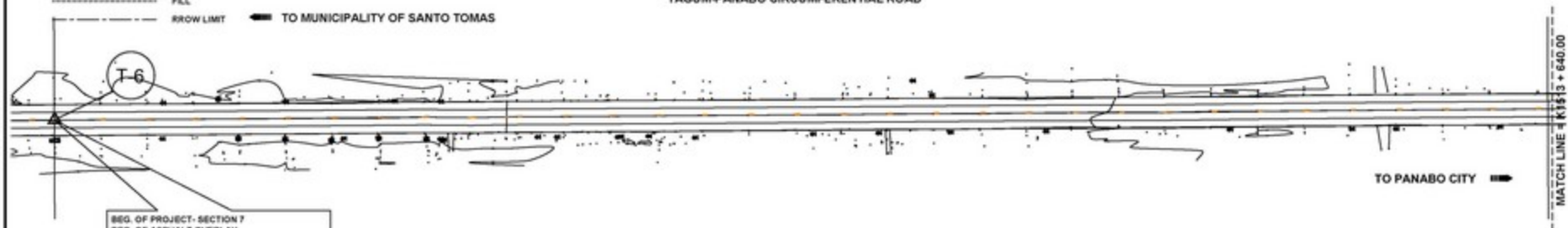


 EXISTING PCCP
 ASPHALT OVERLAY
 SHOULDER
 SCARIFIED WITH ASPHALT OVERLAY
 VARIOUS TREES
 CUT
 FILL
 ROW LIMIT



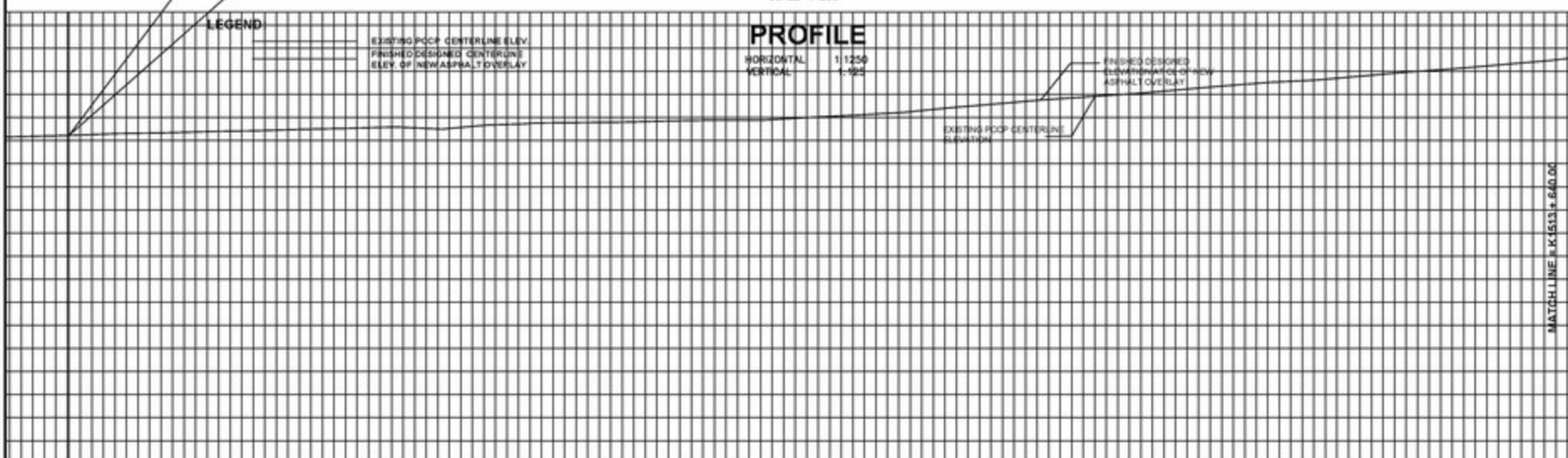
POINT TABLE			
ELEVATION	NORTHING	EASTING	DESCRIPTION
14.70	816660.680	567911.611	END OF SECTION 3CL OF EXIST. PCD
16.24	815051.306	567698.776	BEG. OF SECTION 4CL OF EXIST. PCD
20.84	814057.616	567636.808	END OF SECTION 4CL OF EXIST. PCD

TRAVERSE		
Line No.	DISTANCE	AZIMUTH
T0 - T1	50.00	3° 30' 16.77"
T2 - T3	1.86750	3° 50' 35.86"
T4 - T5	226.00	3° 30' 16.77"
T6 - T7	1.03600	3° 38' 30.28"



PLAN

SCALE 1:1250

[illegible]

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION 10
DAVAO DEL NORTE
2ND DISTRICT ENGINEERING OFFICE
TAGBILARAN CITY

PROJECT NAME AND LOCATION

TAGUAMAYUPTO-COLUMBIA RIVER, K-17504 + 210, K-17504 + 950, K-17504 + 960, K-17505 + 100, K-17506 + 560, K-17506 + 640, K-17509 + 090, K-17509 + 100, K-17510 + 500, K-17510 + 650, K-17510 + 660, K-17511 + 120, K-17512 + 090, K-17514 + 090

PLAY AND PEOPLE 49

HERWIN EVAN J. HARABAG
WARREN S. PINEZ

REVIEWED:


BENILDA S. PACQUIAO
ENCLERED IN
DATE:

SUBMITTED:

JEZABEL B. TULING, MPA
CHIEF, PLANNING AND DESIGN SECTION

RECOMMENDED

GARRY EVERANO
OFFICIAL IN CHARGE
OFFICE OF ASSISTANT DISTRICT ENGINEER
(FACILITY)

APPROVED:


ARTURO N. ZONGYAPOM
DIRECTOR, ENGINEER

DATE:

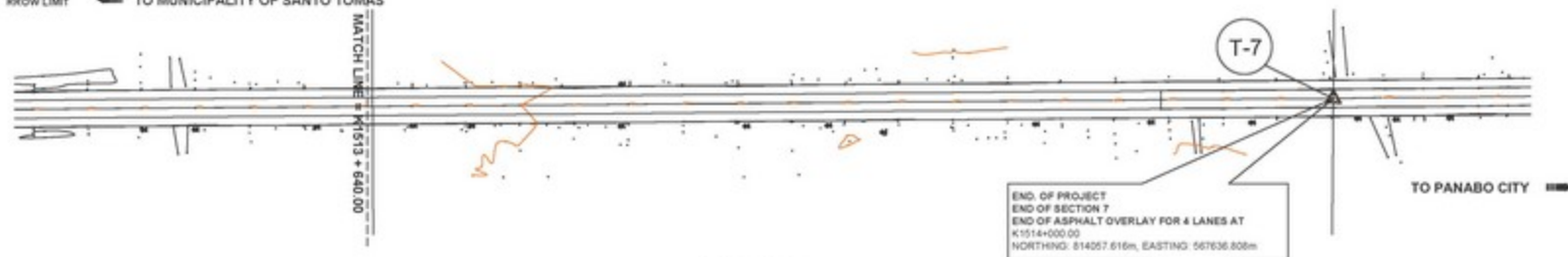
GET NO.	SHEET NO.
	

LEGEND:


TAGUM-PANABO CIRCUMFERENTIAL ROAD

POINT TABLE			
ELEVATION	NORTHING	EASTING	DESCRIPTION
14.70	816880.689	567811.611	END OF SECTION 3CL OF EXIST. PCP
16.24	815051.306	567669.776	BEG. OF SECTION 4CL OF EXIST. PCP
20.84	814057.616	567636.808	END OF SECTION 4CL OF EXIST. PCP

TRAVERSE		
Line No.	DISTANCE	AZIMUTH
T0 - T1	50.00	3° 30' 16.77"
T2 - T3	1.867.00	3° 55' 35.86"
T4 - T5	226.00	3° 30' 16.77"
T6 - T7	1.024.00	3° 28' 30.28"


PLAN

SCALE 1:1250

LEGEND

EXISTING PCP CENTERLINE ELEV.
FINISHED DESIGNED CENTERLINE ELEV.
ELEV. OF NEW ASPHALT OVERLAY

PROFILE

HORIZONTAL 1:1250
VERTICAL 1:125

SAME POINT

MATCH LINE = K1513 + 640.00

FINISHED DESIGNED
ELEVATION AT CL OF NEW
ASPHALT OVERLAY

EXISTING PCP CENTERLINE
ELEVATION

STATION	1513+480	1513+500	1513+520	1513+540	1513+560	1513+580	1513+600	1513+620	1513+640	1513+660	1513+680	1513+700	1513+720	1513+740	1513+760	1513+780	1513+800	1513+820	1513+840	1513+860	1513+880	1513+900	1513+920	1513+940	1513+960	1513+980	1514+000	1514+020	1514+040	1514+060	1514+080	
FINISHED DESIGNED ELEVATION AT CL OF NEW ASPHALT OVERLAY	18.304	18.477	18.633	18.753	18.867	18.978	19.072	19.122	19.204	19.263	19.308	20.366	20.472	20.535	20.589	20.672	20.697	20.885	20.967	21.108	21.308	21.307	21.341	21.174	21.120	21.063	21.059	20.950	20.828	20.704	20.574	20.493
EXISTING PCOP CENTERLINE ELEVATION	18.146	18.388	18.525	18.635	18.709	18.870	18.914	18.988	19.437	19.677	19.838	19.888	20.364	20.527	20.581	20.582	20.749	20.877	20.985	21.090	21.300	21.189	21.133	21.088	21.012	20.975	20.843	20.642	20.481	20.316	20.185	
WIDENING																																
SUPER ELEVATION																																
	EXISTING ELEVATION																															

