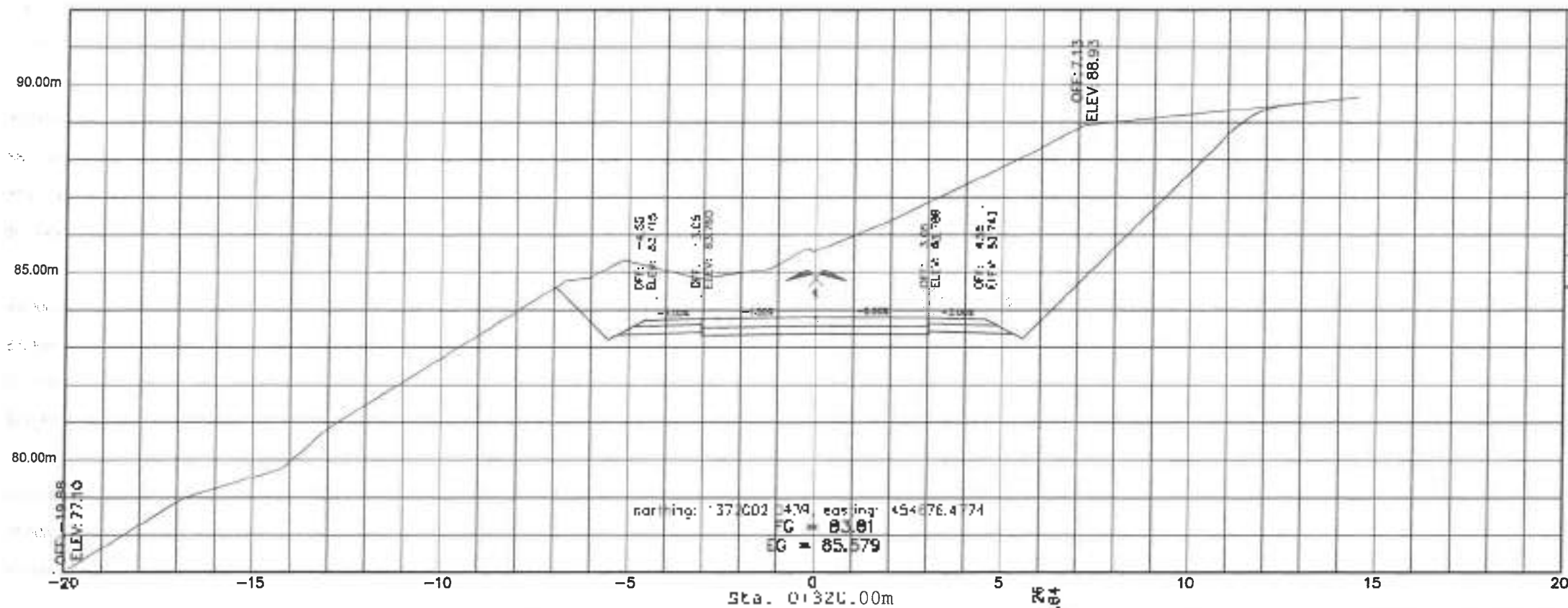
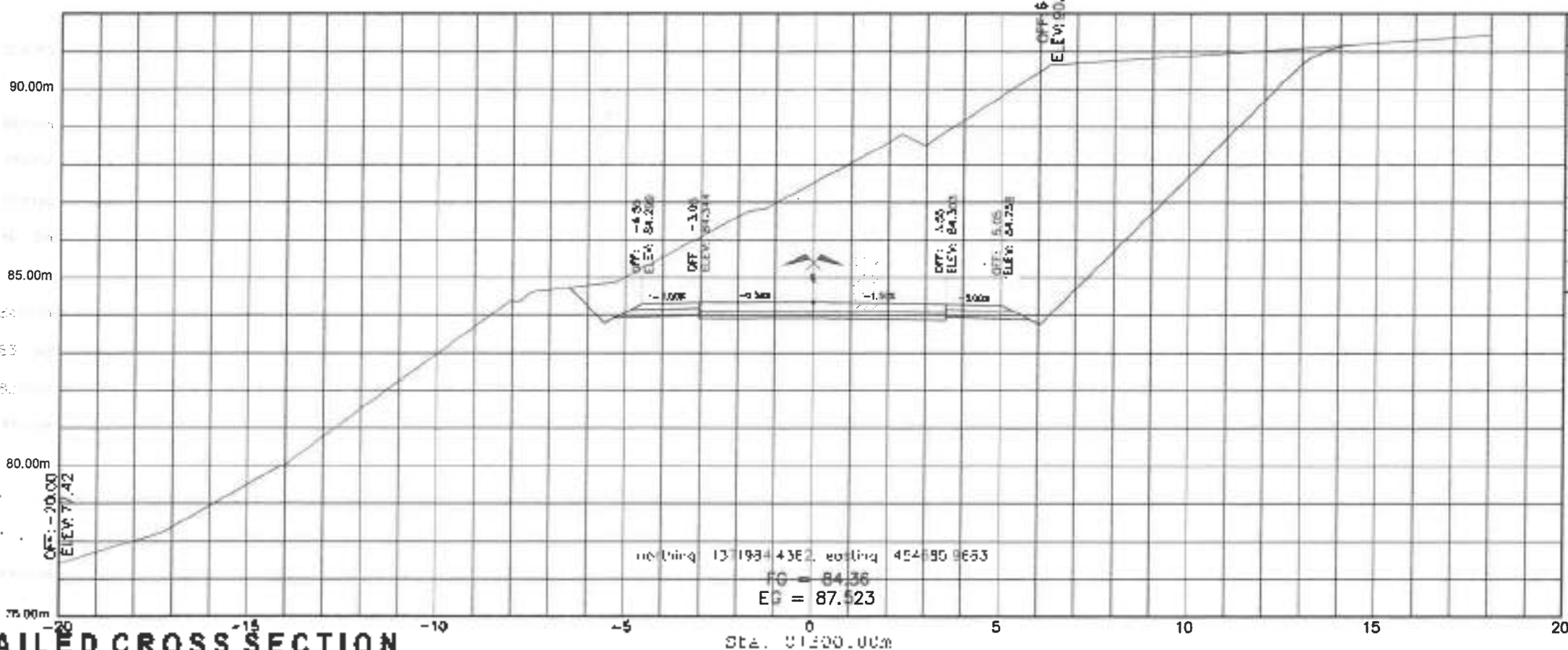




Material(s) of Station K001+170.00	
Material Name	Area
CUT	45.23
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 405(1)a3	0.00
ITEM 505(1)a	0.00
ITEM 905(1)	0.00



Material(s) of Station K001+300.00	
Material Name	Area
CUT	67.18
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 405(1)a3	0.00
ITEM 505(1)a	0.00
ITEM 905(1)	0.00

DETAILED CROSS SECTION SCALE: 1"=100' METERS



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. VI
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
CATARMAN, NORTHERN SAMAR

PROJECT NAME AND LOCATION
CONSTRUCTION OF CAG-ABACA -
CULABIMA - GENERAL MALVAR ROAD,
CATARMAN, NORTHERN SAMAR

PROJECT NAME AND LOCATION
DETAILED CROSS SECTION

DESIGNED BY
CT
MARTIN DELA TORRE
ENGINEER

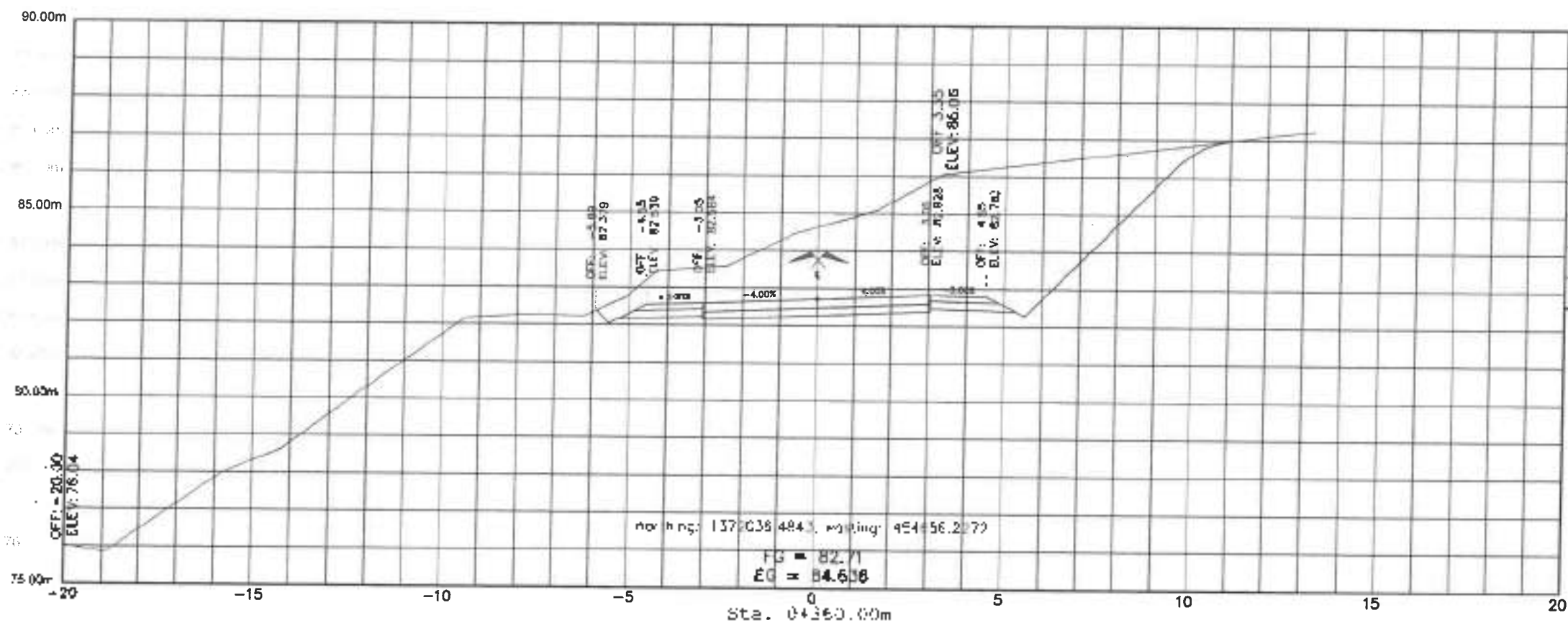
CHECKED BY
Alvin
MAR DONALD M. EIMAN
ASST. DIST. ENGINEER AND DISTRICT ENGINEER

SUBMITTED BY
Andy
ANDY S. EREÑO
C.E.P., PLANNING AND DESIGN SECTION

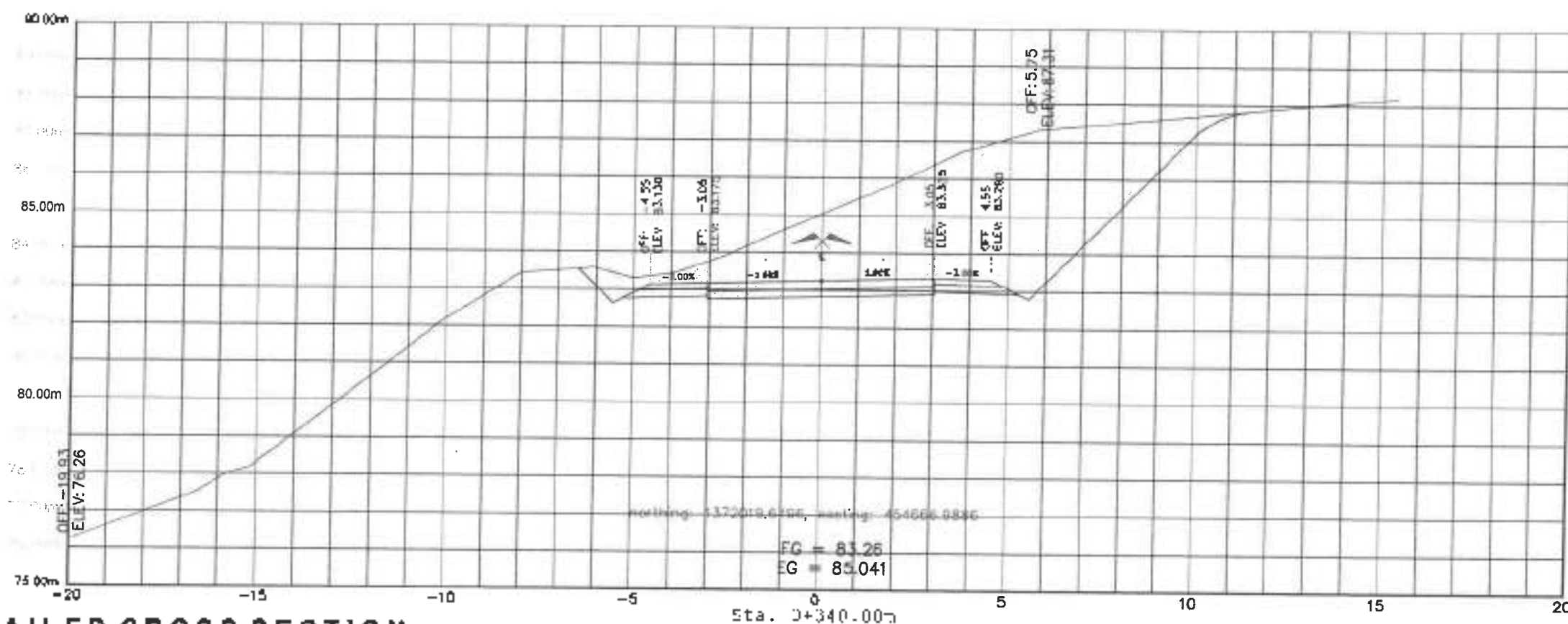
FILED BY
Vivian
VIVIAN M. BIACO
DISTRICT ENGINEER

APPROVED BY
Alvin
ALVIN A. IGNACIO
DISTRICT ENGINEER

DATE
C9
81
31
88



Material(s) at Station K000+360.00	
Material Name	Area
CUT	34.20
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)	0.00
ITEM 403(1)	0.00
ITEM 505(1)	0.00
ITEM 506(1)	0.00



Material(s) at Station K000+340.00	
Material Name	Area
CUT	95.33
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)	0.00
ITEM 403(1)	0.00
ITEM 505(1)	0.00
ITEM 506(1)	0.00

DETAILED CROSS SECTION

SCALE: 1:100

METERS



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. 10
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE
Catarman, Northern Samar

PROJECT NAME & LOCATION
CONSTRUCTION OF CAG-ABACA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DESIGNED BY
CH
MARVIN M. DELA TORRE
ENGINEER

