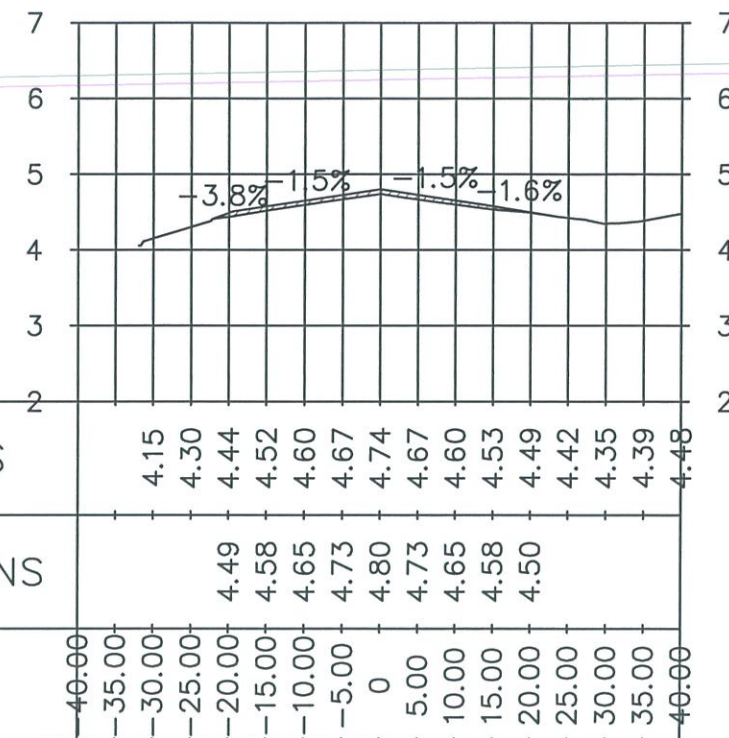
FROM STA 0 + 640 TO STA 0 + 700
CROSS SECTION VIEWS
SCALE
HORIZONTAL 1:1000 mts
VERTICAL 1:100 mts



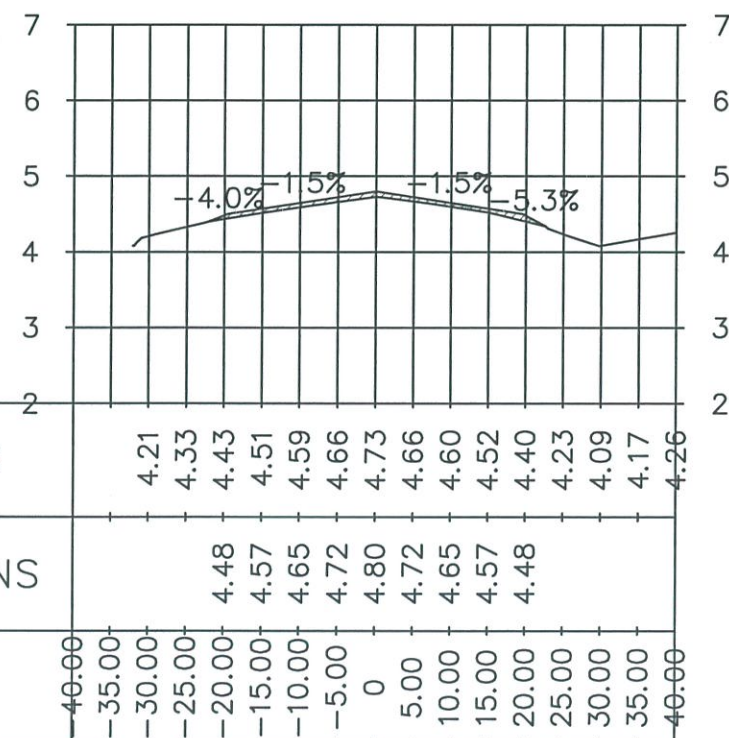
0 + 720



0 + 755



0 + 740



0 + 760

FROM STA 0 + 720 TO STA 0 + 760
 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: RLDJ	
DRAWN BY: RLDJ	
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:

LIGEN RAUL U. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:

ASPHALT OVERLAY OF RUNWAY

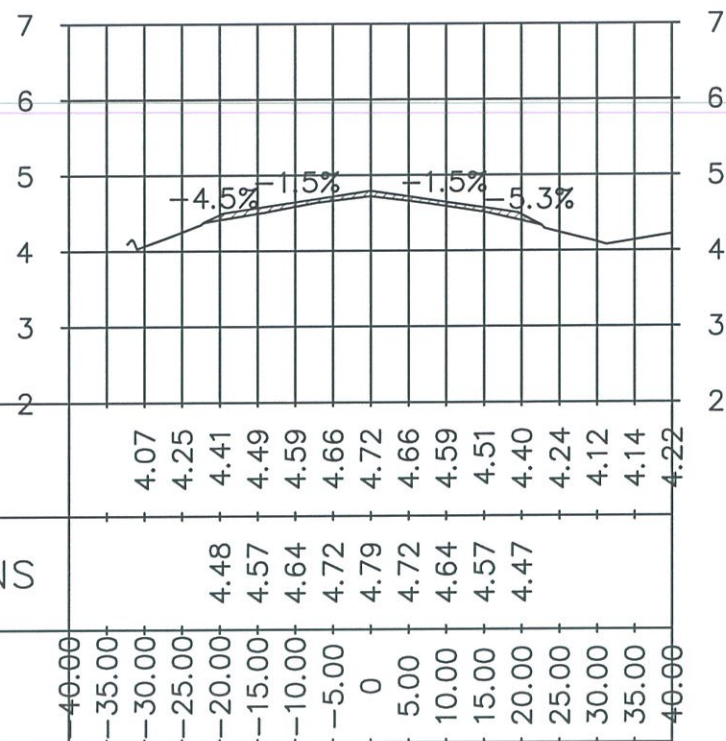
LOCATION:

SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

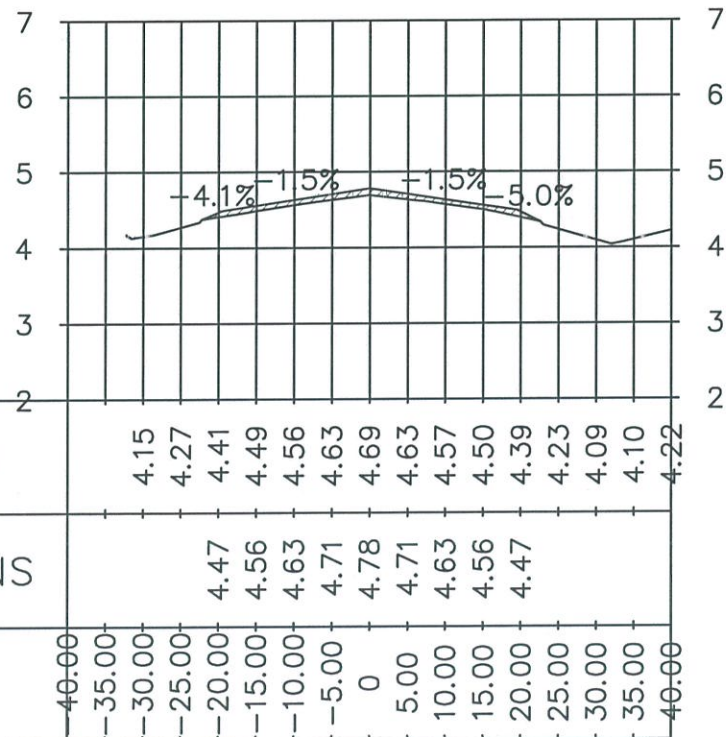
SHEET CONTENTS:

*CROSS SECTION VIEWS
 (From STA 0 + 720 to STA 0 + 760)

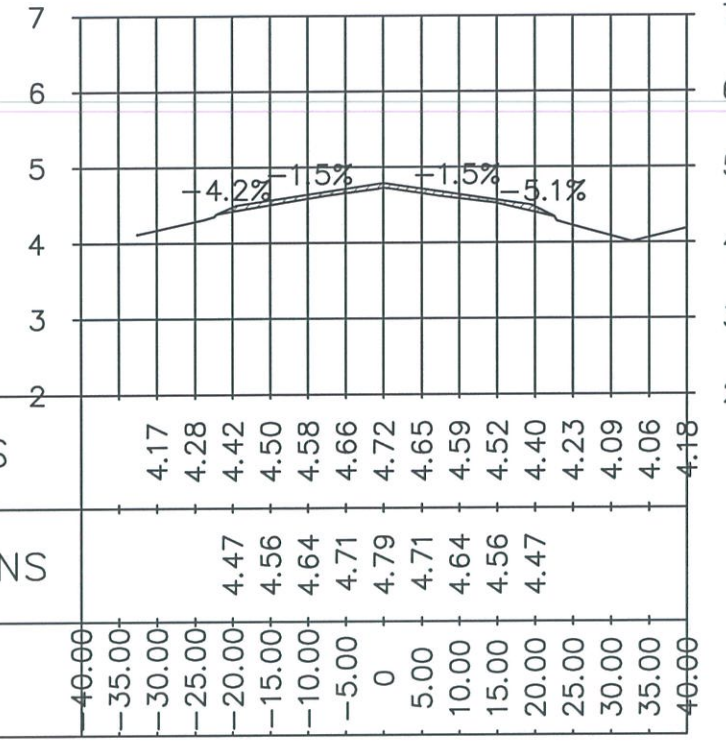
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AS SHOWN	CW - 12
	12 27



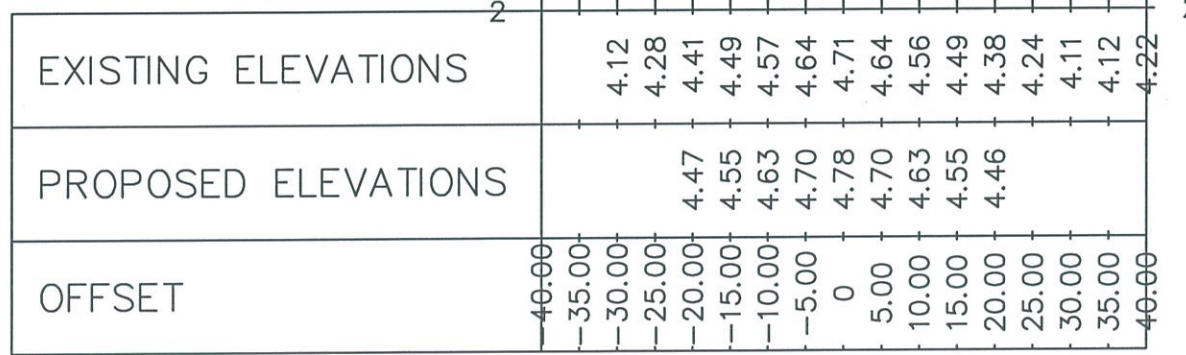
0 + 780



0 + 820



0 + 800



0 + 840

FROM STA 0 + 780 TO STA 0 + 840
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
 DESIGNED BY: RLDJ
 DRAWN BY: RLDJ
 REVIEWED BY: RLDJ

DATE:
 CHECKED BY:

RAUL R. CRUCENA
 Division Chief III, IDDD

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

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

APPROVED:
 LTGEN RAUL L. DEL ROSARIO,
 AFP (RET)
 DIRECTOR GENERAL

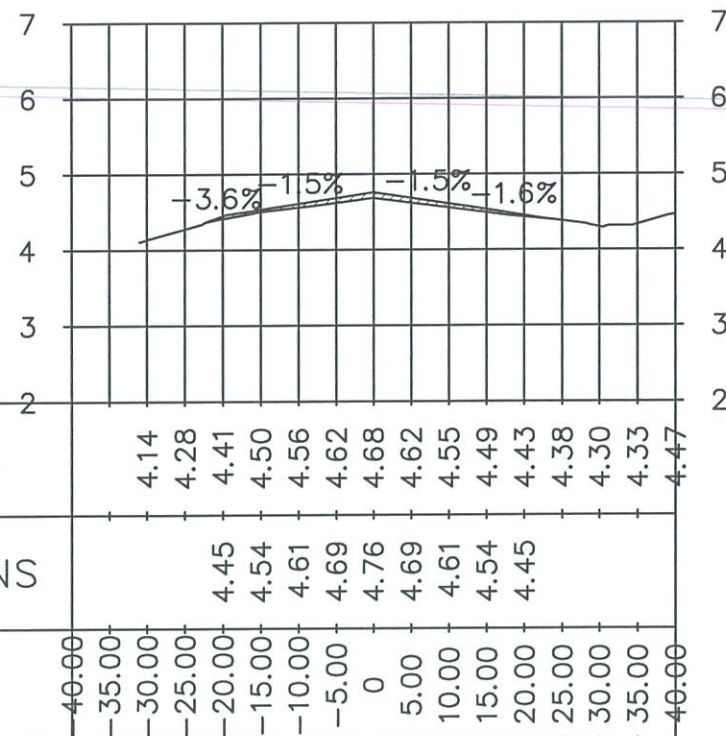
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY
 OF RUNWAY

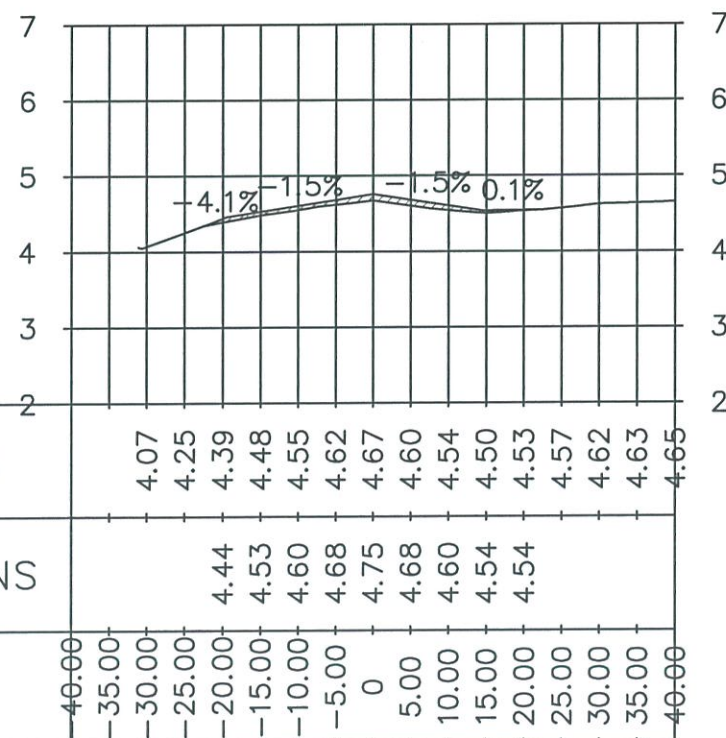
LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 0 + 780 to STA 0 + 840)

