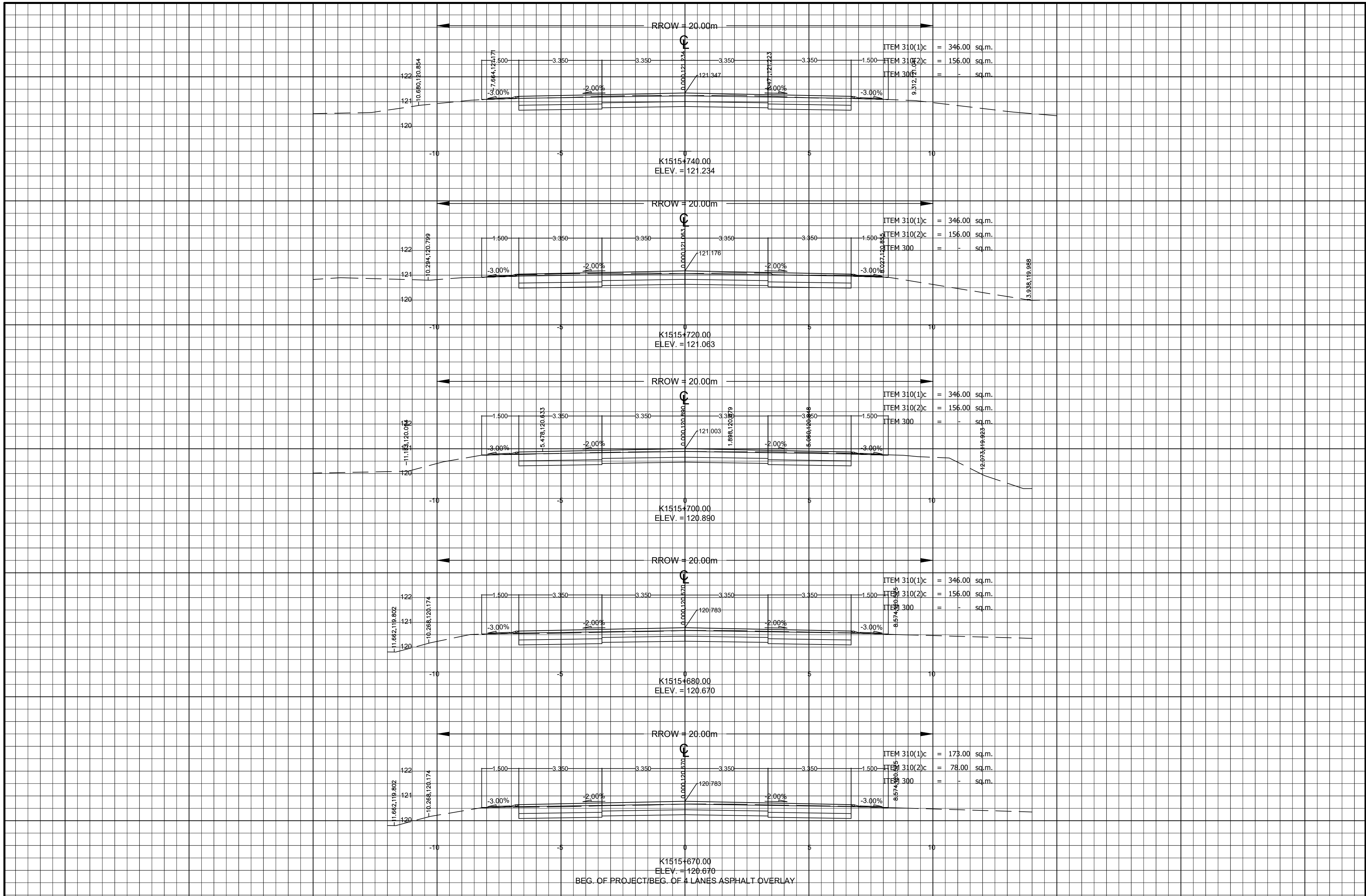
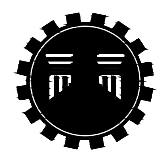
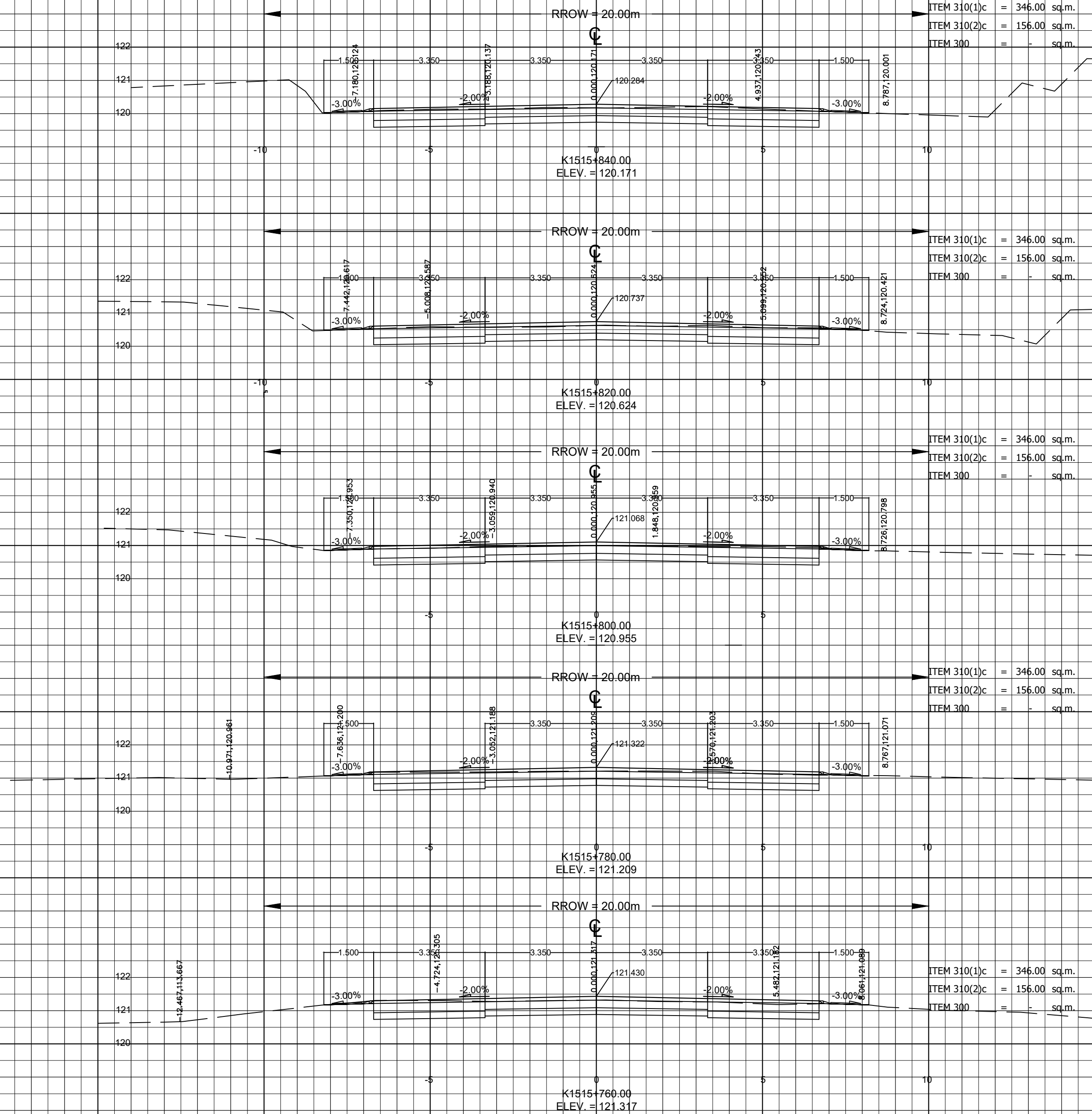






REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION XI
DAVAO DEL NORTE
2ND DISTRICT ENGINEERING OFFICE
TAGUM CITY

PROJECT NAME AND LOCATION:

TAGUM-PANABO CIRCUM RD. -
K1515+670 - K1517+165

SHEET CONTENTS:

CROSS SECTION

DRAFTED:

HERWIN EVAN J. HABABAG
ENGINEER II
PREPARED:
WARREN S. PIÑEZ
ENGINEER II

REVIEWED:

BENILDA S. PACQUIAO
ENGINEER III
DATE:

SUBMITTED:

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

RECOMMENDED:

GARRY E. VERANO
OFFICER-IN-CHARGE
OFFICE OF THE ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:

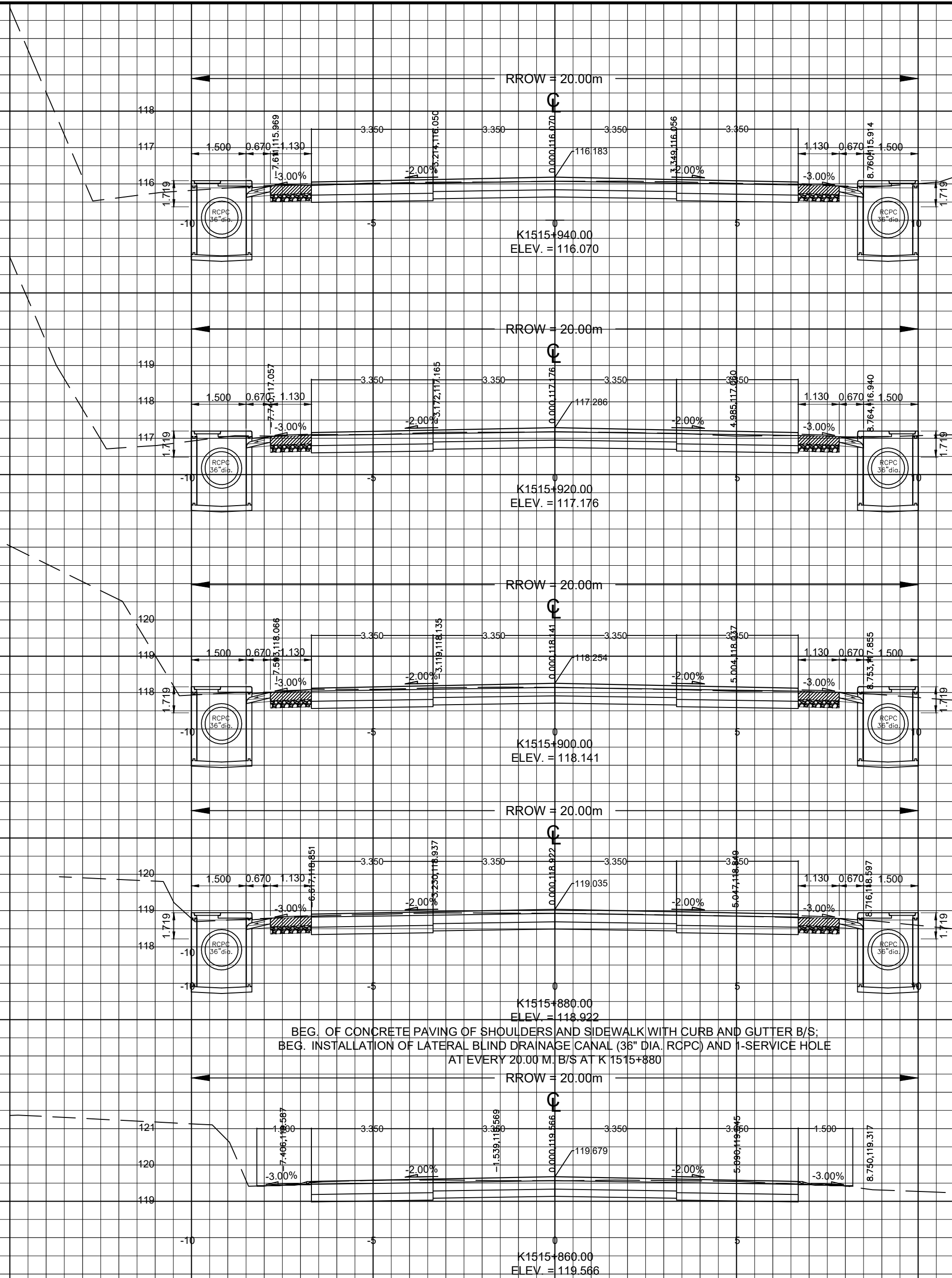
ARTURO R. LONGYAPON
DISTRICT ENGINEER
DATE:

SET NO.

0
2 12

SHEET NO.

21
31



CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.033	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.145	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	10.873	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	0.118	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	10.714	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

ITEM 310(1)c = 346.00 sq.m.
ITEM 310(2)c = 156.00 sq.m.
ITEM 300 = - sq.m.

BEG. OF CONCRETE PAVING OF SHOULDERS AND SIDEWALK WITH CURB AND GUTTER B/S:
BEG. INSTALLATION OF LATERAL BLIND DRAINAGE CANAL (36" DIA. RCPC) AND 1-SERVICE HOLE
AT EVERY 20.00 M. B/S AT K1515+880



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

PROJECT NAME AND LOCATION:

TAGUM-PANABO CIRCUM RD. -
K1515+670 - K1517+165

SHEET CONTENTS:

CROSS SECTION

DRAFTED:

HERWIN EVAN J. HABABAG
ENGINEER II
PREPARED:
WARREN S. PIÑEZ
ENGINEER II

REVIEWED:

BENILDA S. PACQUIAO
ENGINEER III
DATE:

SUBMITTED:

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

RECOMMENDED:

GARRY E. VERANO
OFFICER-IN-CHARGE
OFFICE OF THE ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:

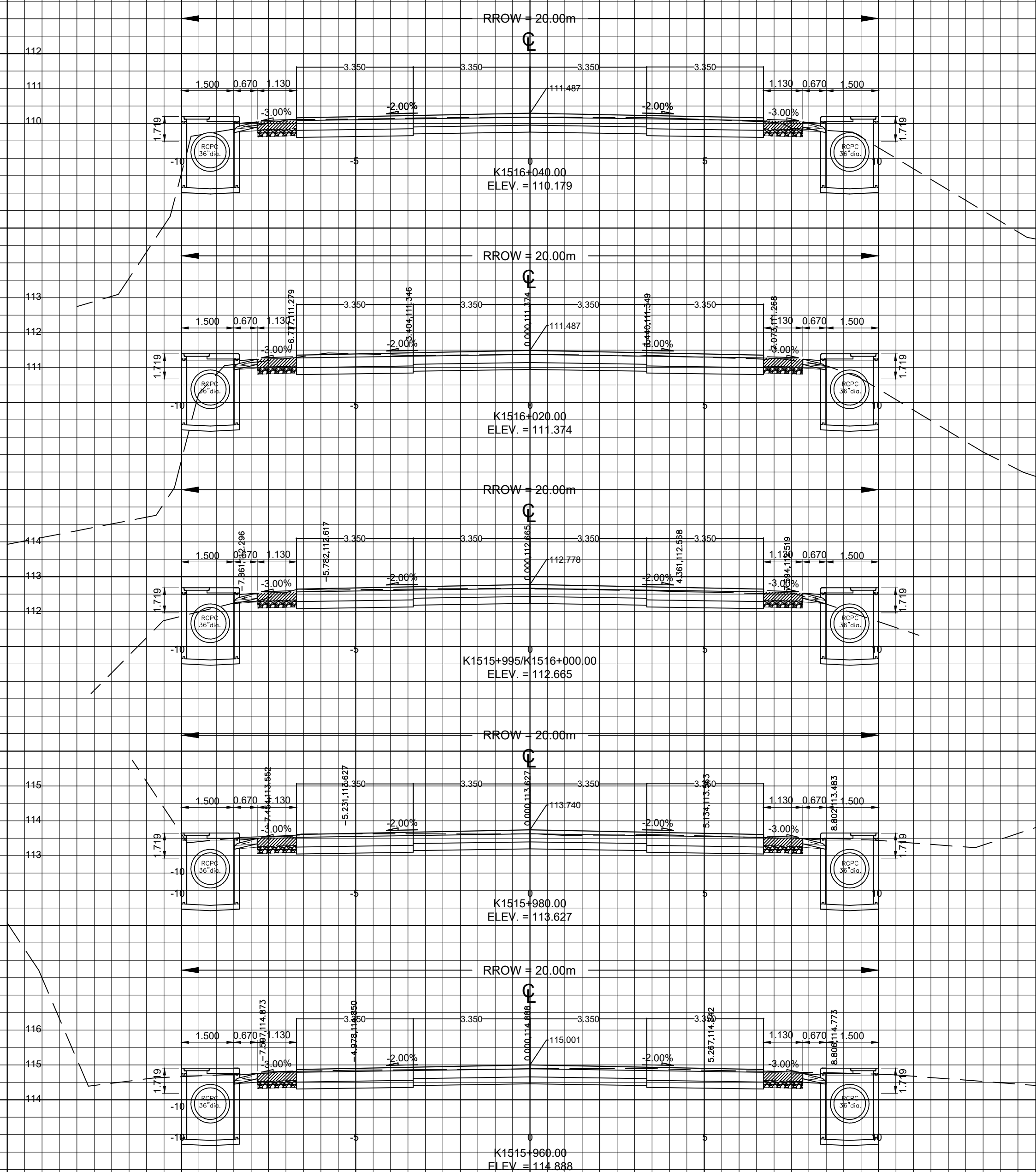
ARTURO R. LONGYAPON
DISTRICT ENGINEER
DATE:

SET NO.

0
3 12

SHEET NO.

22
31



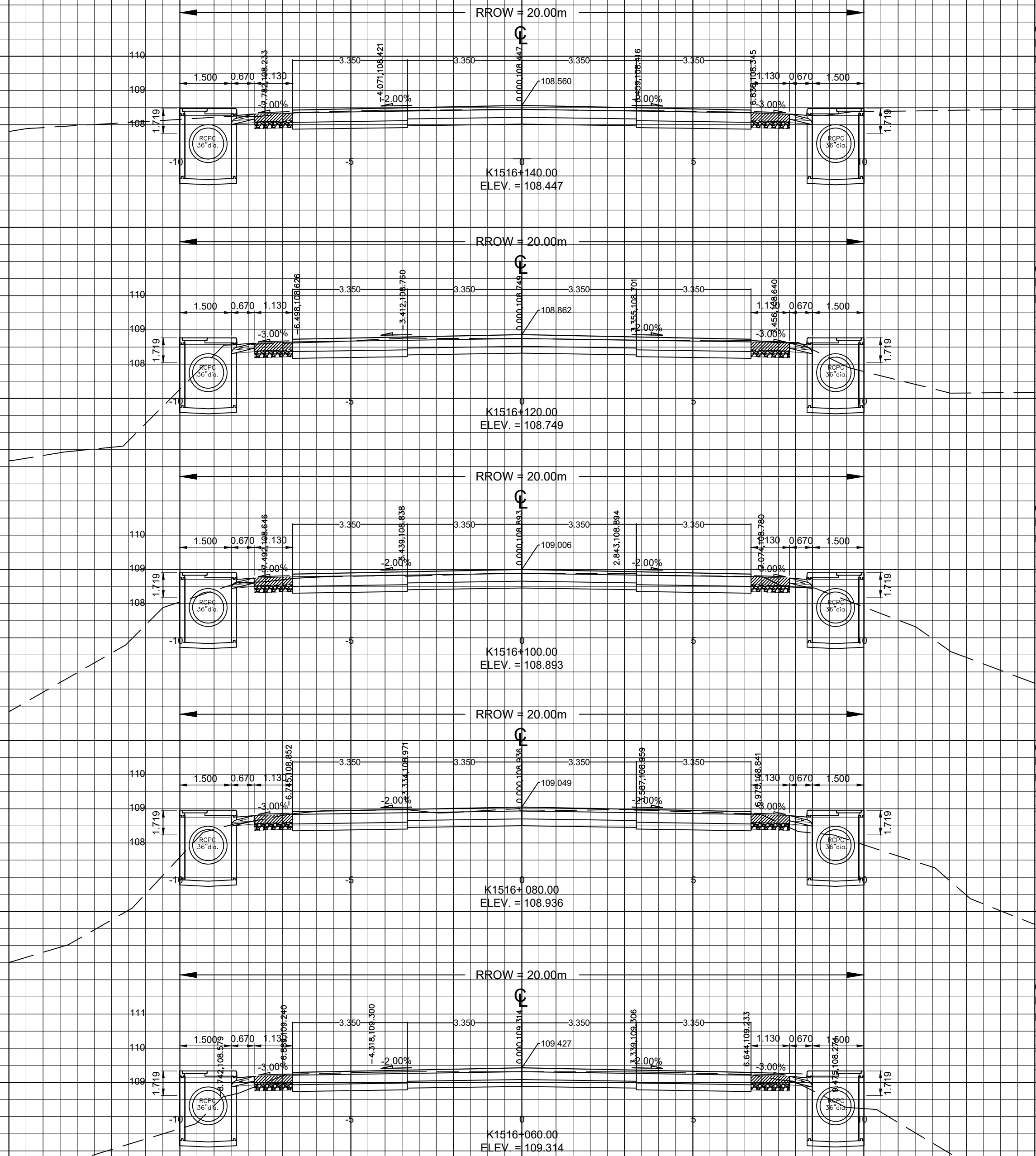
CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	8.348	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	7.329	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	8.558	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	259.50	sq.m.
310(2)c	=	117.00	sq.m.
103(1)	=	10.938	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.854	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.