EXISTING ELEVATION



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV
DAVAO DEL NORTE
2ND DISTRICT ENGINEERING OFFICE
TAGUM CITY

PROJECT NAME AND LOCATION
TAGUM-PANABO CIRCUMFERENTIAL ROAD - K1513 + 640.00 - K1514 + 000.00
SHEET NO. 22 OF 59

SHEET CONTENTS
PLAN AND PROFILE (2)

DESIGNED BY
HERWIN EVAN J. RAMABAG
CHECKED BY
BENILDA A. MACQUIAO
DATE

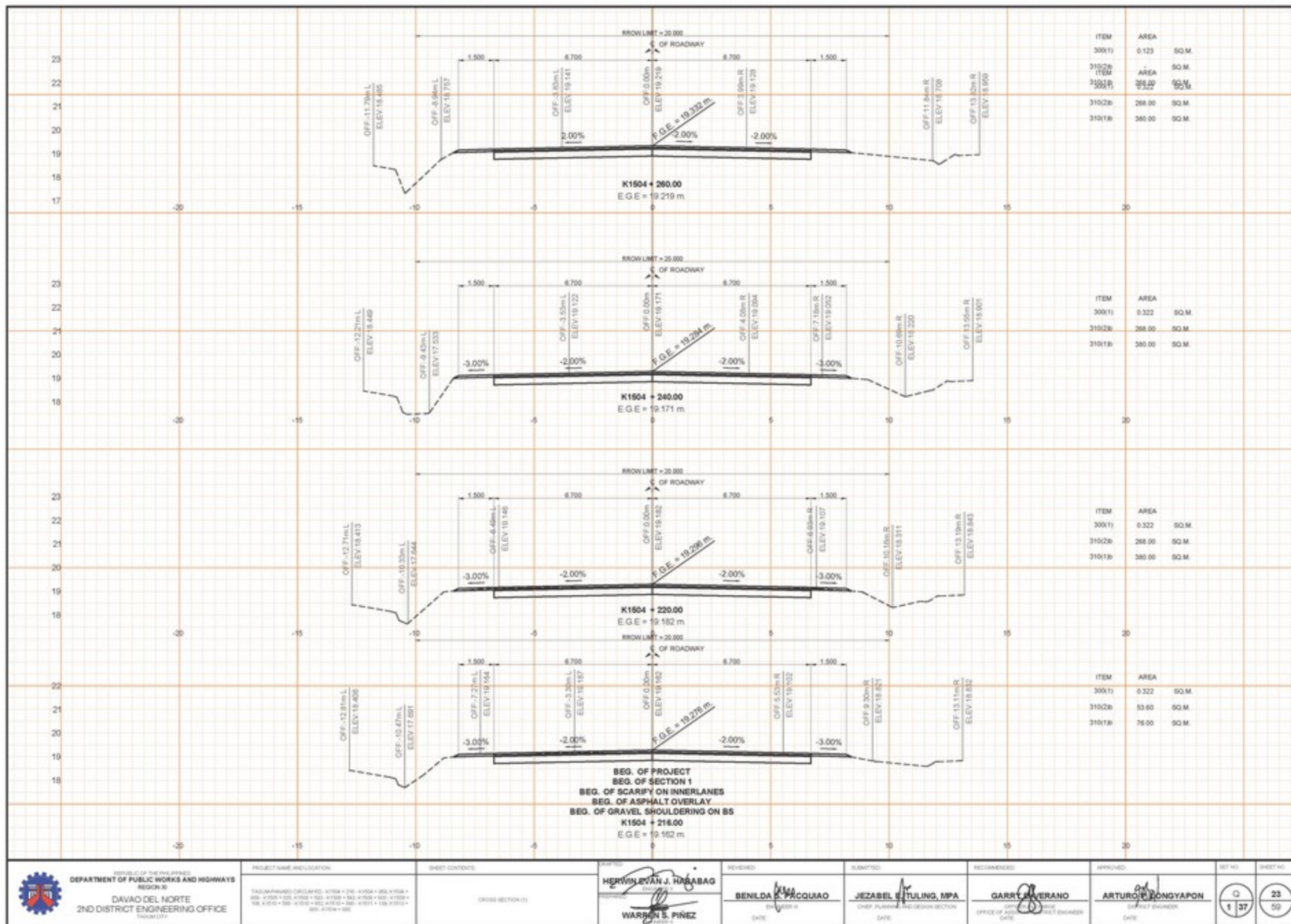
REVIEWED BY
JEZABEL E. TULING, MPA
DATE

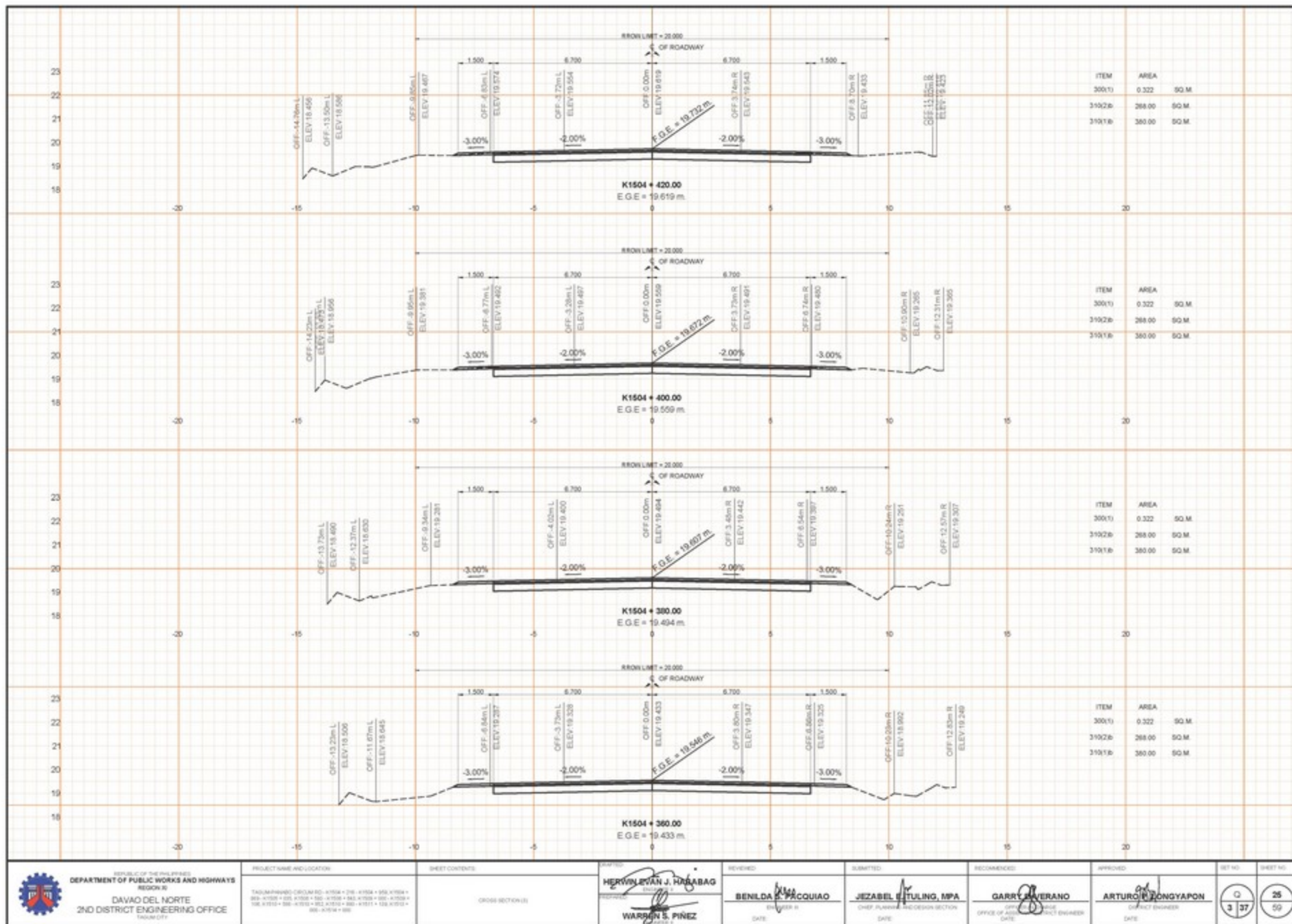
SUBMITTED BY
GARRY RIVERANO
DATE

RECOMMENDED BY
ARTURO R. ZONGYAPON
DATE

APPROVED BY
ARTURO R. ZONGYAPON
DATE

SHEET NO. 22
SHEET 59





REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGION IV
 DAVAO DEL NORTE
 2ND DISTRICT ENGINEERING OFFICE
 TAGBILAR CITY

PROJECT NAME AND LOCATION

TAGBILAR (PACQUIAO) - CORTES ROAD - K1504 + 360.00 - K1504 + 380.00 - K1504 + 400.00 - K1504 + 420.00

1. TAGBILAR (PACQUIAO) - CORTES ROAD - K1504 + 360.00 - K1504 + 380.00 - K1504 + 400.00 - K1504 + 420.00

2. TAGBILAR (PACQUIAO) - CORTES ROAD - K1504 + 360.00 - K1504 + 380.00 - K1504 + 400.00 - K1504 + 420.00

3. TAGBILAR (PACQUIAO) - CORTES ROAD - K1504 + 360.00 - K1504 + 380.00 - K1504 + 400.00 - K1504 + 420.00

4. TAGBILAR (PACQUIAO) - CORTES ROAD - K1504 + 360.00 - K1504 + 380.00 - K1504 + 400.00 - K1504 + 420.00

SHEET CONTENTS

CROSS SECTIONS

DESIGNED BY

HERWIN EVAN J. RAMABAG

DATE

WARRIN S. PINEZ

DATE

DATE

REVIEWED

BENILDA A. PACQUIAO

DATE

DATE

DATE

DATE

SUBMITTED

JEZABEL E. TULING, MPA

DATE

DATE

DATE

DATE

RECOMMENDED

GARRY RIVERANO

DATE

DATE

DATE

DATE

APPROVED

ARTURO R. ZONGAYON

DATE

DATE

DATE

DATE

SHEET NO.