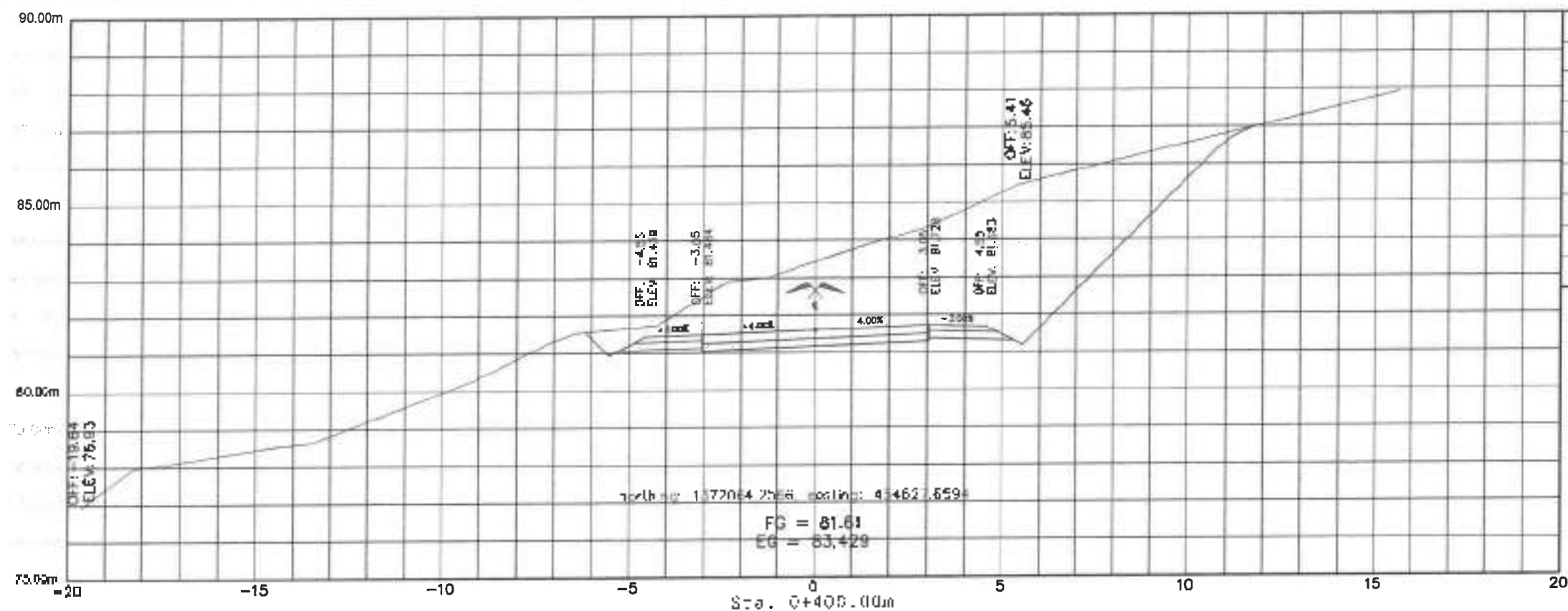
REVIEWED BY
MD
MAR DONALD N. EIMAN
CHIEF ENGINEER, PLANNING AND DESIGN SECTION

SUBMITTED BY
AS
ANDY S. ARERO
CHIEF ENGINEER, PLANNING AND DESIGN SECTION

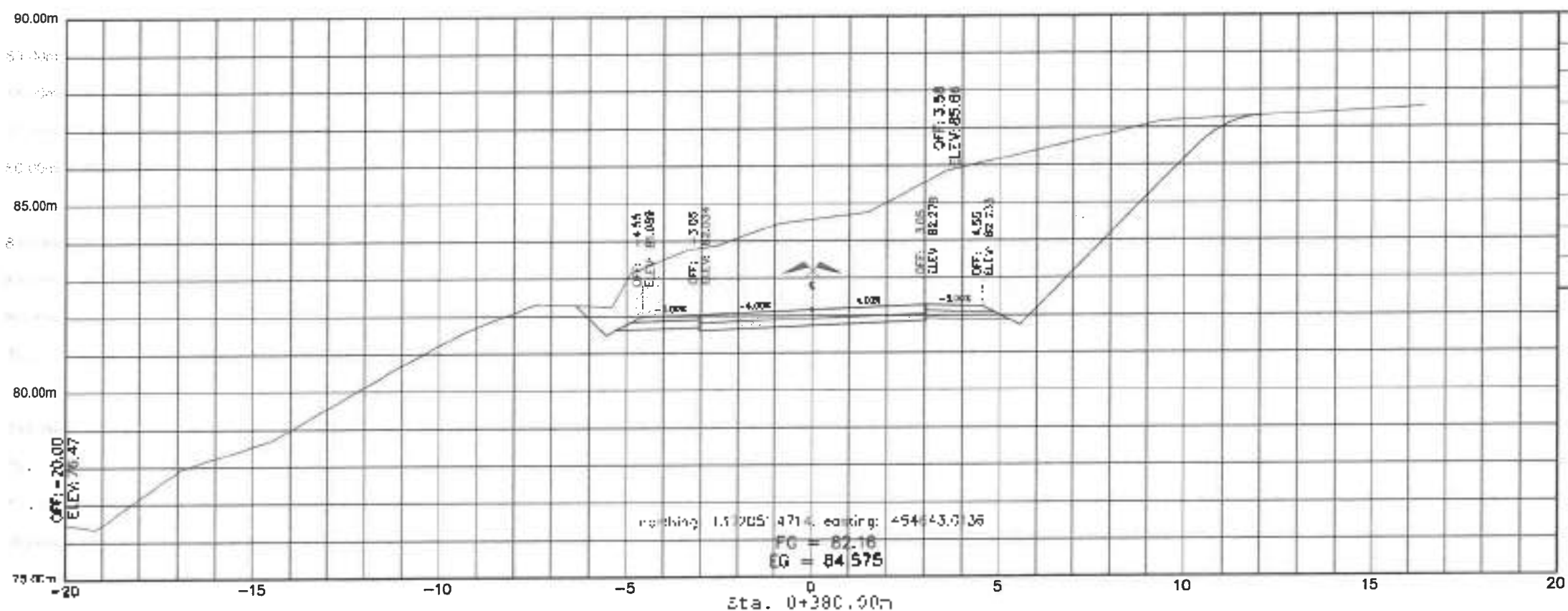
RECORDED BY
SB
VIVIANO BIACO
CHIEF ENGINEER, PLANNING AND DESIGN SECTION

APPROVED BY
AI
ALVIN A. IGNACIO
DISTRICT ENGINEER

DATE
2023



Material(s) at Station K000+400.00	
Material Name	Area
CUT	38.14
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 405(1)a3	0.00
ITEM 503(1)a	0.00
ITEM 505(1)	0.00



Material(s) at Station K000+380.00	
Material Name	Area
CUT	44.02
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 405(1)a3	0.00
ITEM 505(1)a	0.00
ITEM 506(1)	0.00

DETAILED CROSS SECTION SCALE: 1:100 METERS



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. IV
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
Cebu City, Northern Samar

PROJECT NAME & LOCATION

**CONSTRUCTION OF CAG-ABACA -
GULARIMA - GENERAL MALVAR ROAD,
CATARMAN, NORTHERN SAMAR**

LOCALITY, NORTHERN SAMAR

PROJECT NAME & LOCATION

DETAILED CROSS SECTION

DESIGNED BY

Ch
MARTIN DELA TORRE
ENGR. 100-100000

REVIEWED BY

Mon
MARK DONALD M. ELMAN
ASST. CHIEF PLANNING AND DESIGN SECTION

SUBMITTED BY

Andy
ANDY S. BRENO
JUNIOR PLANNING AND DESIGN SECTION

RECEIVED BY

Alvin
ALVIN A. IGNACIO
DISTRICT ENGINEER

APPROVED BY

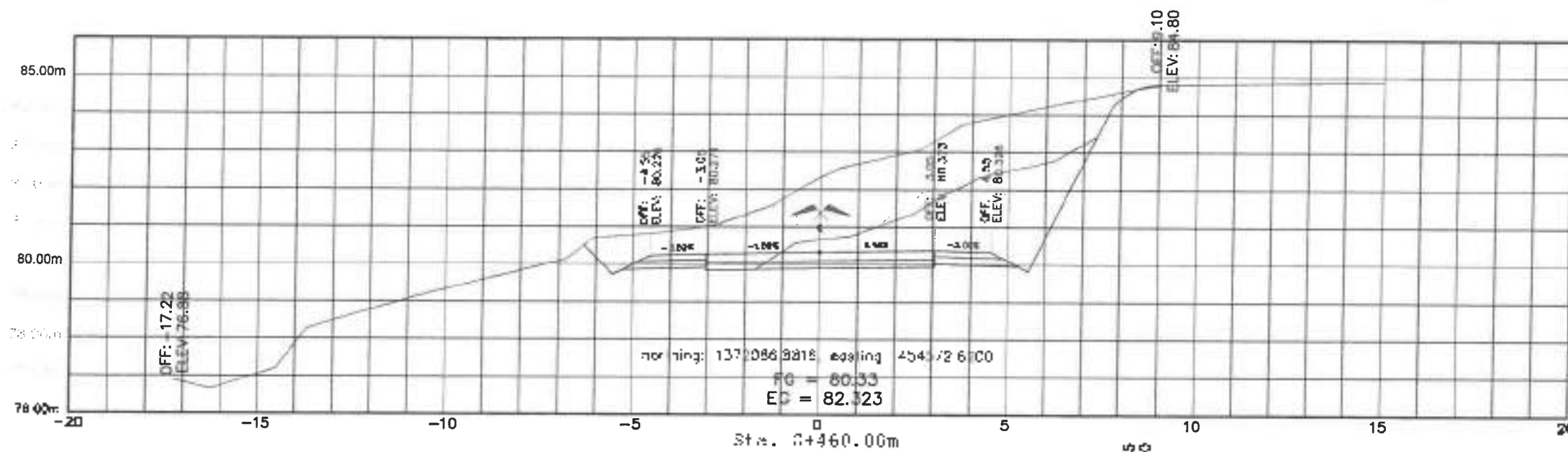
Alvin
ALVIN A. IGNACIO
DISTRICT ENGINEER

DATE

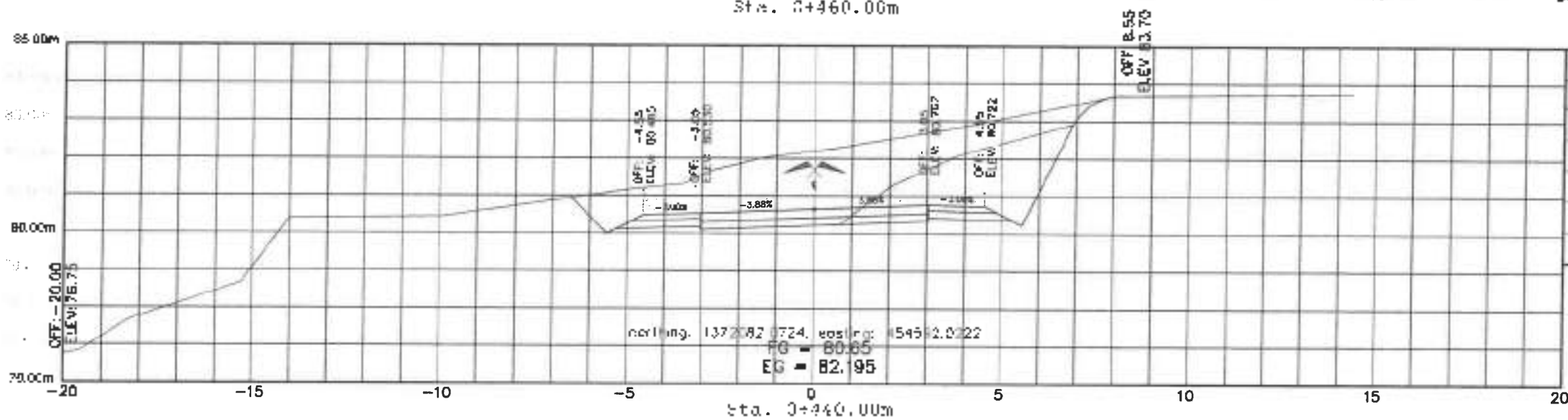
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11/11/20

SHEET NO.

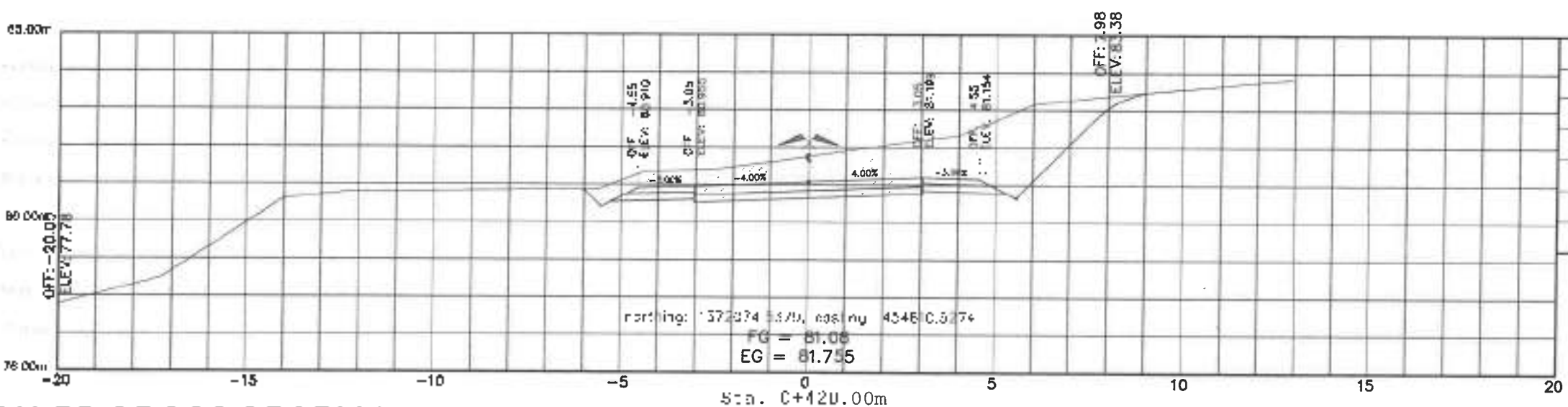
13
18



Material(s) at Station K300+400.00	
Material Name	Area
CUT	18.60
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 103(1)b	11.57
ITEM 405(1)a3	0.00
ITEM 605(1)a	0.00
ITEM 506(1)	0.00



Material(s) at Station K300+400.00	
Material Name	Area
CUT	15.57
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	7.25
ITEM 506(1)	0.00



Material(s) at Station K300+420.00	
Material Name	Area
CUT	15.43
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 506(1)	0.00

DETAILED CROSS SECTION

SCALE: 1:100

METERS



Department of Public Works and Highways
Regional Office - VII
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
Cataraman, Northern Samar

PROJECT NAME & LOCATION
CONSTRUCTION OF CAG-ABACA -
CULARIMA - GENERAL MALVAR ROAD,
CATARAMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DESIGNED BY
CL
MARTIN H. DELA TORRE
PLANNING

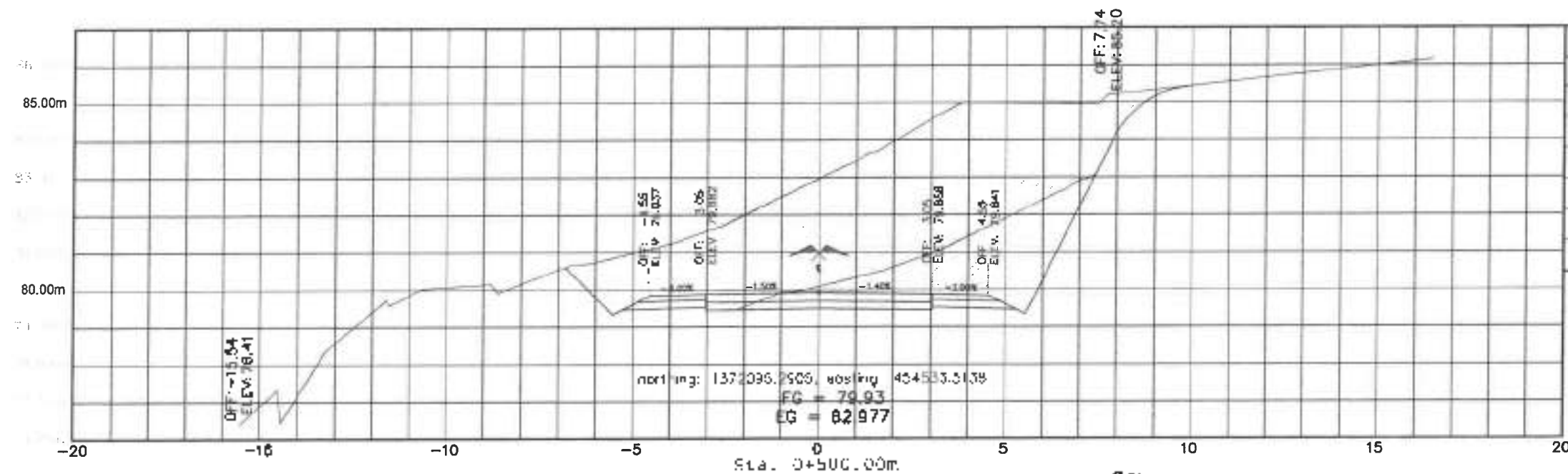
REVIEWED BY
MAR DONALD N. EIMAN
MAYOR, PLANNING AND DESIGN SECTION
Date

