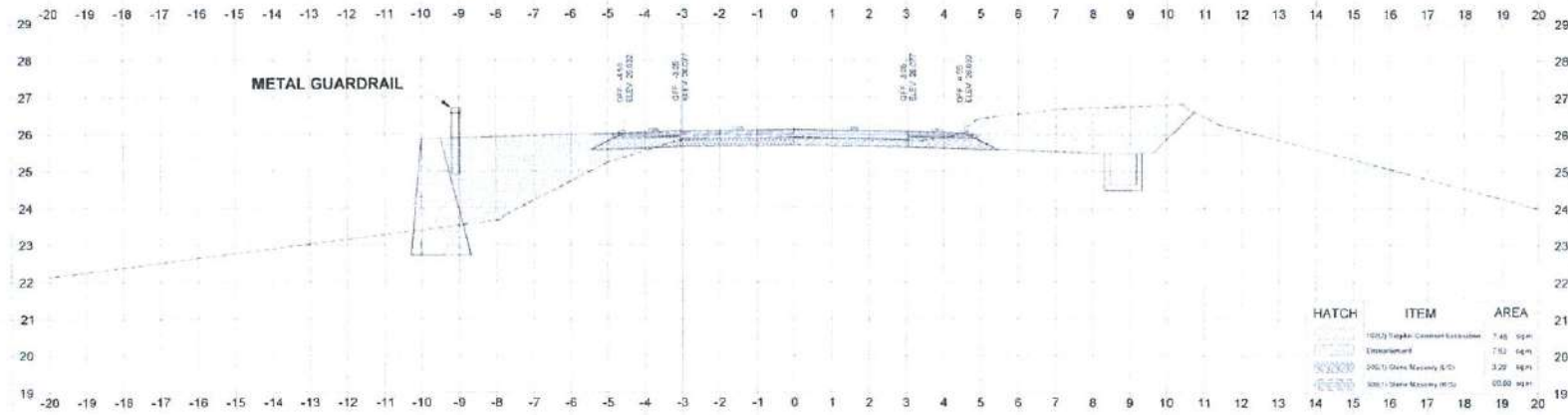
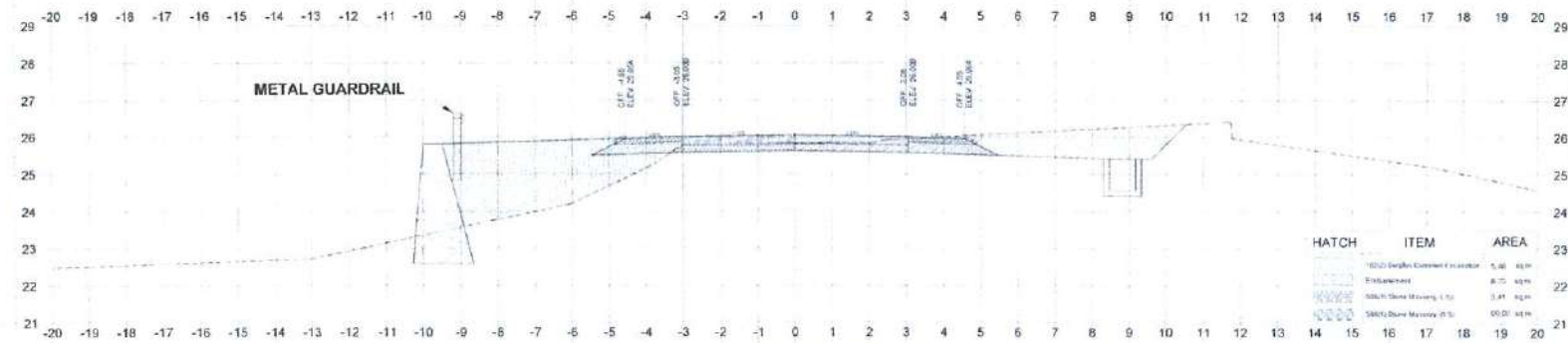


 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII SARANG PAIG LEMBE	PROJECT NAME AND LOCATION	SHEET CONTENTS	DESIGNED BY	REVIEWED BY	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SHEET NO.	SHEET NO.
	SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR/ STRATEGIC PUBLIC BUILDING/ FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TAGLOAN CITY TACLOBAN CITY, ILO	DETAILED CROSS SECTION	FRANCIS ALVIN C. MADERA ENGINEER II	FELIX R. BACULIS CHIEF, REGIONAL DESIGN DIVISION	AGNES H. BARONDA SHEP. PLANNING AND DESIGN DIVISION	MA. MARGARITA C. SENIA, OAS ASSISTANT REGIONAL DIRECTOR	EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR	46 / 120	100 / 175



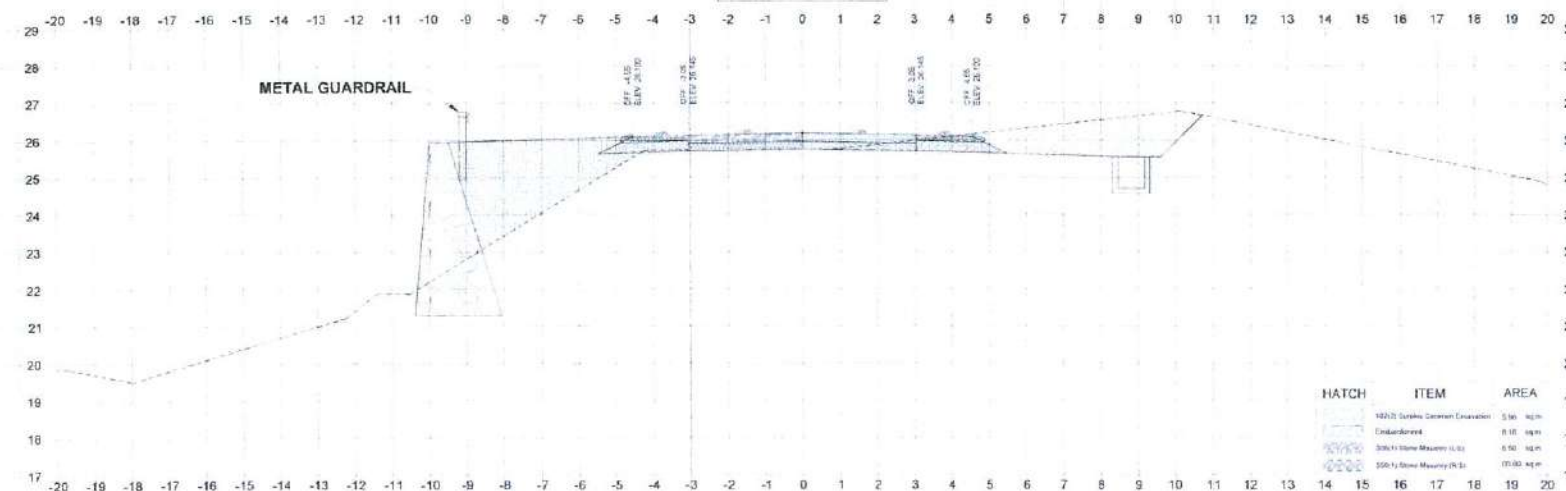
STA. 1+800.00
FGE = 26.123
NORTHING = 1,246,017.343
EASTING = 490,681.825



STA. 1+780.00
FGE = 26.055
NORTHING = 1,246,036.734
EASTING = 490,686.665

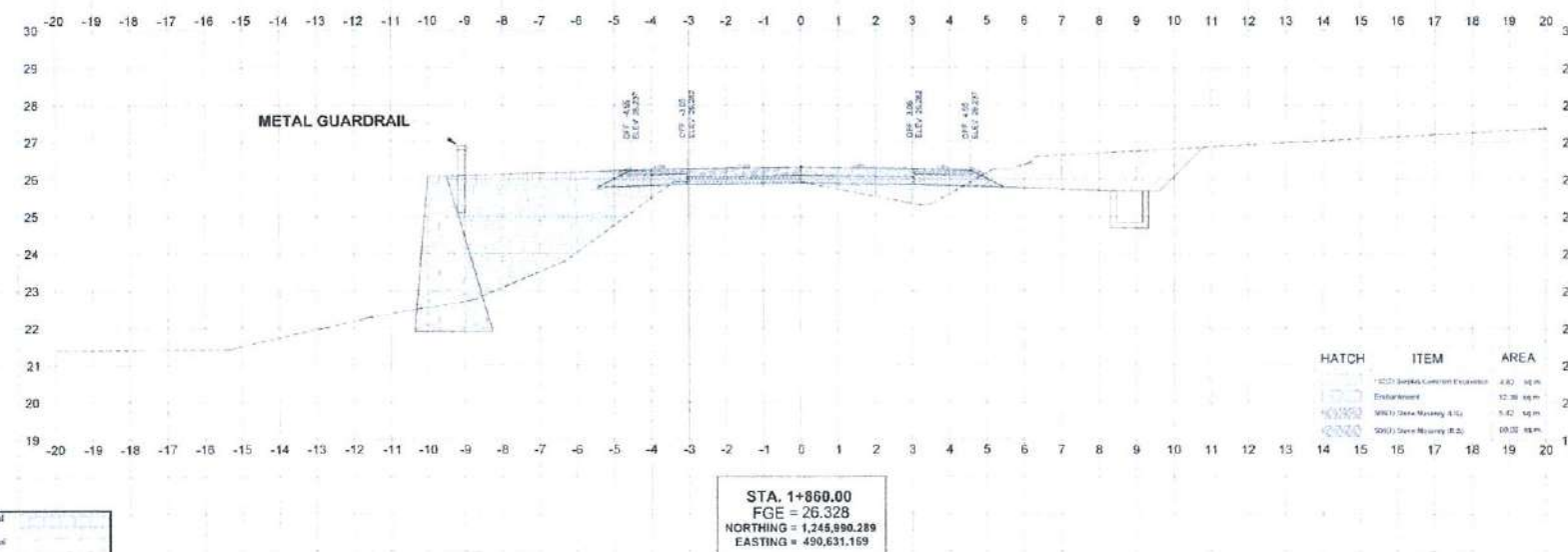
1001) - Gravel Concrete Enclosure
1002) - Gravel Concrete Enclosure
1003) - Gravel Concrete Enclosure
1004) - Gravel Concrete Enclosure
1005) - Gravel Concrete Enclosure
1006) - Gravel Concrete Enclosure
1007) - Gravel Concrete Enclosure
1008) - Gravel Concrete Enclosure
1009) - Gravel Concrete Enclosure
1010) - Gravel Concrete Enclosure
1011) - Gravel Concrete Enclosure
1012) - Gravel Concrete Enclosure
1013) - Gravel Concrete Enclosure
1014) - Gravel Concrete Enclosure
1015) - Gravel Concrete Enclosure
1016) - Gravel Concrete Enclosure
1017) - Gravel Concrete Enclosure
1018) - Gravel Concrete Enclosure
1019) - Gravel Concrete Enclosure
1020) - Gravel Concrete Enclosure