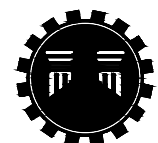
CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	10.883	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	8.151	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	8.599	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	7.783	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	6.790	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.



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

PROJECT NAME AND LOCATION:

TAGUM-PANABO CIRCUM RD. -
K1515+670 - K1517+165

SHEET CONTENTS:

CROSS SECTION

DRAFTED:

HERWIN EVAN J. HABABAG
ENGINEER II

PREPARED:

WARREN S. PIÑEZ
ENGINEER II

REVIEWED:

BENILDA S. PACQUIAO
ENGINEER III

DATE:

SUBMITTED:

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

DATE:

RECOMMENDED:

GARRY E. VERANO

OFFICER-IN-CHARGE
OFFICE OF THE ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:

ARTURO R. LONGYAPON

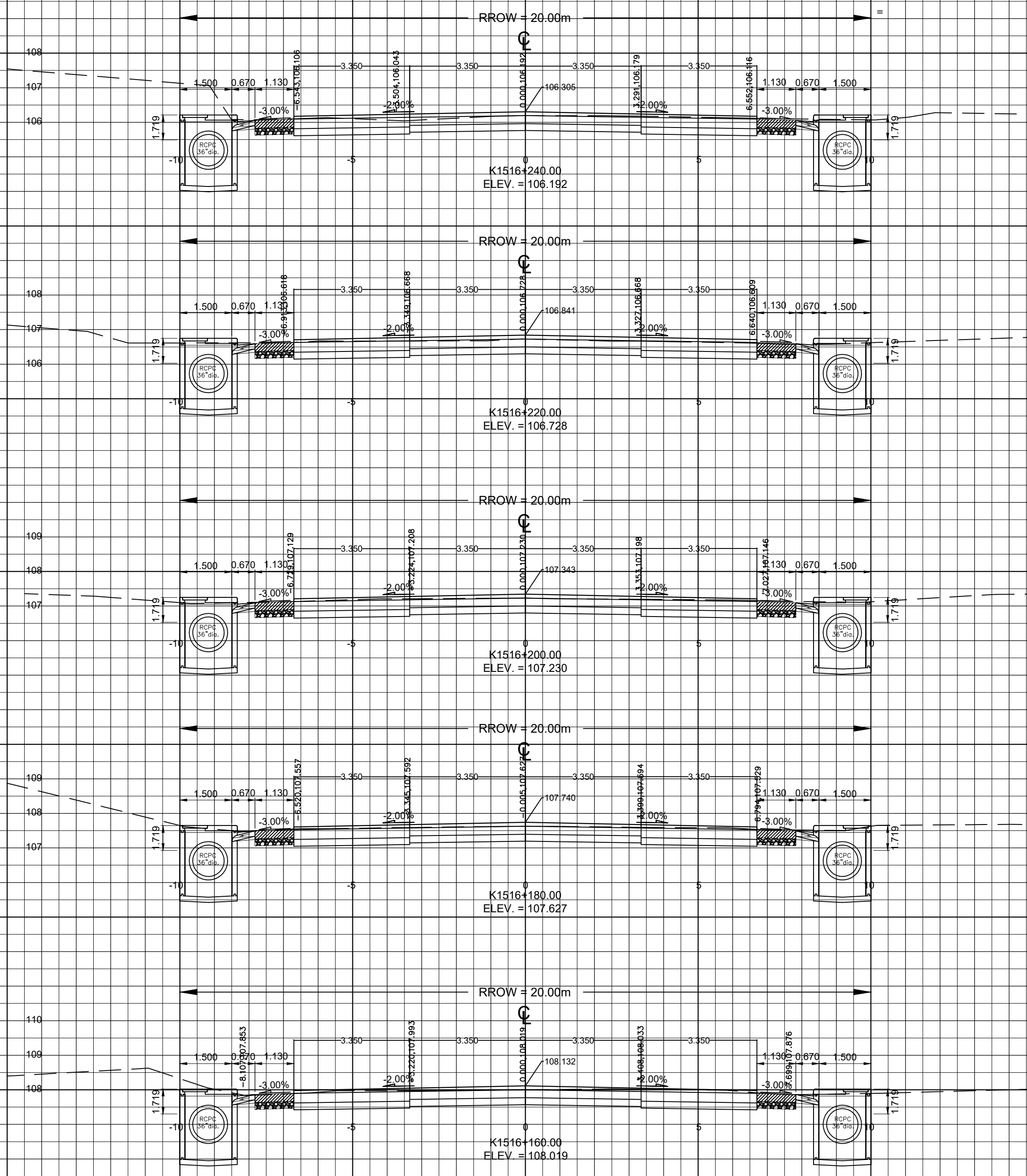
DISTRICT ENGINEER
DATE:

SET NO.