SUBMITTED BY
ANDY S. PRENO
ENR, PLANNING AND DESIGN SECTION
Date

DESIGNED BY
VIVIAN M. BLACO
JULY 2019
Date

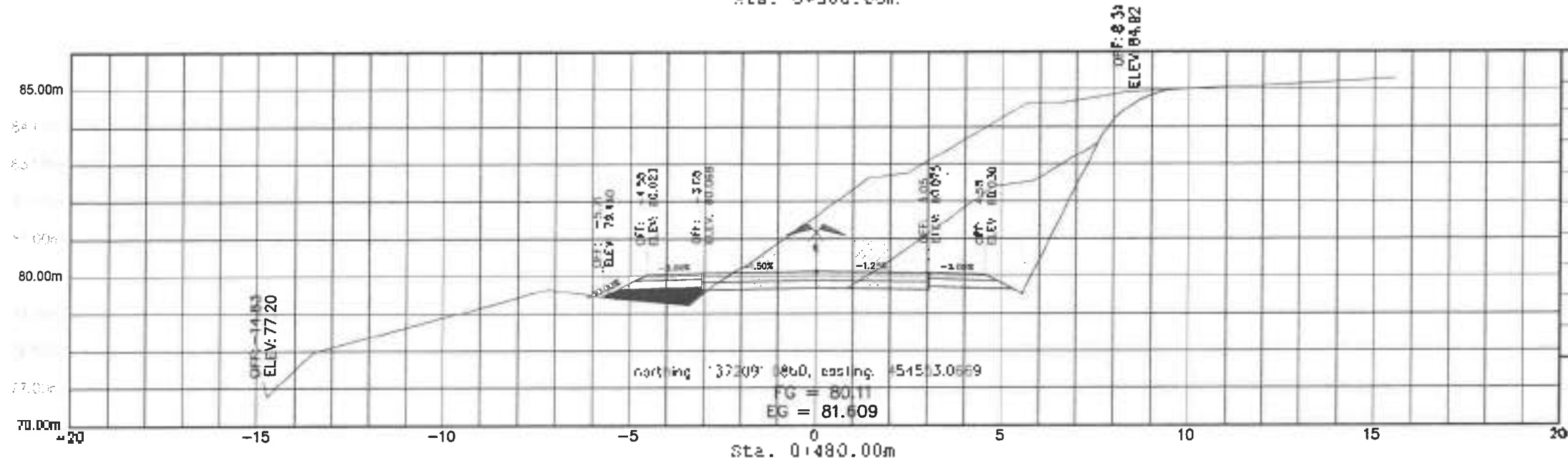
APPROVED BY
ALVIN A. IGNACIO
MAYOR, PLANNING AND DESIGN SECTION
Date

DATE
11/03/2019
11/03/2019



Materials at Station K000+500.00

Material Name	Area
CUT	36.90
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 103(1)b	10.82
ITEM 508(1)	0.00

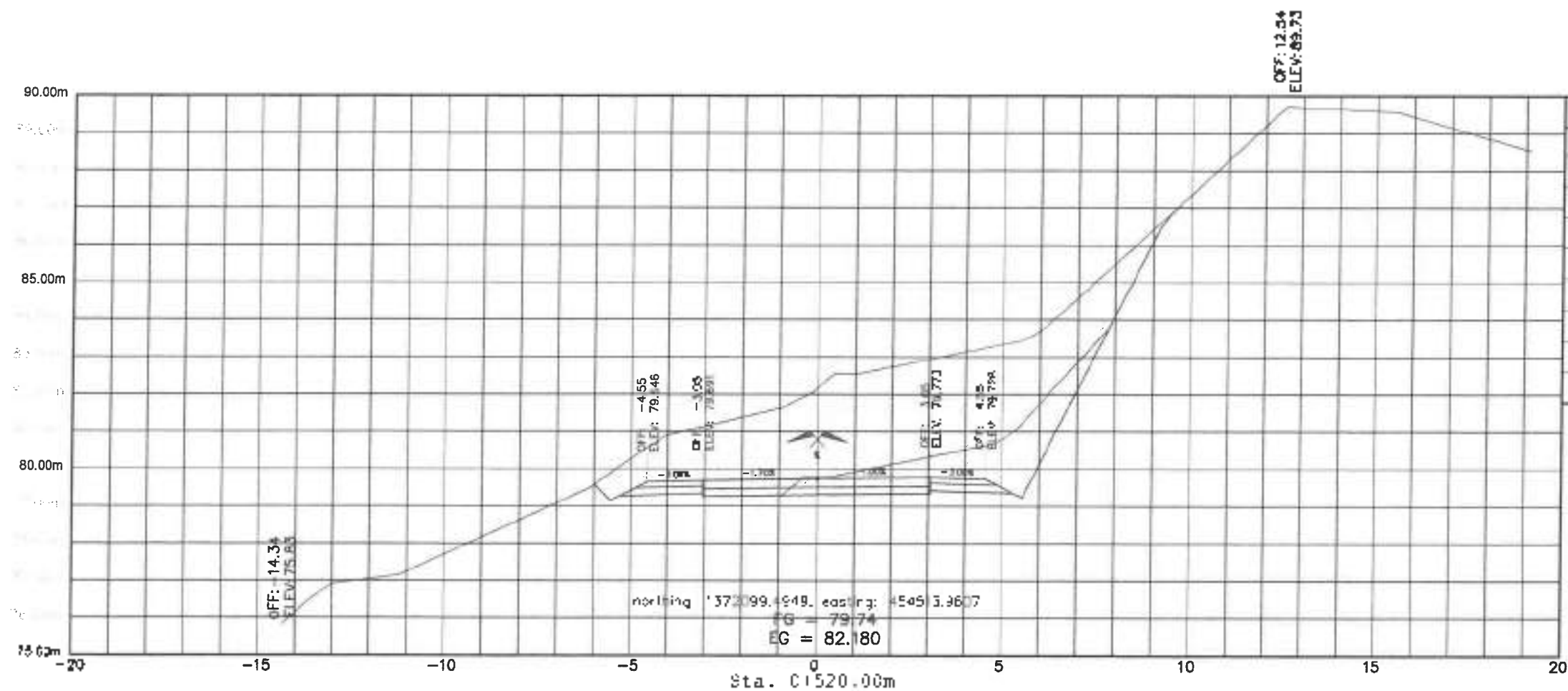


Materials at Station K000+480.00

Material Name	Area
CUT	18.48
FILL	1.66
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 103(1)b	9.53
ITEM 405(1)a	0.00
ITEM 505(1)a	0.00
ITEM 508(1)	0.00

DETAILED CROSS SECTION SCALE: 1:100 METERS

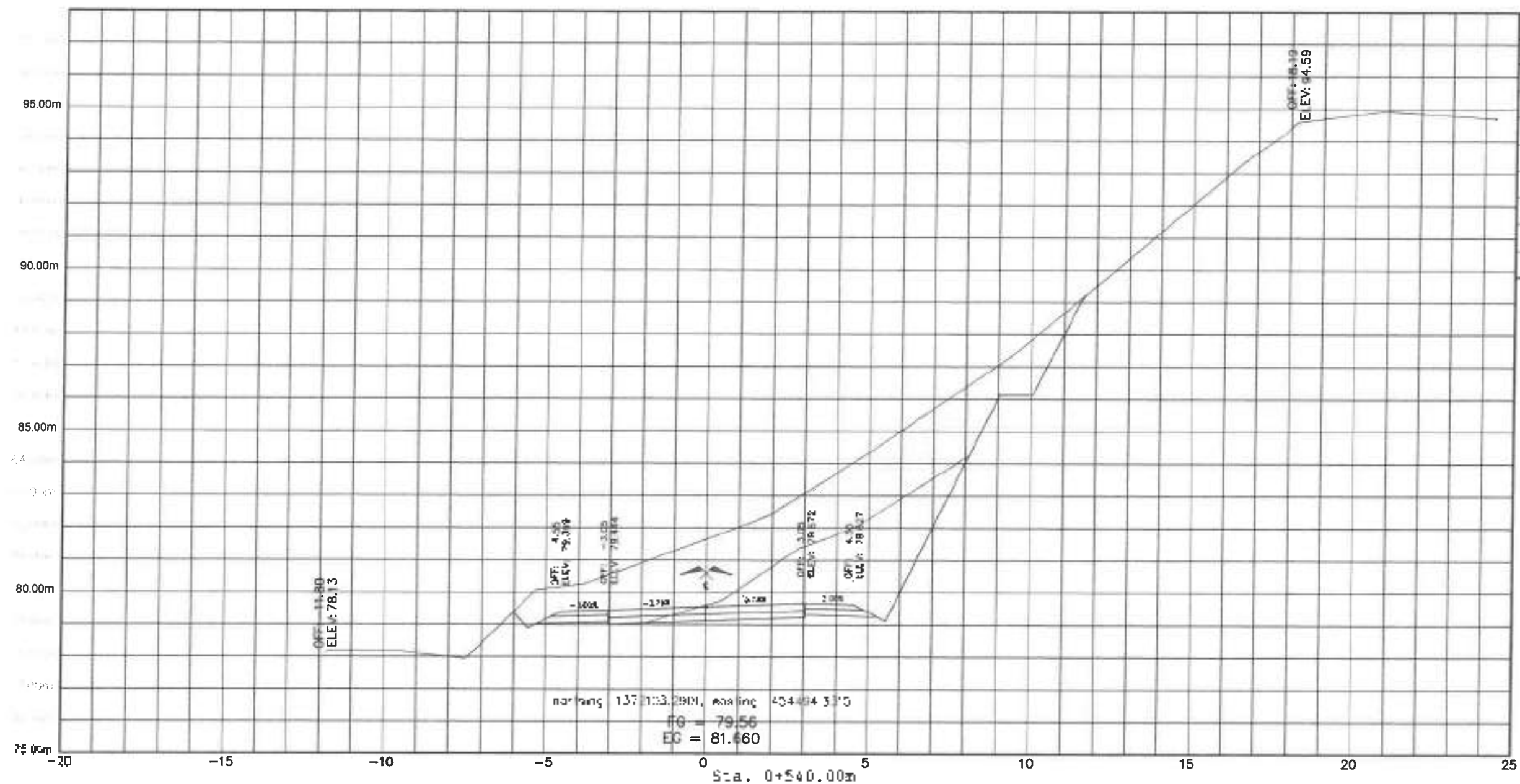
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE	PROJECT NAME & LOCATION CONSTRUCTION OF CAG-ABACA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR	PROJECT NAME & LOCATION DETAILED CROSS SECTION	DATE SUBMITTED <i>At</i> MARINO M. DELA TORRE ENGINEER	REVIEWED <i>Mar</i> MAR DONALD N. ERMAN ASST. CHIEF PLANNING AND DESIGN SECTION	SUBMITTED <i>Andy</i> ANDY S. ERENO CHIEF PLANNING AND DESIGN SECTION	DESIGNED BY <i>Vivian</i> VIVIAN M. BISCO ENGINEER	APPROVED <i>Alvin</i> ALVIN A. IGNACIO DISTRICT ENGINEER	AS' NO CS 12	SUB' NO 33 38
	DATE: _____								



Materials at Station 1000+520.00	
Material Name	Area
CUT	29.17
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 103(1)b	7.20
ITEM 405(1)aB	0.00
ITEM 506(1)a	0.00
ITEM 506(1)	0.00

DETAILED CROSS SECTION SCALE 1:100 METERS

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE No. V-I NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE Calabutan, Northern Samar	PROJECT NAME LOCATION CONSTRUCTION OF CAG-ABACA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR	PROJECT NAME LOCATION DETAILED CROSS SECTION	DATE: 10/25/2020 <i>Ch</i> MARTIN DELA TORRE DRAFTER	DESIGNED BY <i>Ma</i> MA. DONALD N. EIMAN ASST. CHIEF PLANNER AND DESIGN SECTION	SUBMITTED BY <i>Andy</i> ANDY S. BERNADO CHIEF PLANNER AND DESIGN SECTION	DESIGNED BY <i>Vivian</i> VIVIAN BLAÇO CHIEF PLANNER AND DESIGN SECTION	APPROVED BY <i>Alvin</i> ALVIN A. IGNACIO DISTRICT ENGINEER	DATE: 11/03/2020	SCALE: 1:100					
	REVISIONS <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>01</td> <td>ISSUED FOR BIDDING</td> <td>10/25/2020</td> </tr> </table>									NO.	DESCRIPTION	DATE	01	ISSUED FOR BIDDING
NO.	DESCRIPTION	DATE												
01	ISSUED FOR BIDDING	10/25/2020												

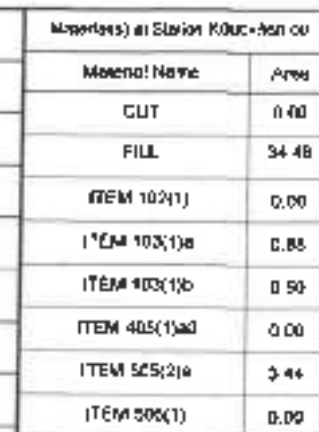


Material(s) of Station #000-640.00	
Material Name	Area
CUT	28.24
FILL	0.00
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 103(1)b	14.79
ITEM 405(1)a3	0.00
ITEM 505(1)a	0.00
ITEM 506(1)	0.00