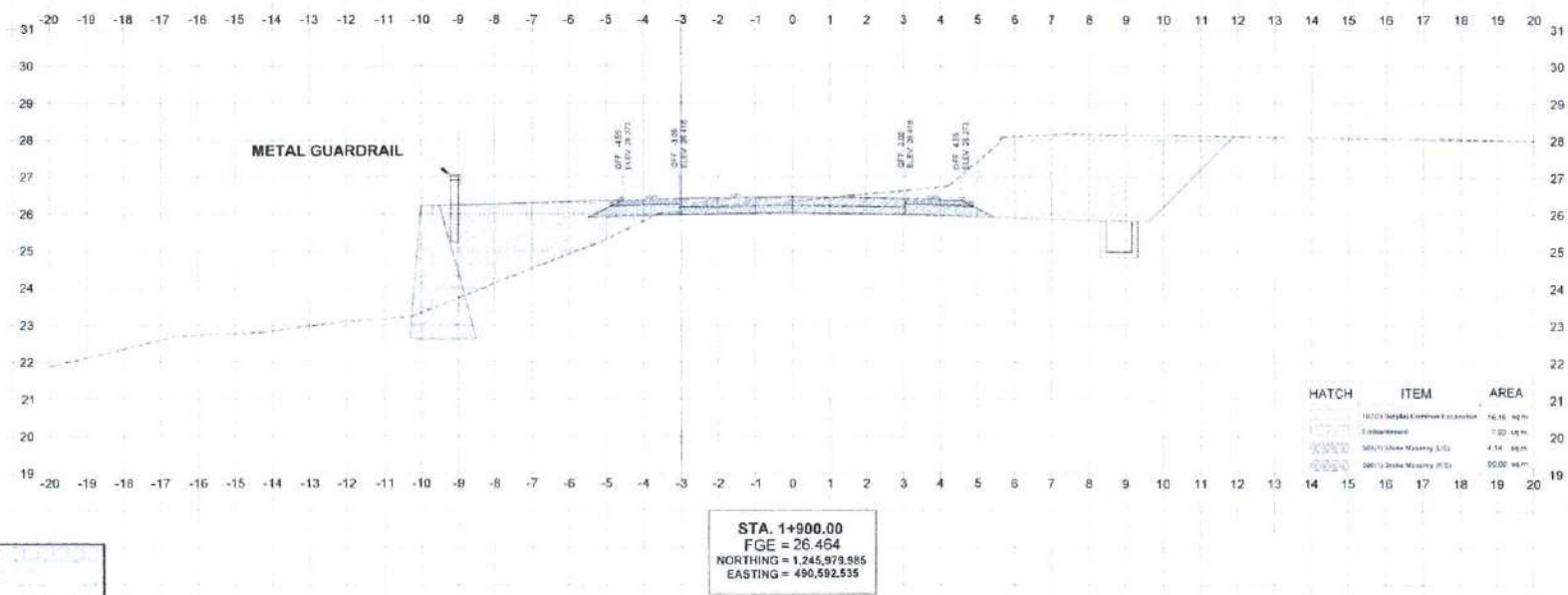
	PROJECT NAME AND LOCATION SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOUR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BAHANGAY PAGLAUM TO BAHANGAY TABANGHAY, TACLOBAN CITY TACLOBAN CITY, LD	REVIEW COMMENTS DETAILED CROSS SECTION	PREPARED BY FRANCIS ALBERT E. NADERA ENGINEER	REVIEWED BY FELIX R. MACUS CHIEF ENGINEER AND DESIGN DIVISION	SUBMITTED BY MA. MARGARET L. JUNIA, D.M. ASSISTANT REGIONAL DIRECTOR	APPROVED BY EDGAR B. TABACON, CESO III REGIONAL DIRECTOR	SET NO. 47 SHEET NO. 101 OF 175
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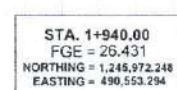
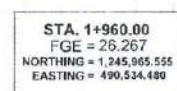
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FGE = 26.191
NORTHING = 1,246,002.802
EASTING = 490,660.160

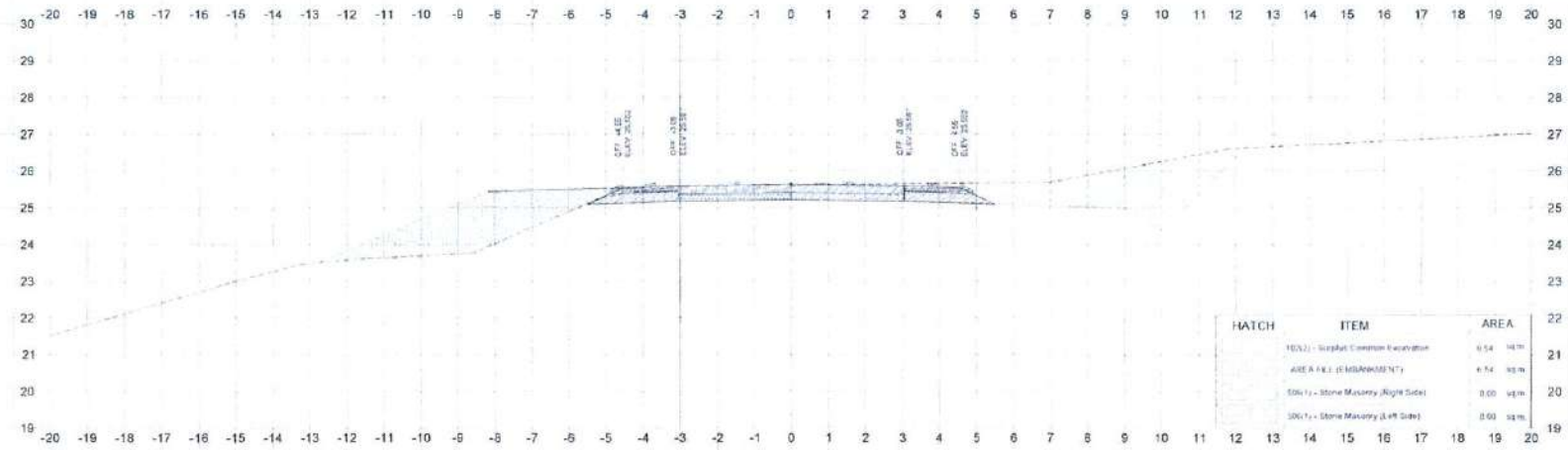
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BANGAL, PAO, LIT	PROJECT NAME AND LOCATION	SHEET CONTENTS	PREPARED	REVIEWED	SUBMITTED	RECOMMENDED	APPROVED	SCT NO.	SHEET NO.
	SPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY LD	DETAILED CROSS SECTION	FRANCIS ALVIN C. NADERA ENGINEER II DATE	FELEX P. FRANCIS CHIEF HIGHWAY DESIGN SECTION DATE	AGNES M. BARONDA CHIEF PLANNING AND DESIGN DIVISION DATE	MA. MARGARITA T. JUNIA, DAE ASST. CHIEF HIGHWAY DESIGN DIVISION DATE	EDGAR B. TABACON, CES IV REGIONAL DIRECTOR DATE	0120	175



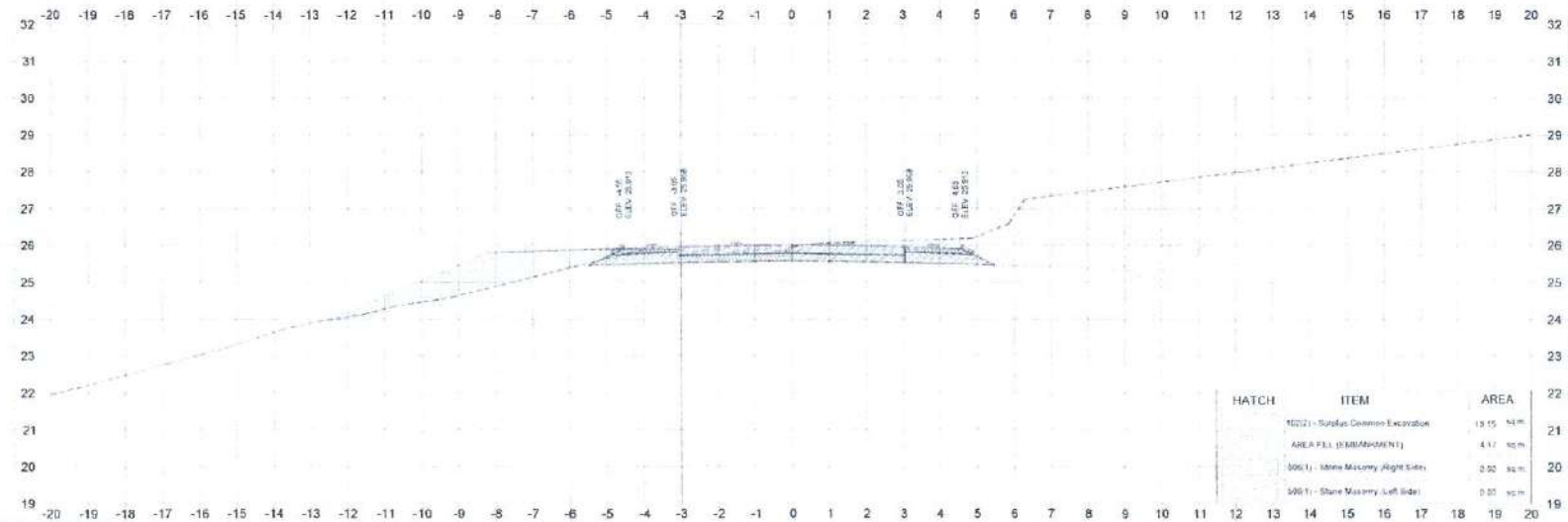


 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BARAS HALL, LAYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	PREPARED BY	APPROVED	SUBMITTED	RECOMMENDED	APPROVED	SHEET NO.	SHEET NO.
	SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDING FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BANAGANG PAGLAUM TO BARANAGY TABANGOHAY, TAGLOAN CITY DETAILED CROSS SECTION TACLOBAN CITY LD	FRANCIS ALVIN C. NADERA ENGINEER II	FELIX M. BACUS CHIEF PLANNING AND DESIGN DIVISION	AGNES M. BARONDA CHIEF PLANNING AND DESIGN DIVISION	MA. MARGARITA C. JUNA, D.M. ASSISTANT REGIONAL DIRECTOR	EDGARDO TABACON, PESS IV REGIONAL DIRECTOR	0 120	164 175	





STA. 2+000.00
FGE = 25.643
NORTHING = 1,245,943.846
EASTING = 490,900.956



STA. 1+980.00
FGE = 25.004
NORTHING = 1,245,955.354
EASTING = 490,517.308

100/11 - Subgrade Preparation, Common Material
300/11 - Gravel Surface Course
100/11 - Subgrade Preparation, Common Material
200/11 - FGD Pavement (Unconfined) 0.2m
thick, 14 days
200/11 - Aggregate Subbase Course
Existing: FGD 0.20 m thick and 3.25 m width
Existing: Subbase



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BARAS PAJO, LEYTE

PROJECT NAME AND LOCATION
SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE
NATIONAL ROADS LEADING TO MAJORITY STRATEGIC
PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF
ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM
TO BARANGAY TABANGHAY, TACLOBAN CITY
TACLOBAN CITY, LD