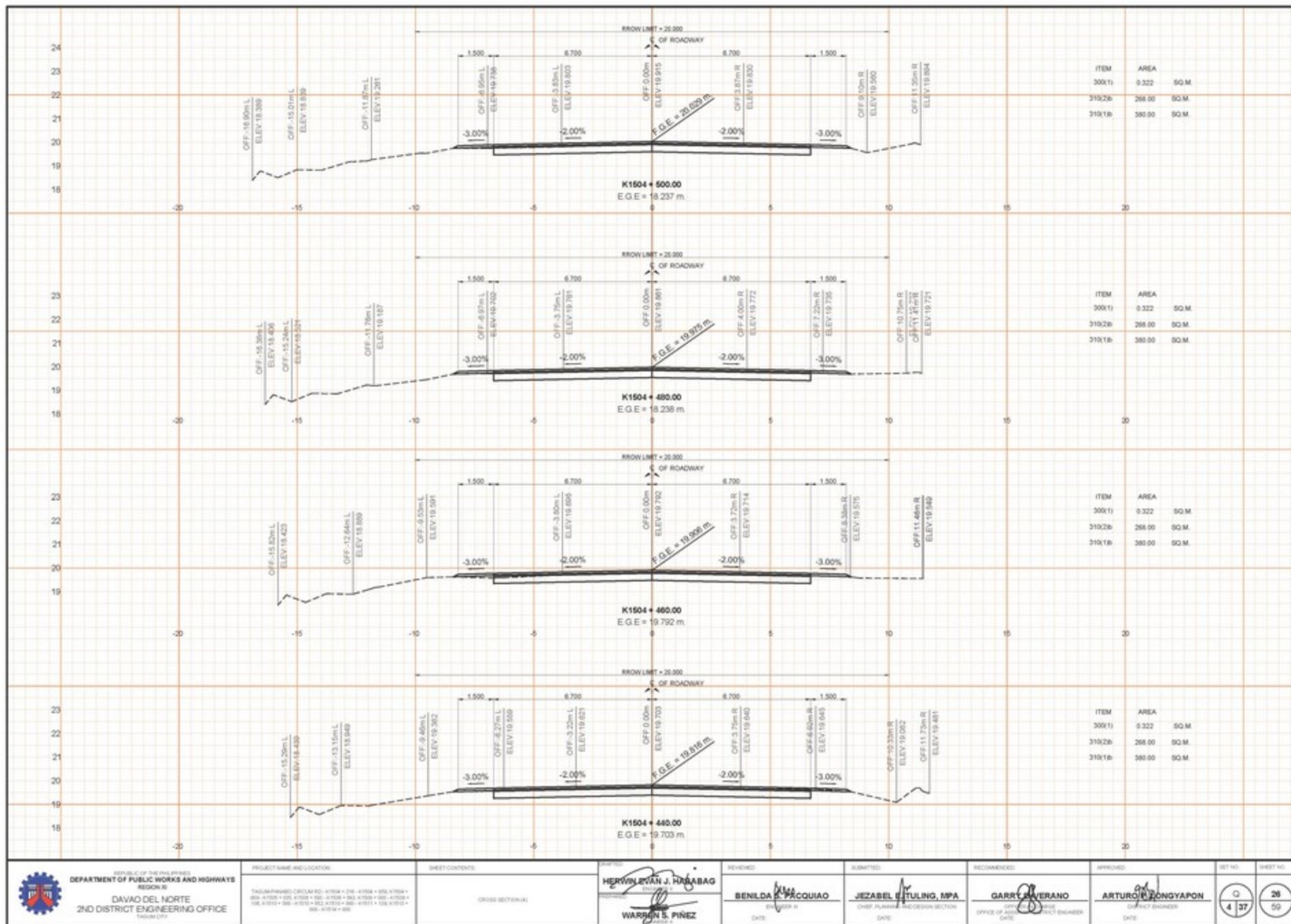
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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV
DAVAO DEL NORTE
2ND DISTRICT ENGINEERING OFFICE
TAKUR CITY

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

SHEET CONTENTS

CROSS SECTIONAL

DESIGNED BY

HERWIN EVAN J. RAMABAG

DESIGNED BY

HERWIN EVAN J. RAMABAG

DESIGNED BY

HERWIN EVAN J. RAMABAG

REVIEWED BY

BENILDA P. ACQUIAO

REVIEWED BY

BENILDA P. ACQUIAO

REVIEWED BY

BENILDA P. ACQUIAO

SUBMITTED BY

JEZABEL E. TULING, MPA

SUBMITTED BY

JEZABEL E. TULING, MPA

SUBMITTED BY

JEZABEL E. TULING, MPA

RECOMMENDED BY

GARRY J. RIVERANO

RECOMMENDED BY

GARRY J. RIVERANO

RECOMMENDED BY

GARRY J. RIVERANO

APPROVED BY

ARTURO P. ZONGYAPON

APPROVED BY

ARTURO P. ZONGYAPON

APPROVED BY

ARTURO P. ZONGYAPON

SHEET NO.

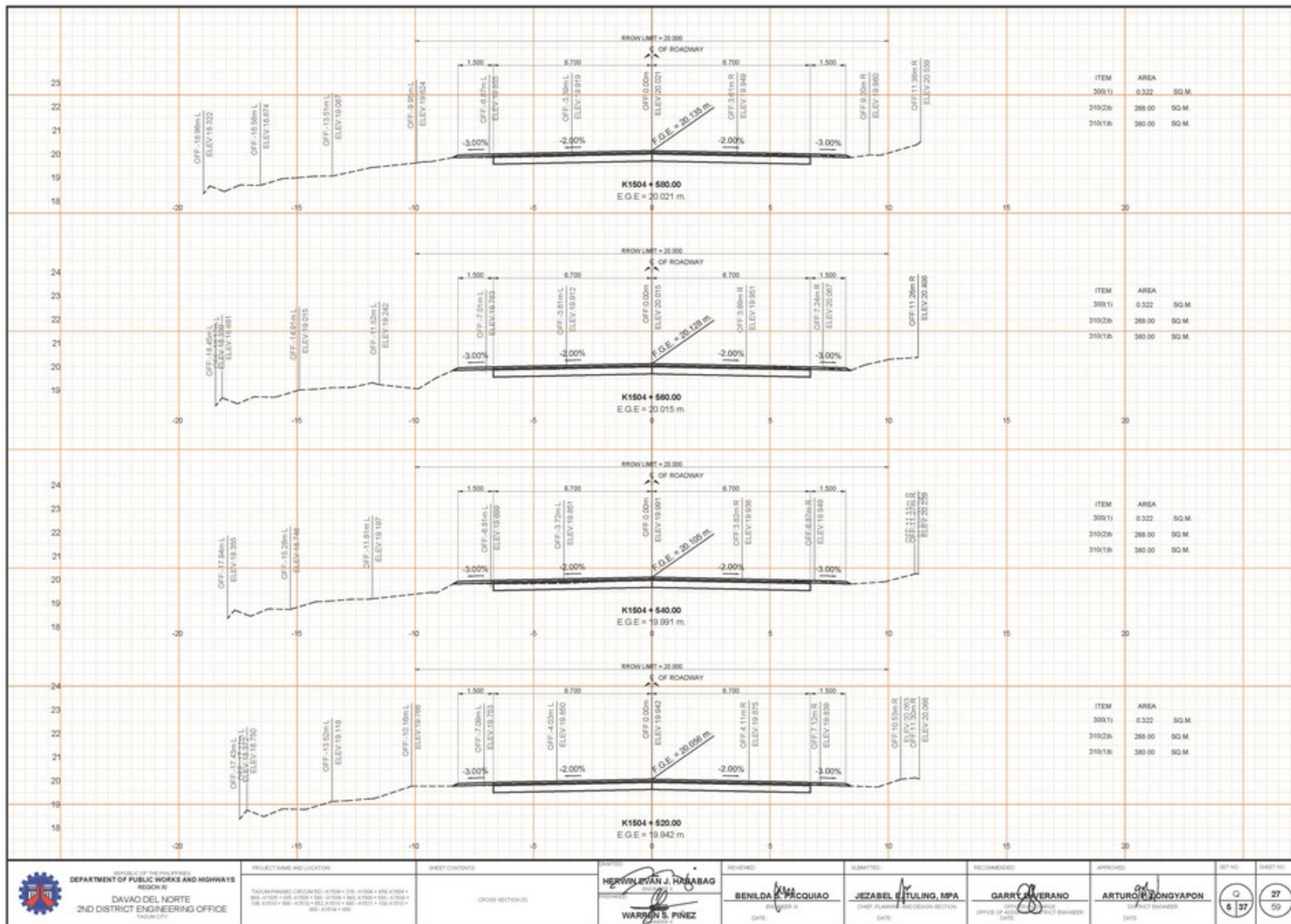
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SHEET NO.