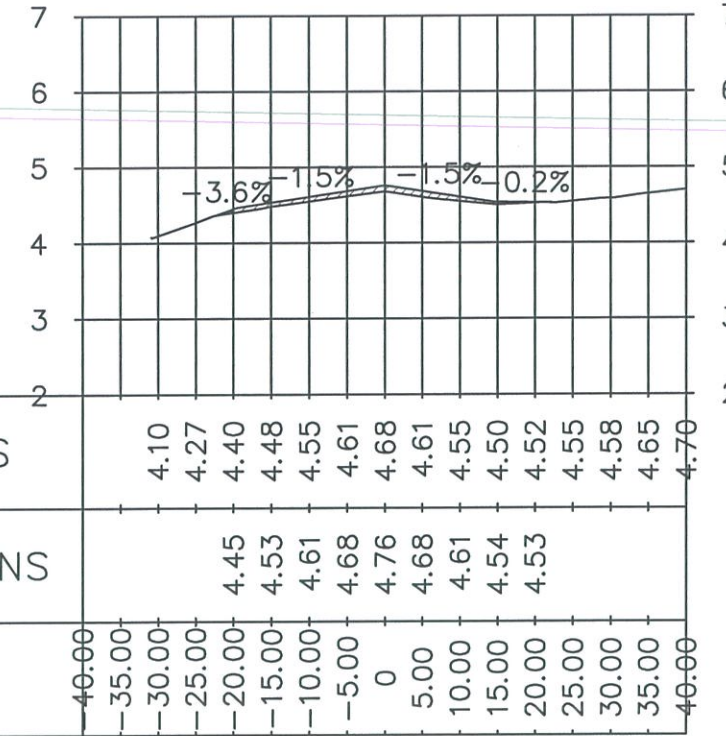
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 SHEET NO.: CW - 13
 13 27



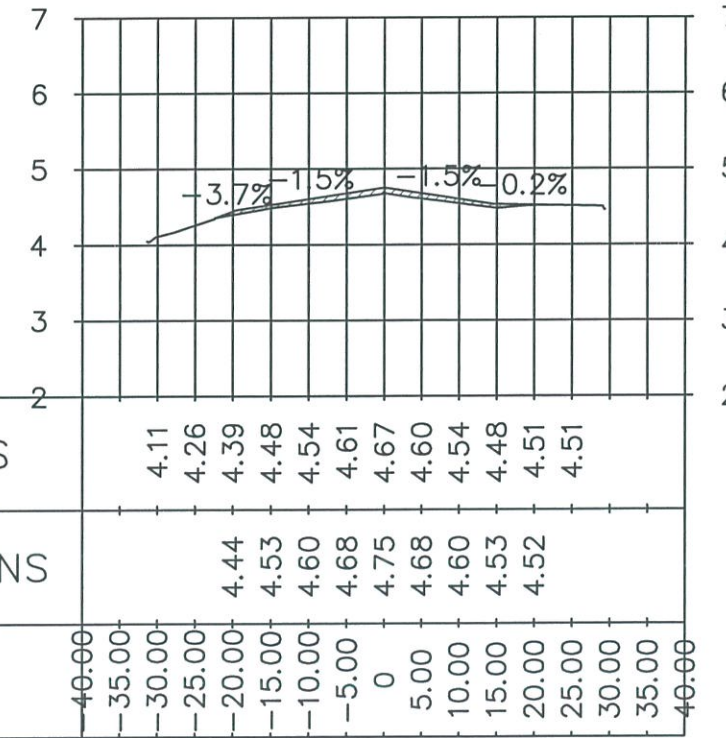
0 + 920



0 + 960



0 + 940



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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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF
 DESIGNED BY: RLDJ
 DRAWN BY: RLDJ
 REVIEWED BY:

DATE:
 CHECKED BY:
 BY:

RAUL R. CRUCENA
 Division Chief III, IDDD

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

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

APPROVED:
 LTGEN RAUL L. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

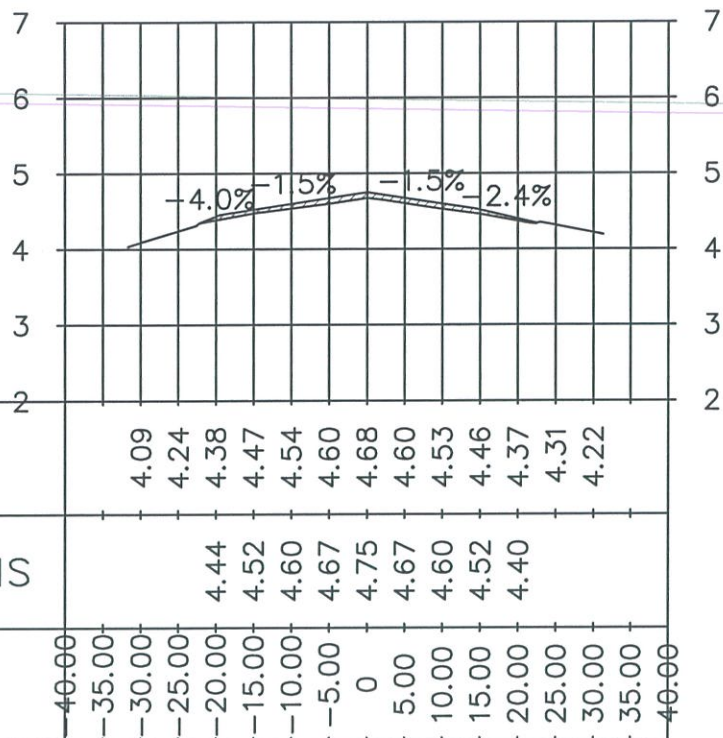
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY
 OF RUNWAY

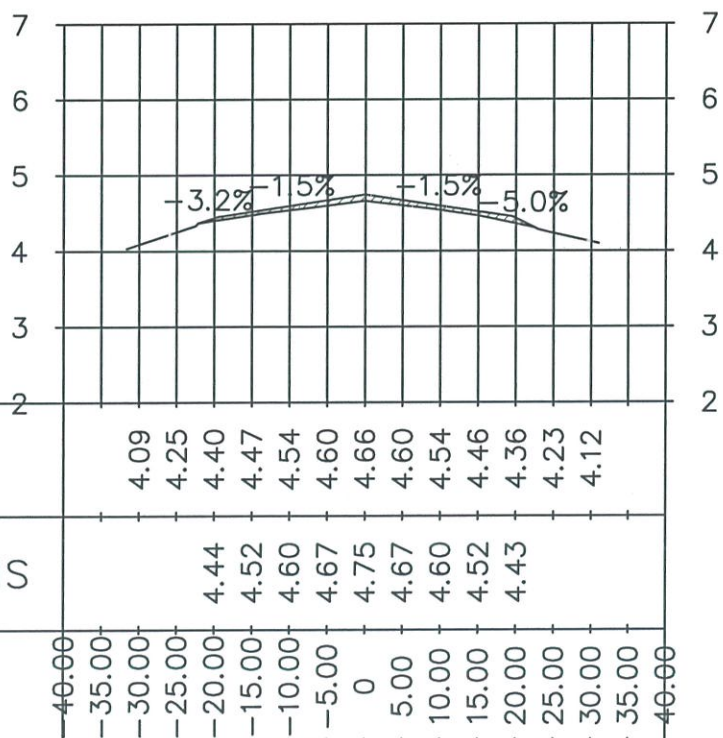
LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 0 + 920 to STA 0 + 980)

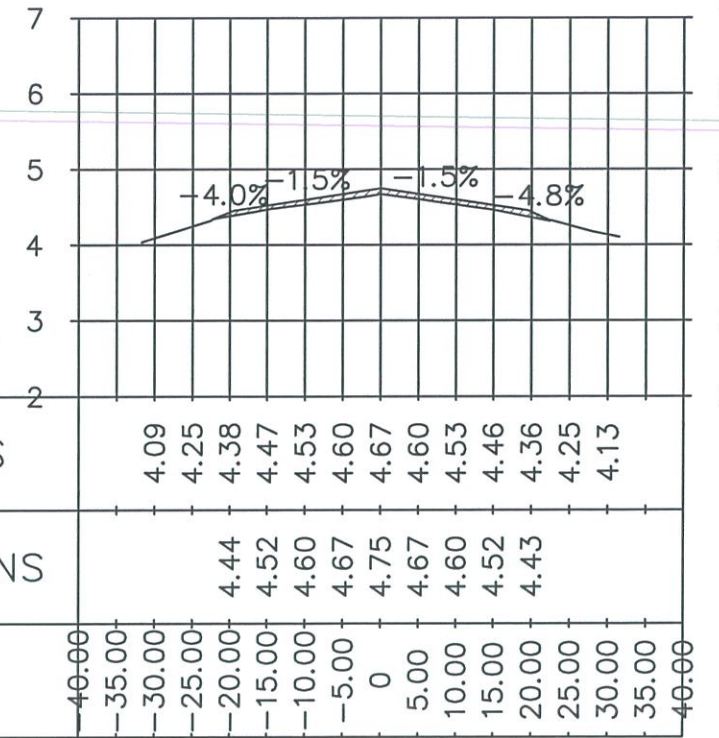
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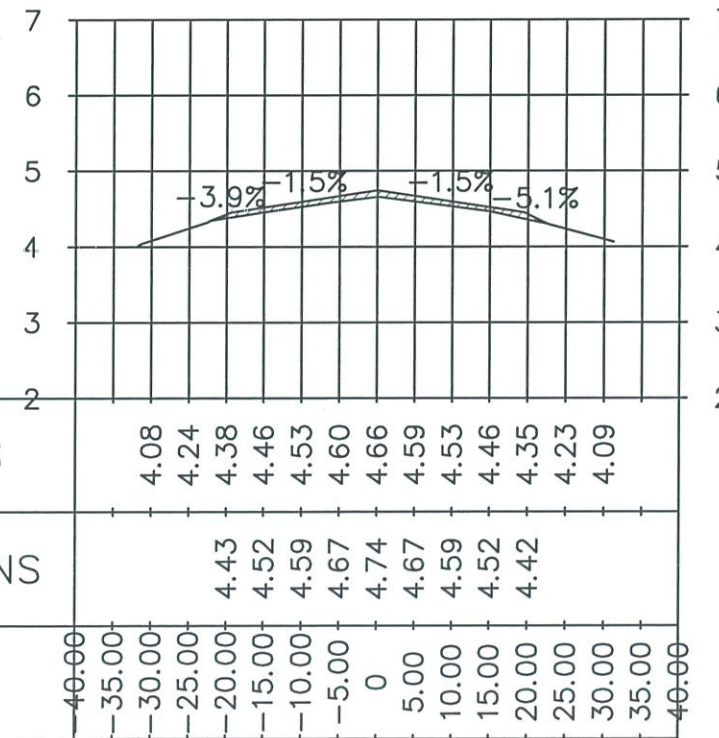
1 + 000



1 + 020



1 + 005



1 + 040



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF INITIAL/DATE

DESIGNED BY: R.J.D.J.

DRAWN BY: R.J.D.J.

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:

LT GEN RAUL U. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:

ASPHALT OVERLAY OF RUNWAY

LOCATION:

SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:

*CROSS SECTION VIEWS
 (From STA 1 + 000 to STA 1 + 040)

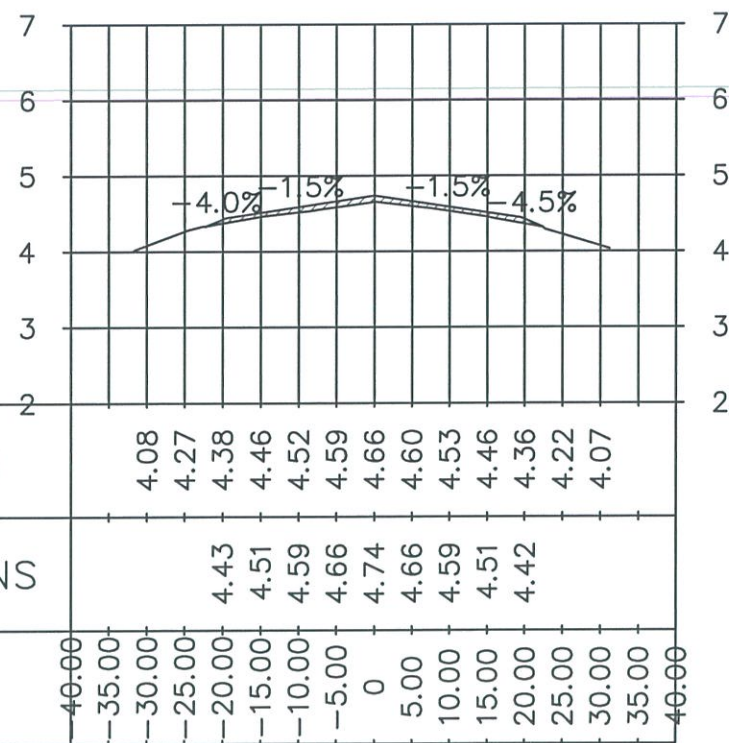
DRAWING SCALE:

AS SHOWN

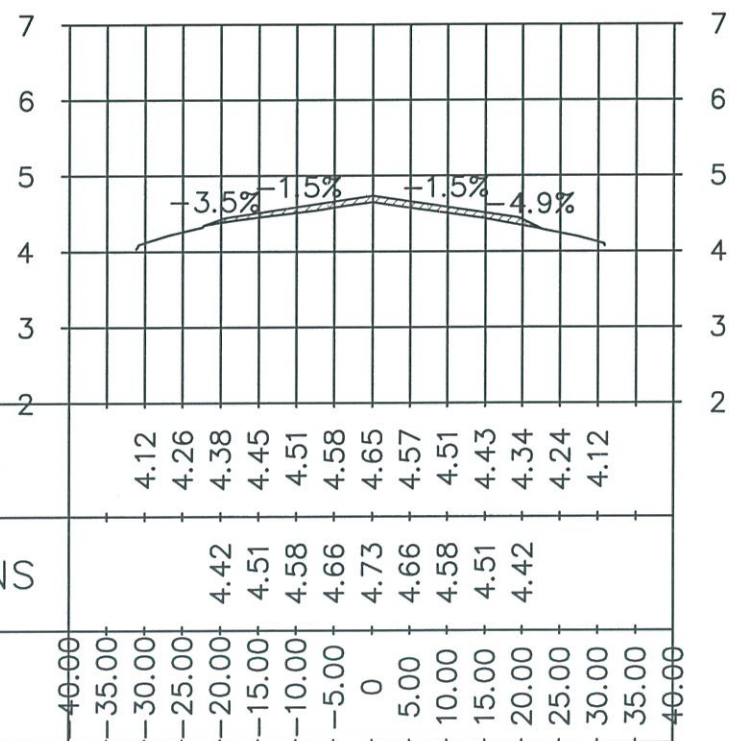
SHEET NO.:

CW - 16

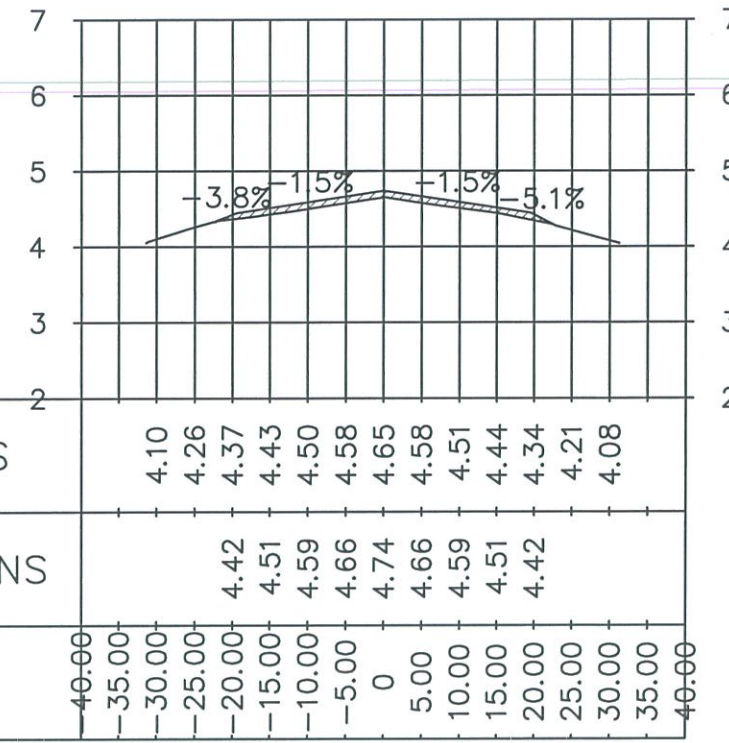
16 27



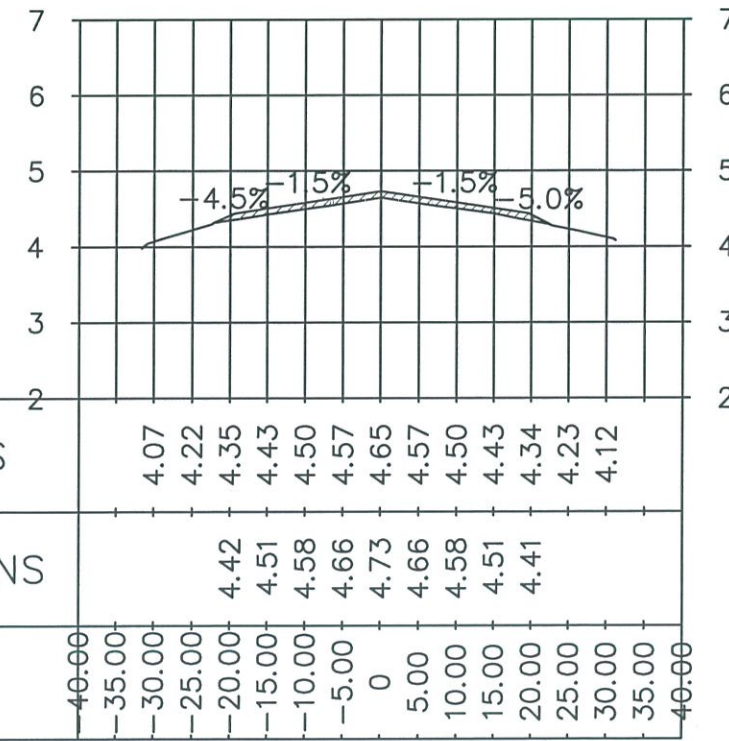
1 + 060



1 + 100



1 + 080



1 + 120

FROM STA 1 + 060 TO STA 1 + 120
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
 DESIGNED BY: RLDJ
 DRAWN BY: RLDJ
 REVIEWED BY:

DATE:
 CHECKED BY:

RAUL R. CRUCENA
 Division Chief III, IDDD

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

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

APPROVED:
 LTGEN RAUL L. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

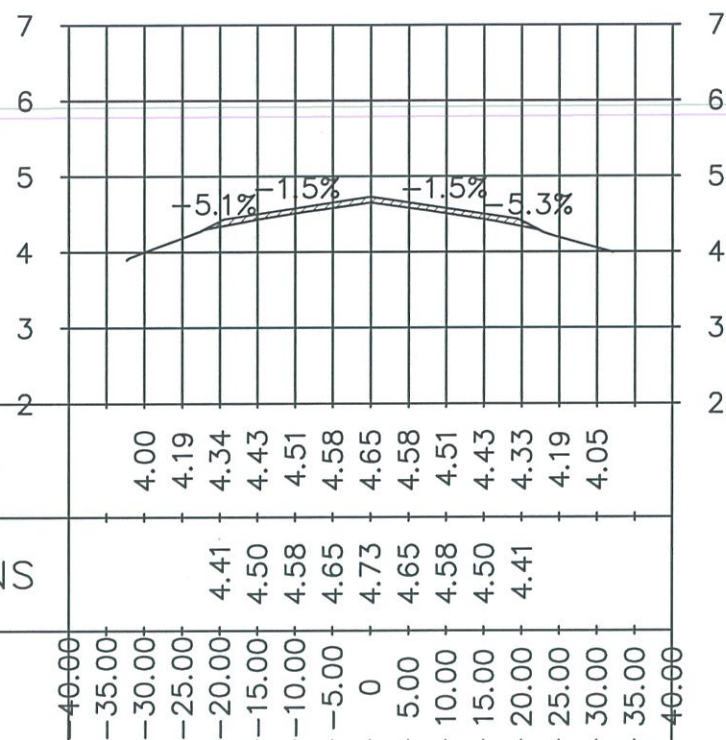
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY OF RUNWAY

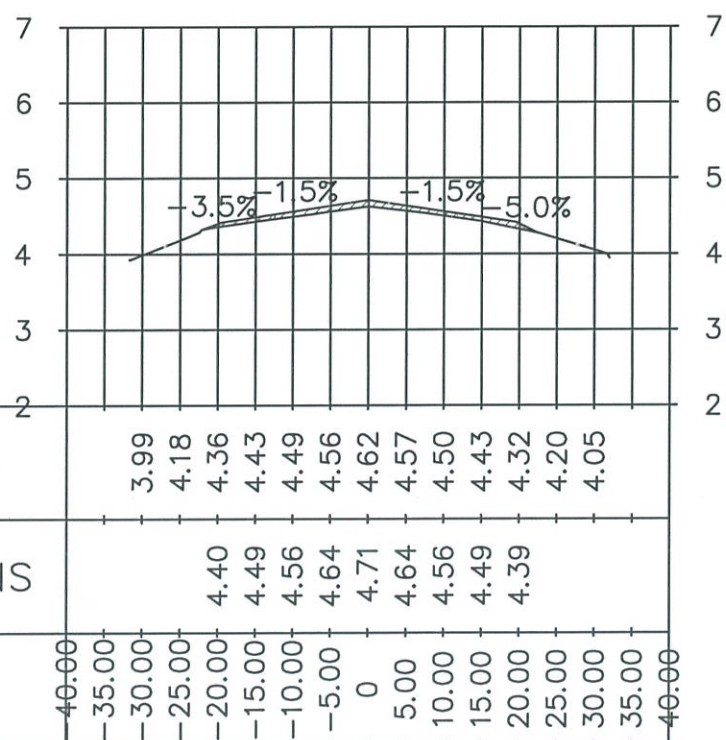
LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 1 + 060 to STA 1 + 120)

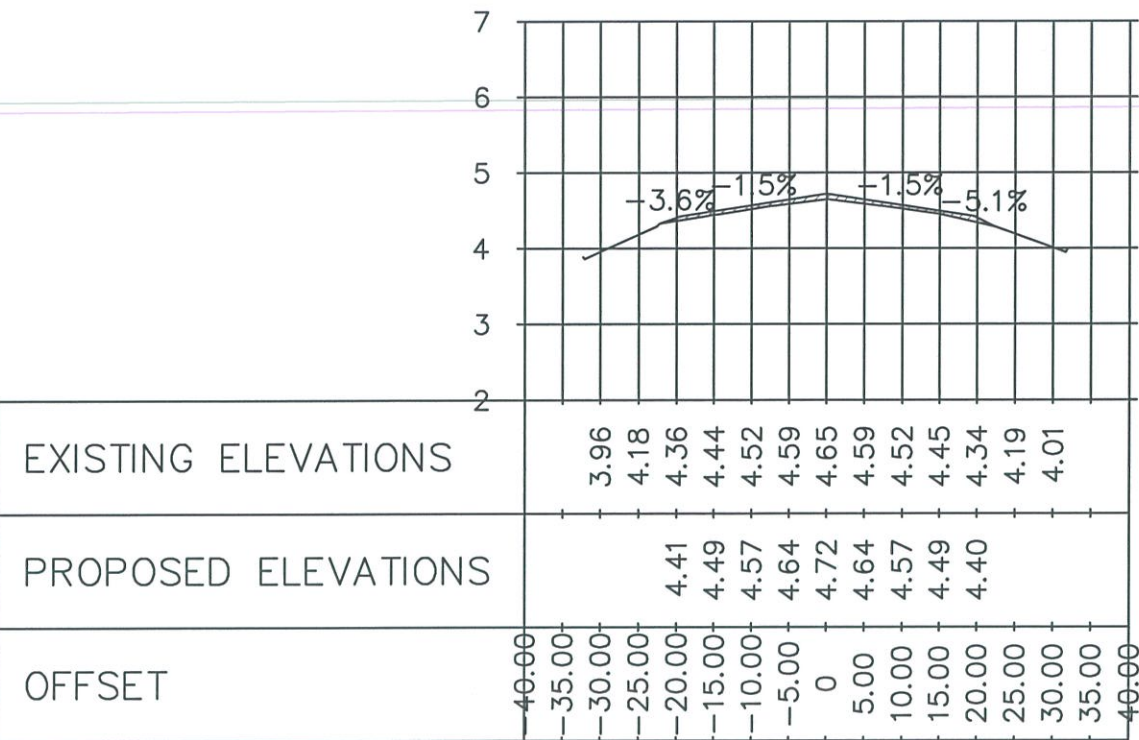
DRAWING SCALE: AS SHOWN
 SHEET NO.: CW - 17
 17 27



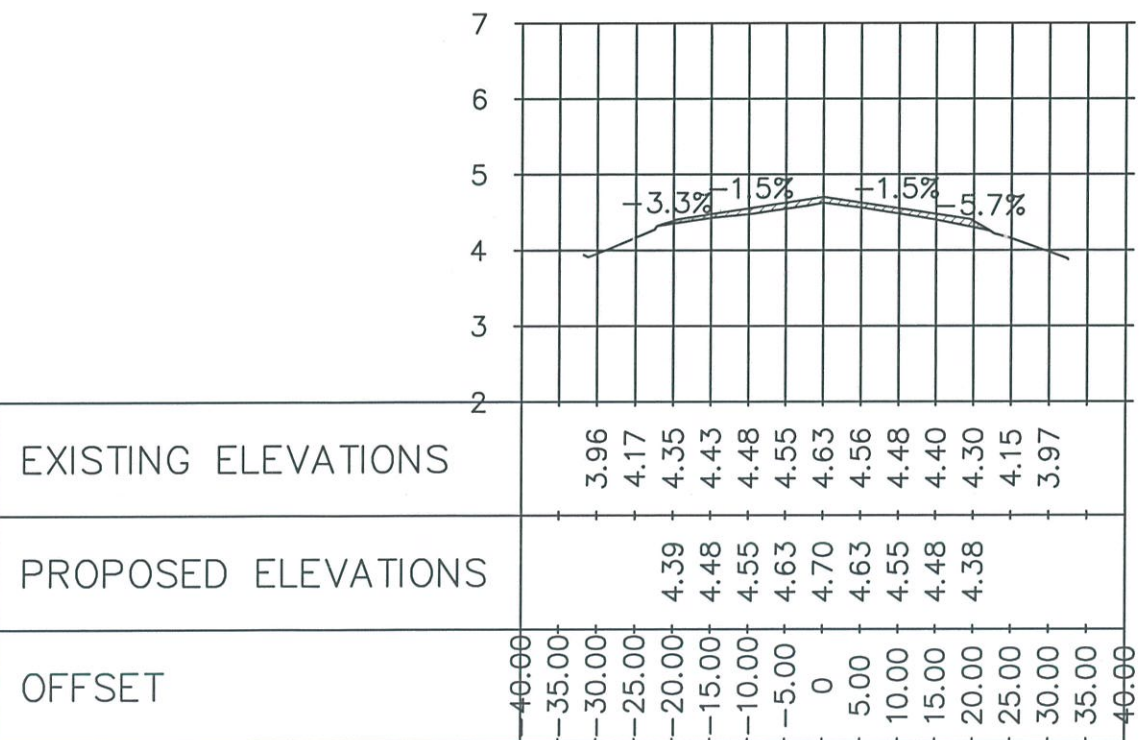
1 + 140



1 + 180



1 + 160



1 + 200

FROM STA 1 + 140 TO STA 1 + 200
 18 CROSS SECTION VIEWS
 SCALE
 HORIZONTAL 1:1000 mts
 VERTICAL 1:100 mts



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 MIA ROAD, 1300 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF
 DESIGNED BY: RLDJ
 DRAWN BY: RLDJ
 REVIEWED BY:

DATE:
 CHECKED BY:

RAUL R. CRUCENA
 Division Chief III, IDDD

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

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

APPROVED:
 LTGEN RAUL I. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

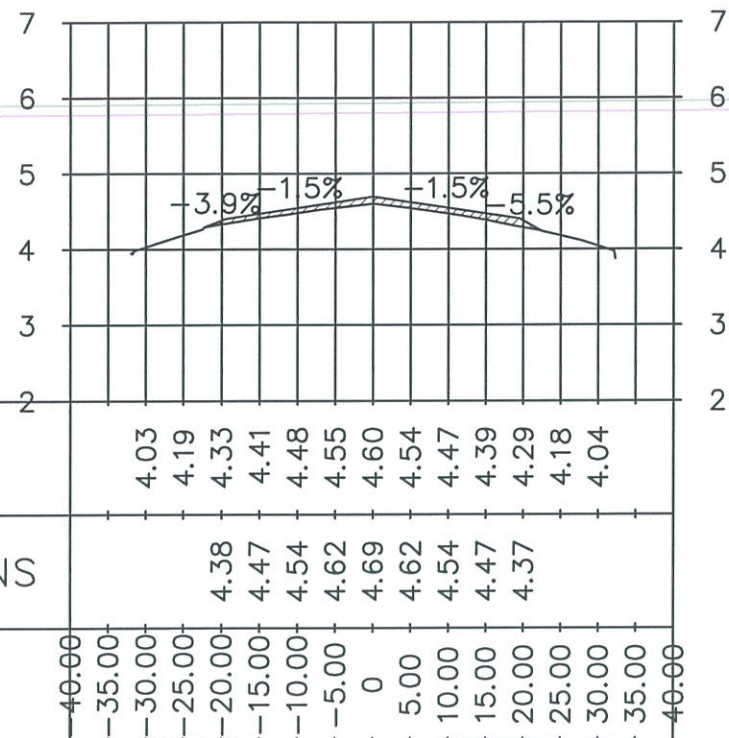
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY OF RUNWAY