SHEET CONTENTS
DETAILED CROSS SECTION

PREPARED BY
FRANCIS ALVIN C. NADERA
DATE

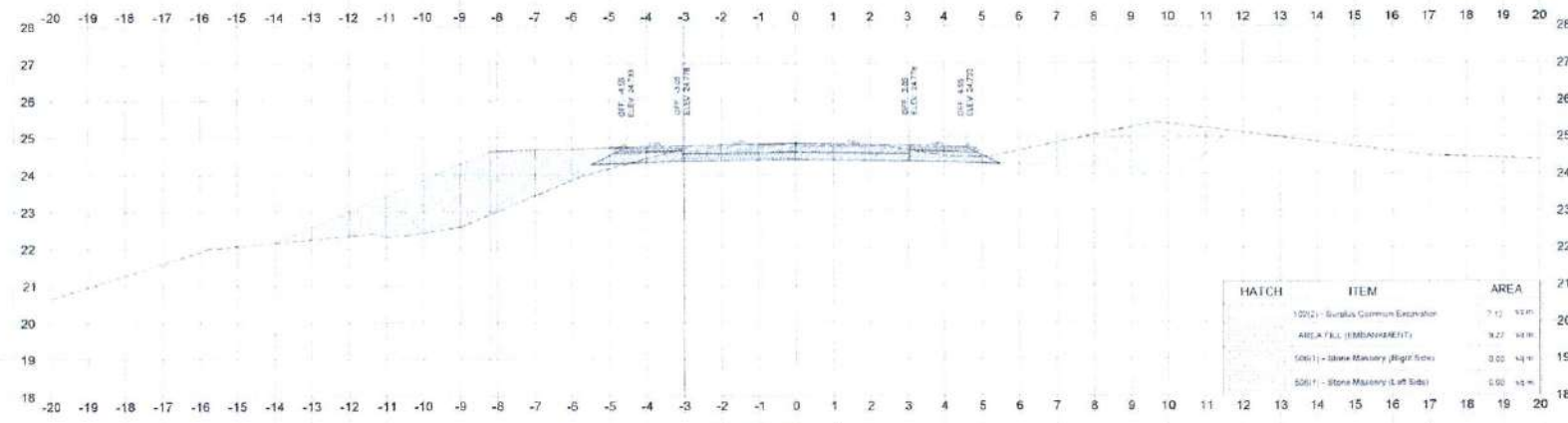
REVIEWED BY
FELIX R. BALDO
DATE

DESIGNED BY
AGNES M. BARONDA
DATE

RECOMMENDED BY
MA. MARGARITA C. JUNIL, D.M.
DATE

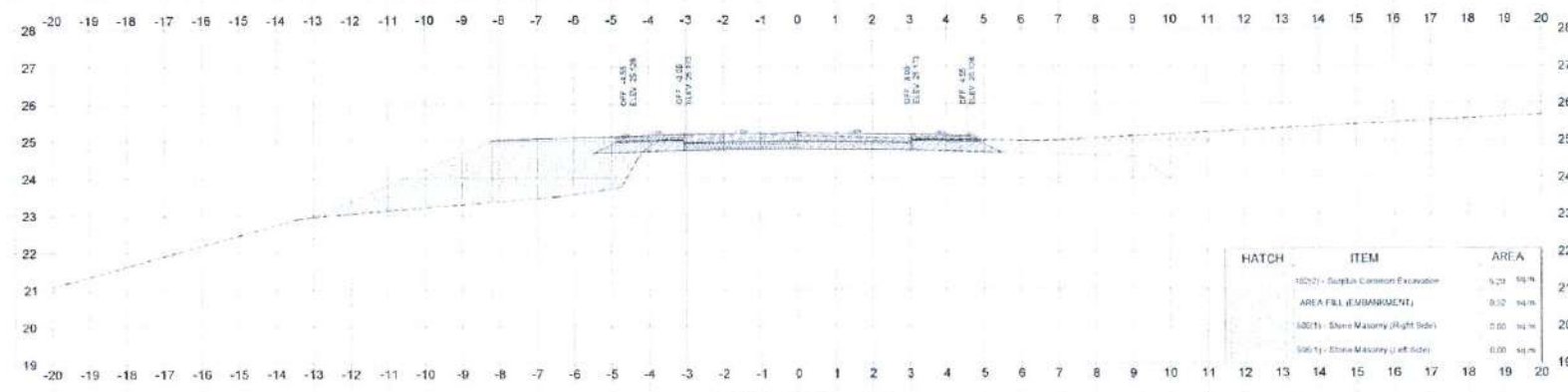
APPROVED BY
EDGAR B. TABACON, CESO IV
DATE

SHEET NO.
52/120
TOTAL SHEETS
106/175



STA. 2+040.00
FGE = 24.824
OGE = 24.75
NORTHING = 1,245,920.808
EASTING = 490,468.258

HATCH	ITEM	AREA
100(1) - Surplus Common Excavator		7.12 sq.m
AREA FILL (EMBANKMENT)		8.27 sq.m
500(1) - Stone Masonry (Right Side)		0.00 sq.m
500(1) - Stone Masonry (Left Side)		0.00 sq.m

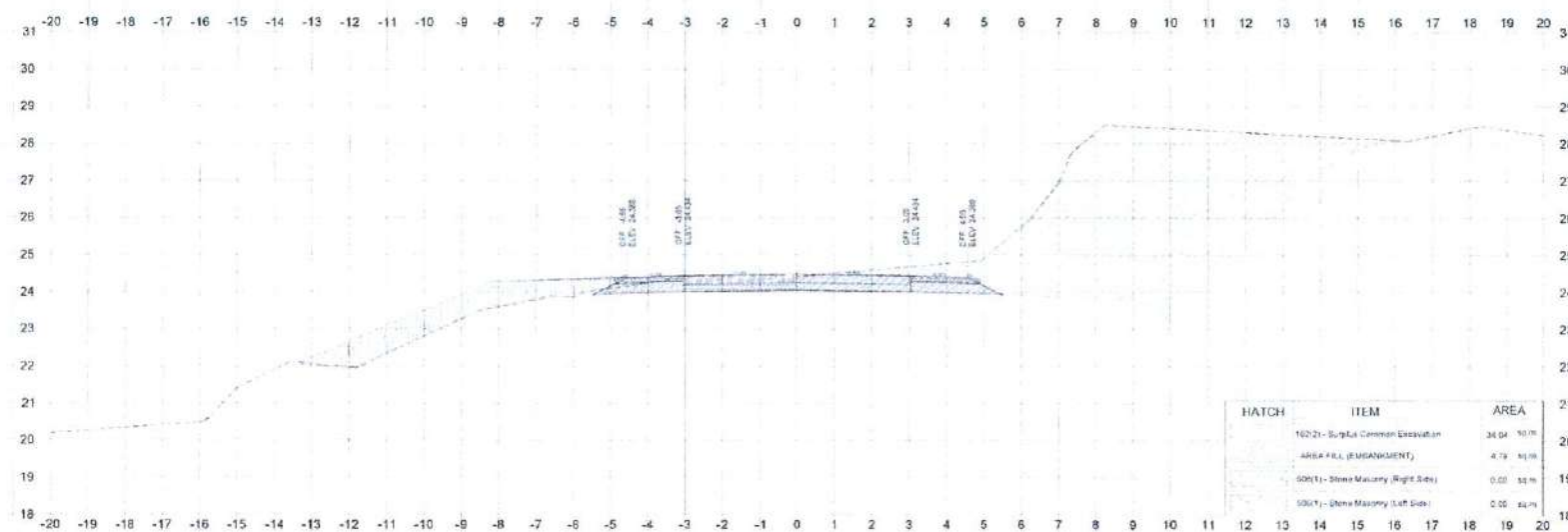


STA. 2+020.00
FGE = 25.218
NORTHING = 1,245,932.327
EASTING = 490,484.606

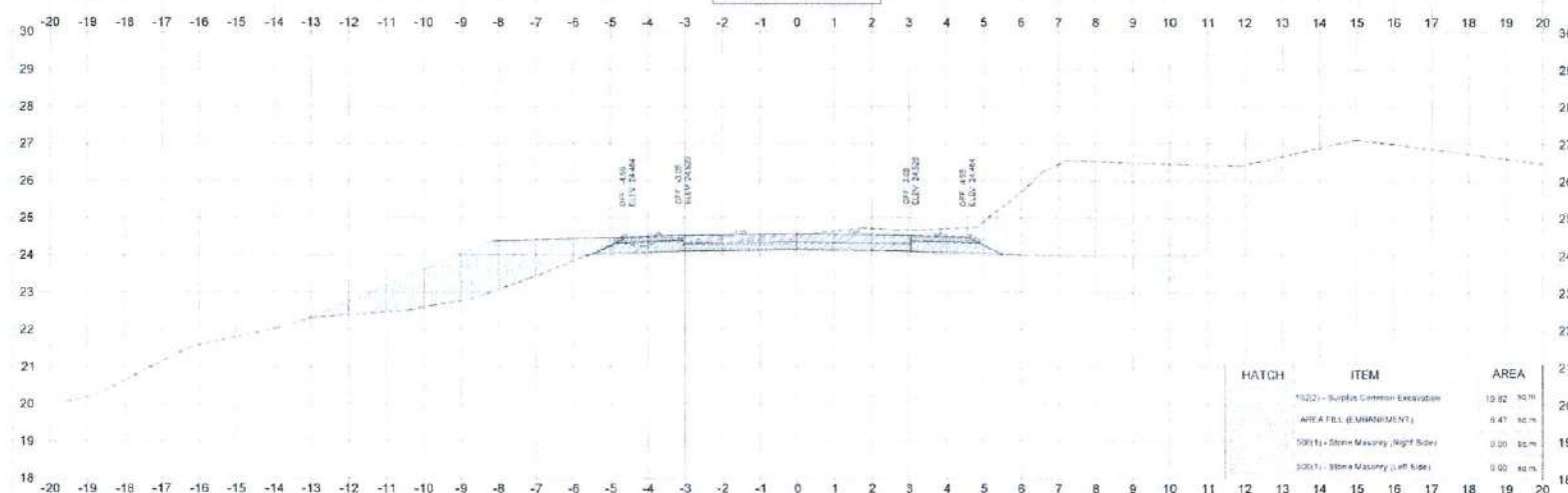
HATCH	ITEM	AREA
100(1) - Surplus Common Excavator		5.29 sq.m
AREA FILL (EMBANKMENT)		9.32 sq.m
500(1) - Stone Masonry (Right Side)		0.00 sq.m
500(1) - Stone Masonry (Left Side)		0.00 sq.m

100(1) - Subgrade Preparation, Common Material
100(1) - Subgrade Preparation, Common Material
100(1) - PCC Pavement (Unreinforced), 0.2m
100(1) - Aggregate Subbase Course
Lining: PCCP 0.23 m thick and 3.05 m width
Existing Subbase

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII SARAS PALO, LAYTE	PROJECT NAME AND LOCATION SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAULAM TO BARANGAY TABANOGHAY, TACLOBAN CITY	SHEET CONTENTS DETAILED CROSS SECTION	PREPARED FRANCIS ALVIN C. NADERA DATE	REVIEWED FELIX E. BACUS DATE	DESIGNED AGNES M. BARONDA DATE	RECOMMENDED MA. MARGARITA C. JUNA, D.M. DATE	APPROVED EDGAR B. TABACON, CESO IV DATE	SET NO. D 107	SHEET NO. 175
	TACLOBAN CITY, LD								



STA. 2+080.00
 FGE = 24.480
 OGE = 25.23
 NORTHING = 1,245,898.951
 EASTING = 490,434.842



STA. 2+060.00
 FGE = 24.575
 OGE = 24.94
 NORTHING = 1,245,909.290
 EASTING = 490,451.906

100% - Subgrade Preparation: Common Material
 100% - Gravel Surface Course
 100% - Subgrade Preparation: Common Material
 100% - PCC Pavement (Interlocked): 0.25m
 100% - Aggregate Drainage Course
 Existing: PCCP 0.23m thick and 3.65m wide
 Existing: Subbase