DETAILED CROSS SECTION

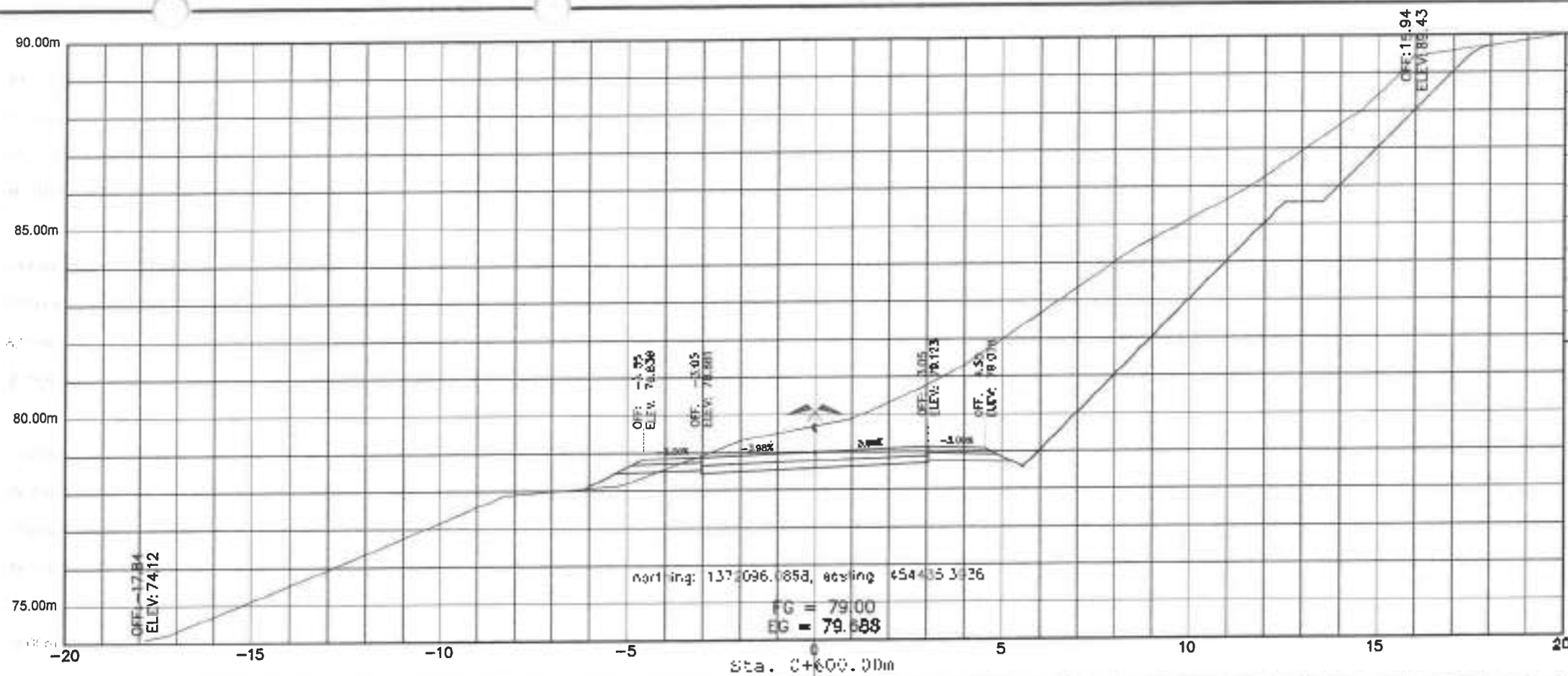
SCALE: 1:300 METERS

Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE No. VIII NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE Cebu City, Northern Samar	PROJECT NAME & LOCATION CONSTRUCTION OF CAG-ABACA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR	PROJECT NAME & LOCATION DETAILED CROSS SECTION	Drawn by: <i>Ch</i> MARTIN M. DELA TORRE DRAFTER	REVIEWED: <i>Mena</i> MAR DONALD N. EIMAN SENIOR CHIEF PLANNING AND DESIGN SECTION ENR	SUBMITTED: <i>Andy S. Brena</i> ANDY S. BRENA CHIEF PLANNING AND DESIGN SECTION ENR	RECOMMENDED: <i>Vivian Biaco</i> VIVIAN BIACO DISTRICT ENGINEER	APPROVED: <i>Alvin A. Ignacio</i> ALVIN A. IGNACIO DISTRICT ENGINEER	DATE: 14/6/20	DATE: 14/6/20
	DATE: 14/6/20								

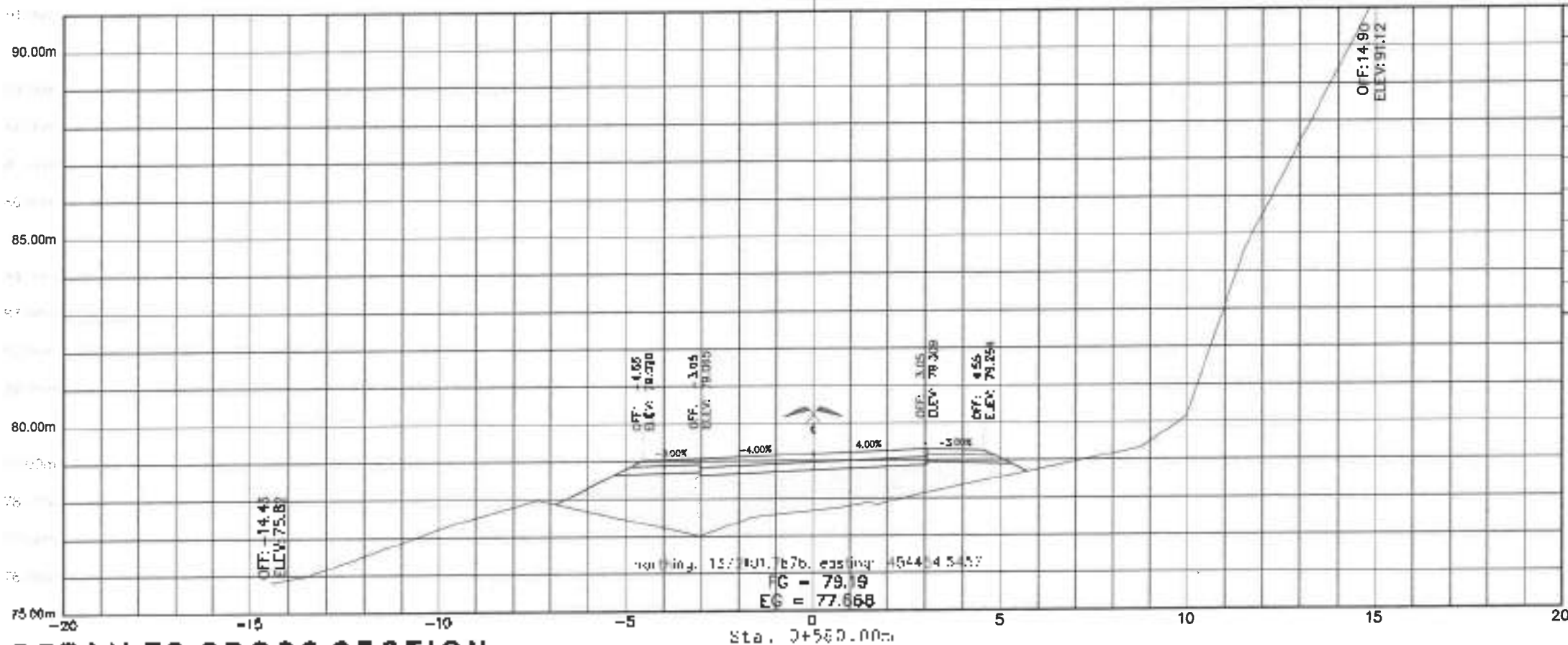


SCALE 1:100 METERS

881 10	88-887 10



Material(s) at Station 600-800.00	
Material Name	Area
CUT	37.10
FILL	0.31
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 103(1)b	0.00
ITEM 405(1)a3	0.00
ITEM 505(1)a	0.00
ITEM 506(1)	0.00



Material(s) at Station 500-800.00	
Material Name	Area
CUT	0.00
FILL	13.64
ITEM 102(1)	0.00
ITEM 103(1)a	0.00
ITEM 103(1)b	0.00
ITEM 405(1)a3	0.00
ITEM 505(1)a	0.00
ITEM 506(1)	0.00

DETAILED CROSS SECTION
SCALE: 1:100
METERS



Department of Public Works and Highways
REGIONAL OFFICE No. VII
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE
Catarman, Northern Samar

PROJECT NAME & LOCATION
CONSTRUCTION OF CAG-ABAGA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DESIGNED BY
CHRISTOPHER L. DELA TORRE
ENGINEER II

REVIEWED BY
MARICORONAL N. EIMAN
SUPV. ENGINEER

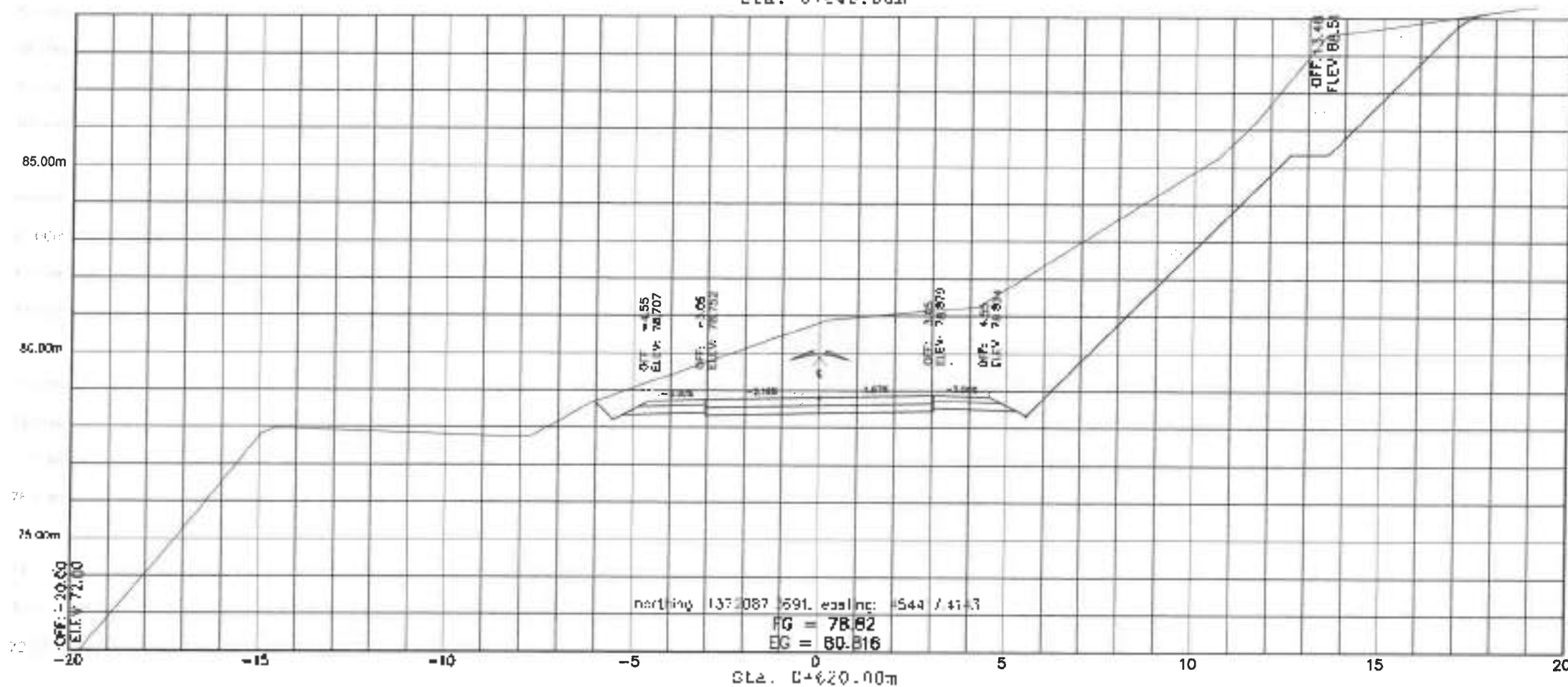
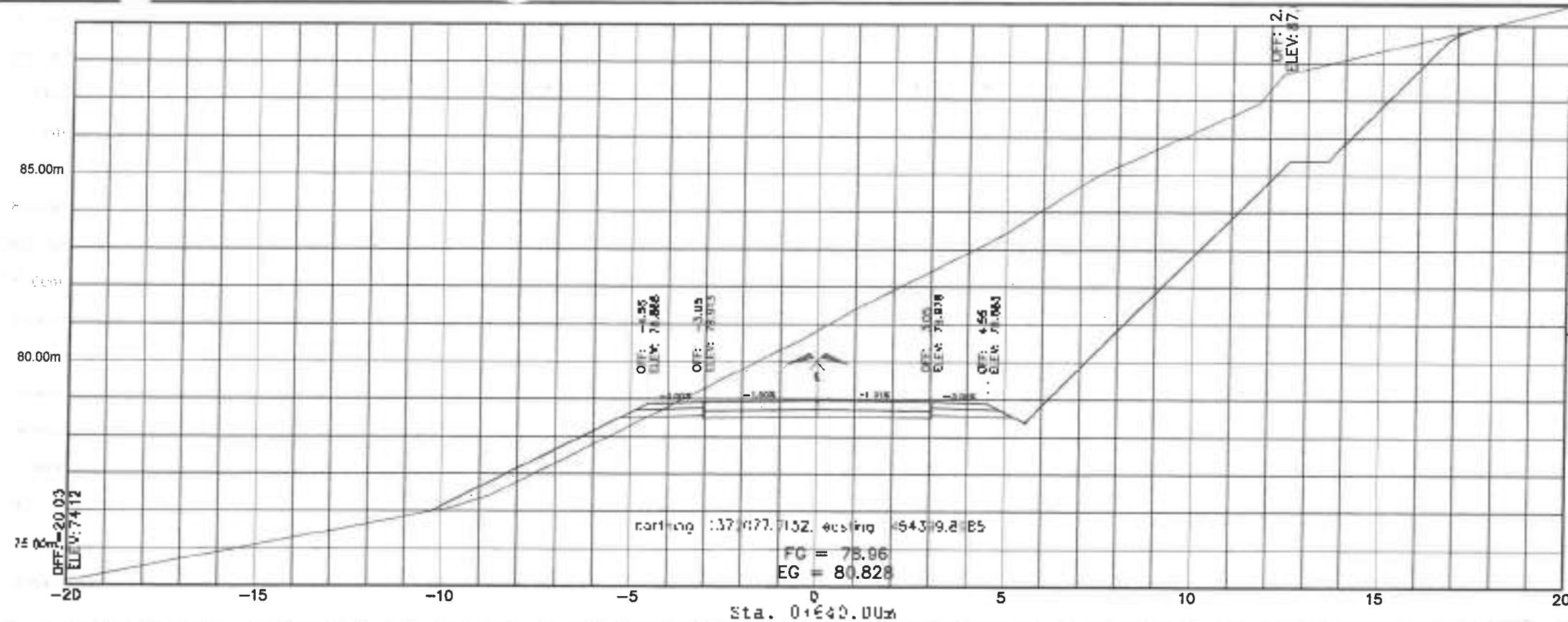
SUBMITTED BY
ANDY S. ARENDO
SUPV. ENGINEER