0
5 12

SHEET NO.

24
31



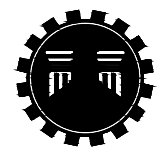
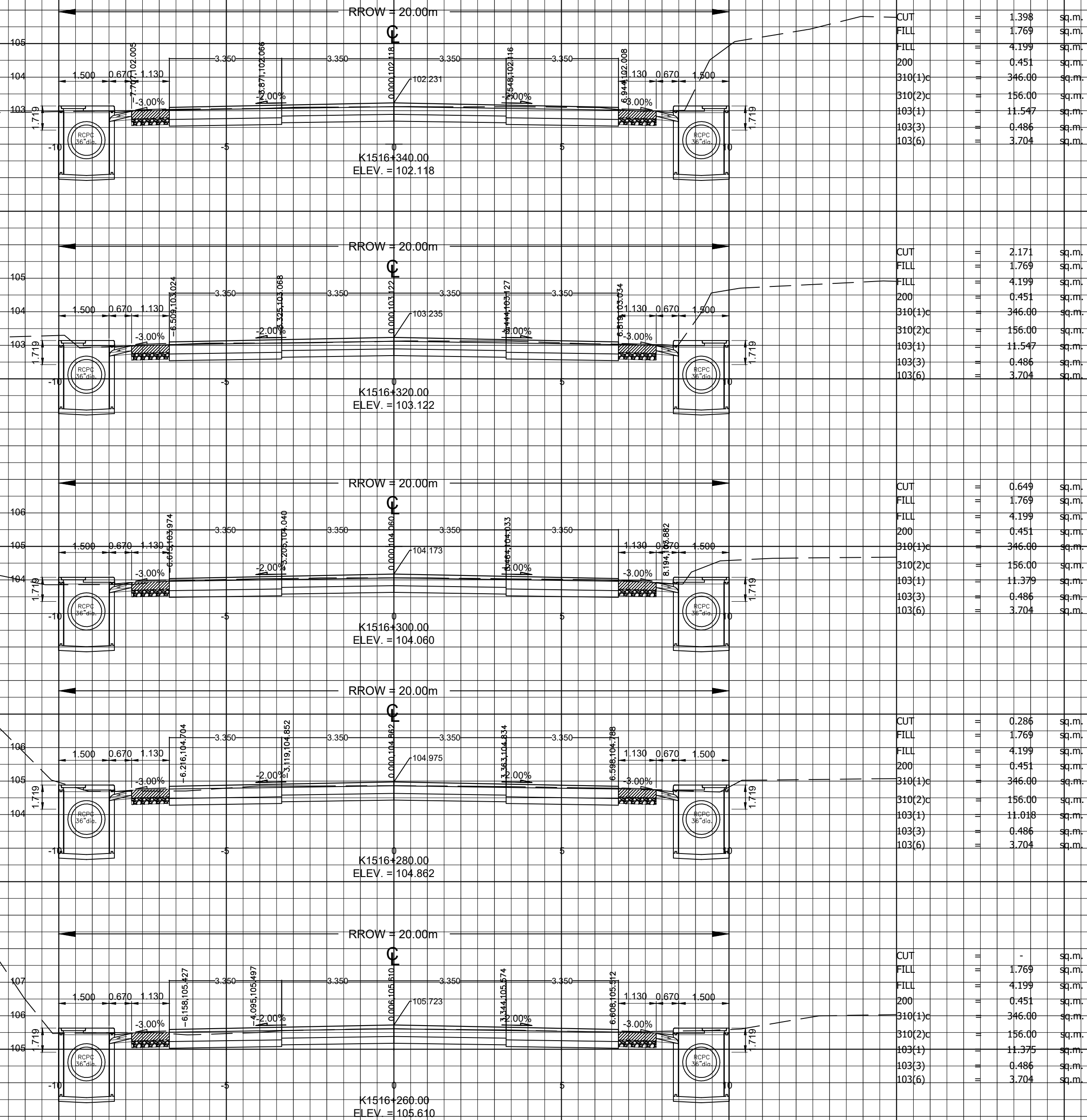
CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.603	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.202	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.163	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.327	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	0.313	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	346.00	sq.m.
310(2)c	=	156.00	sq.m.
103(1)	=	11.585	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.