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGIONAL OFFICE NO. VIII
 BARAS, PALO LEYTE

PROJECT NAME AND LOCATION
 SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE
 NATIONAL ROADS LEADING TO MAJOR/ STRATEGIC
 PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF
 ROAD SEGMENT 1 - PHASE 1, BARANGAY PADJAJUM
 TO BARANGAY TABANGOHAY, TACLOBAN CITY
 TACLOBAN CITY LGU

SHEET CONTENTS
 DETAILED CROSS SECTION

PREPARED BY
 FRANCIS ALVIN C. NADERA
 ENGINEER
 DATE

REVIEWED BY
 FELIX P. BALUS
 CHIEF ENGINEER/DESIGN SECTION
 DATE

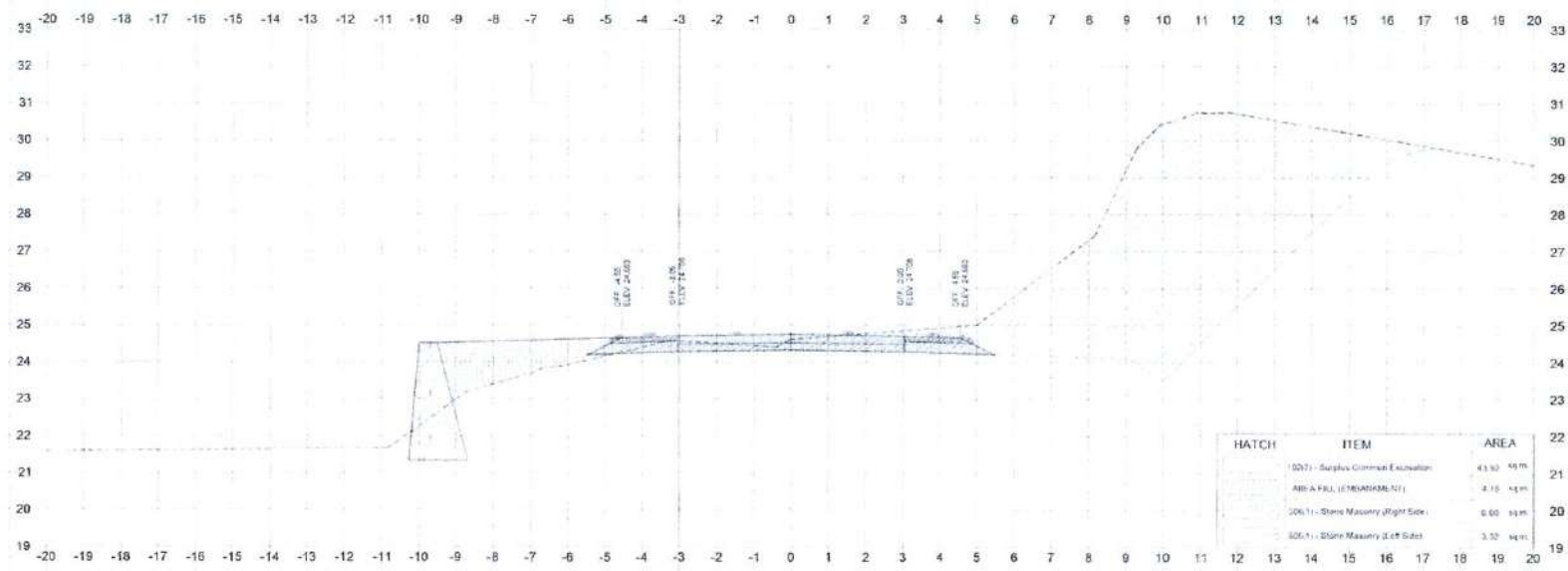
SUBMITTED BY
 AGNES M. BARCUD
 CHIEF PLANNING AND DESIGN SECTION
 DATE

RECOMMENDED BY
 MA. MARGARITA C. JUMIA, D.E.
 ASSISTANT REGIONAL DIRECTOR
 DATE

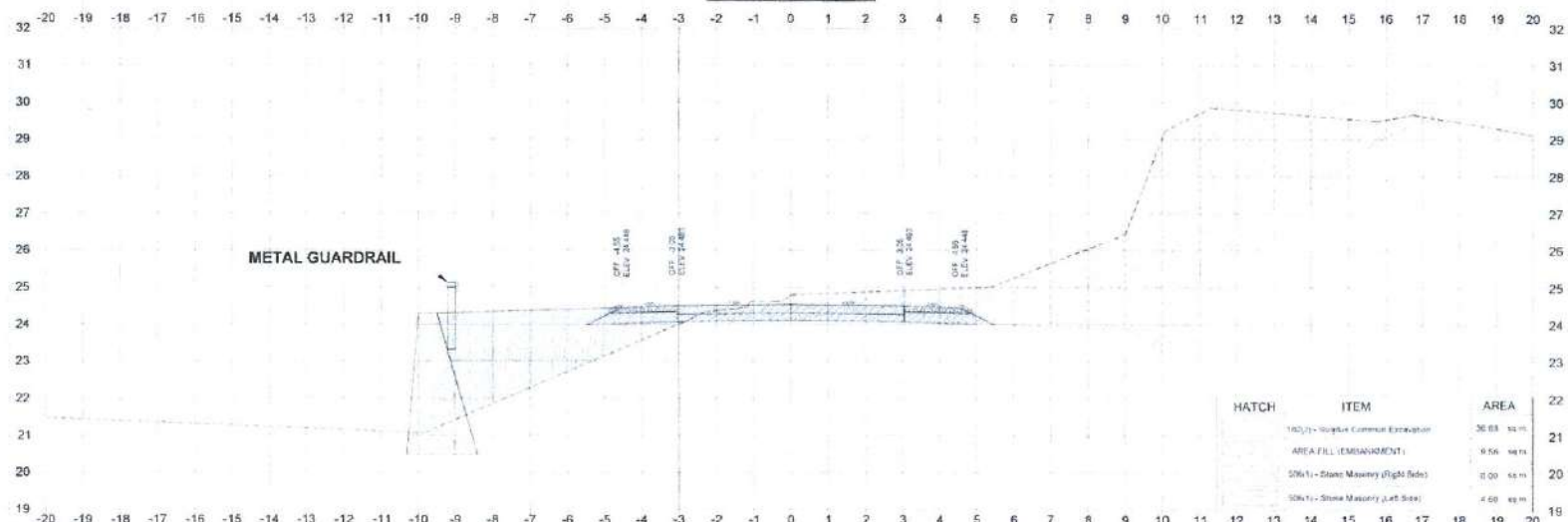
APPROVED BY
 EDGAR B. TABACON, CESO IV
 REGIONAL DIRECTOR
 DATE

SHEET NO.
 108
 SHEET NO.
 175

SCALE 1:100



STA. 2+120.00
FGE = 24.754
OGE = 24.62
NORTHING = 1,245,694.972
EASTING = 490,395.634



METAL GUARDRAIL

STA. 2+100.00
FGE = 24.539
OGE = 25.25
NORTHING = 1,245,893.388
EASTING = 490,415.549

100(19) - Subgrade Preparation - Common Material
300(1) - Gravel Surface Course
100(19) - Subgrade Preparation - Common Material
115(1) - PCC Pavement (Unreinforced) 0.22m
Thick 14 days
200(1) - Aggregate Subbase Course
Existing: HOGP 0.23 m thick and 3.05 m width
Filling: Concrete



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BANAS RANG LAYTE

PROJECT NAME AND LOCATION
SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE
NATIONAL ROADS LEADING TO MAJOR STRATEGIC
PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF
ROAD SEGMENT I - PHASE 1, BARANGAY PAGLAUM
TO BARANGAY TABANGOHAY, TACLOBAN CITY
TACLOBAN CITY LG

SHEET CONTENTS
DETAILED CROSS SECTION

PREPARED
FRANCIS ALVIN C. NADERA
DATE

REVIEWED
FELIX R. MADIS
DATE

SUBMITTED
AGNES N. BARONDA
DATE

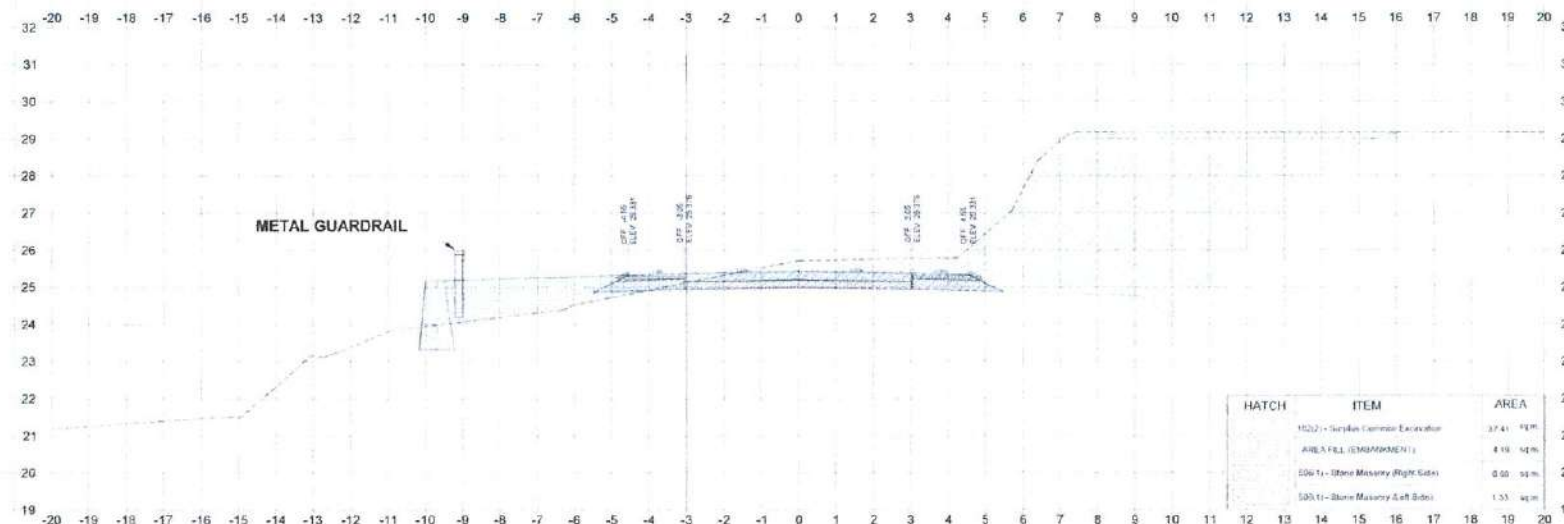
RECOMMENDED
MA. MERGURITA C. JUNIA D.M.
DATE