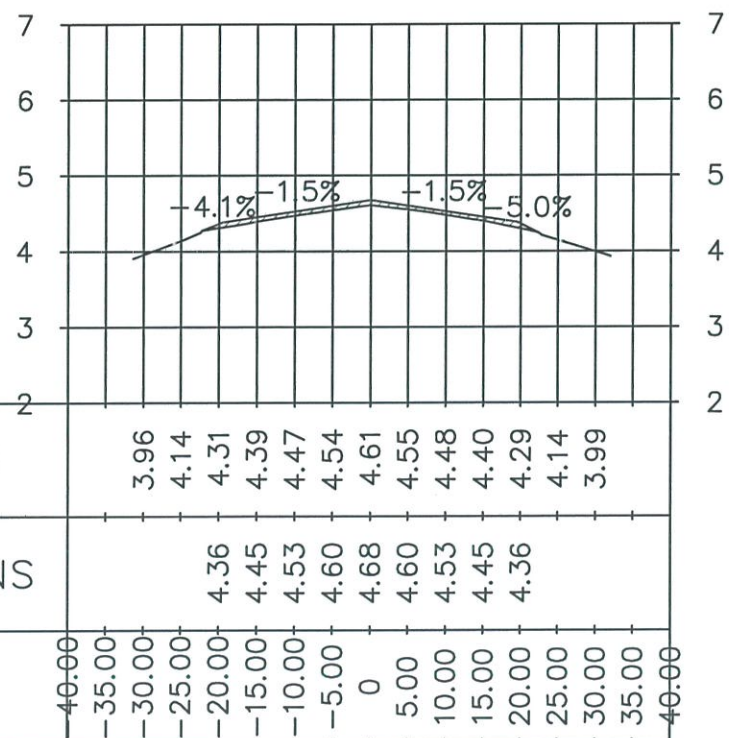
LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROGUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 1 + 140 to STA 1 + 200)

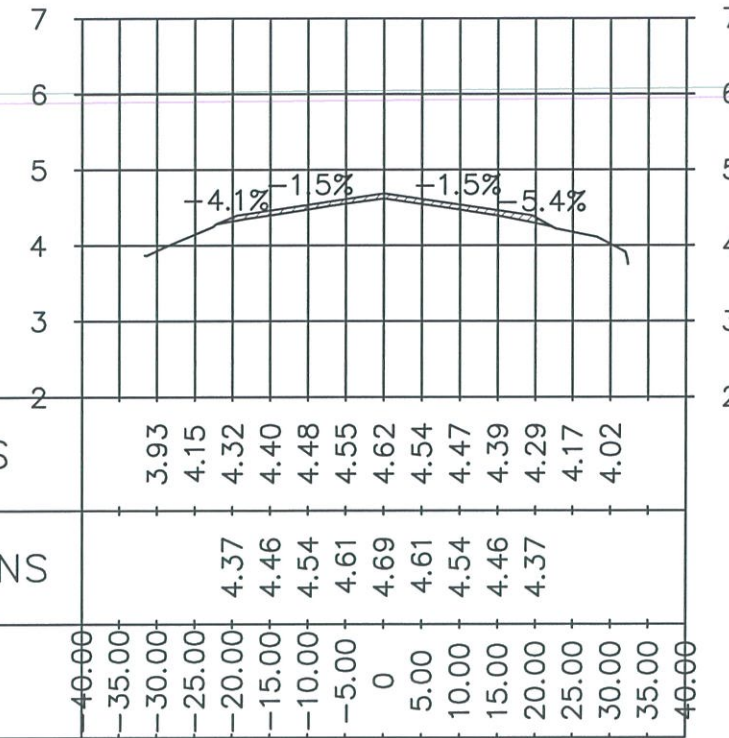
DRAWING SCALE: AS SHOWN
 SHEET NO.: 18 OF 27



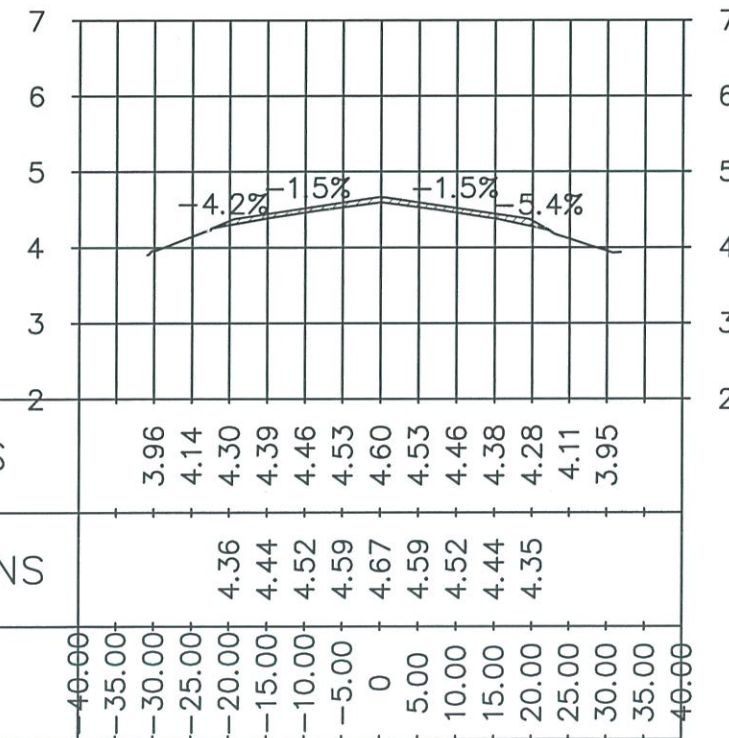
1 + 220



1 + 260



1 + 240



1 + 280

FROM STA 1 + 220 TO STA 1 + 280
 CROSS SECTION VIEWS
 SCALE
 HORIZONTAL 1:1000 mts
 VERTICAL 1:100 mts



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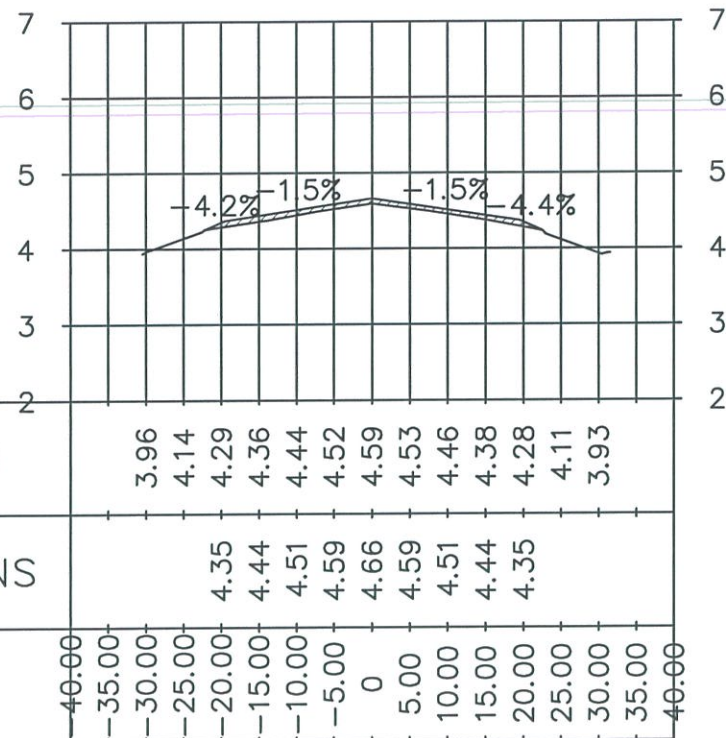
NOTE/REVISIONS:

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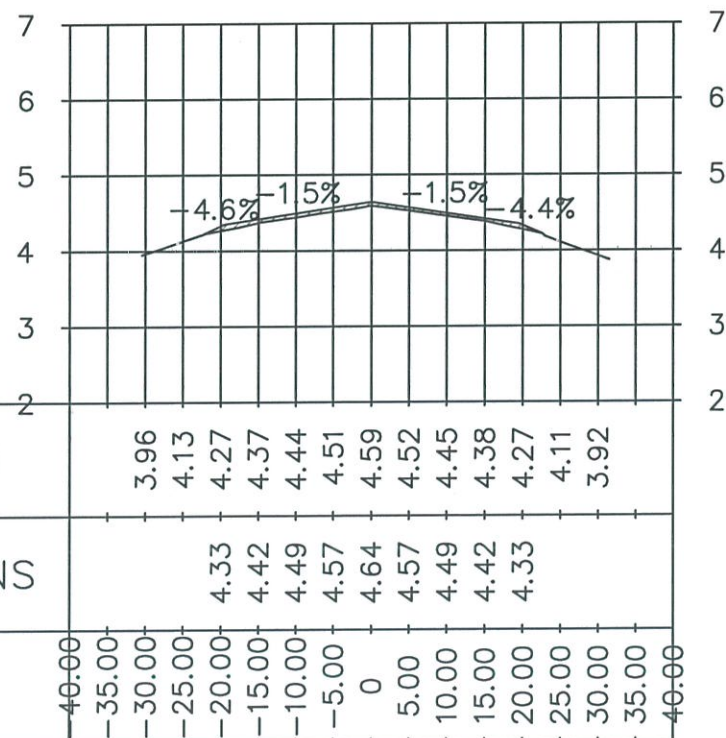
LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 1 + 220 to STA 1 + 280)

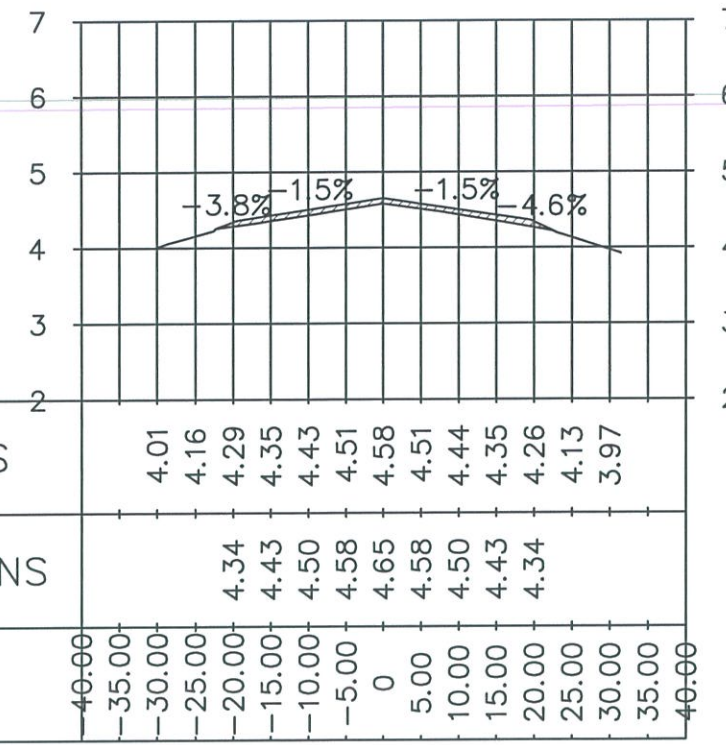
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 AS SHOWN CW - 19
 19 27



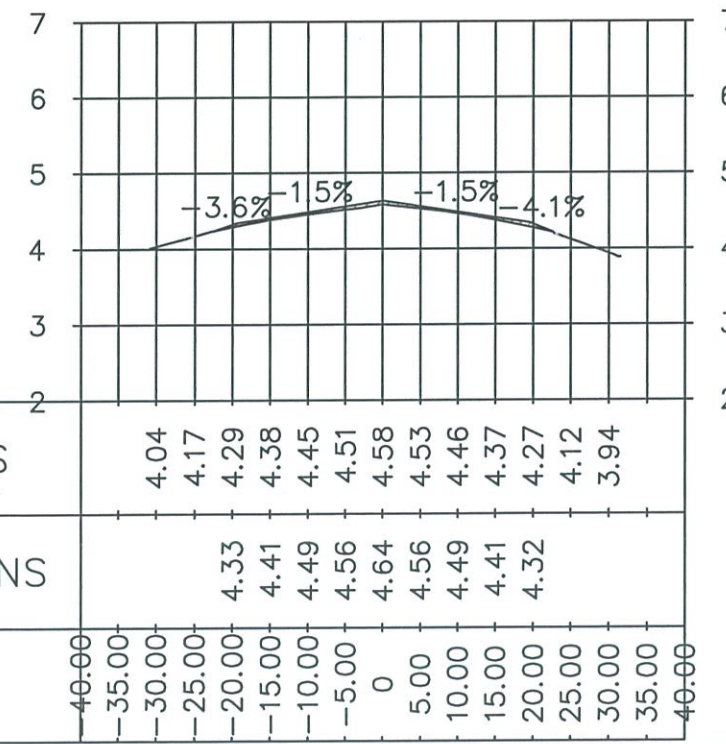
1 + 300



1 + 340



1 + 320



1 + 360

FROM STA 1 + 300 TO STA 1 + 360
 CROSS SECTION VIEWS
 SCALE
 HORIZONTAL 1:1000 mts
 VERTICAL 1:100 mts



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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 DIRECTOR GENERAL

NOTE/REVISIONS:

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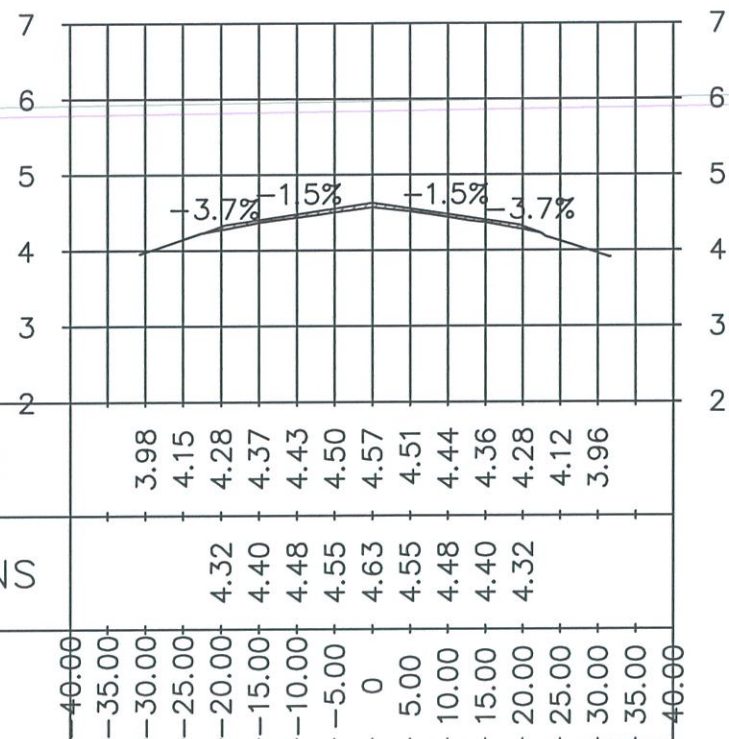
LOCATION:

SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

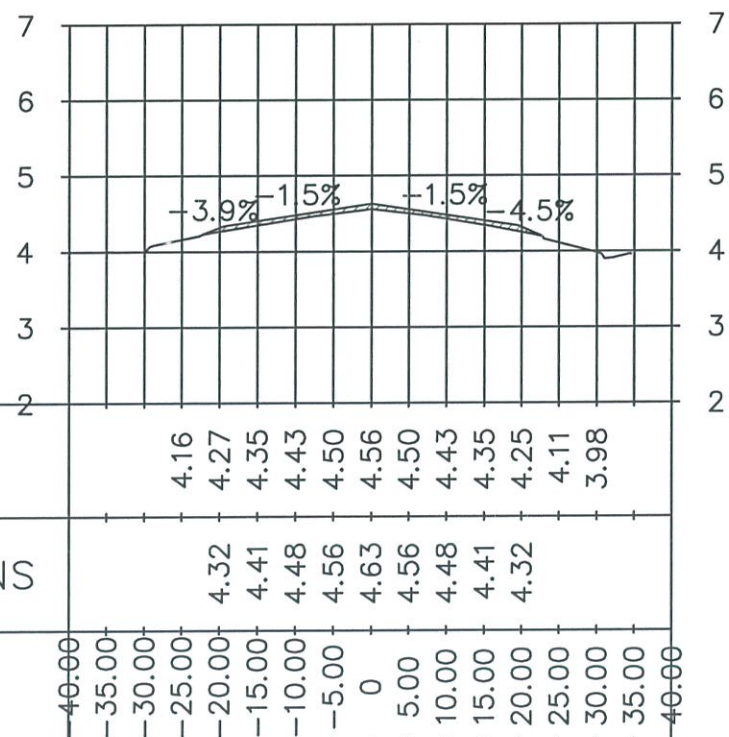
SHEET CONTENTS:

*CROSS SECTION VIEWS
 (From STA 1 + 300 to STA 1 + 360)

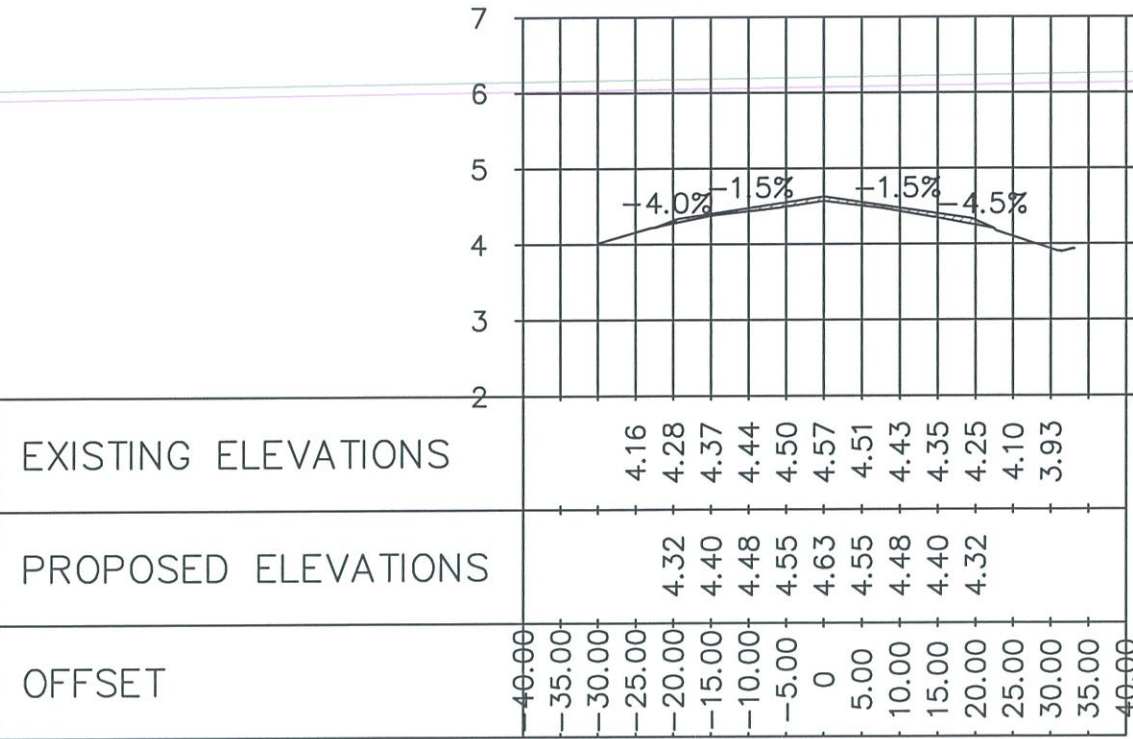
DRAWING SCALE: AS SHOWN
 SHEET NO.: CW - 20
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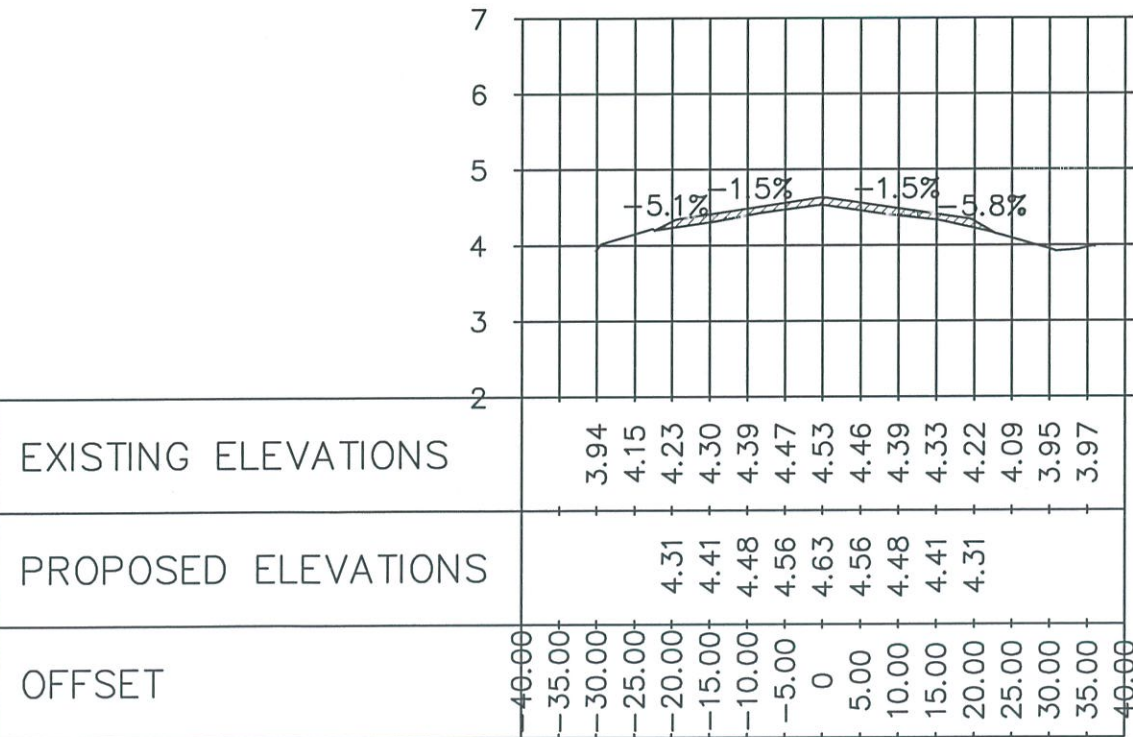
1 + 380



1 + 420



1 + 400



1 + 440

FROM STA 1 + 380 TO STA 1 + 440
 CROSS SECTION VIEWS
 SCALE
 HORIZONTAL 1:1000 mts
 VERTICAL 1:100 mts



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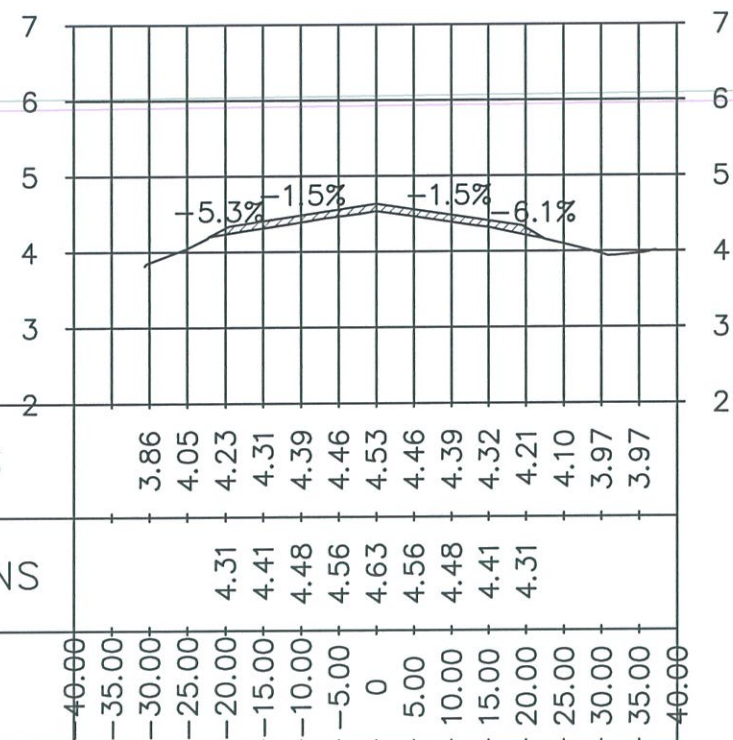
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY OF RUNWAY

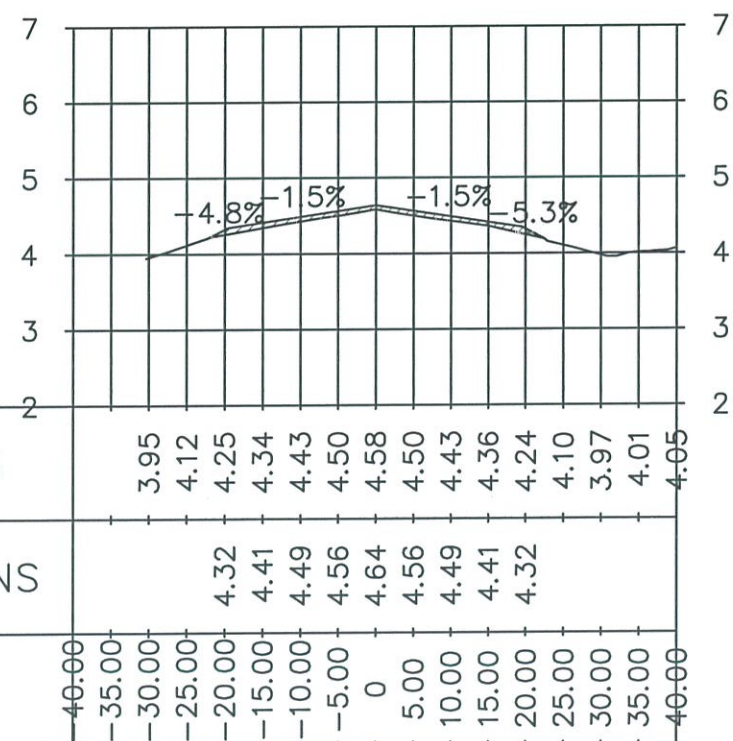
LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 1 + 380 to STA 1 + 440)

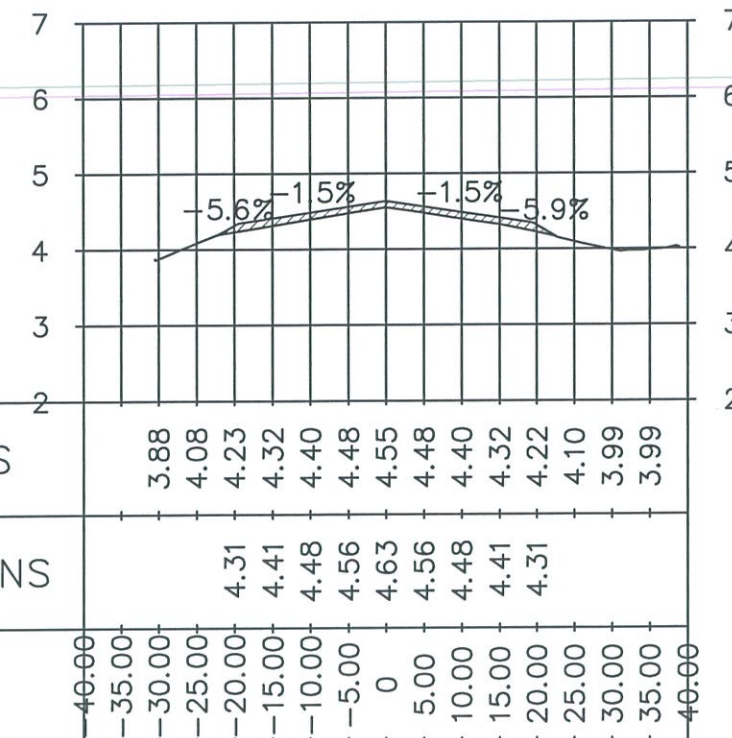
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 SHEET NO.: CW - 21
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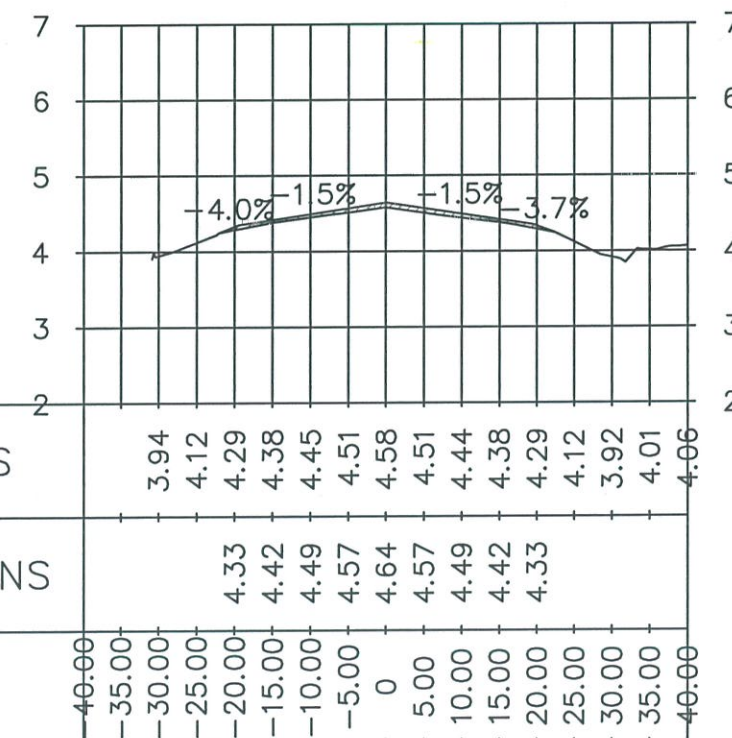
1 + 460