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

PROJECT NAME AND LOCATION:

TAGUM-PANABO CIRCUM RD. -
K1515+670 - K1517+165

SHEET CONTENTS:

CROSS SECTION

DRAFTED:

HERWIN EVAN J. HABABAG
ENGINEER II

PREPARED:

WARREN S. PIÑEZ
ENGINEER II

REVIEWED:

BENILDA S. PACQUIAO
ENGINEER III

DATE:

SUBMITTED:

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

DATE:

RECOMMENDED:

GARRY E. VERANO

OFFICER-IN-CHARGE
OFFICE OF THE ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:

ARTURO R. LONGYAPON

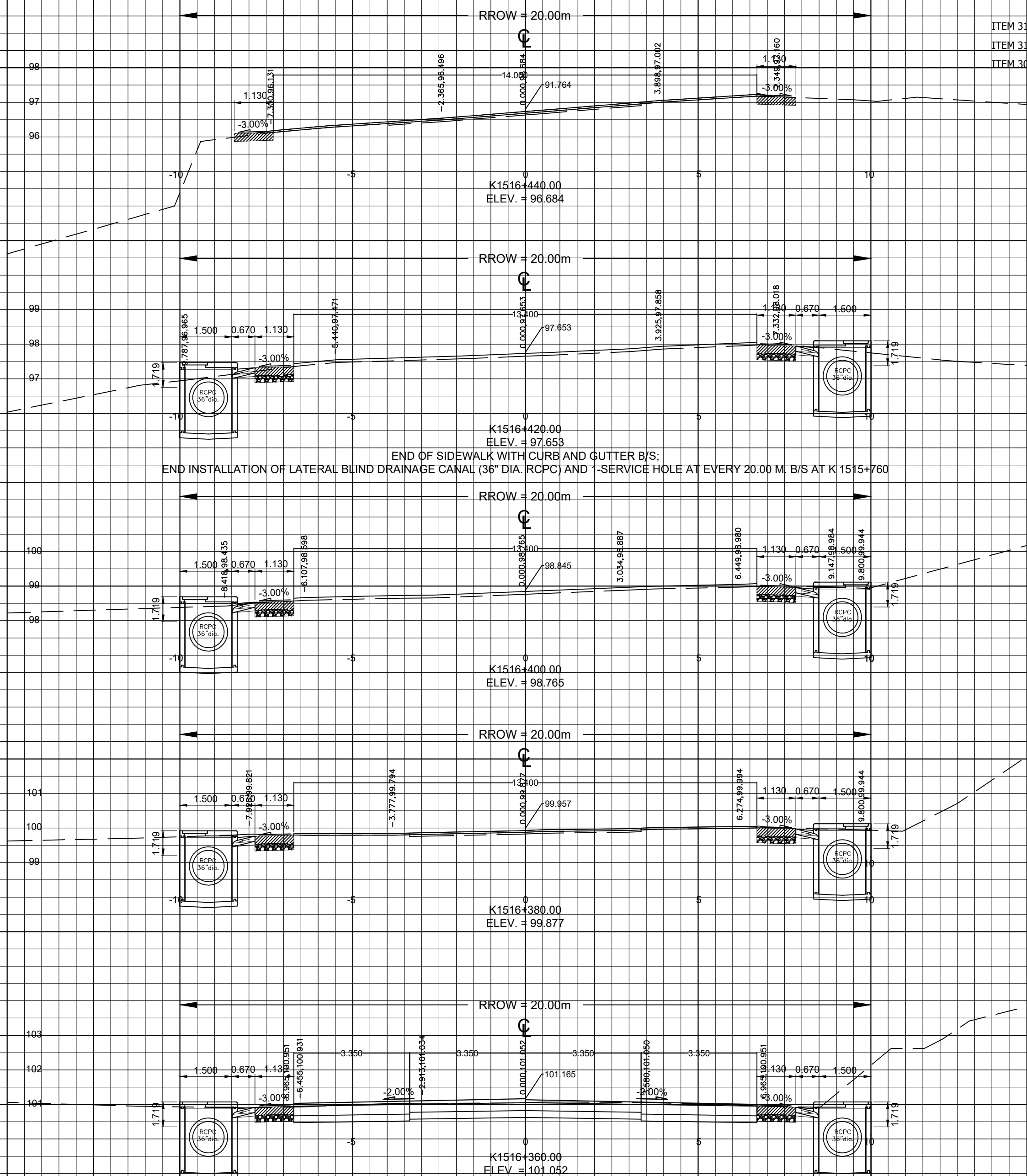
DISTRICT ENGINEER
DATE:

SET NO.

0
7 12

SHEET NO.

26
31



ITEM 310(1)c = 290.00 sq.m.
ITEM 310(2)c = 185.40 sq.m.
ITEM 300 = sq.m.