APPROVED
EDGAR B. TABACON, CESOTE
DATE

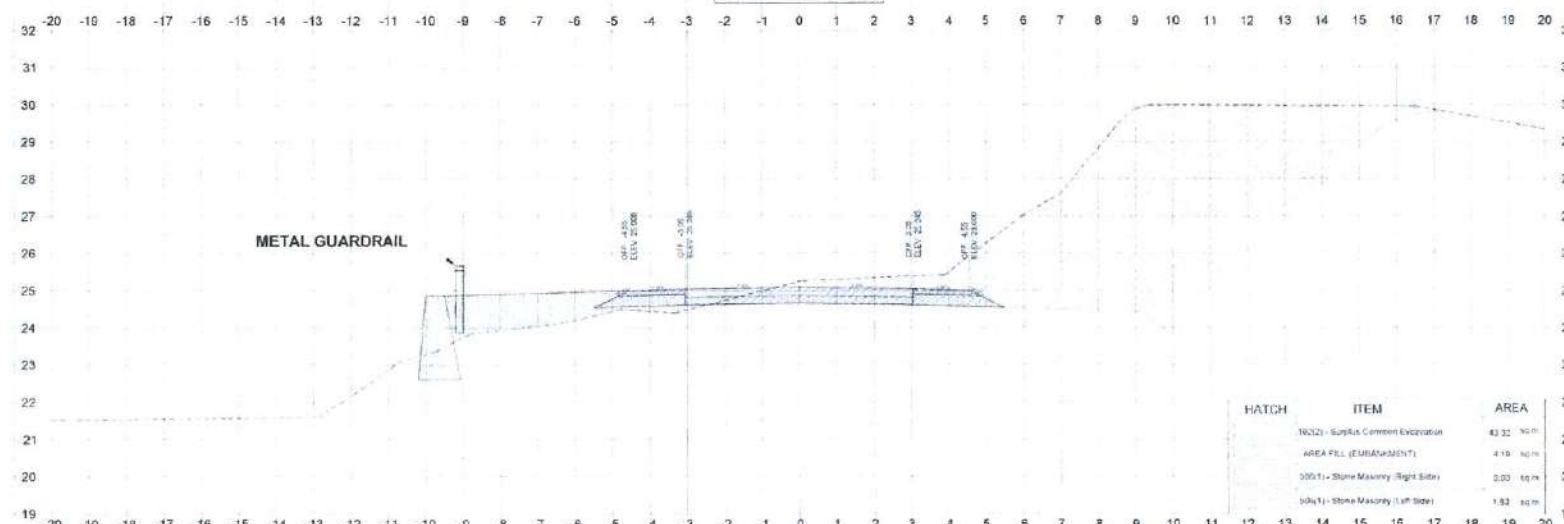
SHEET NO.
D
120

SHEET NO.
109
175

SCALE 1:100



STA. 2+160.00
FGE = 25.422
OGE = 26.40
NORTHING = 1,245,900.490
EASTING = 490,356.016



STA. 2+140.00
FGE = 25.091
OGE = 26.25
NORTHING = 1,245,897.731
EASTING = 490,375.625

100(1) - Subgrade Preparation, Common Material
500(1) - Subgrade Preparation, Common Material
100(1) - Subgrade Preparation, Common Material
31(1) - FGD Placement (3 m x 3 m) - 0.23m
from 14 days
500(1) - Aggregate Concrete Course
Existing: RCDP 0.23 m thick and 3.85 m width
Existing Subbase



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BARANG PAIG LEYTE

PROJECT NAME AND LOCATION
SIAG - ACCESS ROADS AND/OR BRIDGES FROM THE
NATIONAL ROADS LEADING TO MAJOR STRATEGIC
PUBLIC BUILDING FACILITIES - CONSTRUCTION OF
ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM
TO BARANGAY TABANGHAY, TACLOBAN CITY
TACLOBAN CITY LD

SHEET CONTENTS
DETAILED CROSS SECTION

PREPARED
HANIBACETE, NADERA
ENGINEER
DATE

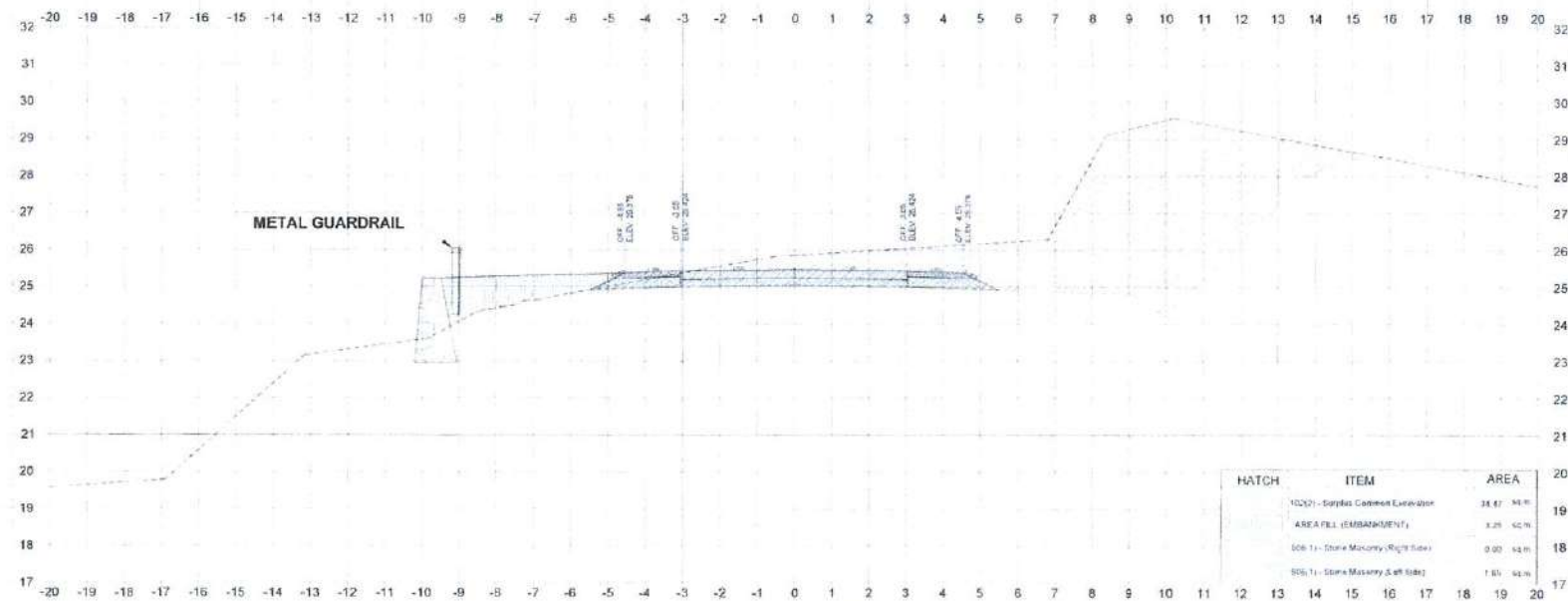
REVIEWED
FELIX R. BALLOS
CHIEF ENGINEER
DATE

SUBMITTED
AGNES M. BARONDA
CHIEF PLANNER AND DESIGN DIVISION
DATE

RECOMMENDED
MA. MARGARITA C. JUNIA, B.M.
ASSISTANT REGIONAL DIRECTOR
DATE

APPROVED
EDGAR B. TABACON, CESO IV
REGIONAL DIRECTOR
DATE

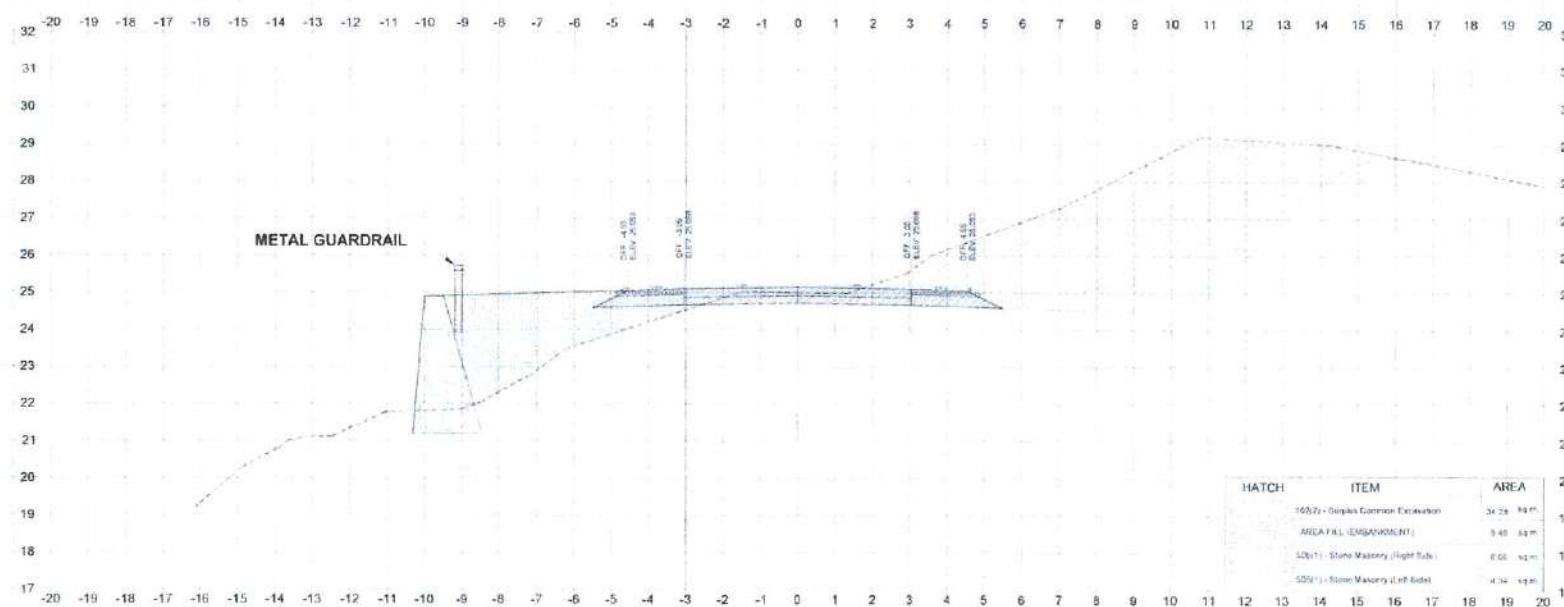
SHEET NO.
110
175



STA. 2+200.00
 FGE = 25.470
 OGE = 26.90
 NORTHING = 1,245,806.008
 EASTING = 490,316.399

10201 - Gravel Surface Course
 10210 - Gravel Subgrade
 10211 - Gravel Subbase
 10212 - Gravel Embankment
 Existing PCOP 623 m thick and 3.00 m width
 Existing Subbase

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BARAS, PALO LEYTE	PROJECT NAME AND LOCATION SPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD SEGMENT 1 - PHASE 1, BARANGAY PAOLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY LD	SHEET CONTENTS DETAILED CROSS SECTION	PREPARED FRANCIS ALVIN C. NADERA ENGINEER DATE	REVIEWED FELIX R. MACUS CHIEF HIGHWAY DESIGN DIVISION DATE	DESIGNED AGNES M. BARONDA CHIEF PLANNING AND DESIGN DIVISION DATE	RECOMMENDED MA. MARGARITA C. LUNA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED EDGAR B. TABACON, CESOM REGIONAL DIRECTOR DATE	SHEET NO. 112	SHEET NO. 175
	112								



STA. 2+220.00
 FGE = 25.144
 OGE = 25.00
 NORTHING = 1,245,911.836
 EASTING = 490,237.894

10% (2) - Subgrade Preparation, Common Material
 50% (1) - Gravel Shoulder Course
 10% (2) - Subgrade Preparation, Common Material
 50% (1) - PCC Pavement (Unfinished), 0.23m
 Thick, 14 days
 20% (1) - Aggregate Subbase Course
 Existing PCCP 0.23m thick and 1.05m width
 Existing subbase