RECOMMENDED BY
VIVIAN D. BIACO
SUPV. ENGINEER

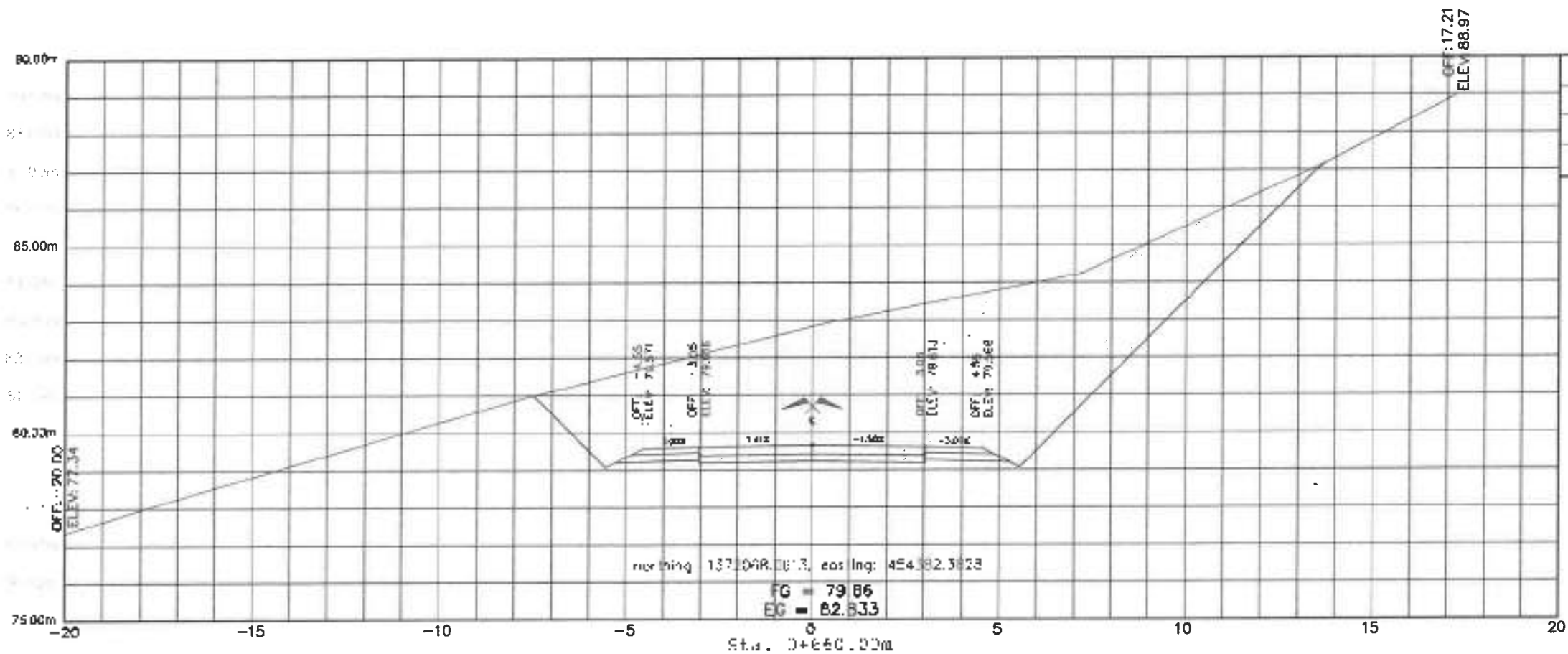
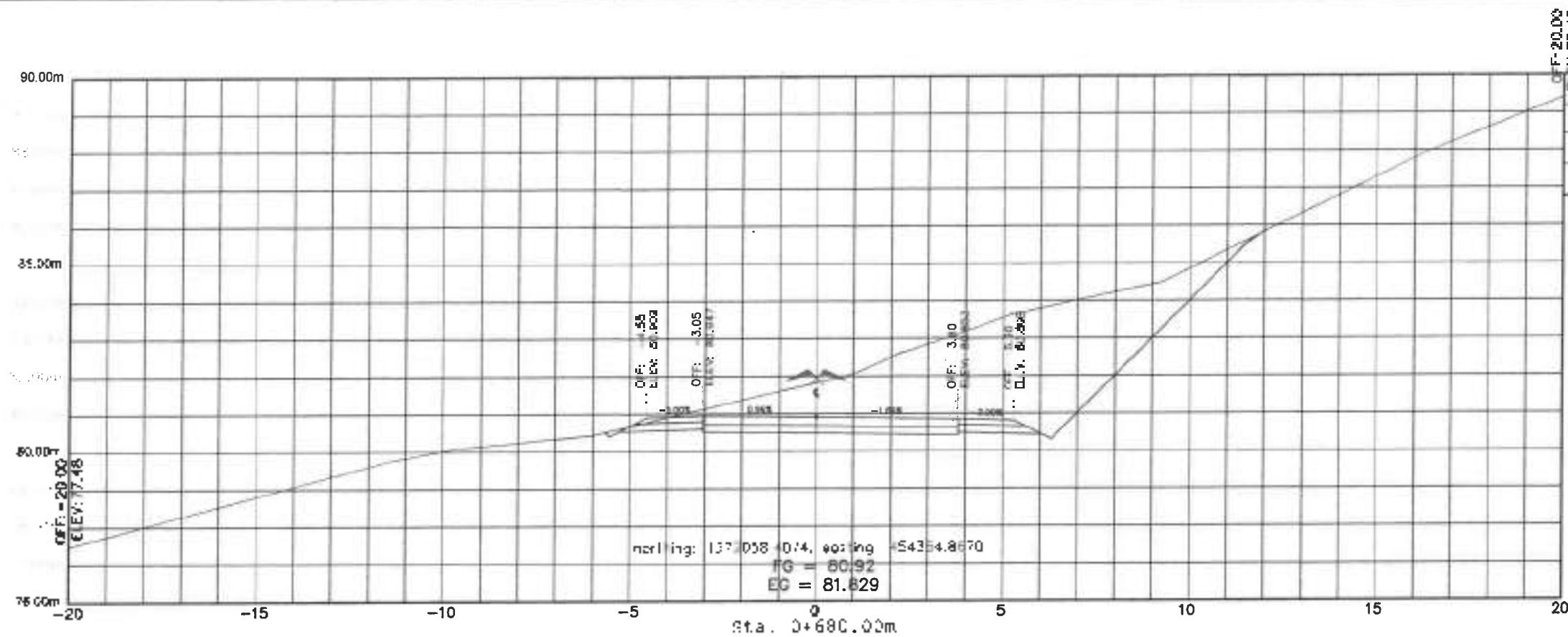
APPROVED BY
ALVIN A. IGNACIO
DISTRICT ENGINEER

DATE
17-03-2024

SHEET NO.
48



DETAILED CROSS SECTION
SCALE: 1/100 METERS



DETAILED CROSS SECTION SCALE: 1:100 METERS



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. IV
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
CATARMAN, NORTHERN SAMAR

PROJECT NAME: CONSTRUCTION OF CAG-ABACA -
CULARIMA - GENERAL MALVAR ROAD,
CATARMAN, NORTHERN SAMAR

DETAILED CROSS SECTION

DESIGNED BY:
MARTIN A. DELA TORRE
ENGINEER II

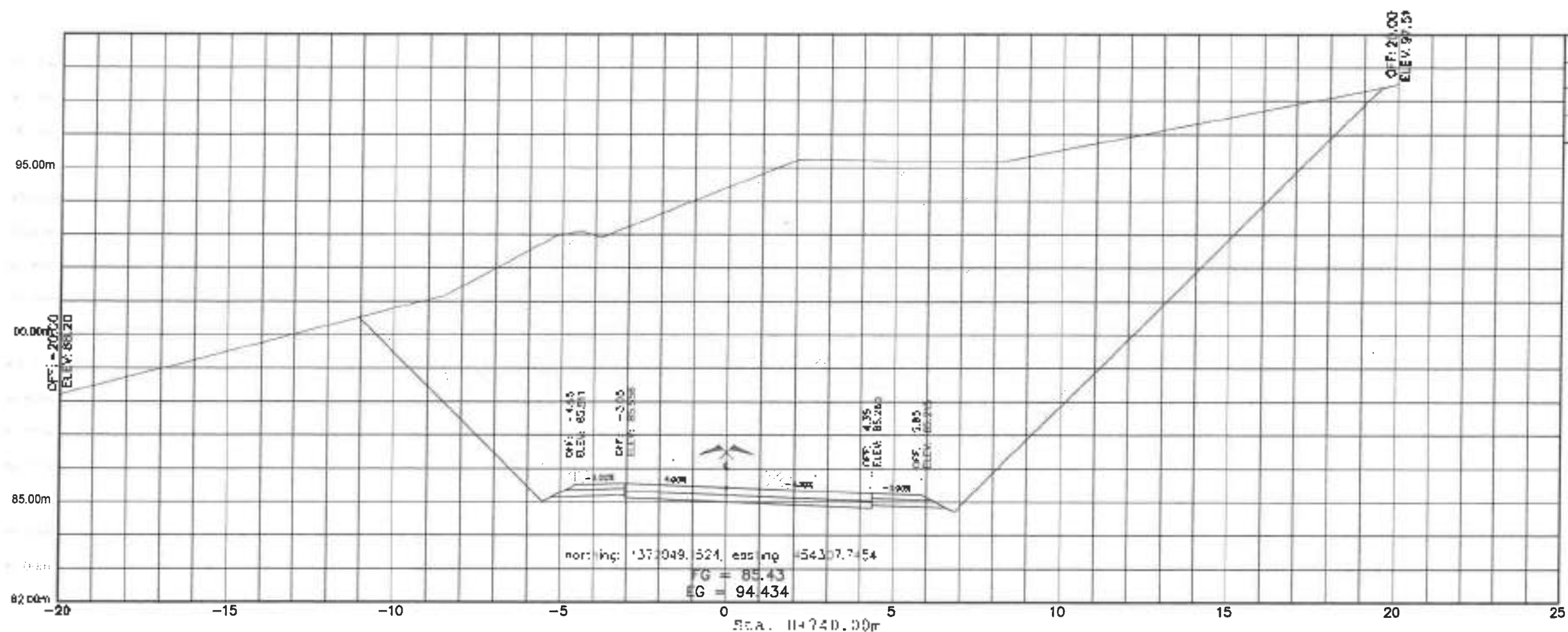
REVIEWED BY:
MAR DONALD N. EIMAN
ASST. CHIEF PLANNING AND DESIGN SECTION
ENR

SUBMITTED BY:
ANDY S. BREAO
CHIEF PLANNING AND DESIGN SECTION
ENR

APPROVED BY:
YVIAN A. ELIACO
CHIEF OF DISTRICT ENGINEERING OFFICE
ENR

APPROVED BY:
ALVIN A. IGNACIO
DISTRICT ENGINEER
ENR

DATE: 10/20/2023



Materials at Station K00+740.00	
Material Name	Area
CUT	200.31
FILL	0.00

DETAILED CROSS SECTION

SCALE: 1:100

METERS



Department of Public Works and Highways
 REGIONAL OFFICE NO. 1
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE
 Captain Norbert Sene

PROJECT NAME & LOCATION
CONSTRUCTION OF CAG-ABACA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR
 CATARMAN DISTRICT ENGINEERING OFFICE

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DATE SUBMITTED
Ch
MARTIN M. DELA TORRE
 PROJECT ENGINEER

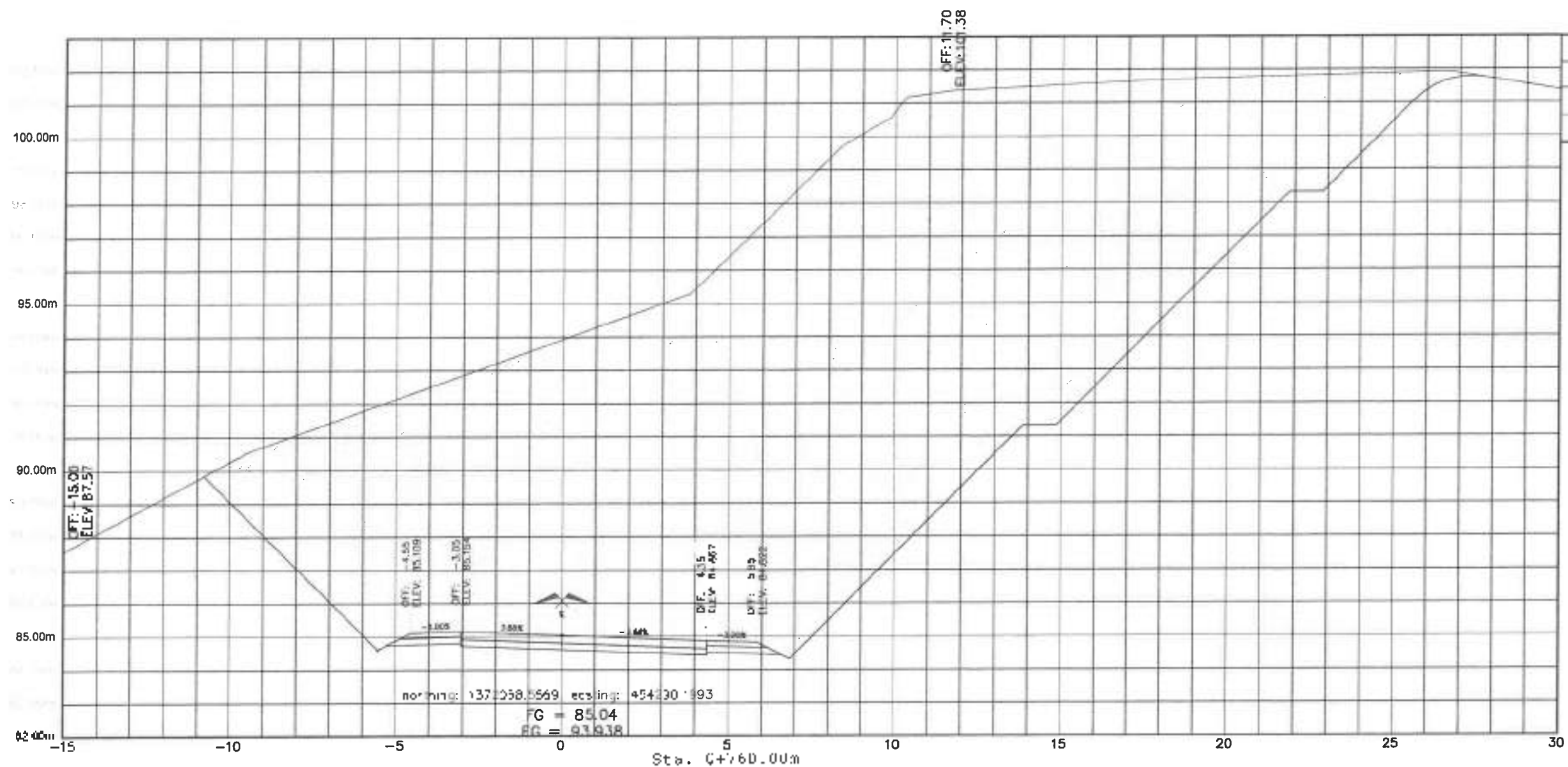
DESIGNED BY
Mena
MAR DONALD N. EIMAN
 CIVIL ENGINEER

SUBMITTED BY
Andy
ANDY S. ERENO
 CIVIL ENGINEER

IN CHARGE
Yvian
YIVIAN O. BIACO
 CIVIL ENGINEER

APPROVED BY
Alvin
ALVIN A. IGNACIO
 DISTRICT ENGINEER

SCALE
 1:50
 21/8/24
 44
 38



Material at Station #200+760.00	
Material Name	Area
CUT	297.42
Fill	0.00

DETAILED CROSS SECTION

SCALE: 1:100

METERS



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. VII
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
Cataraman, Northern Samar

PROJECT NAME AND LOCATION
CONSTRUCTION OF CAGABACA -
CULARIMA - GENERAL MALVAR ROAD,
CATARAMAN, NORTHERN SAMAR
Cataraman, NORTHERN SAMAR