26

SHEET NO.

26



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGION IV
 DAVAO DEL NORTE
 2ND DISTRICT ENGINEERING OFFICE
 TAGUR CITY

PROJECT NAME AND LOCATION

SHEET CONTENTS

CROSS SECTIONS

DESIGNED BY

HERWIN EVAN J. RAMABAG

WARRIN S. PINEZ

REVIEWED BY

BENILDA A. MACQUIAO

DATE

SUBMITTED BY

JEZABEL E. TULING, MPA

DATE

RECOMMENDED BY

GARRY RIVERANO

DATE

APPROVED BY

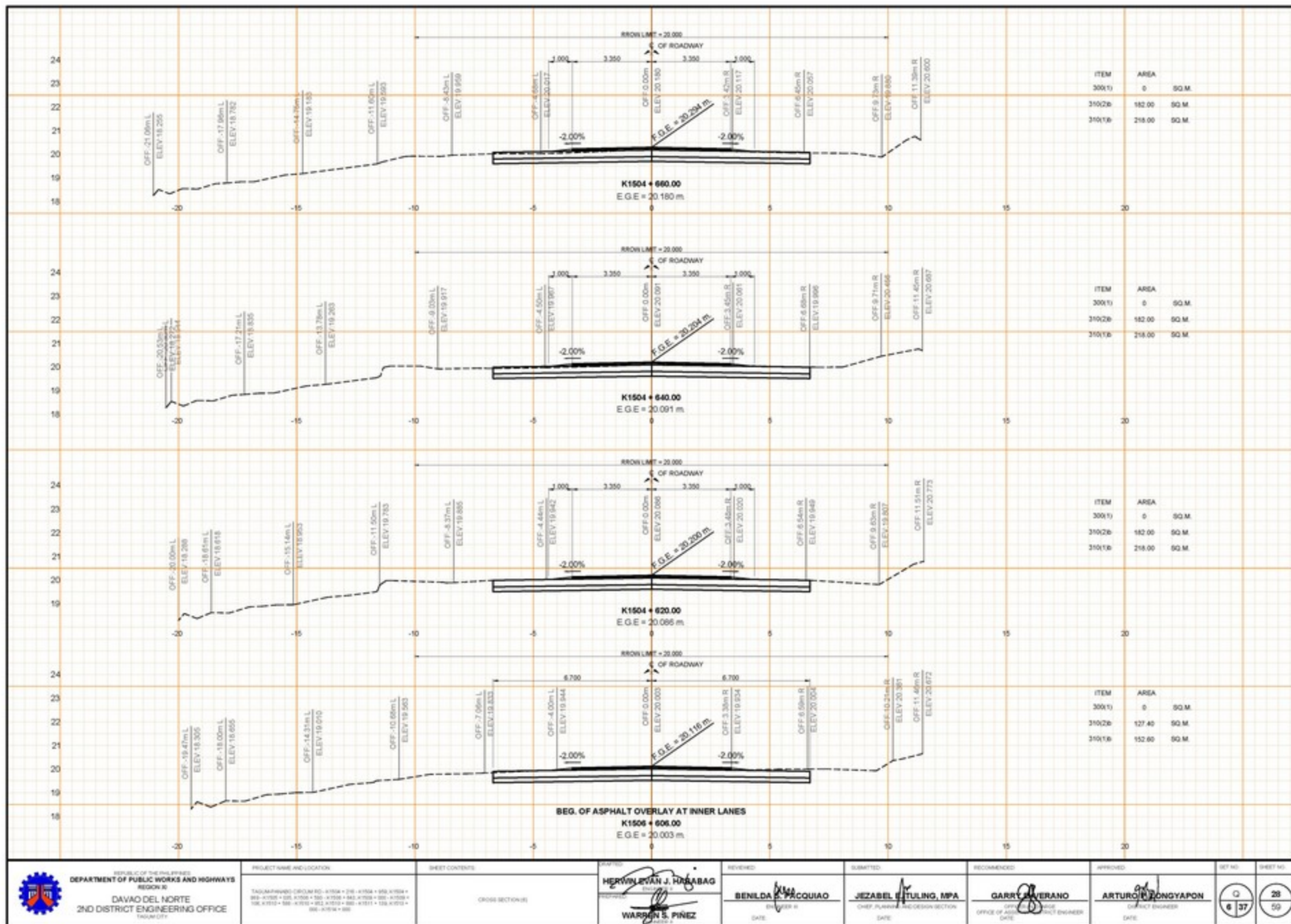
ARTURO P. ZONGYAPON

DATE

SHEET NO.

27

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REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGION IV
 DAVAO DEL NORTE
 2ND DISTRICT ENGINEERING OFFICE
 TAGAY CITY

PROJECT NAME AND LOCATION

TAGAY CITY - DAVAO DEL NORTE
 1. TAGAY CITY - DAVAO DEL NORTE
 2. TAGAY CITY - DAVAO DEL NORTE
 3. TAGAY CITY - DAVAO DEL NORTE
 4. TAGAY CITY - DAVAO DEL NORTE
 5. TAGAY CITY - DAVAO DEL NORTE
 6. TAGAY CITY - DAVAO DEL NORTE
 7. TAGAY CITY - DAVAO DEL NORTE
 8. TAGAY CITY - DAVAO DEL NORTE
 9. TAGAY CITY - DAVAO DEL NORTE
 10. TAGAY CITY - DAVAO DEL NORTE

SHEET CONTENTS

CROSS SECTIONS

DESIGNED BY

HERWIN EVAN J. RAMABAG

WARRON S. PINEZ

REVIEWED BY

BENILDA A. MACQUIAO

DATE

SUBMITTED BY

JEZABEL E. TULING, MPA

DATE

RECOMMENDED BY

GARRY A. VERANO

DATE

APPROVED BY

ARTURO D. RONGYAPON

DATE

SHEET NO.

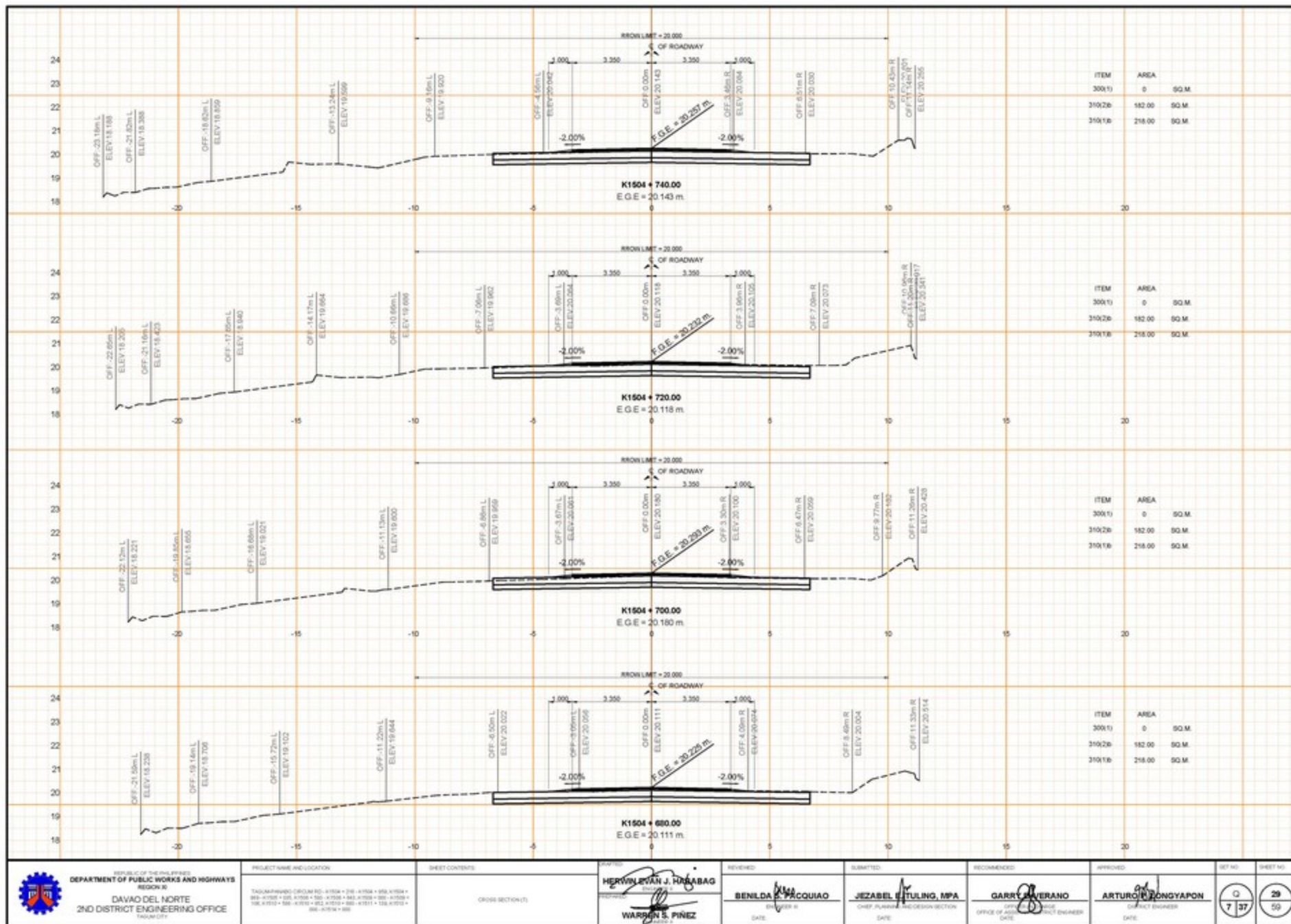
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SHEET NO.