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGIONAL OFFICE NO. VIII
 BARAS PAIG LEYTE

PROJECT NAME AND LOCATION
 SPAG - ACCESS ROADS AND/OR BRIDGES FROM THE
 NATIONAL ROADS LEADING TO MAJOR STRATEGIC
 PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF
 ROAD SEGMENT 1 - PHASE 1, BARANGAY PARLAUM
 TO BARANGAY TABANGOHAY, TACLOBAN CITY
 TACLOBAN CITY LD

SHEET CONTENTS
 DETAILED CROSS SECTION

PREPARED
 FRANCIS ALVIN C. NADERA
 ENGINEER II
 DATE

REVIEWED
 FELIX R. BACUS
 CHIEF HIGHWAY DESIGN SECTION
 DATE

SUBMITTED
 AGNES N. BARONDA
 CHIEF PLANNING AND DESIGN DIVISION
 DATE

RECOMMENDED
 MA. MARGHERITA C. JUNIA, JR.
 ASSISTANT REGIONAL DIRECTOR
 DATE

APPROVED
 EDGAR S. TABACON, CESO IV
 REGIONAL DIRECTOR
 DATE

SHEET NO.
 113
 175

HATCH	ITEM	AREA
	162(2) - Single Common Excavation	21.16 sq ft
	AREA FILL (EMBANKMENT)	8.40 sq ft
	206(1) - Stone Masonry (Right Side)	0.00 sq ft
	206(1) - Stone Masonry (Left Side)	2.44 sq ft

STA. 2+240.00
FGE = 24.602
OGE = 24.87
NORTHING = 1,245,920.649
EASTING = 490,279.614

405(1)a - Subgrade Preparation: Common Material
300(1) - Gravel Surface Course
150(1)a - Subgrade Preparation: Common Material
311(1)c1 - PCC Pavement: Unreinforced, 0.23 m
thick, 14 days
200(1) - Aggregate Subbase Course
Existing: PCCP 0.23 m thick and 3.05 m width
Existing Subbase



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BARAS PAUL LUYTE

PROJECT NAME AND LOCATION

SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGHAY, TACLOBAN CITY

SHEET CONTENTS

DETAILED CROSS SECTION

TACLOBAN CITY LD

PREPARED

FRANCIS ALVIN C. NADERA
ENGINEER

DATE _____

HEAVY METALS

FELIX R. BACUS

(ENR)

3.250000

AGNES M. BARONDA
CHIEF, PLANNING AND DESIGN DIVISION

1

RESEARCH AND ANALYSIS

MA. MARGARITA C. JUNIA, P.
ADJUDICANTE DEL CANTON

1

483

EDGAR B. TABACON, CESO IV

1

	0.0000
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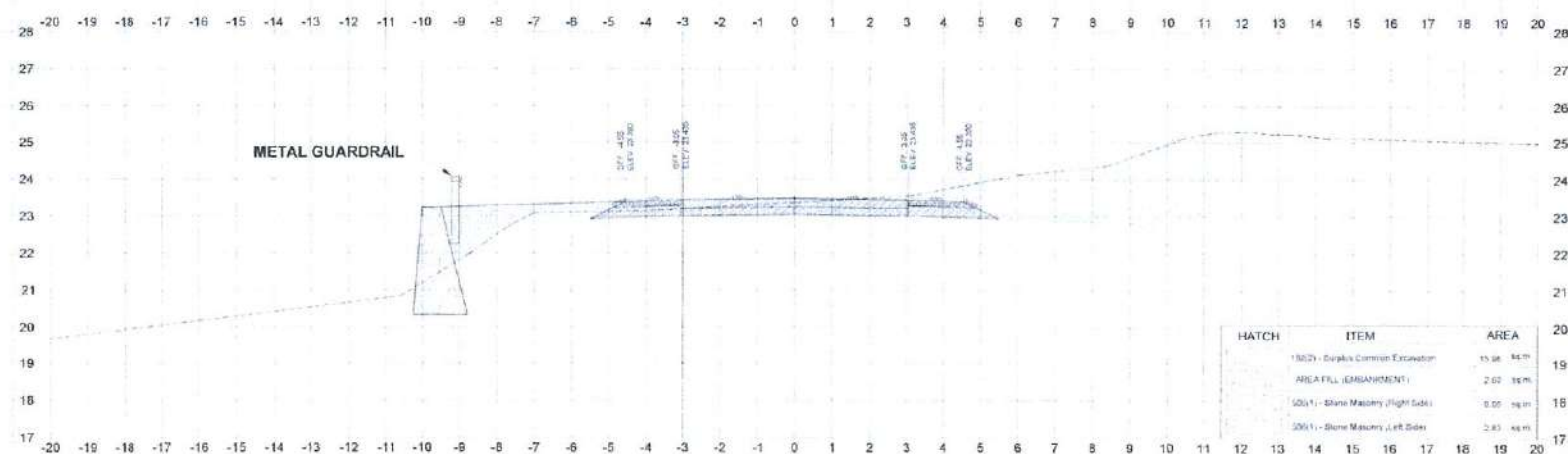
EDGAR B. TABACON, CESO IV

1

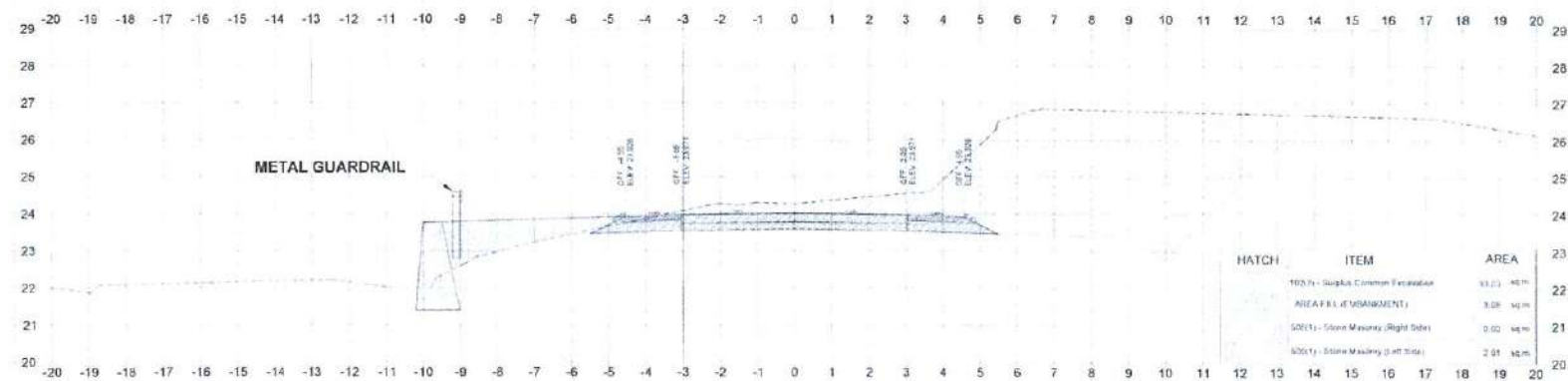
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114

60 12



STA. 2+280.00
 FGE = 23.481
 OGE = 23.37
 NORTHING = 1,245,951.015
 EASTING = 490,254.192



STA. 2+260.00
 FGE = 24.017
 OGE = 24.82
 NORTHING = 1,245,934.261
 EASTING = 490,265.031

100(1) - Subgrade Preparation - Common Material
 100(1) - Unbound Surface Course
 100(1) - Subgrade Preparation - Common Material
 210(1) - PCC Pavement (Unbound) 0.5 m
 100(1) - Aggregate Subbase Course
 Existing PCC 0.22 m thick and 3.05 m wide
 Existing Subbase



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
 REGIONAL OFFICE NO. VII
 BARAS PALL LAYTE

PROJECT NAME AND LOCATION
 SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE
 NATIONAL ROADS LEADING TO MAJOR STRATEGIC
 PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF
 ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAOLAUM
 TO BARANGAY TABANGOHAY, TACLOBAN CITY
 TACLOBAN CITY LD

SHEET CONTENTS
 DETAILED CROSS SECTION

PREPARED
 FRANCIS ALVIN C. NADERA
 ENGINEER
 DATE

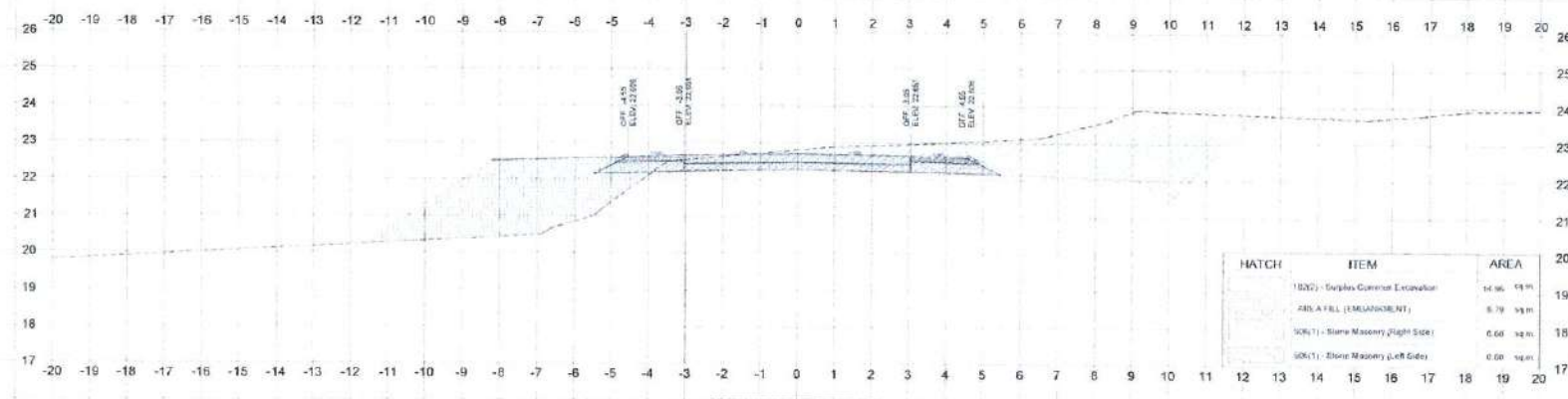
REVIEWED
 FELIX N. MACUS
 CHIEF ENGINEER
 DATE