PROJECT NAME AND LOCATION
DETAILED CROSS SECTION

DESIGNED BY
MARVIN M. DELA TORRE
ENGINEER II

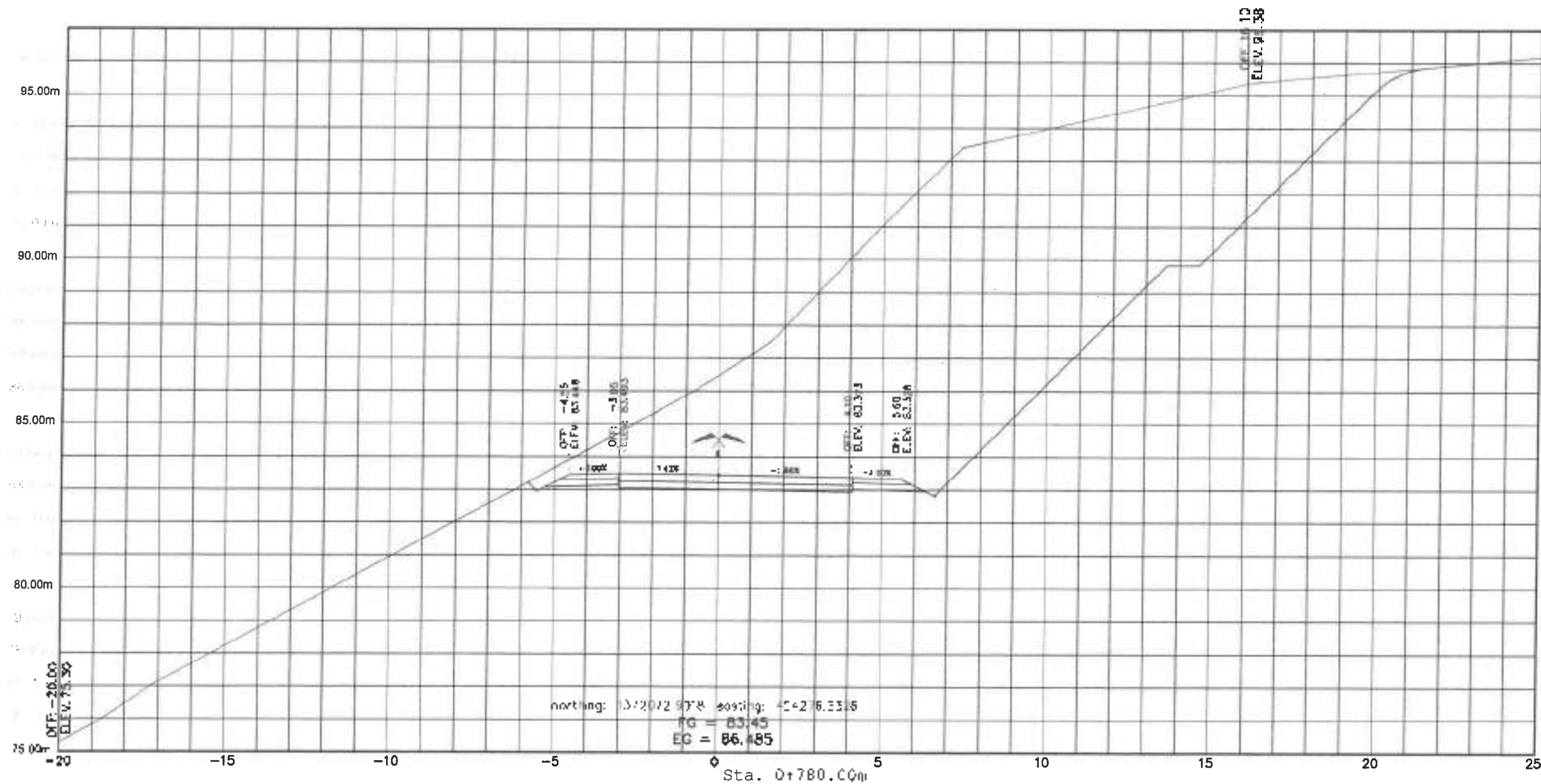
REVISED BY
MAR DONALD N. EIMAN
ASST. CHIEF, PLANNING AND DESIGN SECTION

SUBMITTED BY
ANDY S. BRENO
CHIEF, PLANNING AND DESIGN SECTION

APPROVED BY
VIVIANO E. ELACO
DISTRICT ENGINEER

APPROVED BY
ALVIN A. IGNACIO
DISTRICT ENGINEER

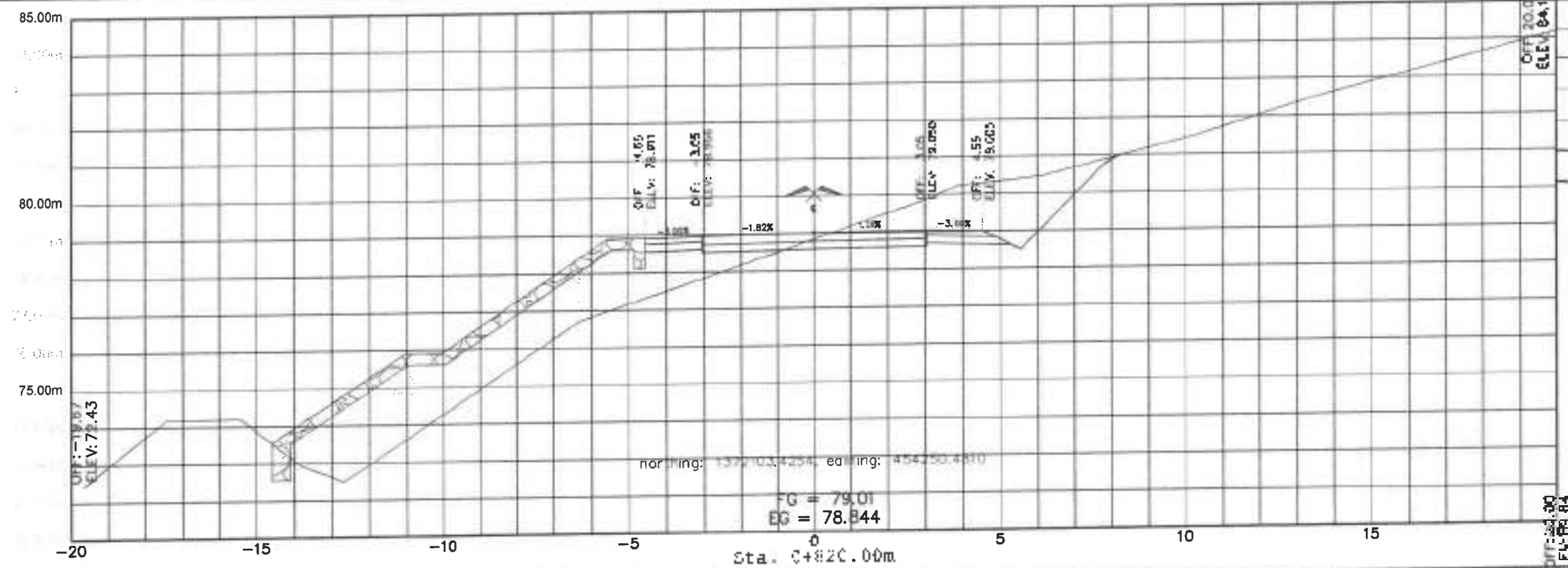
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SHEET NO. 49



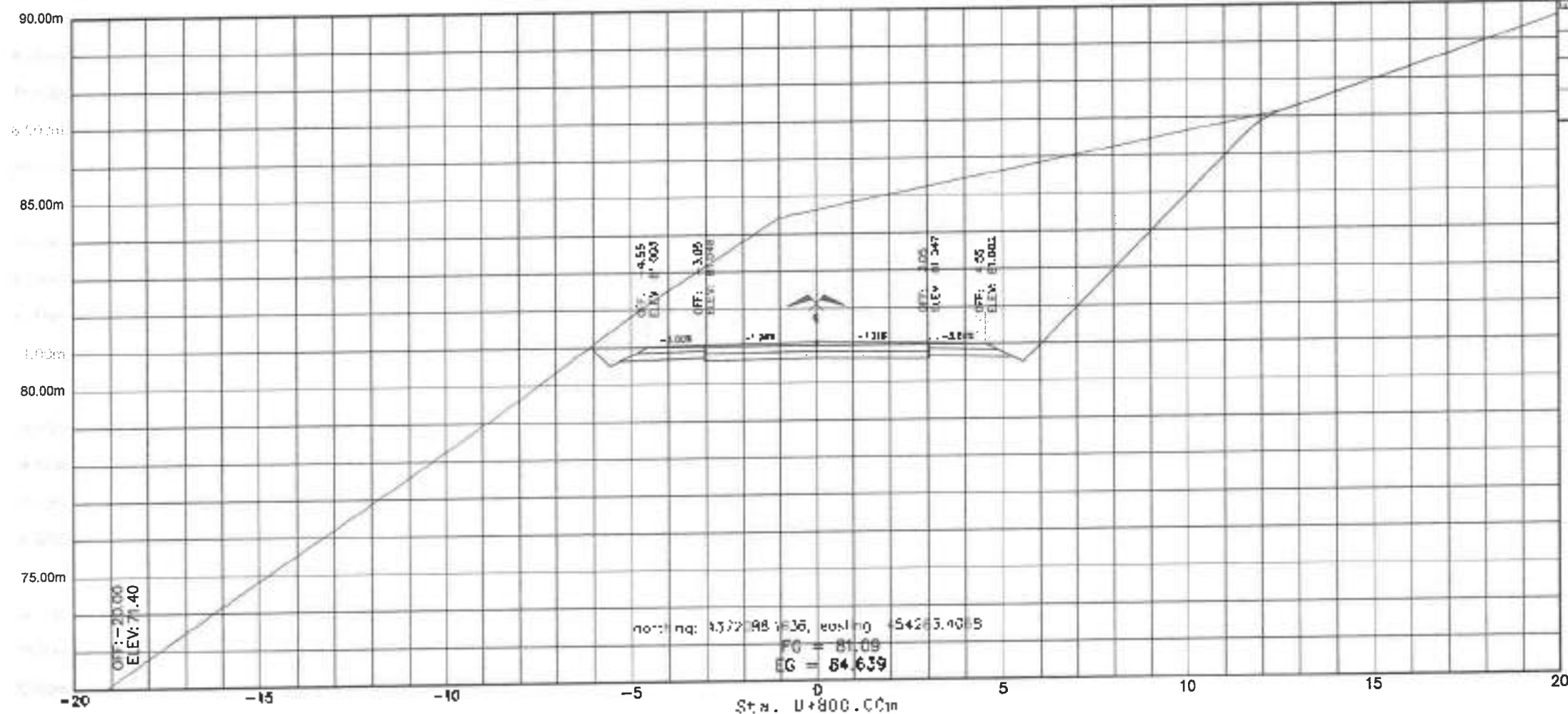
Material(s) at Station K000+780.00	
Material Name	Area
OUT	125.40
FILL	0.00

DETAILED CROSS SECTION SCALE: 1:100 METERS

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VI NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE Catarman, Northern Samar	PROJECT NAME / LOCATION	PROJECT NAME / LOCATION	DESIGNED BY	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	DATE	TIME
	CONSTRUCTION OF CAG-ABAGA - CULARMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR	DETAILED CROSS SECTION	MANFRED N. DELA TORRE ENGINEER II	MAR DONALD N. EIMAN CHIEF, PLANNING AND DESIGN SECTION	ANDY S. ARENO CHIEF, PLANNING AND DESIGN SECTION	VIWAN M. BIACO CHIEF, PLANNING AND DESIGN SECTION	ALVIN A. IGNACIO CHIEF, PLANNING AND DESIGN SECTION	20 03	46 55



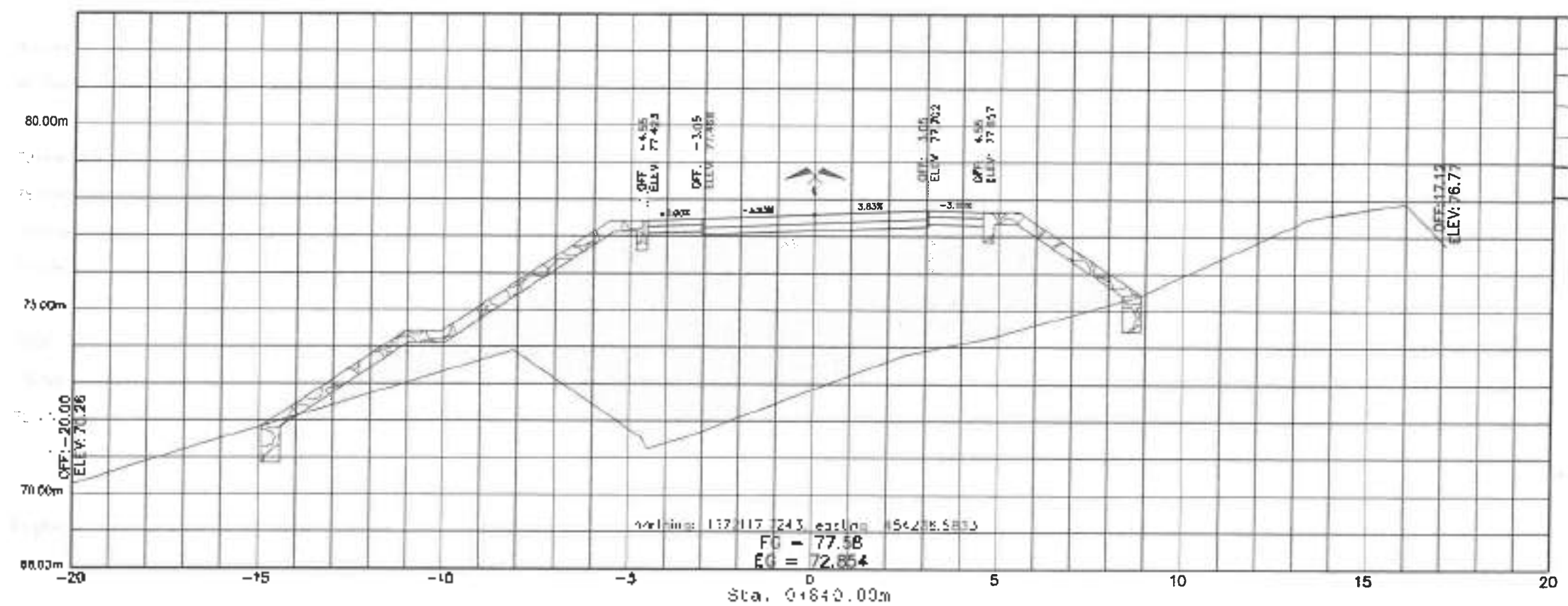
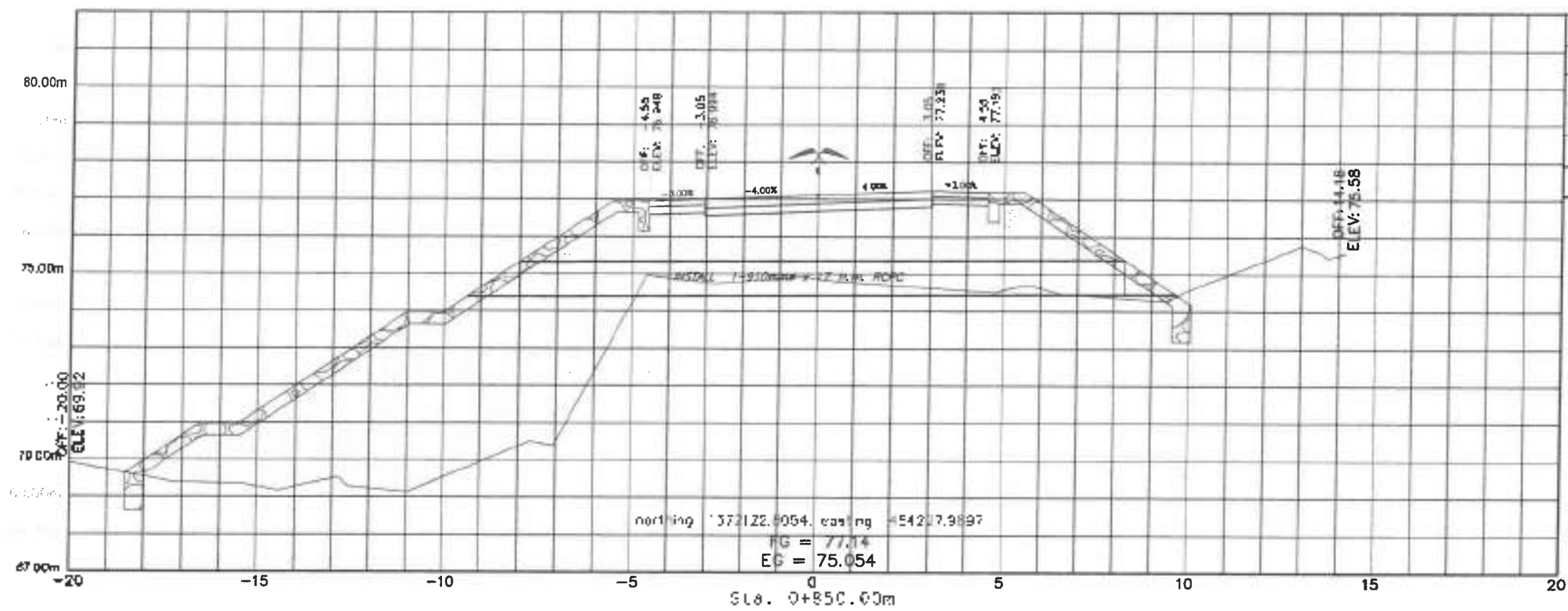
Material at Station 1000+220.00	
Material Name	Area
CUT	7.85
FILL	16.85
ITEM 103(1)4	0.40
ITEM 505(2)6	3.92