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REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGION 8
 DAVAO DEL NORTE
 2ND DISTRICT ENGINEERING OFFICE
 TAGAY CITY

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

SHEET CONTENTS

CROSS SECTION(S)

DESIGNED BY

HERWIN EVAN J. RAMABAG

DESIGNED BY

HERWIN EVAN J. RAMABAG

DESIGNED BY

HERWIN EVAN J. RAMABAG

REVIEWED

BENILDA A. MACQUIAO

REVIEWED

BENILDA A. MACQUIAO

REVIEWED

BENILDA A. MACQUIAO

SUBMITTED

JEZABEL E. TULING, MPA

SUBMITTED

JEZABEL E. TULING, MPA

SUBMITTED

JEZABEL E. TULING, MPA

RECOMMENDED

GARRY A. VERANO

RECOMMENDED

GARRY A. VERANO

RECOMMENDED

GARRY A. VERANO

APPROVED

ARTURO P. RONGYAPON

APPROVED

ARTURO P. RONGYAPON

APPROVED

ARTURO P. RONGYAPON

SHEET NO.

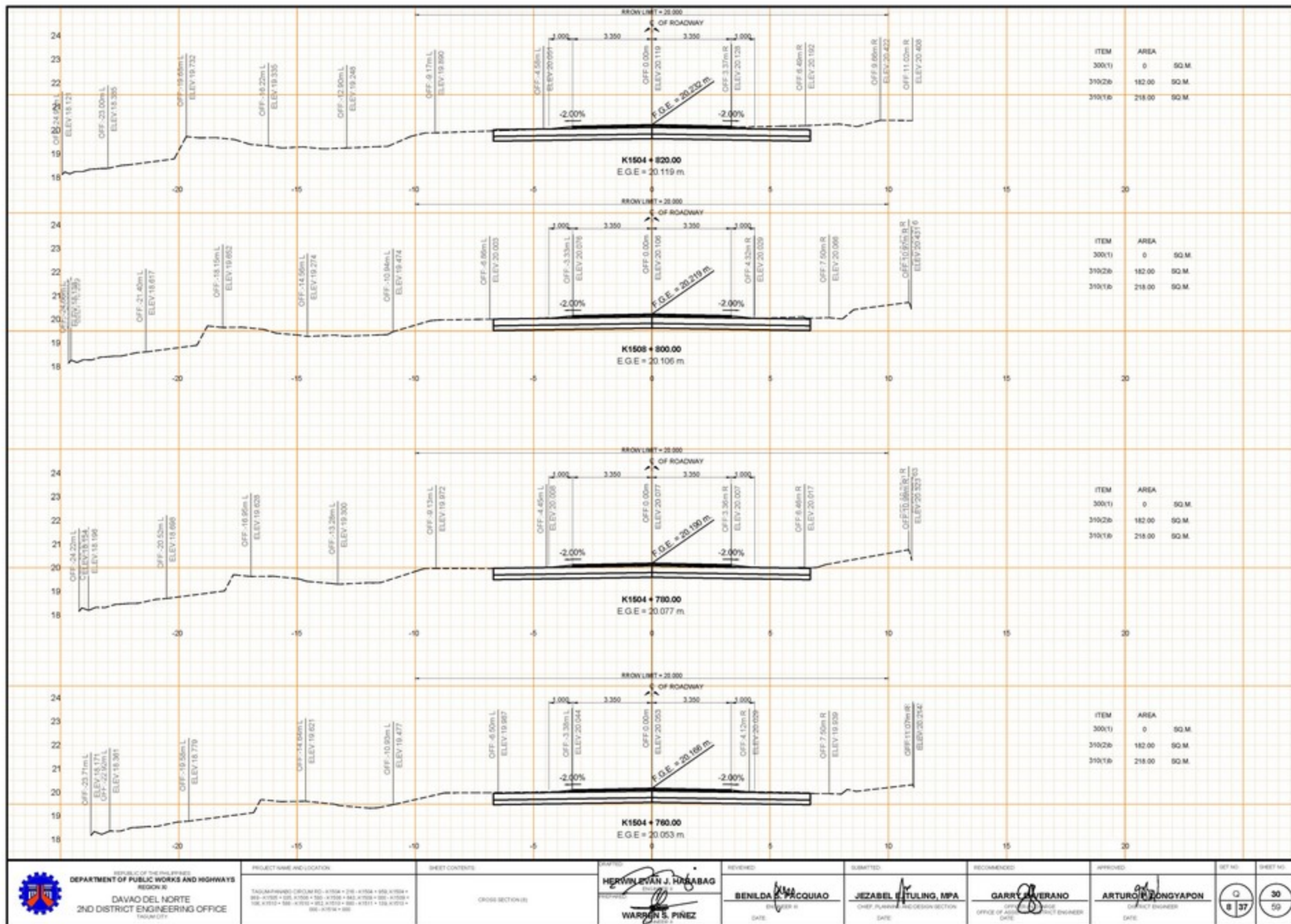
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SHEET NO.

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SHEET NO.

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REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGION 8
 DAVAO DEL NORTE
 2ND DISTRICT ENGINEERING OFFICE
 TAGBILAR CITY