SUBMITTED
 DENNIS BARONIA
 CHIEF PLANNING AND DESIGN DIVISION
 DATE

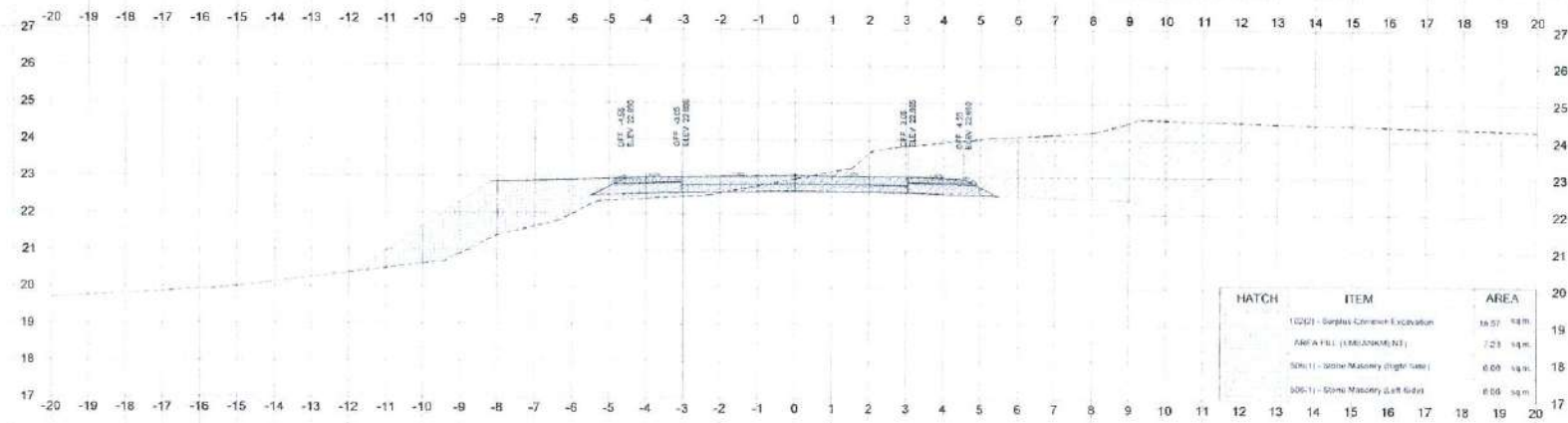
RECOMMENDED
 MA. MARGARITA S. JUNIA, D.M.
 ASSISTANT REGIONAL DIRECTOR
 DATE

APPROVED
 EDGAR B. JASACON, CESO IV
 REGIONAL DIRECTOR
 DATE

SHEET NO.
 115
 SHEET NO.
 115



STA. 2+320.00
FGE = 22.696
OGE = 22.80
NORTHING = 1,245,985.055
EASTING = 490,233.461



STA. 2+300.00
FGE = 23.041
OGE = 22.94
NORTHING = 1,245,968.723
EASTING = 490,244.896

105(1) - Subgrade Preparation, Common Material
200(1) - Driveway Surface Course
105(1) - Subgrade Preparation, Common Material
200(1) - Filling (Uncompacted) 0.23m
200(1) - Aggregate Subbase Course
Existing: RCCP 0.23 m thick and 2.05 m width
Existing Subbase



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BARAS VALD LAVE

PROJECT NAME AND LOCATION
SIPAD - ACCESS ROADS AND/OR BRIDGES FROM THE
NATIONAL ROADS LEADING TO MAJOR STRATEGIC
PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF
ROAD, SEGMENT 1 - PHASE 1, BARANGAY PASI LAUN
TO BARANGAY TABANGOHAY, TACLOBAN CITY
TACLOBAN CITY LGU

SHEET CONTENTS
DETAILED CROSS SECTION

PREPARED
FRANCIS ALVIN C. NADERA
ENGINEER
DATE

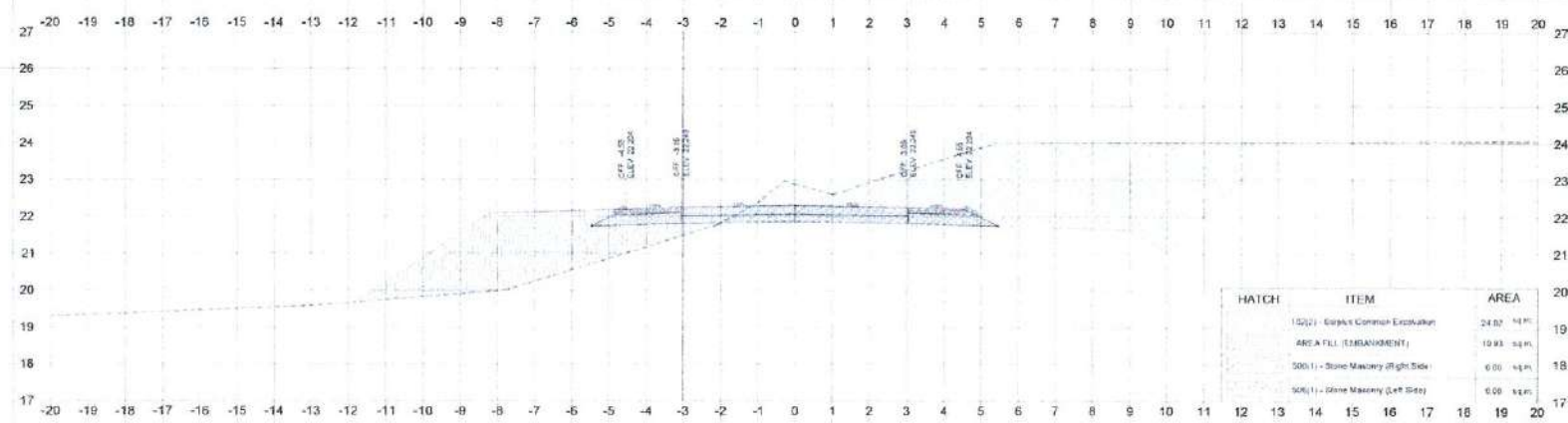
REVIEWED
FELIX R. BACUS
SHEET REVIEWER
DATE

SUBMITTED
AGNES M. BARONDA
CHIEF PLANNING AND DESIGN DIVISION
DATE

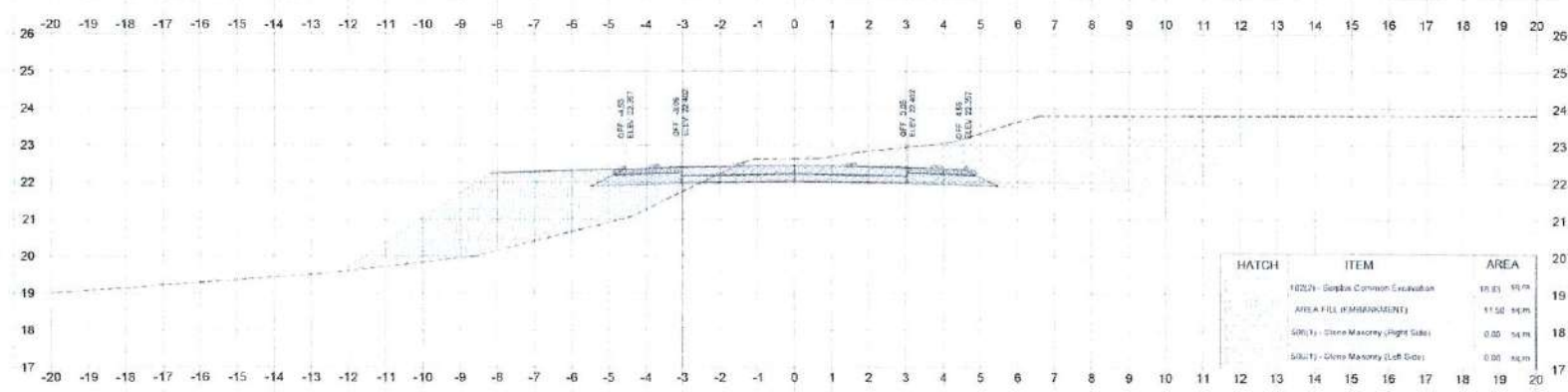
RECOMMENDED
MARIA GARCIA C. JUNIA, JR.
ASSISTANT REGIONAL DIRECTOR
DATE

APPROVED
EDUARDO TABACON, CESAY
REGIONAL DIRECTOR
DATE

SET NO.
D
62 120
SHEET NO.
118
175



STA. 2+360.00
 FGE = 22.295
 OGE = 22.88
 NORTHING = 1,246,005.590
 EASTING = 490,189.723

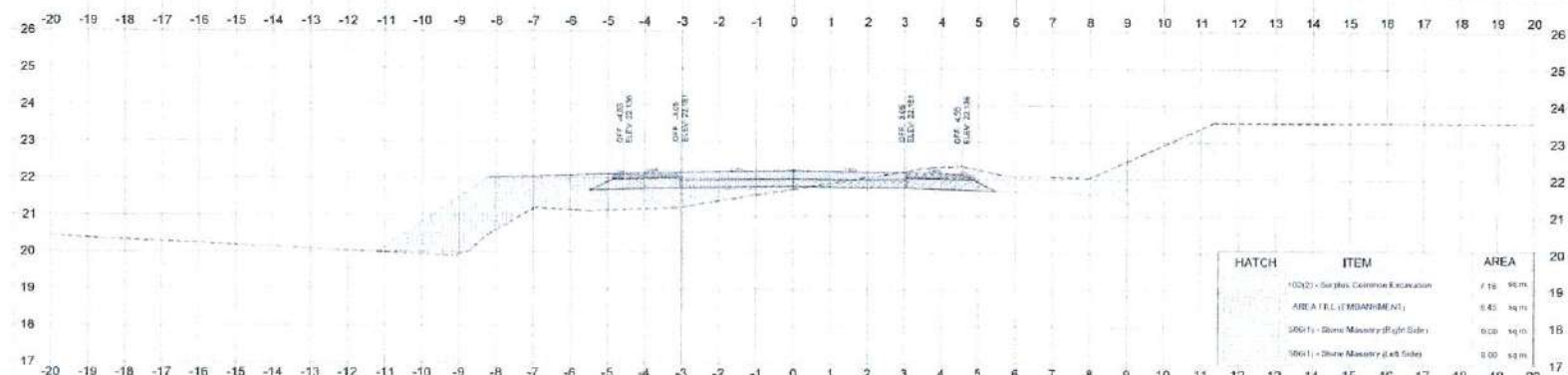


STA. 2+340.00
 FGE = 22.448
 OGE = 22.63
 NORTHING = 1,245,997.662
 EASTING = 490,216.016

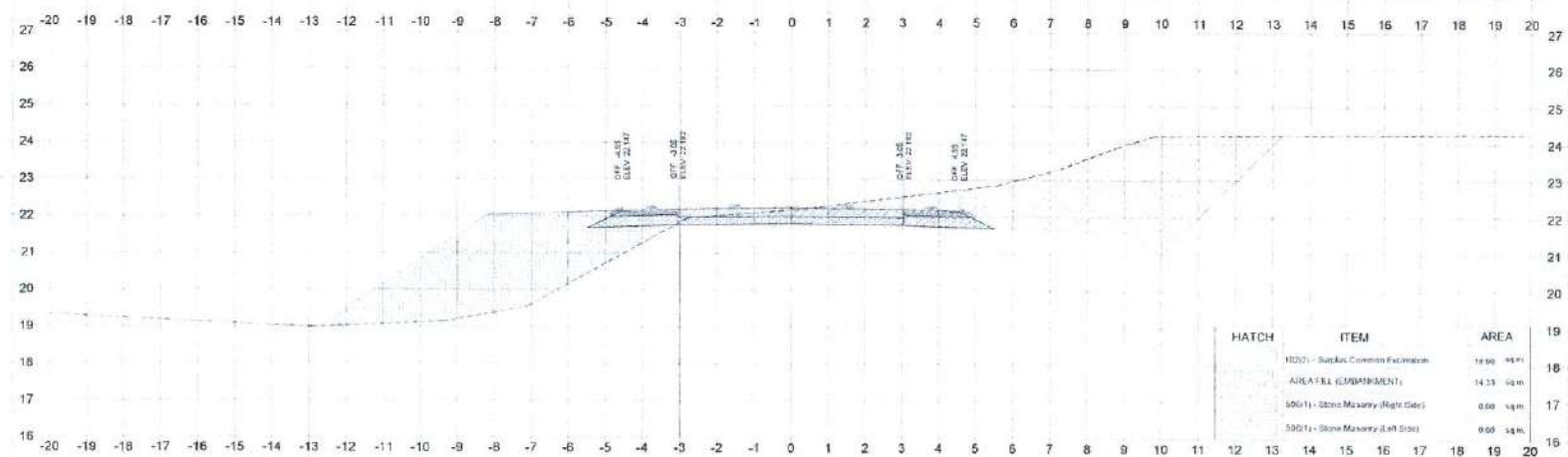
100 (1) - Bituminous Preparation, Common Material
 200 (1) - Gravel Surface, Common
 100 (1) - Subgrade Preparation, Common Material
 311 (1) - PCC Pavement (overbed), 0.23m
 200 (1) - Aggregate Subbase Course
 Existing Subbase