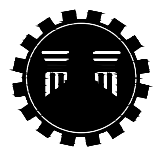
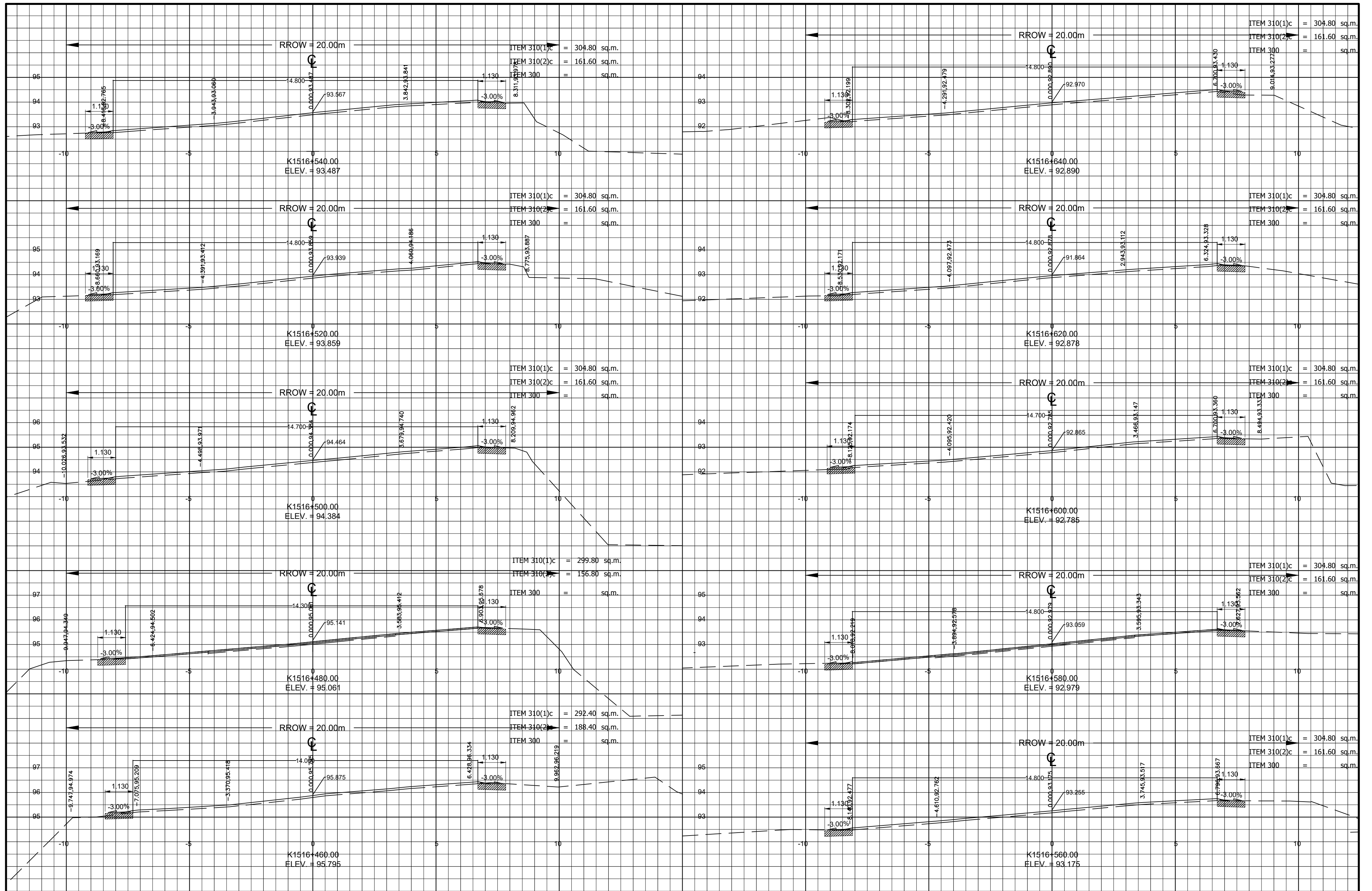
CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	283.80	sq.m.
310(2)c	=	126.60	sq.m.
103(1)	=	11.541	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	277.60	sq.m.
310(2)c	=	107.20	sq.m.
103(1)	=	11.541	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	-	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	277.60	sq.m.
310(2)c	=	107.20	sq.m.
103(1)	=	11.541	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

CUT	=	1.252	sq.m.
FILL	=	1.769	sq.m.
FILL	=	4.199	sq.m.
200	=	0.451	sq.m.
310(1)c	=	311.80	sq.m.
310(2)c	=	131.60	sq.m.
103(1)	=	11.541	sq.m.
103(3)	=	0.486	sq.m.
103(6)	=	3.704	sq.m.

END OF SIDEWALK WITH CURB AND GUTTER B/S;
END INSTALLATION OF LATERAL BLIND DRAINAGE CANAL (36" DIA. RCPC) AND 1-SERVICE HOLE AT EVERY 20.00 M. B/S AT K 1515+760



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

PROJECT NAME AND LOCATION:

**TAGUM-PANABO CIRCUM RD. -
K1515+670 - K1517+165**

SHEET CONTENTS:

CROSS SECTION

DRAFTED:

HERWIN EVAN J. HABABAG
ENGINEER II

PREPARED: 

WARREN S. PIÑEZ
ENGINEER II

REVIEWED:

REVIEWED: _____


BENILDA S. PACQUIAO
ENGINEER III

DATE: _____

SUBMITTED:

SUBMITTED: _____

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

RECOMMENDED:

RECOMMENDED:



GARRY E. VERANO

OFFICER-IN-CHARGE

OFFICE OF THE ASSISTANT DISTRICT ENGINEER

DATE:

APPROVED:

APPROVED:



ARTURO R. LONGYAPON

DISTRICT ENGINEER

DATE:

SET NO.

SHEET NO.

28
31