PROJECT NAME AND LOCATION

TAGBILAR (PANGAS) CIRCULAR RD. - K1504 + 760 - K1504 + 820

889 - K1505 + 000 - K1505 + 100 - K1505 + 200 - K1505 + 300 - K1505 + 400

106 - K1510 + 000 - K1510 + 100 - K1510 + 200 - K1510 + 300 - K1510 + 400

106 - K1515 + 000 - K1515 + 100 - K1515 + 200 - K1515 + 300 - K1515 + 400

SHEET CONTENTS

CROSS SECTIONS

DESIGNED BY

HERWIN EVAN J. RAMABAG

WARRON S. PINEZ

DATE

DATE

REVIEWED BY

BENILDA MACQUIAO

DATE

DATE

SUBMITTED BY

JEZABEL E. TULING, MPA

CHIEF PLANNING AND DESIGN SECTION

DATE

DATE

RECOMMENDED BY

GARRY J. AVERANO

CHIEF PLANNING AND DESIGN SECTION

DATE

DATE

APPROVED BY

ARTURO P. ZONGYAPON

DISTRICT ENGINEER

DATE

DATE

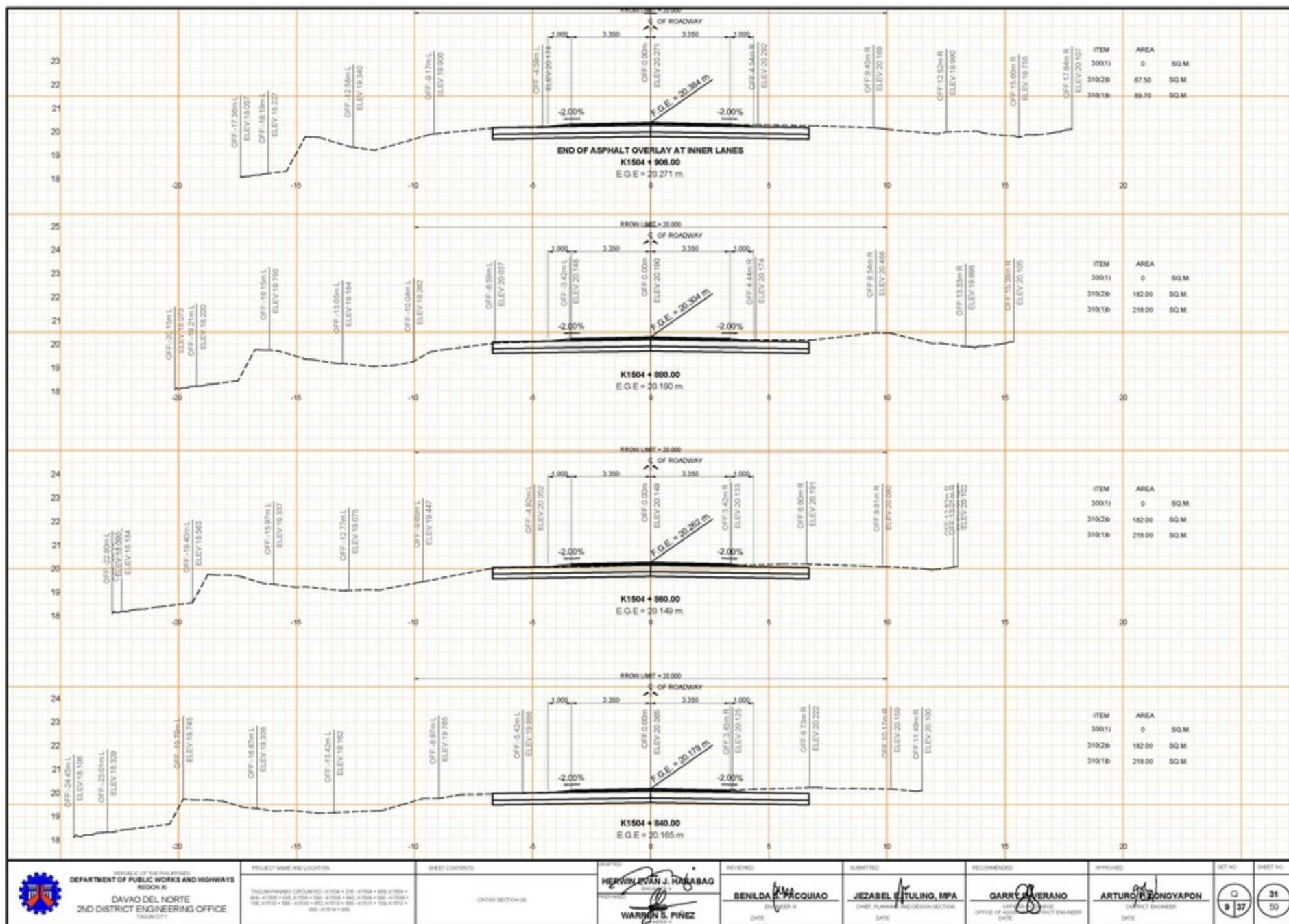
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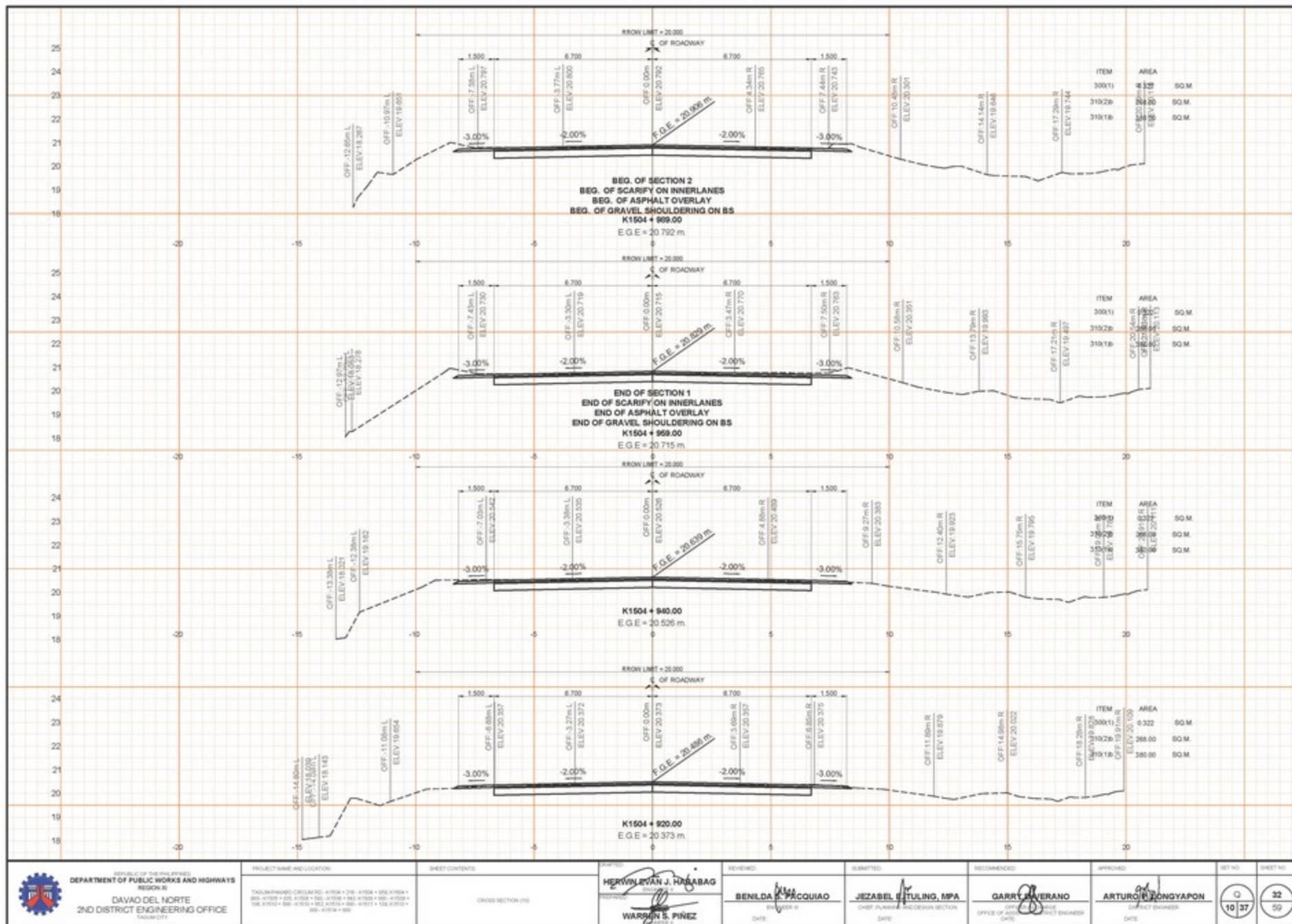
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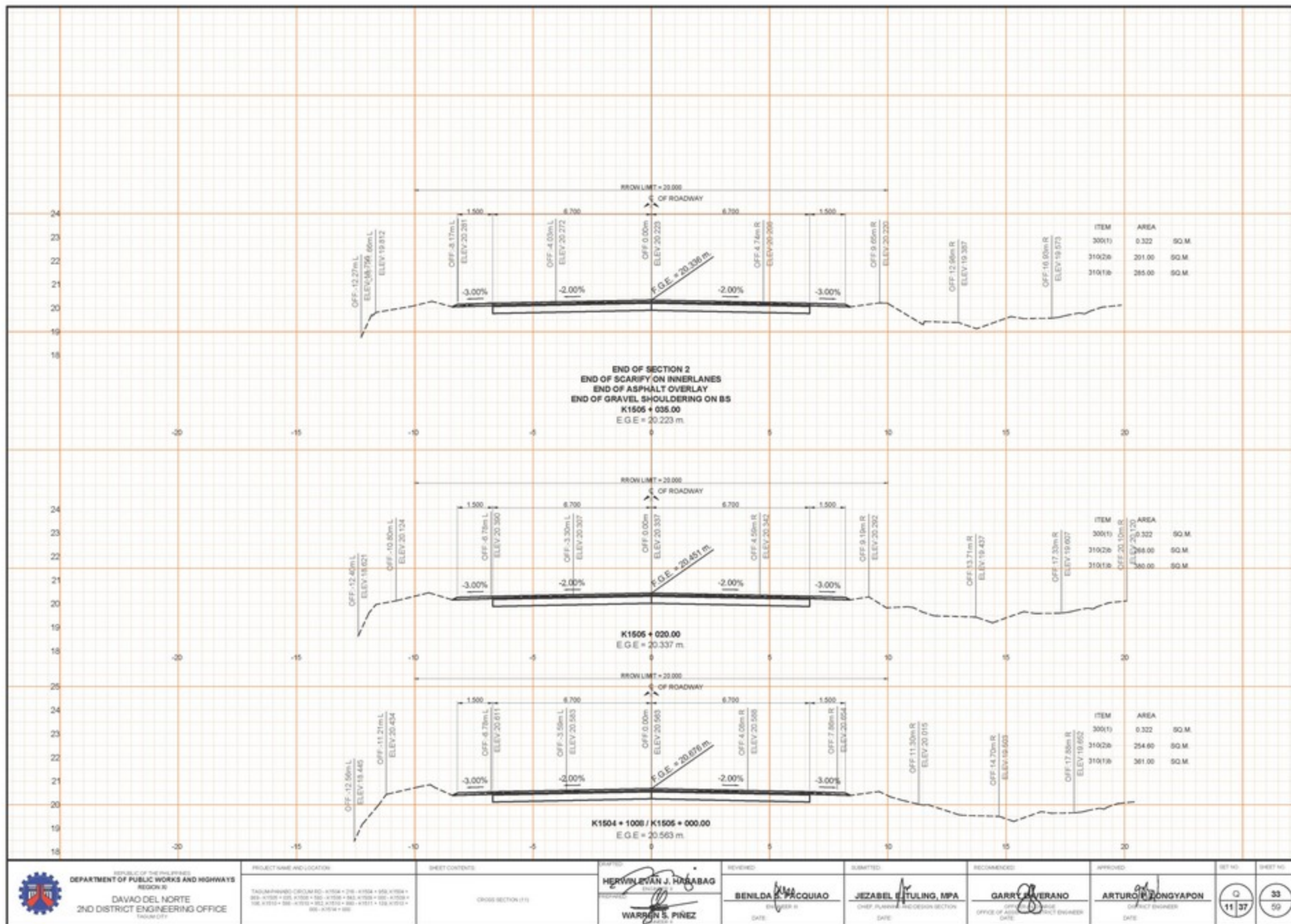
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REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGION IV
 DAVAO DEL NORTE
 2ND DISTRICT ENGINEERING OFFICE
 TAGBILAR CITY

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

PROJECT NAME AND LOCATION

SHEET CONTENTS

CROSS SECTION (1/1)

DESIGNED BY

HERWIN EVAN J. RAMABAG

DESIGNED BY

HERWIN EVAN J. RAMABAG

DESIGNED BY

HERWIN EVAN J. RAMABAG

REVIEWED

BENILDA A. MACQUIAO

REVIEWED

BENILDA A. MACQUIAO

REVIEWED

BENILDA A. MACQUIAO

SUBMITTED

JEZABEL E. TULING, MPA

SUBMITTED

JEZABEL E. TULING, MPA

SUBMITTED

JEZABEL E. TULING, MPA

RECOMMENDED

GARRY R. BAVERANO

RECOMMENDED

GARRY R. BAVERANO

RECOMMENDED

GARRY R. BAVERANO

APPROVED

ARTURO P. ZONGAYON

APPROVED

ARTURO P. ZONGAYON

APPROVED

ARTURO P. ZONGAYON

SHEET NO.