1 + 500



1 + 480



1 + 520

FROM STA 1 + 460 TO STA 1 + 520
 CROSS SECTION VIEWS
 SCALE
 HORIZONTAL 1:1000 mts
 VERTICAL 1:100 mts



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 AED-ADMS

RECOMMEND APPROVAL:

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 Assistant Director General II, ADMS

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 AFP (RET)
 DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:

ASPHALT OVERLAY
 OF RUNWAY

LOCATION:

SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:

*CROSS SECTION VIEWS
 (From STA 1 + 460 to STA 1 + 520)

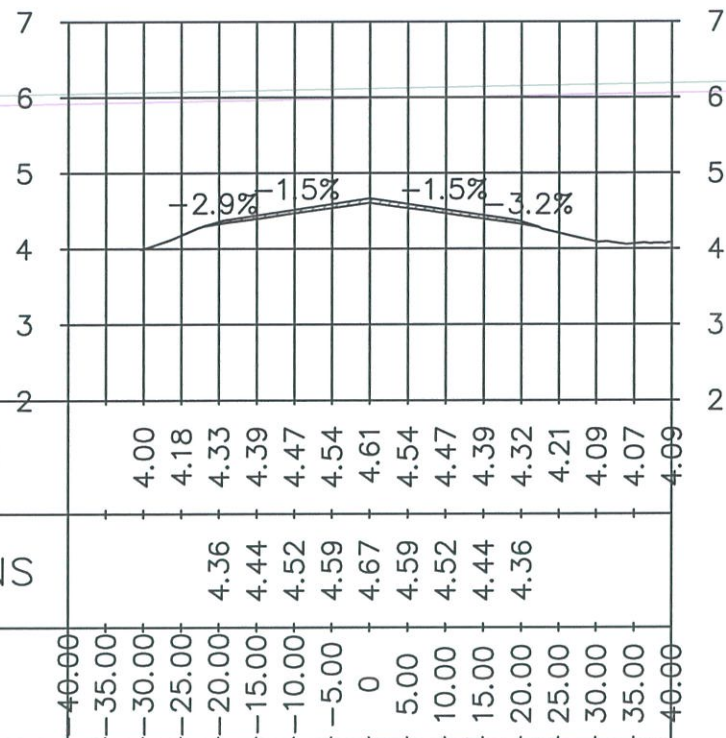
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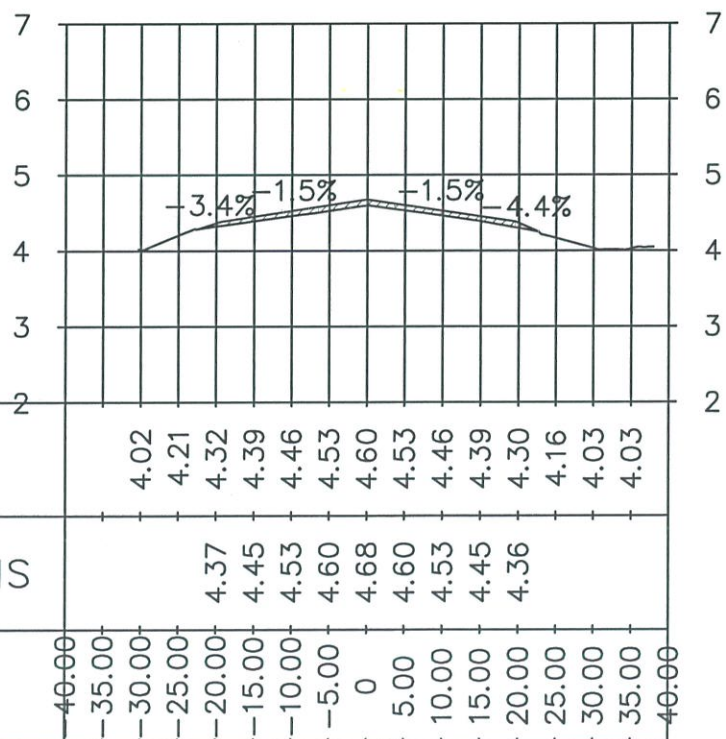
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CW - 22

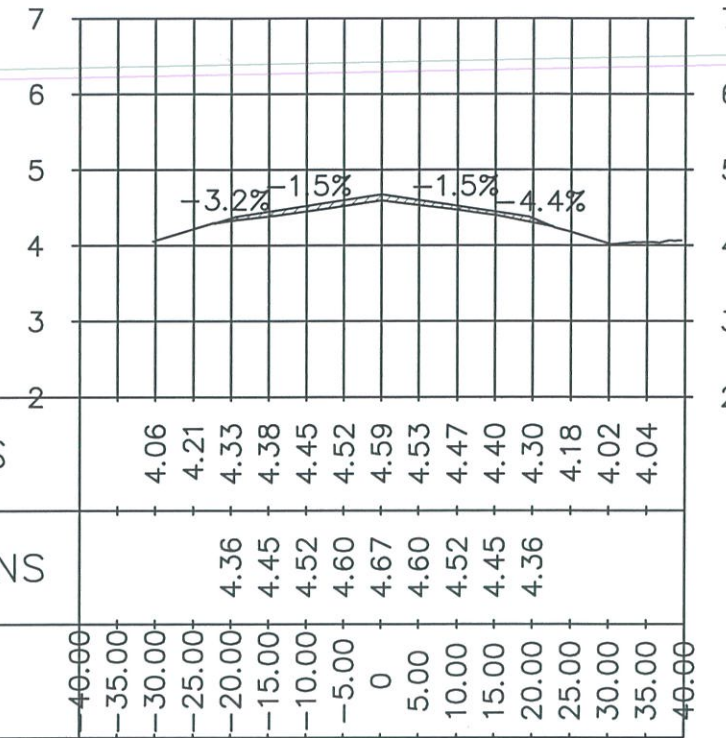
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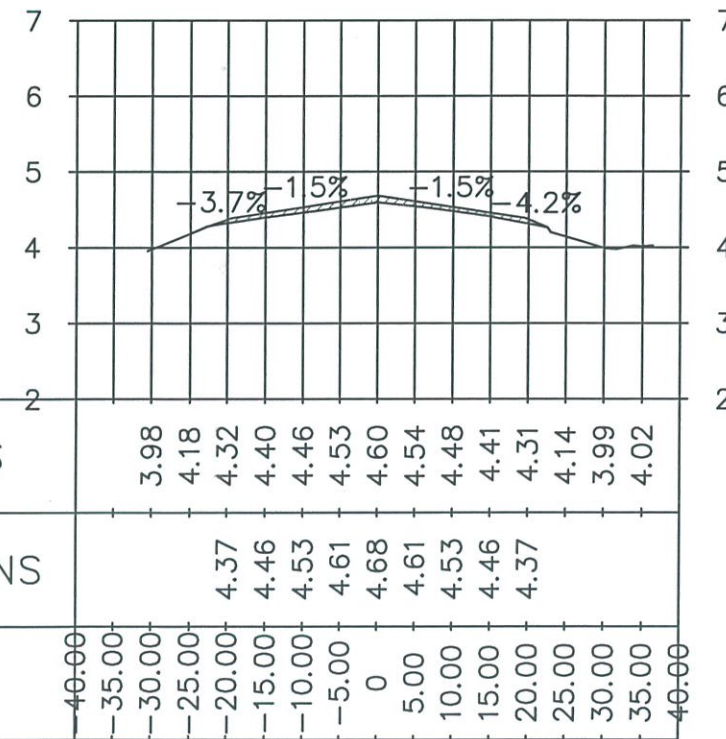
1 + 620



1 + 660



1 + 640



1 + 680

FROM STA 1 + 620 TO STA 1 + 680
 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: RLDJ	
DRAWN BY: RLDJ	
REVIEWED BY:	
DATE:	

CHECKED BY:

RAUL R. CRUCENA
 Division Chief, IDDD

SUBMITTED BY:

ARNEL F. BORLADO
 Department Manager III,
 AED-ADMS

RECOMMEND APPROVAL:

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

APPROVED:

LTGEN RAUL DEL ROSARIO,
 AFP (RET)
 DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:

ASPHALT OVERLAY
 OF RUNWAY

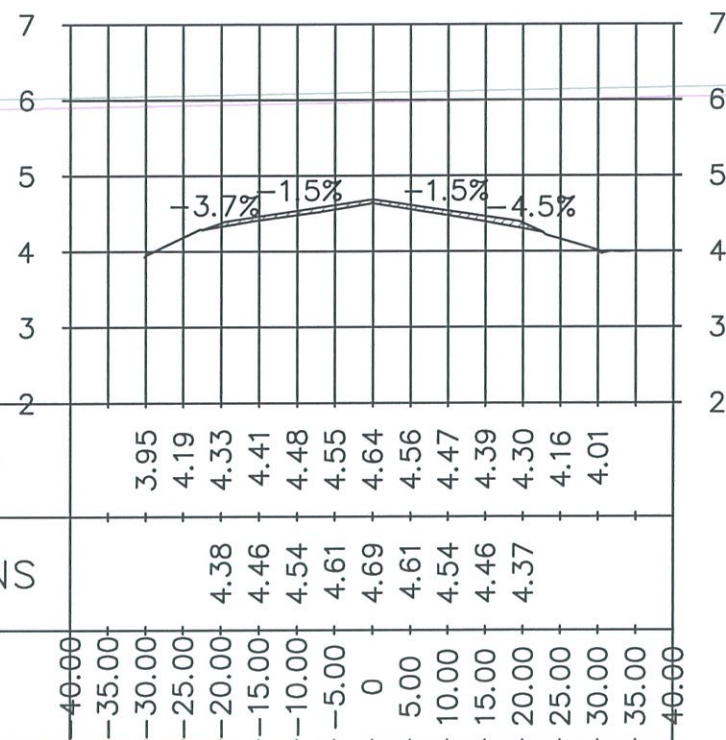
LOCATION:

SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

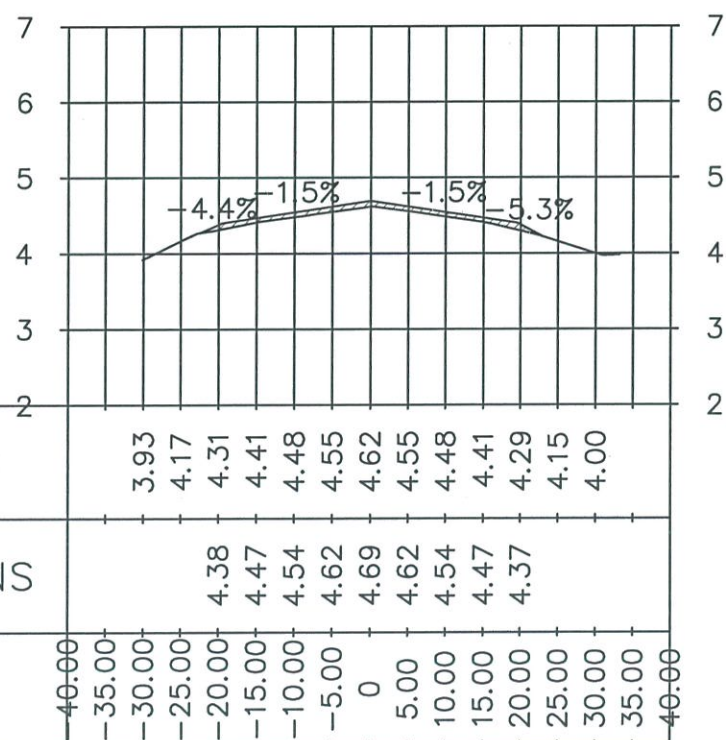
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CROSS SECTION VIEWS
 (From STA 1 + 620 to STA 1 + 680)

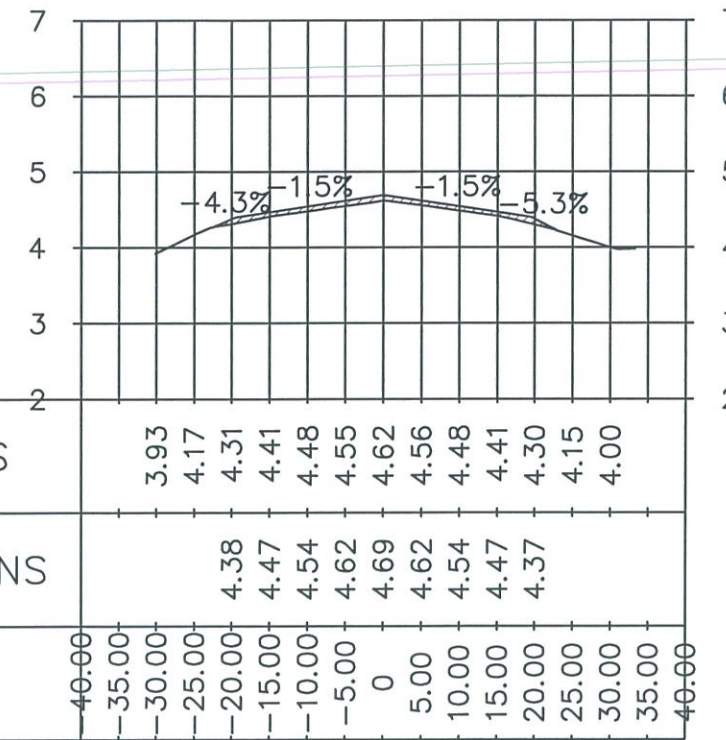
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AS SHOWN	CW - 24
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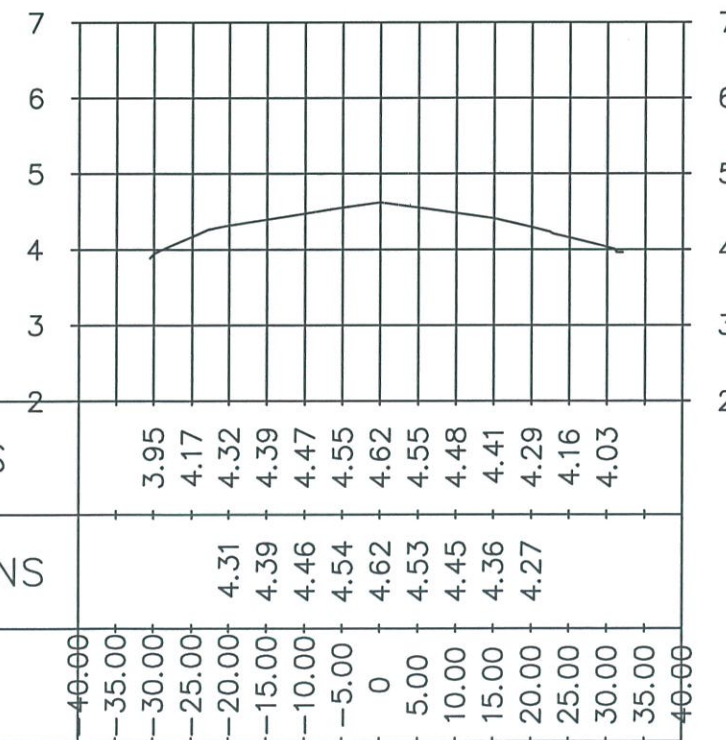
1 + 700