Material at Station 1000+800.00	
Material Name	Area
CUT	58.84
FILL	0.00

DETAILED CROSS SECTION SCALE: 1:100 METERS

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE Cebu City, Cebu 6000	PROJECT NAME & LOCATION CONSTRUCTION OF CAG-ABACA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR	PROJECT NAME & LOCATION DETAILED CROSS SECTION	QUANTIFICATION MARKY M. TORIS PLANNING	REVIEWED: MAR DONALD N. EIMAN ALTY CHIEF PLANNING AND DESIGN SECTION	SUBMITTED: ANDY S. ERENO CHIEF PLANNING AND DESIGN SECTION	DESIGNED BY: VIVIAN G. BIACO CHIEF PLANNING AND DESIGN SECTION	APPROVED: ALVIN A. IGNACIO CHIEF PLANNING AND DESIGN SECTION	DATE: 04/03/2024	NO. 01	SHEET 40
	DATE: 04/03/2024									



DETAILED CROSS SECTION
SCALE: 1:100 METERS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. 1
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
Cebu City, Northern Samar

PROJECT NAME/LOCATION
CONSTRUCTION OF CAQ-ABACA -
CULARIMA - GENERAL MALVAR ROAD,
CATARMAN, NORTHERN SAMAR

PROJECT NAME/LOCATION
DETAILED CROSS SECTION

DATE/DESIGNED BY
MARTIN DELA TORRE
ENGINEER II

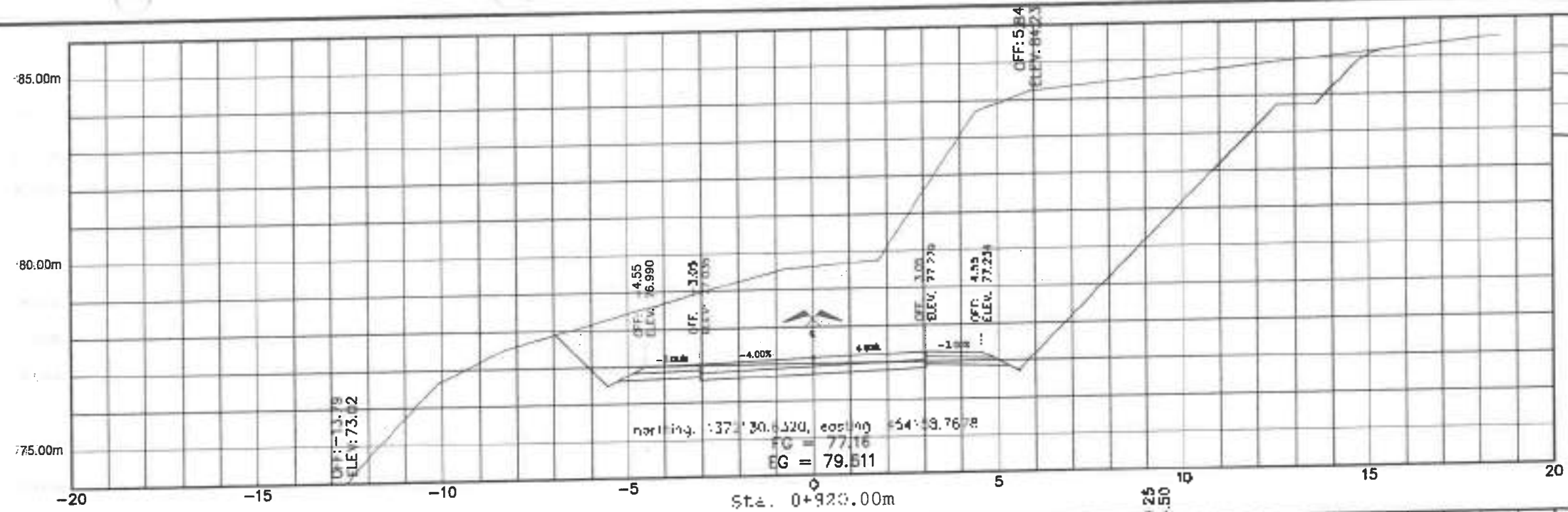
REVIEWED BY
MAR DIONALO N. EIMAN
DATE: 10/10/2023
PLANNING AND DESIGN SECTION

SUBMITTED BY
ANDY S. FRENO
DATE: 10/10/2023
PLANNING AND DESIGN SECTION

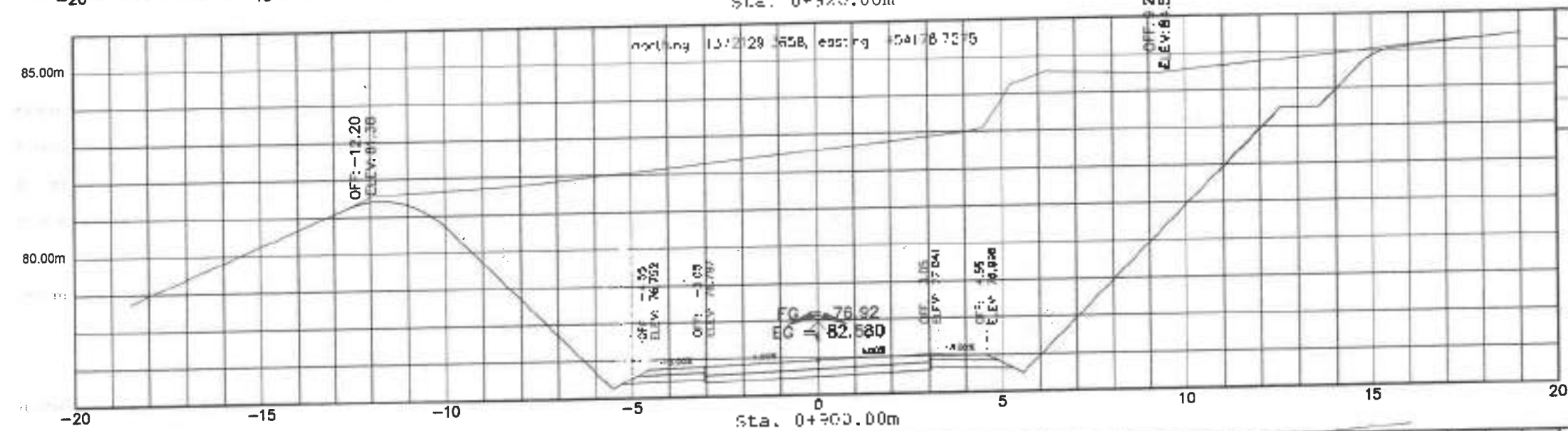
APPROVED BY
ALVIN A. IGNACIO
DATE: 10/10/2023
PLANNING AND DESIGN SECTION

APPROVED BY
ALVIN A. IGNACIO
DATE: 10/10/2023
PLANNING AND DESIGN SECTION

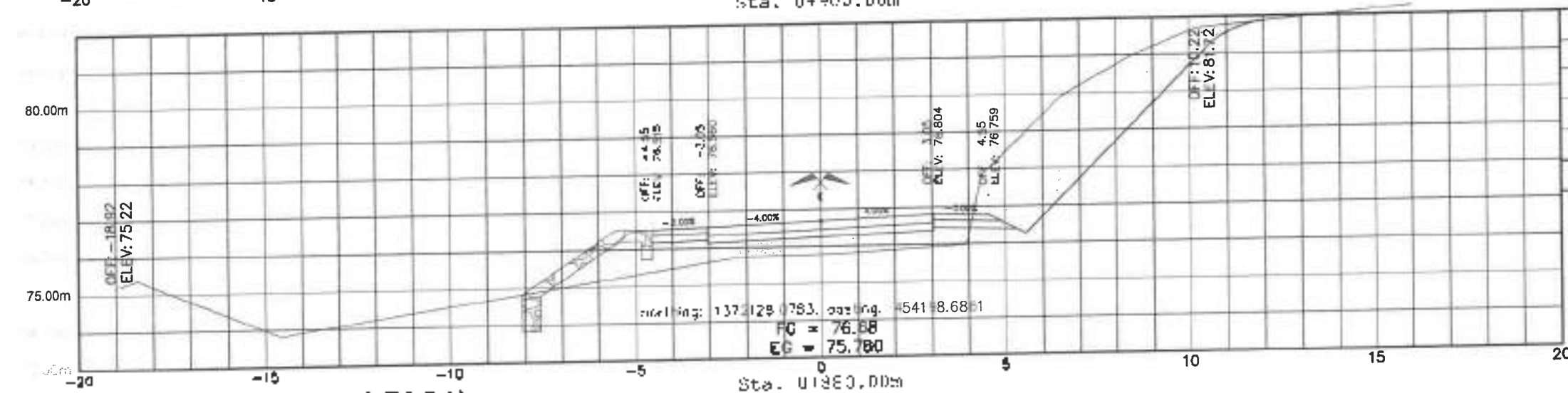
DATE/DESIGNED BY
MARTIN DELA TORRE
ENGINEER II



Material(s) at Station K000+820.00	
Material Name	Area
CUT	71.45
FILL	0.00



Material(s) at Station K000+800.00	
Material Name	Area
CUT	117.20
FILL	0.00



Material(s) at Station K020+800.00	
Material Name	Area
CUT	12.50
FILL	6.42
ITEM 100(1)a	0.53
ITEM 505(2)a	1.83

DETAILED CROSS SECTION SCALE: 1:100 METERS



Department of Public Works and Highways
Regional Office No. 10
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE
Cataraman, Northern Samar

PROJECT NAME & LOCATION
CONSTRUCTION OF CAGABACA - CULARIMA - GENERAL MALVAR ROAD, CATARAMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DESIGNED BY:
Ch
MARCON M. DELA TORRE
ENGINEER

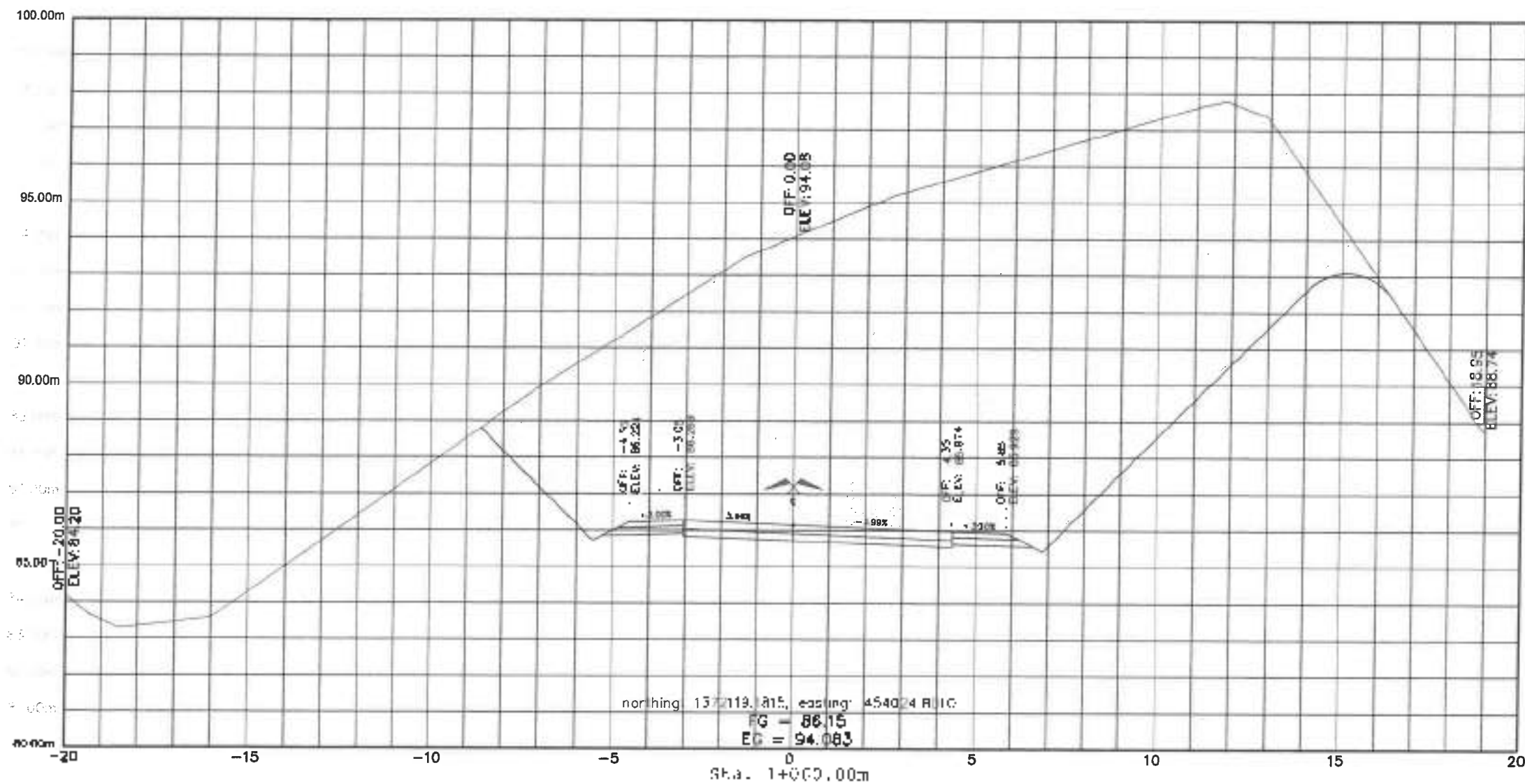
REVIEWED BY:
Mejor
MAR DONALD N. EMAN
CHIEF, CIVIL ENGINEERING SECTION

APPROVED BY:
Andy
ANDY S. BERO
CHIEF, PLANNING AND DESIGN SECTION

RECOMMENDED BY:
Alvin
ALVIN A. IGNACIO
DISTRICT ENGINEER

APPROVED BY:
Alvin
ALVIN A. IGNACIO
DISTRICT ENGINEER

SHEET NO.
27
OF
28



Material(s) in Station 1001-050.00	
Material Name	Area
CUT	171.87
FILL	0.00
ITEM 100(1)a	0.00
ITEM 605(2)a	0.00

DETAILED CROSS SECTION

SCALE: 1:100

METERS



Department of Public Works and Highways
REGIONAL OFFICE NO. VII
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE
Catapangan, Marikina Spring