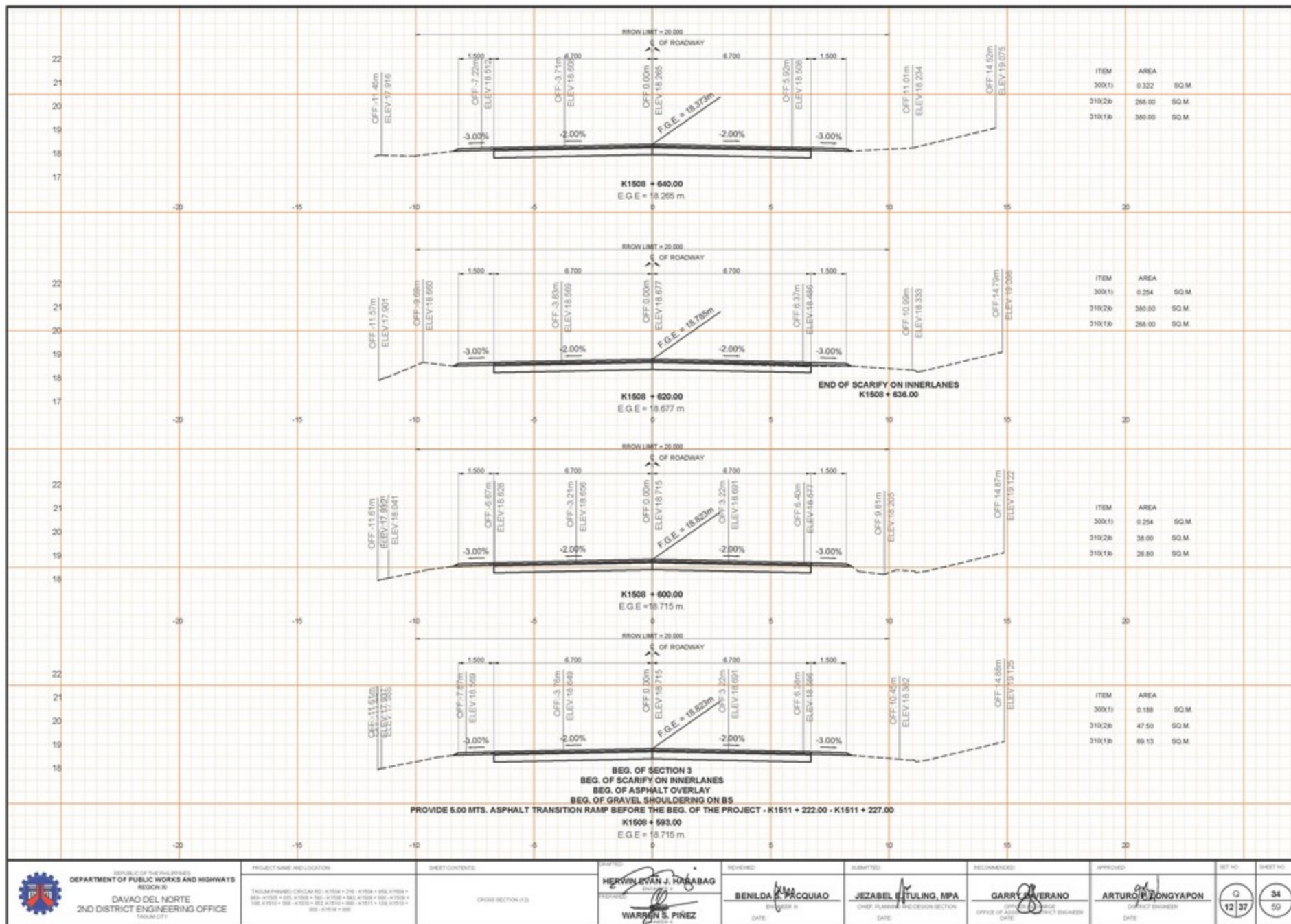
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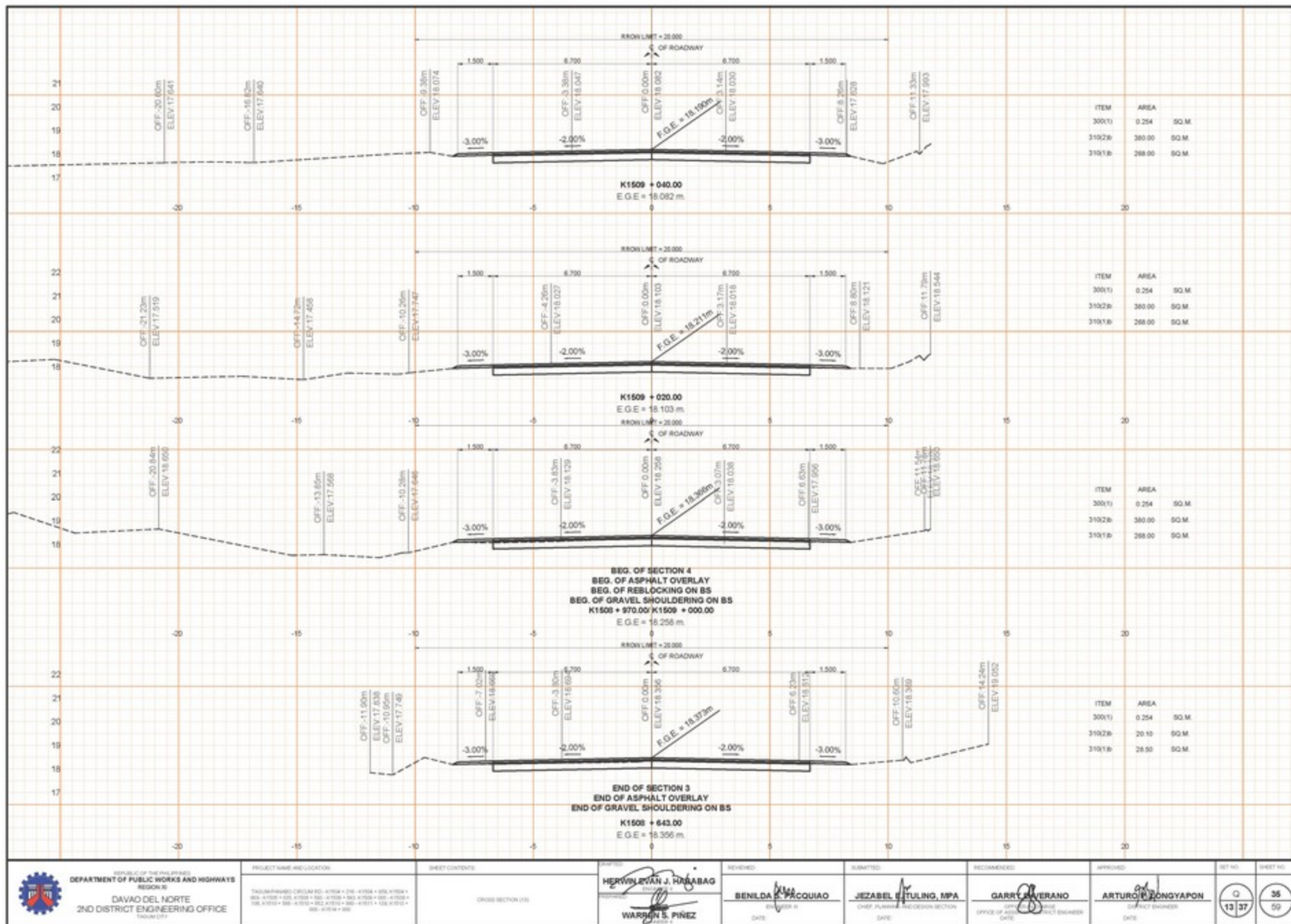
SHEET NO.

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SHEET NO.