1 + 720.83



1 + 720



1 + 735.83

FROM STA 1 + 700 TO STA 1 + 735.83
 25 CROSS SECTION VIEWS
 SCALE
 HORIZONTAL 1:1000 mts
 VERTICAL 1:100 mts



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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DESIGNED BY: RLDJ	
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 RAUL R. CRUCENA
 Division Chief III, IDDD

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

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

APPROVED:
 LTGEN RAUL I. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

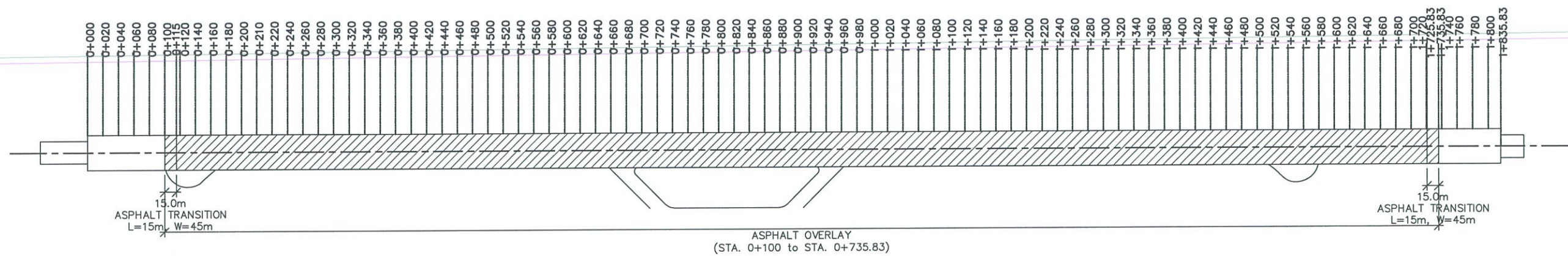
NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY OF RUNWAY

LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

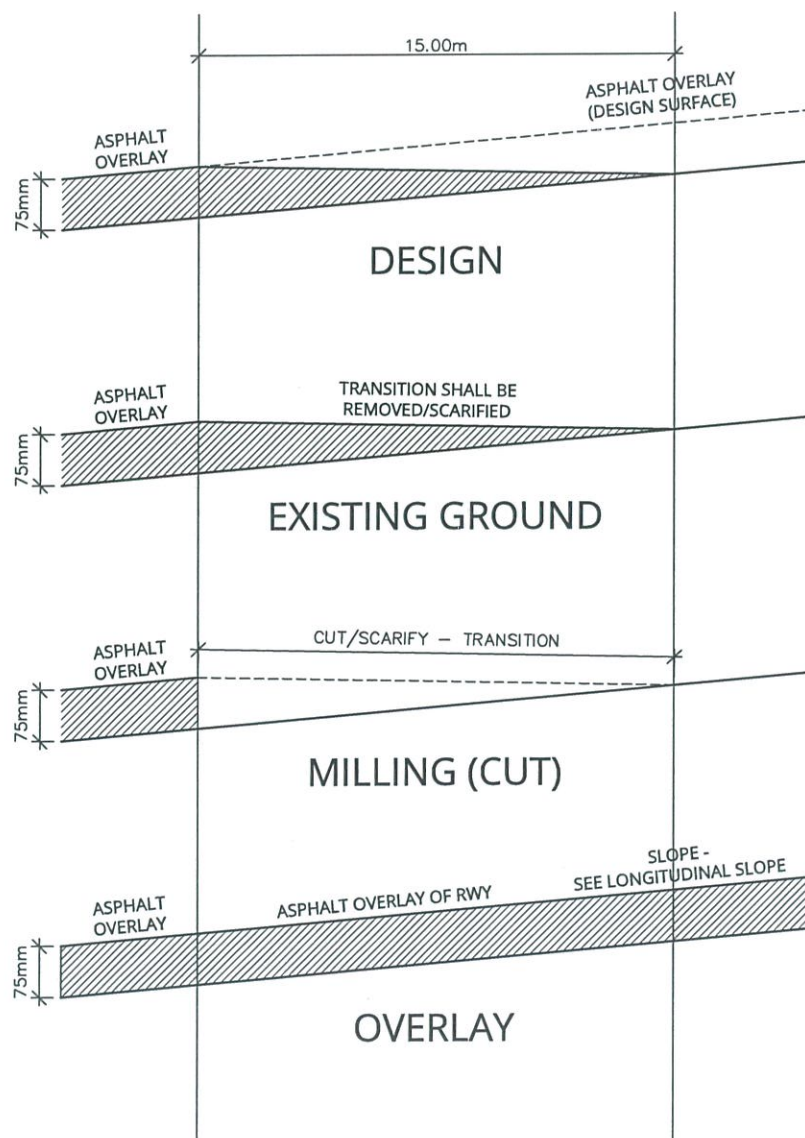
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 *CROSS SECTION VIEWS
 (From STA 1 + 700 to STA 1 + 735.83)

DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 25
	25 27

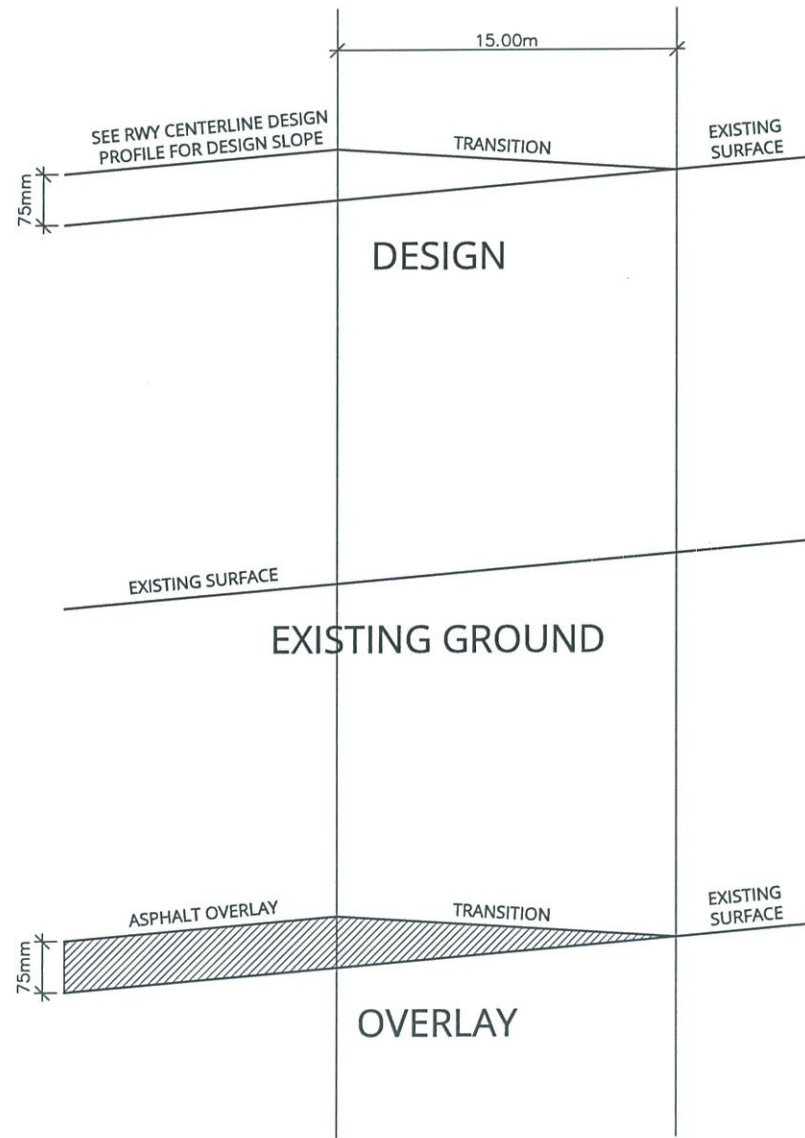


LOCATION PLAN RUNWAY ASPHALT OVERLAY

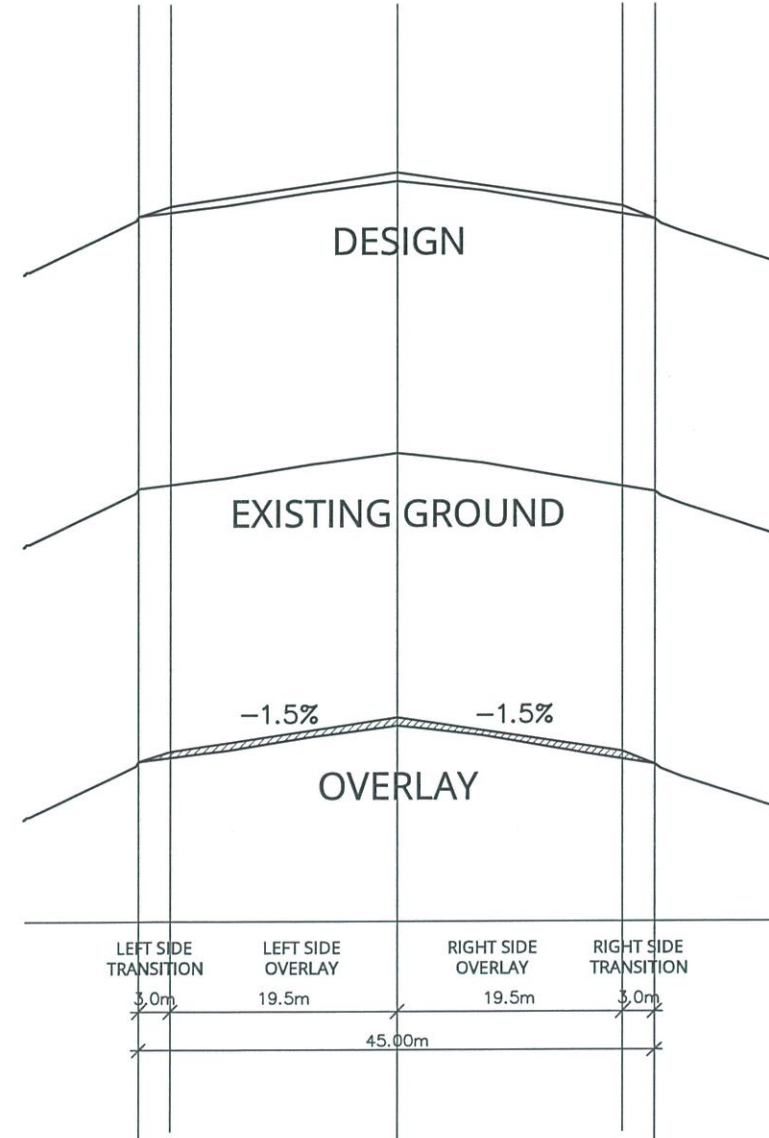
1:6000 mts



TYPICAL DETAILS TEMPORARY TRANS.



TYPICAL DETAILS FIXED END TRANS.



TYPICAL DETAILS TRANS SECTION



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Department Manager III, AED-ADMS

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PAF (RET)
Assistant Director General II, ADMS

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DIRECTOR GENERAL

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LOCATION:

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MINDORO

SHEET CONTENTS:

- LOCATION PLAN (ASPHALT OVERLAY)
- FIXED END TRANSITION
- TEMPORARY TRANSITION
- TRANSVERSE SECTION

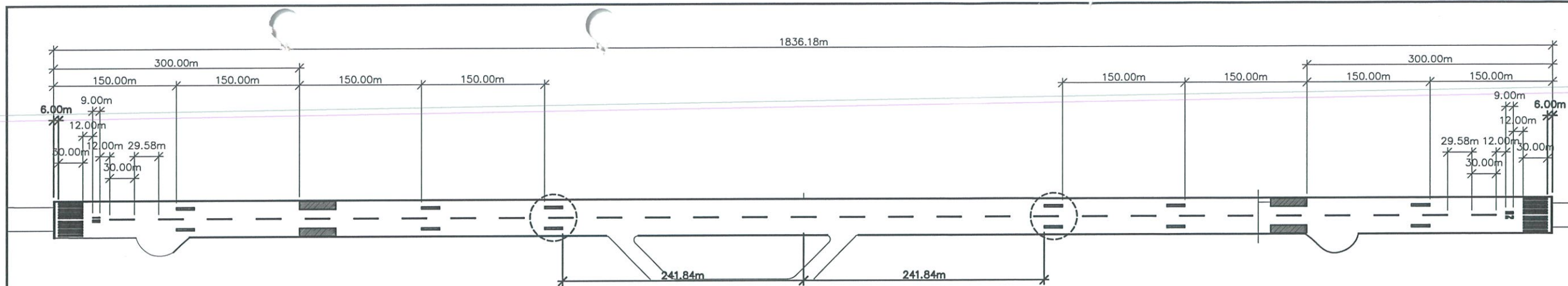
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AS SHOWN

SHEET NO.:

CW - 26

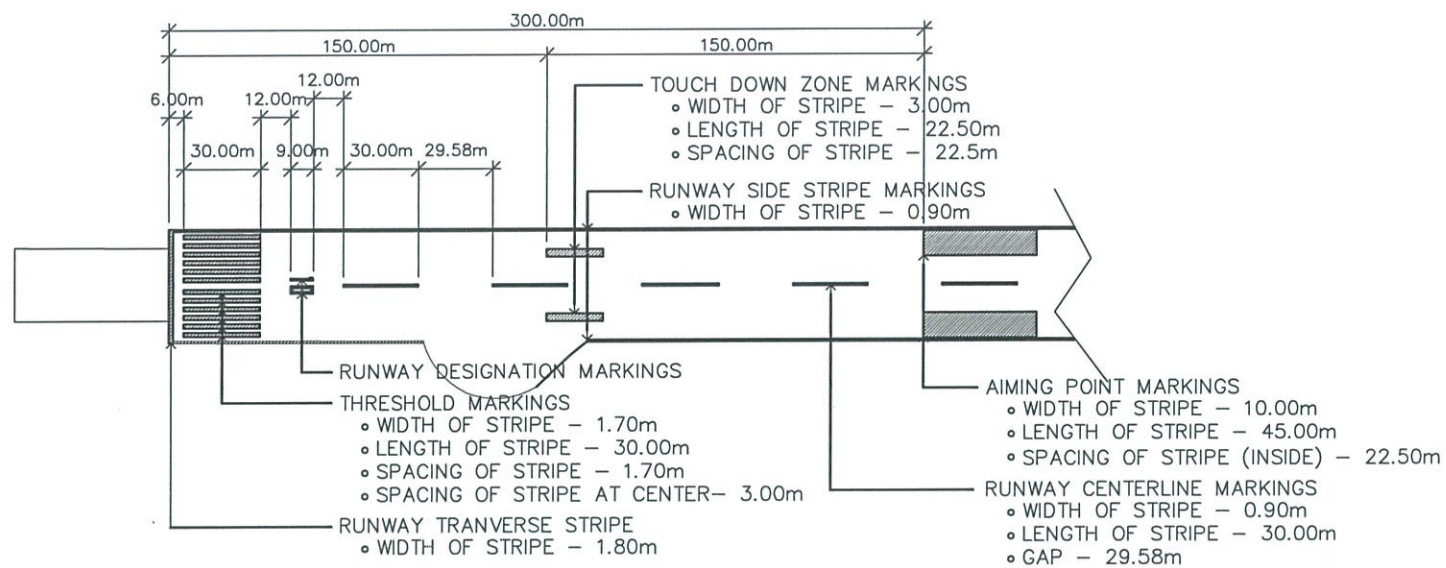
26 27



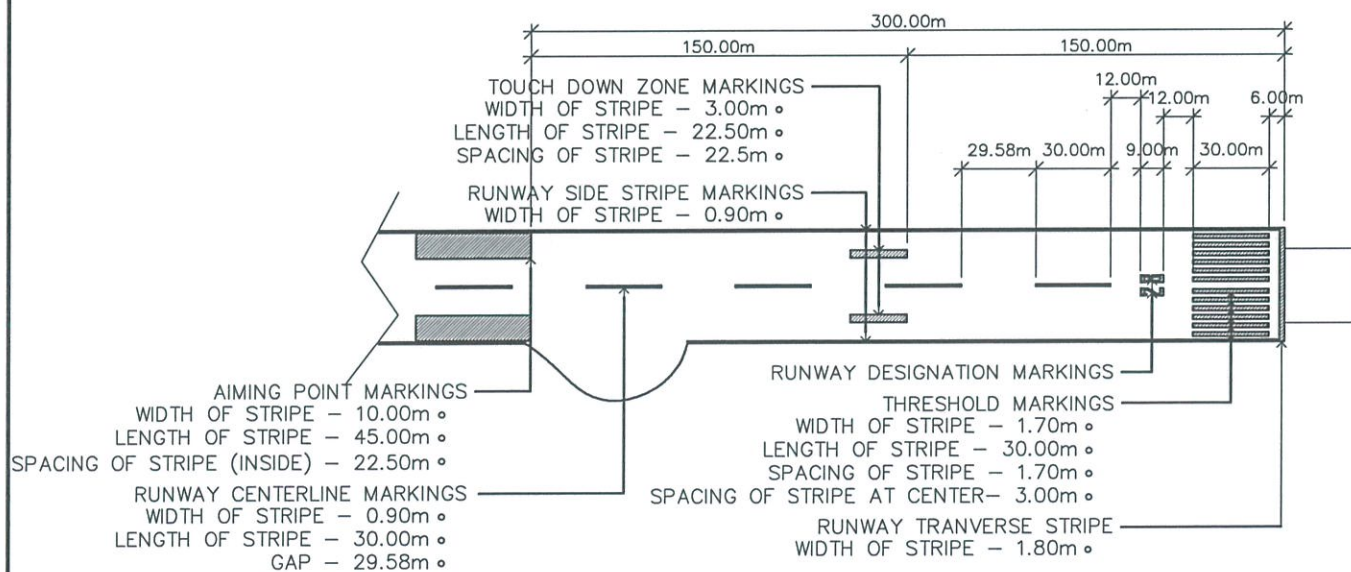
THE TOUCHDOWN ZONE MARKING SCHEME MAINTAINS A 275M "NO-MARKING ZONE" FROM THE MIDPOINT OF THE RUNWAY BACK TOWARDS THE THRESHOLD. ANY PAIRS OF MARKINGS THAT EXTEND BEYOND THIS 275M LIMIT FROM THE RUNWAY MIDPOINT ARE ELIMINATED". (FAA 150-5340-1M)

30 RUNWAY MARKINGS

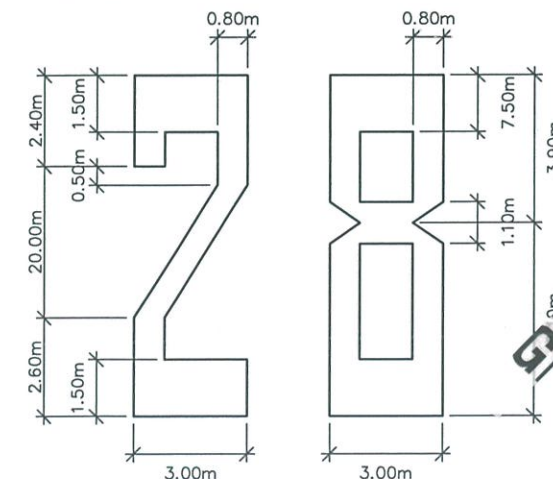
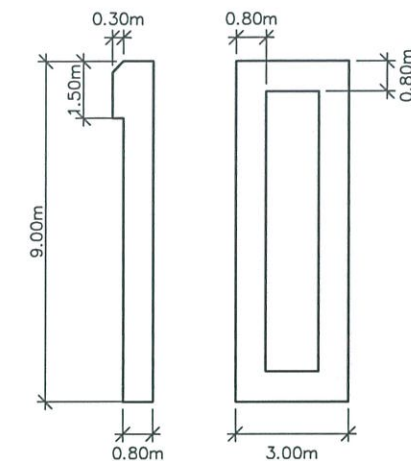
SCALE 1:5500 mts



BLOW UP (RWY 10)



BLOW UP (RWY 28)



R W Y D E S I G N A T I O N M A R K I N G S

31
CW-27 CW-27
NTS



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AERODROME DEVELOPMENT AND
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INFRASTRUCTURE DEVELOPMENT AND
DESIGN DIVISION

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RAUL R. CRUCENA
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Department Manager III,
AED-ADMS

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Assistant Director General II, ADMS

APPROVED:

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AFIP (RET)
DIRECTOR GENERAL

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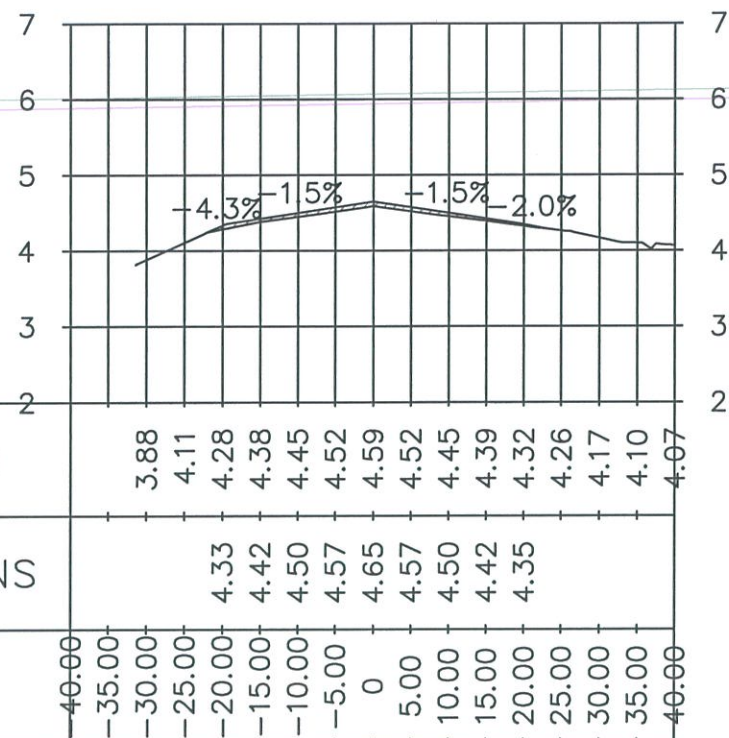
LOCATION:

SAN JOSE AIRPORT
BRGY. SAN ROQUE, SAN JOSE,
OCCIDENTAL MINDORO

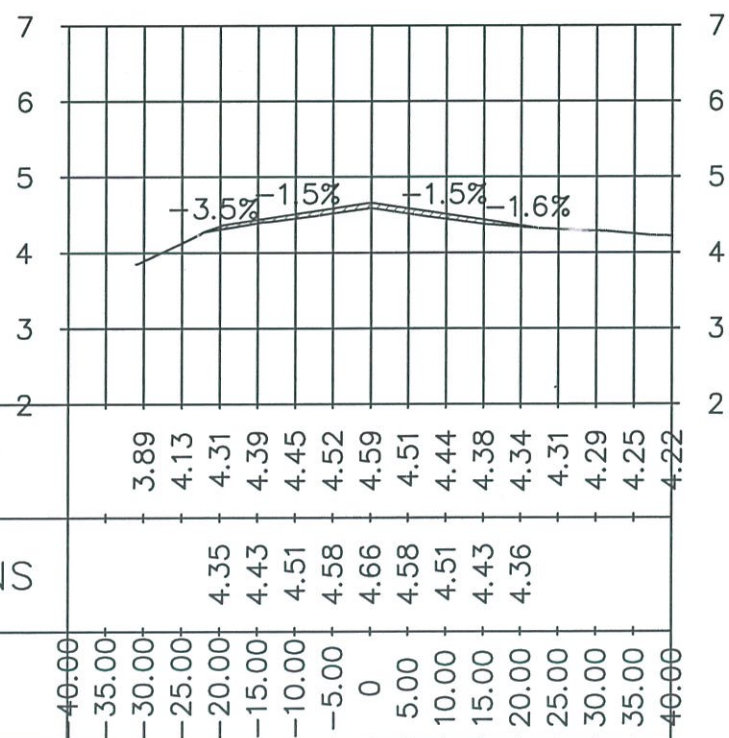
SHEET CONTENTS:

*RUNWAY MARKINGS

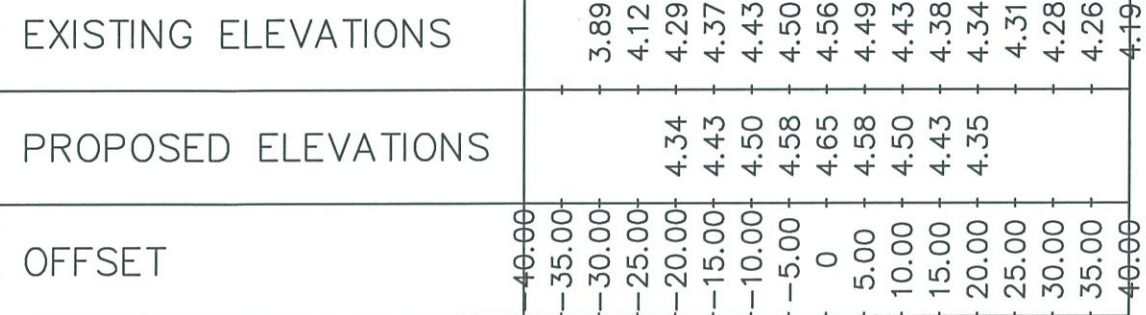
DRAWING SCALE:	SHEET NO.:
AS SHOWN	CW - 27
	27 27



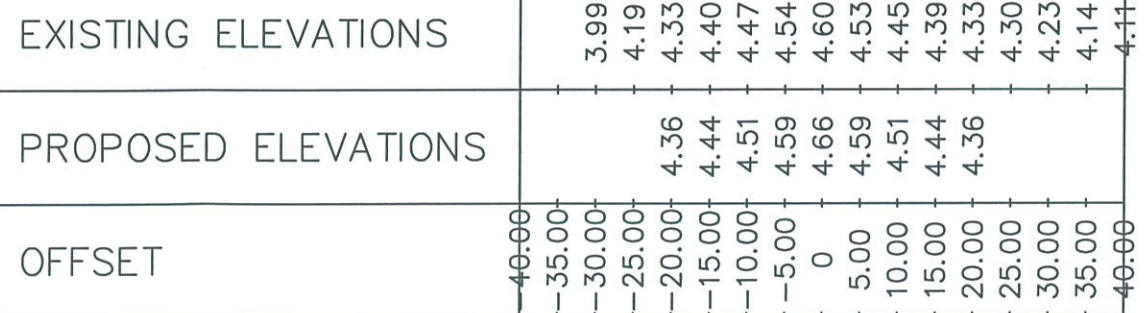
1 + 540



1 + 580



1 + 560



1 + 600

FROM STA 1 + 540 TO STA 1 + 600
 23 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
 DESIGNED BY: RLDJ
 DRAWN BY: RLDJ
 REVIEWED BY:

DATE:
 CHECKED BY:

RAUL R. CRUCENA
 Division Chief III, IDDD

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

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

APPROVED:
 LTGEN RAUL L. DEL ROSARIO
 AFP (RET)
 DIRECTOR GENERAL

NOTE/REVISIONS:

PROJECT TITLE:
 ASPHALT OVERLAY
 OF RUNWAY

LOCATION:
 SAN JOSE AIRPORT
 BRGY. SAN ROQUE, SAN JOSE,
 OCCIDENTAL MINDORO

SHEET CONTENTS:
 *CROSS SECTION VIEWS
 (From STA 1 + 540 to STA 1 + 600)

DRAWING SCALE: AS SHOWN
 SHEET NO.: CW - 23
 23 27