PROJECT NAME & LOCATION
CONSTRUCTION OF CAGABACA - CULARIMA - GENERAL MALVAR ROAD, CATARIMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DESIGNED BY
Ch
MARTIN M. DELA TORRE
ENGINEER II

REVIEWED
Mar
MAR DONALD N. EIMAN
DISTRICT PLANNING AND DESIGN SECTION
Date

SUBMITTED
Andy
ANDY S. ERENO
DISTRICT PLANNING AND DESIGN SECTION
Date

PREPARED BY
Viv
VIVIANO B. BIACO
DISTRICT ENGINEER
Date

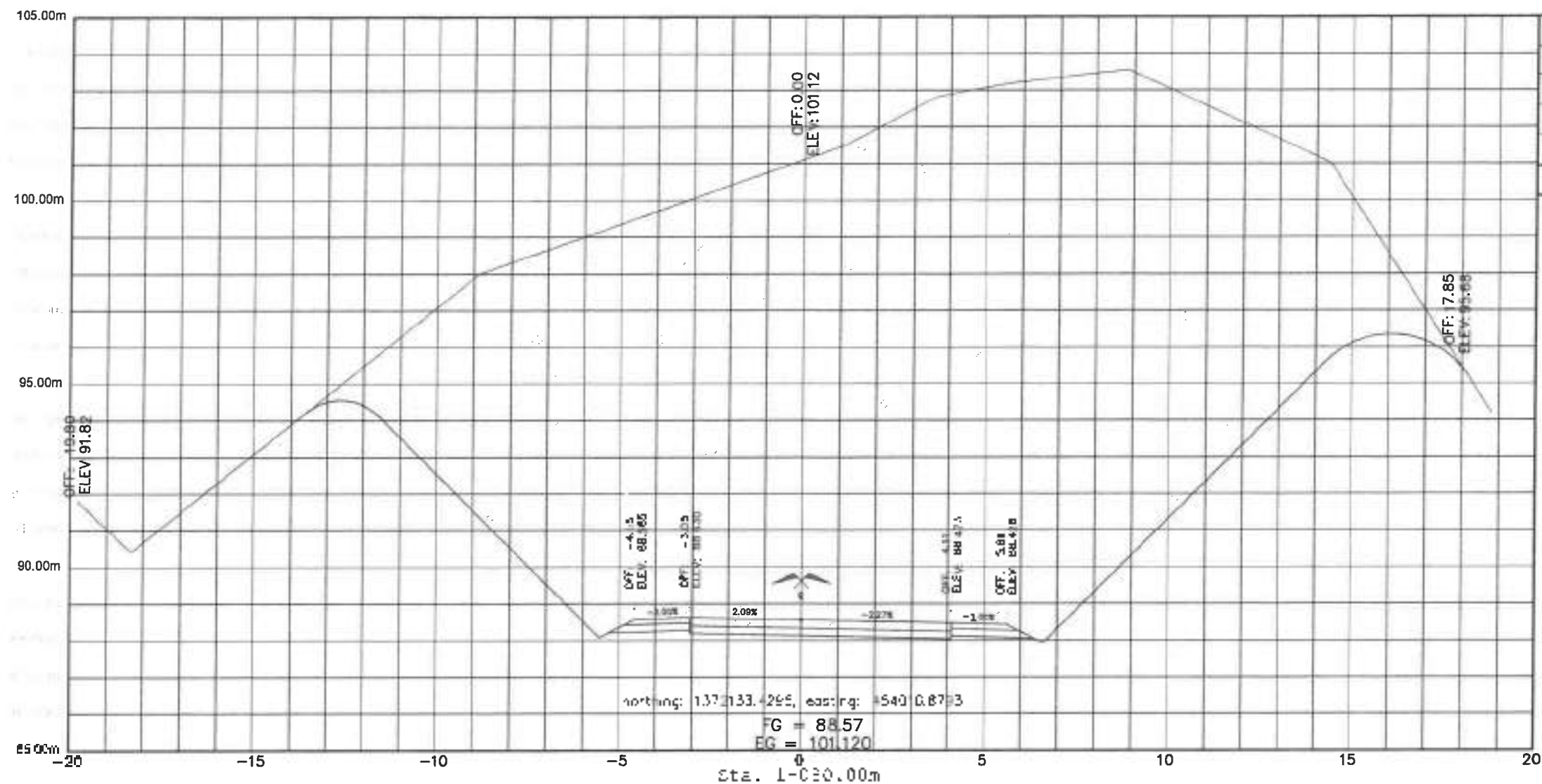
APPROVED
Alvin
ALVIN A. IGNACIO
DISTRICT ENGINEER
Date

BY

CS
5/1/21

CHECKED

SA
5/1/21



Materials at Station 0+00 to 0+20	
Material Name	Area
CUT	283.41
FILL	0.00
ITEM 103(1)a	0.00
ITEM 605(2)a	0.00

DETAILED CROSS SECTION

SCALE: 1:100

METERS



REGIONAL ENGINEERING
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
General Services Section

PROJECT NAME & LOCATION
CONSTRUCTION OF CAG-ABACA -
CULARIMA - GENERAL MALVAR ROAD,
CATARMAN, NORTHERN SAMAR
CATARMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DESIGNED BY
MARTIN M. DELA TORRE
ENGINEER

APPROVED BY
MAR DONALD N. EIMAN
CHIEF ENGINEER, PLANNING AND DESIGN SECTION
Date:

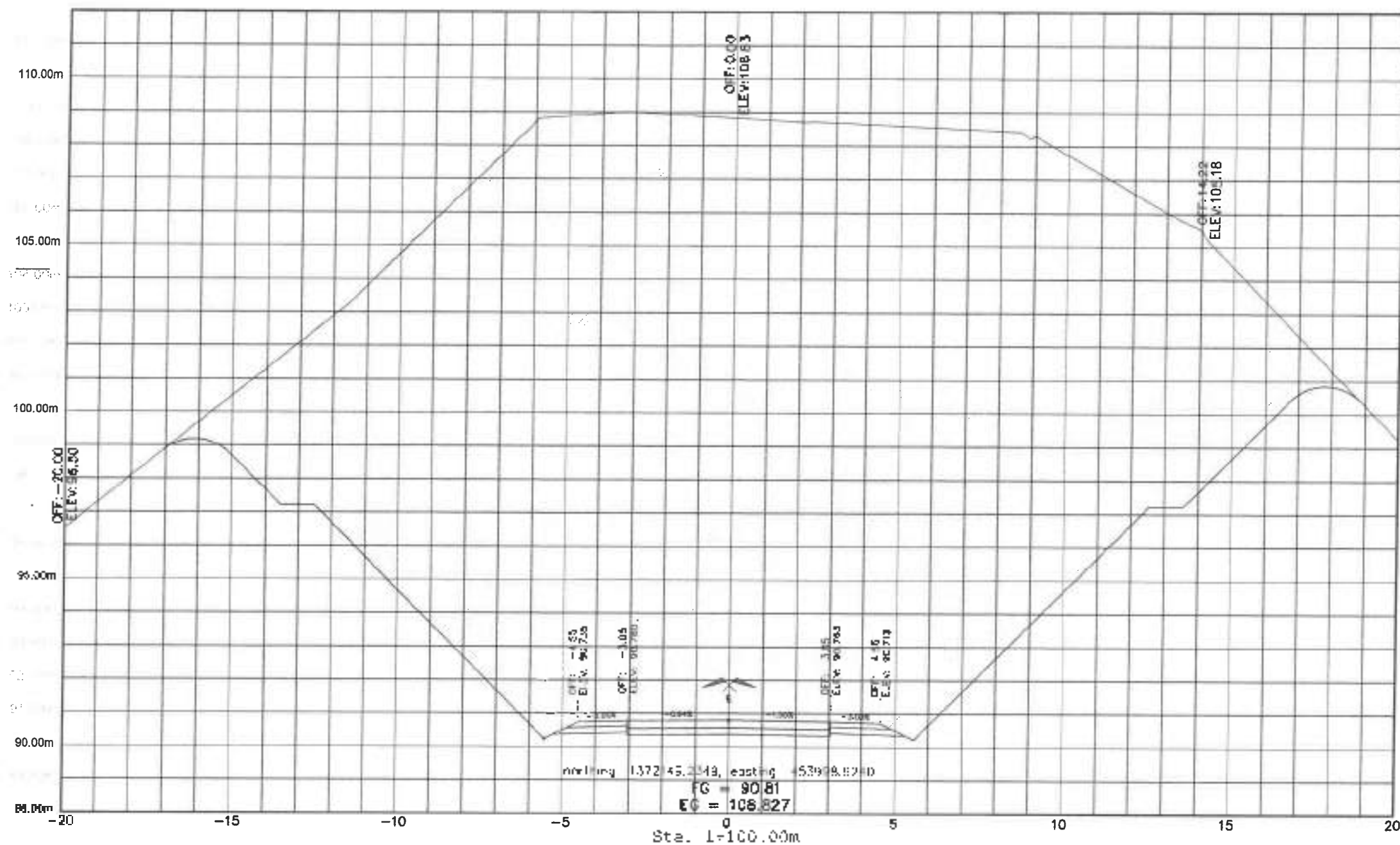
SUBMITTED BY
ANDY S. ARENO
CHIEF, PLANNING AND DESIGN SECTION
Date:

RECOMMENDED BY
VIVIANO B. BIACO
CHIEF, PLANNING AND DESIGN SECTION
Date:

APPROVED BY
ALVIN A. IGNACIO
CHIEF, PLANNING AND DESIGN SECTION
Date:

CE
32.59

SS
53



Materials at Station 4+000 + 100.00	
Material Name	Area
CUT	424.32
FILL	0.00
ITEM 108(1)a	0.00
ITEM 505(2)a	0.00

DETAILED CROSS SECTION

SCALE: 1:100 METERS



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. 1
NORTHERN SAMAR FIRST
DISTRICT ENGINEERING OFFICE
CATARMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
CONSTRUCTION OF CAGABACA -
DULARINA - GENERAL MALVAR ROAD,
CATARMAN, NORTHERN SAMAR

PROJECT NAME & LOCATION
DETAILED CROSS SECTION

DESIGNED BY
MARVIN M. DELA TORRE
ENGINEER II

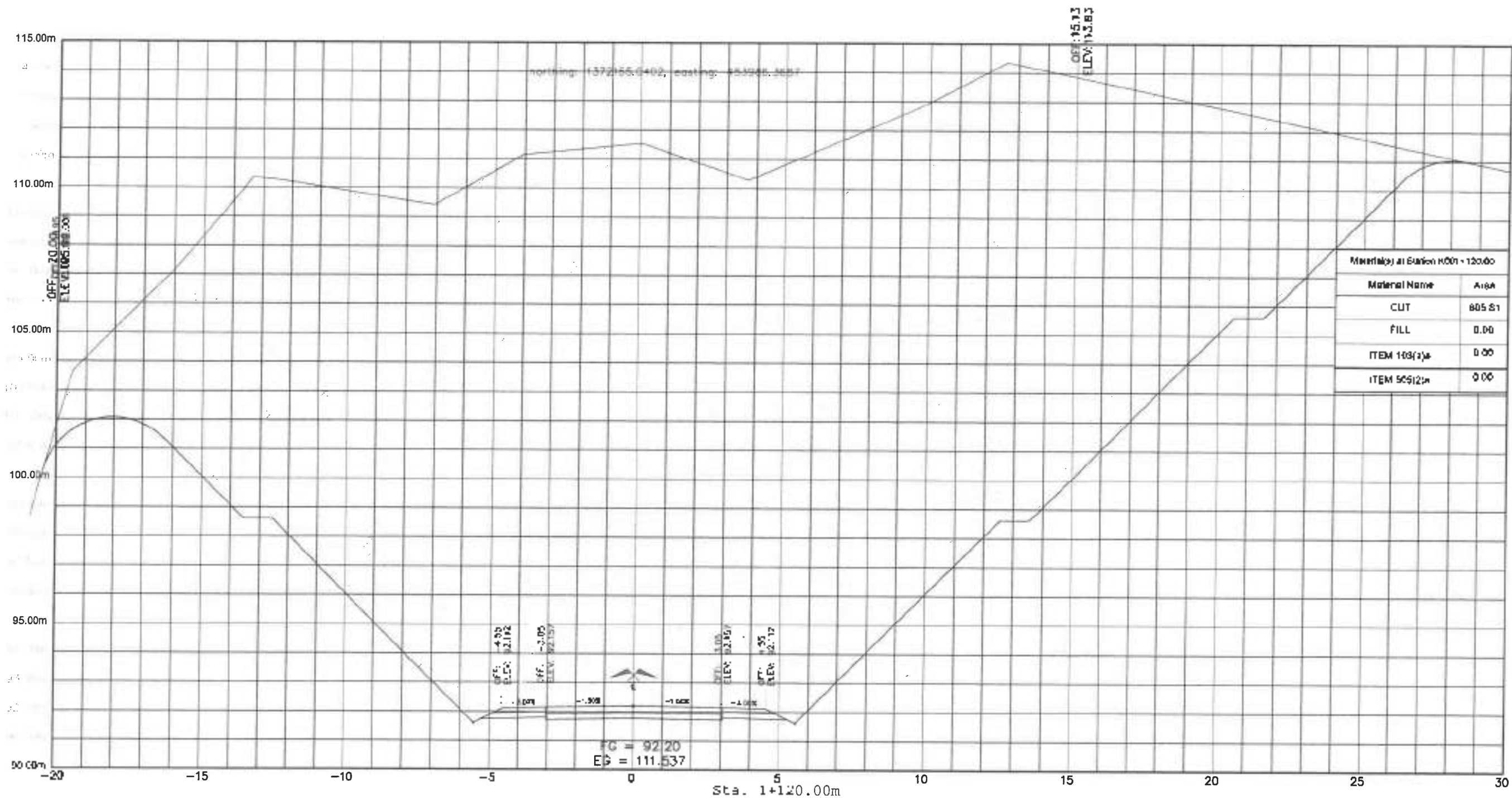
REVIEWED BY
MAR DONALD N. EIMAN
ASST. CHIEF PLANNING AND DESIGN SECTION

SUBMITTED BY
ANDY S. BRENO
CHIEF PLANNING AND DESIGN SECTION

RECOMMENDED BY
VIVIAN B. BIACO
ASST. CHIEF PLANNING AND DESIGN SECTION

APPROVED BY
ALVIN A. IGNACIO
DISTRICT ENGINEER

DATE
3/3/24
SHEET NO.
4



DETAILED CROSS SECTION SCALE: 1:100 METERS



Department of Public Works and Highways
REGIONAL OFFICE NO. VI
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE
Catarman, Northern Samar

PROJECT NAME: CAGABAGA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR
PROJECT NO.: 100/2015
PROJECT LOCATION: CAGABAGA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR

PROJECT NAME: CAGABAGA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR
PROJECT NO.: 100/2015
PROJECT LOCATION: CAGABAGA - CULARIMA - GENERAL MALVAR ROAD, CATARMAN, NORTHERN SAMAR

DESIGNED BY: *Ch*
MR. RYAN M. DELA TORRE
(LIC. 100/2015)

APPROVED BY: *Mar*
MR. DONALD N. EIMAN
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE

SUBMITTED BY: *Andy*
ANDY B. ERENO
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE

FORWARDED BY: *Alvin*
ALVIN A. IGNACIO
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE

APPROVED BY: *Alvin*
ALVIN A. IGNACIO
NORTHERN SAMAR FIRST DISTRICT ENGINEERING OFFICE

DATE: 10/10/2015
PAGE: 57