59





REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV-A
DAVAO DEL NORTE
2ND DISTRICT ENGINEERING OFFICE
TAKLOKAN CITY

PROJECT NAME AND LOCATION
SHEET CONTENTS
CROSS SECTION (1/3)

DESIGNED BY
HERWIN EVAN J. RAMABAG
CHECKED BY
WARREN S. PINEZ

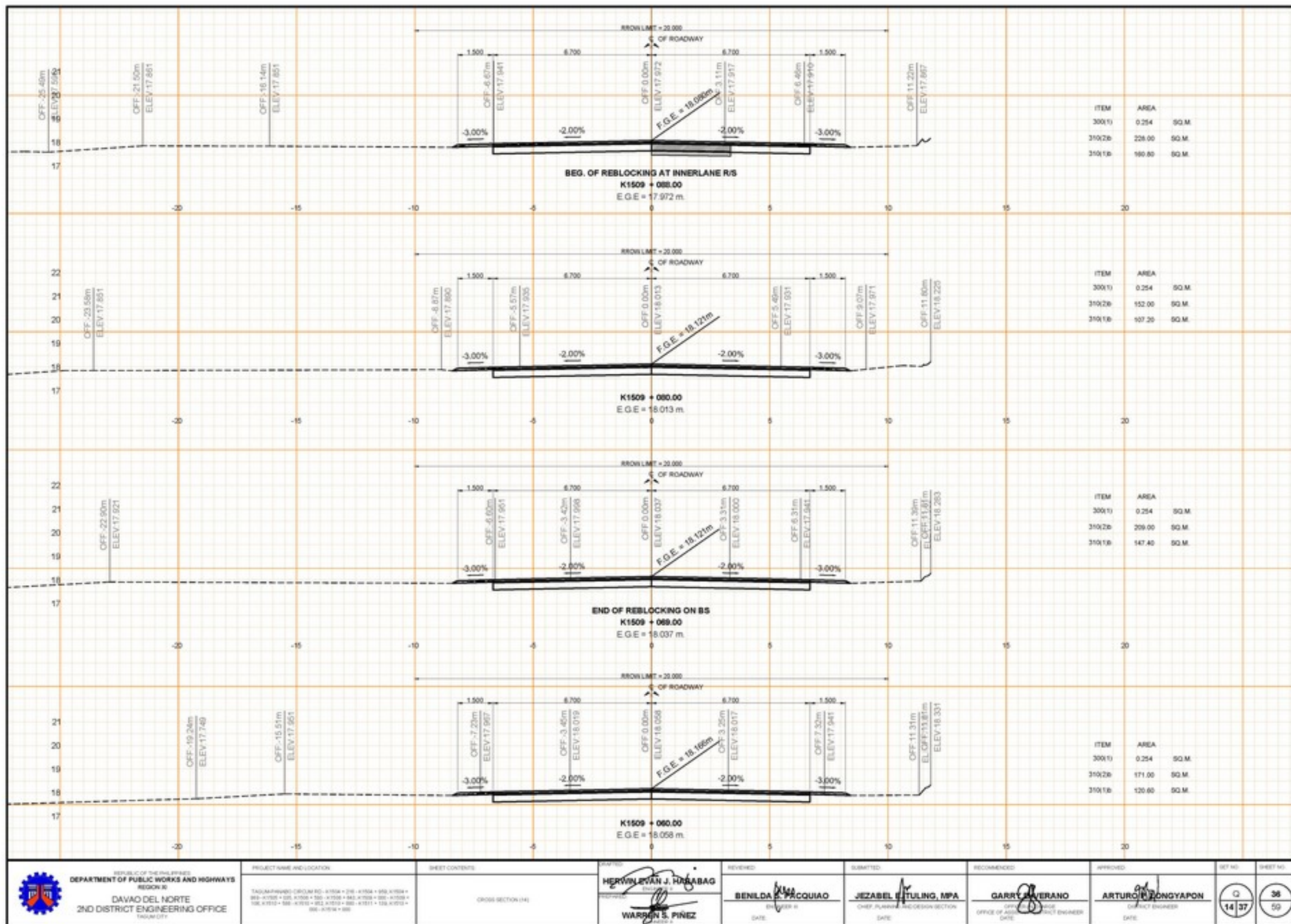
REVIEWED BY
BENILDA A. MACQUIAO
DATE

SUBMITTED BY
JEZABEL E. TULING, MPA
DATE

RECOMMENDED BY
GARRY A. VERANO
DATE

APPROVED BY
ARTURO P. RONGYAPON
DATE

SHEET NO.
13
37
35
59



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGION IV
 DAVAO DEL NORTE
 2ND DISTRICT ENGINEERING OFFICE
 TAGAY CITY

PROJECT NAME AND LOCATION
 TAGAY CITY - CORTADO RD. - K1509 + 280 - K1509 + 280
 TAGAY CITY - CORTADO RD. - K1509 + 280 - K1509 + 280
 TAGAY CITY - CORTADO RD. - K1509 + 280 - K1509 + 280
 TAGAY CITY - CORTADO RD. - K1509 + 280 - K1509 + 280

SHEET CONTENTS
 CROSS SECTION (14)

DESIGNED BY
 HERWIN EVAN J. RAMABAG
 CHECKED BY
 WARREN S. PINEZ

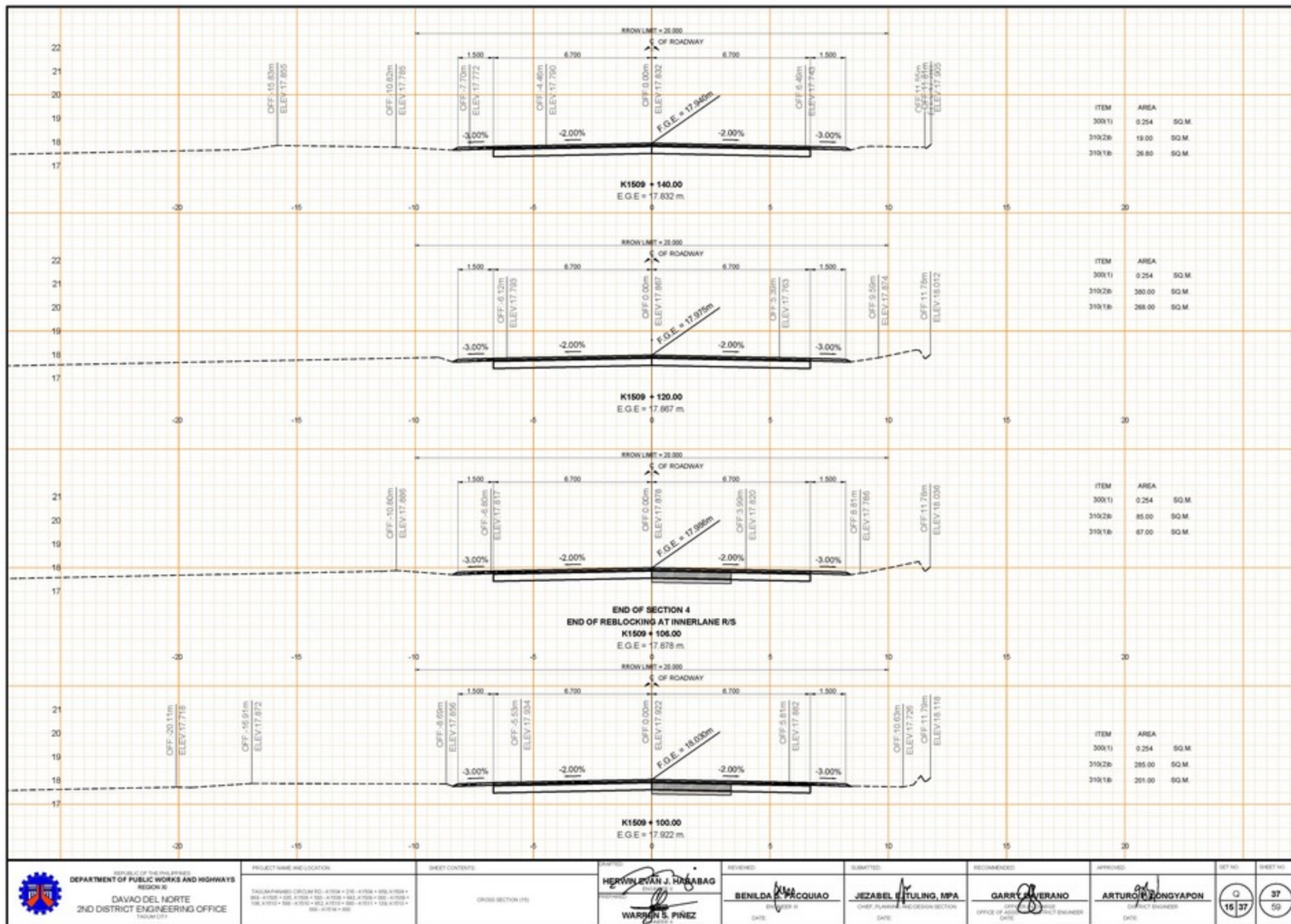
REVIEWED BY
 BENILDA A. MACQUIAO
 ENGINEER R
 DATE

SUBMITTED BY
 JIZABEL E. TULING, MPA
 CHIEF PLANNER / DESIGN SECTION
 DATE

RECOMMENDED BY
 GARRY A. VERANO
 CHIEF PLANNER / DESIGN SECTION
 DATE

APPROVED BY
 ARTURO P. RONGYAPON
 DISTRICT ENGINEER
 DATE

SHEET NO.
 14
 SHEET NO.
 36
 59



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION IV
DAVAO DEL NORTE
2ND DISTRICT ENGINEERING OFFICE
TANAU CITY

PROJECT NAME AND LOCATION

TANAU (PUNAS) - CORTINA RD. - K1504 + 210 - K1504 + 300
K1504 + 300 - K1504 + 350 - K1504 + 400 - K1504 + 450
K1504 + 450 - K1504 + 500 - K1504 + 550 - K1504 + 600 - K1504 + 650
K1504 + 650 - K1504 + 700 - K1504 + 750 - K1504 + 800 - K1504 + 850
K1504 + 850 - K1504 + 900 - K1504 + 950 - K1504 + 1000

SHEET CONTENTS

CROSS SECTION (15)

DESIGNED BY

HERWIN EVAN J. RAMABAG
ENGINEER
WARREN S. PINEZ

REVIEWED BY

BENILDA A. MACQUIAO
ENGINEER II
DATE

SUBMITTED BY

JEZABEL E. TULING, MPA
CHIEF PLANNING AND DESIGN SECTION
DATE

RECOMMENDED BY

GARRY A. VERANO
CHIEF PLANNING AND DESIGN SECTION
DATE

APPROVED BY

ARTURO M. RONGYAPON
DISTRICT ENGINEER
DATE

SHEET NO.

15

SHEET NO.

37