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BANGAL, PALO LEYES	PROJECT NAME AND LOCATION SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR/ STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGHAY, TACLOBAN CITY TACLOBAN CITY LD	SHEET CONTENTS DETAILED CROSS SECTION	PREPARED FRANCIS ALVIN C. NADERA ENGINEER II DATE	REVIEWED FELIX R. BACUS CHIEF, PLANNING AND DESIGN SECTION DATE	DESIGNED AGNES M. BARONDA CHIEF, PLANNING AND DESIGN SECTION DATE	RECOMMENDED MA. MARGARITA C. JUNA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE	SET NO. 117	SHEET NO. 175
	117								

SCALE 1:100



STA. 2+400.00
FGE = 22.227
OGE = 21.71
NORTHING = 1,246,010.582
EASTING = 490,160.084



STA. 2+380.00
FGE = 22.238
OGE = 24.27
NORTHING = 1,246,008.823
EASTING = 490,179.988

102(1a) - Subgrade Preparation, Common Material
300(1) - Gravel Surface Course
105(1a) - Subgrade Preparation, Common Material
311(1a) - FCC Pavement (2" thickness) 0.25m
Note: 14 days
200(1) - Aggregate Subbase Course
Existing PCOP 0.23 m thick and 2.05 m width
Existing Subbase



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BARAS PAJO LEYTE

PROJECT NAME AND LOCATION
SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE
NATIONAL ROADS LEADING TO MAJOR STRATEGIC
PUBLIC BUILDING(S) FACILITIES - CONSTRUCTION OF
ROAD SEGMENT I - PHASE I, BARANGAY PAGLAUM
TO BARANGAY TABANGHAY, TACLOBAN CITY
TACLOBAN CITY LD

SHEET CONTENTS
DETAILED CROSS SECTION

PREPARED
FRANCIS ALVIN C. NADERA
ENGINEER
DATE

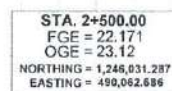
REVIEWED
FELIX R. BACUS
CHIEF ENGINEER
DATE

SUBMITTED
BARTOLOME BARBOSA
CHIEF PLANNING AND DESIGN DIVISION
DATE

RECOMMENDED
MA. MARGARITA C. JUNA, D.M.
ASSISTANT REGIONAL DIRECTOR
DATE

APPROVED
EDGAR B. TABACON, CESO IV
REGIONAL DIRECTOR
DATE

SHEET NO.
64 / 120
SHEET NO.
118 / 175

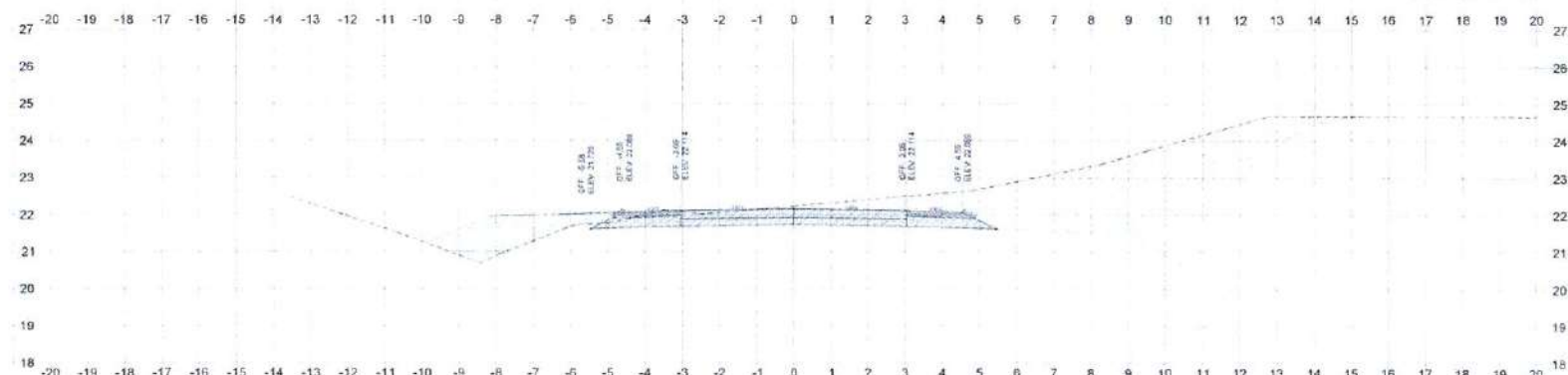
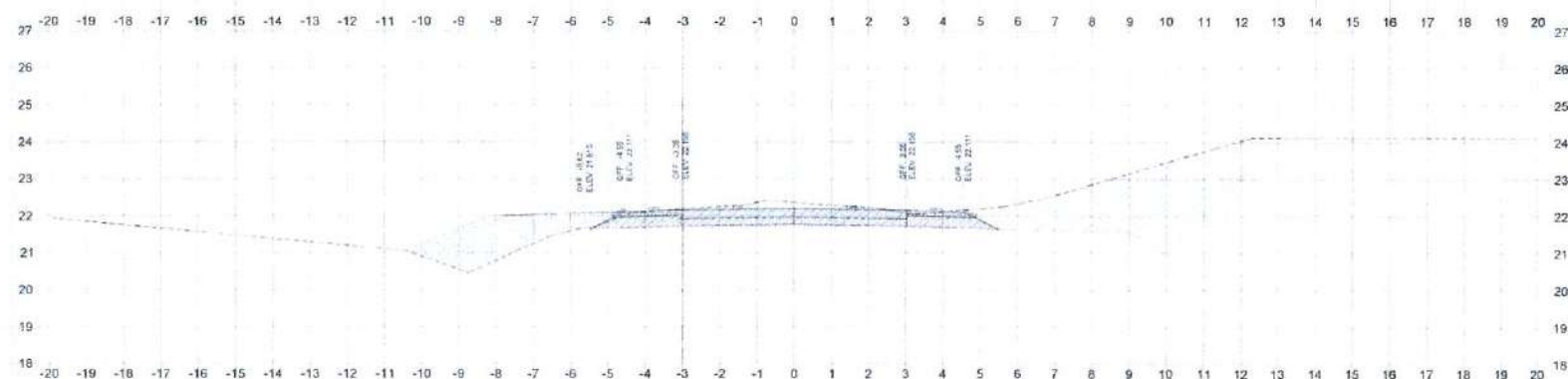


HATCH	ITEM	AREA
16271	Dugout Common Excavation	43.00 sq ft
	AREA FILL (EMBARKMENT)	0.00 sq ft
10071	Stone Masonry (Right Side)	0.00 sq ft
10071	Stone Masonry (Left Side)	0.00 sq ft



HATCH	ITEM	AREA
100%	Surplus Garden Excavation	71.85 sq ft
	AREA FILL (SUBSEQUENT)	0.00 sq ft
50% to 100%	Stone Masonry (Right Side)	0.00 sq ft
50% to 100%	Stone Masonry (Left Side)	0.00 sq ft

10% Fat - Subgrade Preparation - Conventional Material
300% Fat - Gravel Surface Course
10% Fat - Subgrade Preparation - Conventional Material
1% Fat - PCC Pavement (Unreinforced) - 8" Min
Thick - 14 Day
200% Fat - Aggregate Subbase Course
Existing RCP (22" in thick and 3.0% air void)
Existing Subbase



100/1 - Subgrade Preparation: Common Material
200/1 - Gravel Surface Course
100/2 - Subgrade Preparation: Common Material
100/3 - FSC Pavement (Unreinforced), 8.25m
100/4 - FSC Pavement (Unreinforced), 8.25m
100/5 - Aggregate Subbase Course
Existing: PCCP 0.23 m thick and 3.05 m width
Existing: Subbase



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BARAS, PALO LEITE

PROJECT NAME AND LOCATION
SPAG - ACCESS ROADS AND/OR BRIDGES FROM THE
NATIONAL ROADS LEADING TO MAJOR STRATEGIC
PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF
ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM
TO BARANGAY TABANGHAY, TACLOBAN CITY
TACLOBAN CITY, LD

SHEET CONTENTS
DETAILED CROSS SECTION

PREPARED BY
FRANCIS R. NADERA
ENGINEER
DATE

REVIEWED BY
FELIX R. GARCIA
CHIEF ENGINEER
DATE

SUPERSEDED BY
AGNES M. BARONDA
CHIEF ENGINEER AND LIAISON OFFICER
DATE

RECORDS AND INFORMATION
M.A. MARQUEZ, JUNIA, D.M.
ASST. CHIEF ENGINEER
DATE

APPROVED BY
EDGAR B. TABACON, CESO IV
REGIONAL DIRECTOR
DATE

SHEET NO.
87/120
SHEET NO.
121/175

The diagram illustrates a cross-section of a bridge structure. On the left, a 'METAL GUARDRAIL' is shown. A concrete pier is located at the center, with a height dimension of 21.5m. The bridge deck is shown with a width of 3.0m and a height of 2.0m. The diagram is labeled 'Pier 3.0m' and 'Deck 2.0m'.

1051a - Subgrade Preparation - Common Material
20011 - Gravel Surface Course
1051a - Subgrade Preparation - Common Material
111, 1a, 1 - FCL Pavement (unsurfaced) 0.2m
thick 18 days
20011 - Aggregate Subbase Course
Existing RCP 0.23 m thick and 3.00 m width
Existing Subbase

HATCH	ITEM	AREA
102(2)	Surplus Common Extruder	18.74
	AREA FILL (EMBANMENT)	5.66
206(1)	Stone Masonry (Right Side)	6.34
206(1)	Stone Masonry (Left Side)	0.00

HATCH	ITEM	AREA
	NO.2) - Surplus Centron Excavator	15.94
	200-A PILL (LANDMARK)	6.90
	500-1 - Stone Masonry (Right Side)	3.67
	500-1 - Stone Masonry (Left Side)	0.00



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE NO. VIII
BARAS, PALO CUYTE

PROJECT NAME AND LOCATION	SIPAG - ACCESS ROADS AND/ OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR/ STRATEGIC PUBLIC BUILDINGS/ FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY
	TACLOBAN CITY LD

SHEET CONTENTS
E DETAILED CROSS SECTION

PREPARED: 
FRANCIS ALVIN C. NADER
COUNSELLOR

REVIEWED	
	 FELIX R. ENCUS

AGNES M. BARONDA

RECOMMENDED: 
MA. MARGARITA E. JUNIA, D

EDGAR B. TABACON, CESO IV

THREE T HUNDRED
123