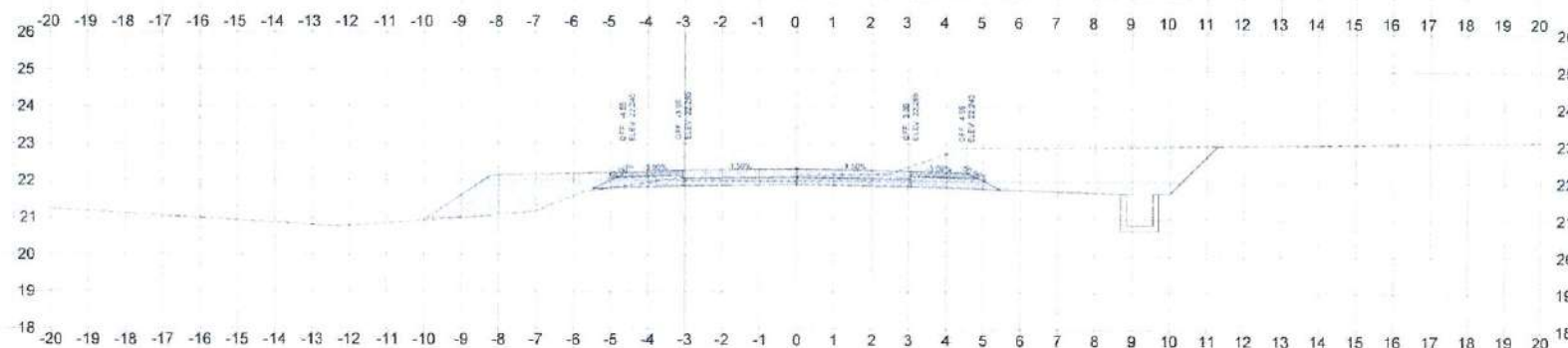
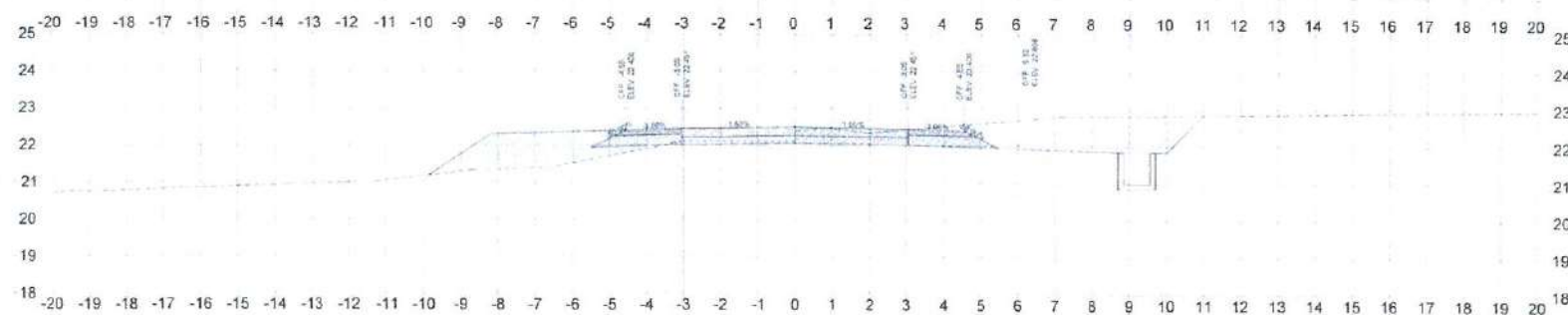


10% 1st - Subgrade Preparation - Common Material
 300/1 - Gravel Surface Course
 120/1 - Subgrade Preparation - Common Material
 300/1 - PCC Pavement (Unreinforced) 0.23m
 thick, 14 days
 200/1 - Aggregate Subbase Course
 Existing PCC 0.23 m thick and 3.05 m width
 Existing Subbase



STA. 4+360.00
FGE = 22.33
NORTHING = 1,246,539.224
EASTING = 490,403.795

HATCH	ITEM	AREA
	102(2) - Burial Common Excavation	9.82
	AREA P.L.L. (EMBANKMENT)	3.14
	506(1) - Stone Masonry (Right Side)	60.00
	506(1) - Stone Masonry (Left Side)	0.90

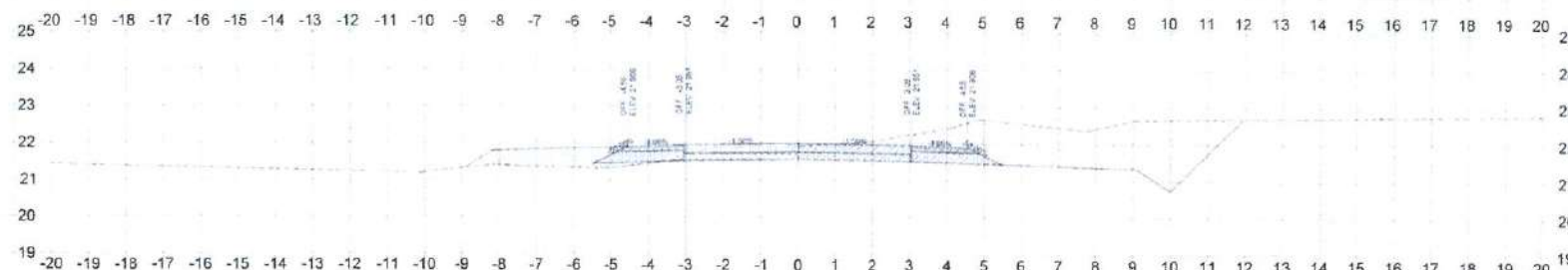


STA. 4+340.00
FGE = 22.50
NORTHING = 1,246,521.533
EASTING = 490,394.527

HATCH	ITEM	AREA
	192(2) - Swalla Common Excavation	7.02 14
	AREA FILL (BURDENMENT)	3.71 14
	100(1) - Stone Masonry (Right Side)	00.00 14
	100(1) - Stone Masonry (Left Side)	0.00 14

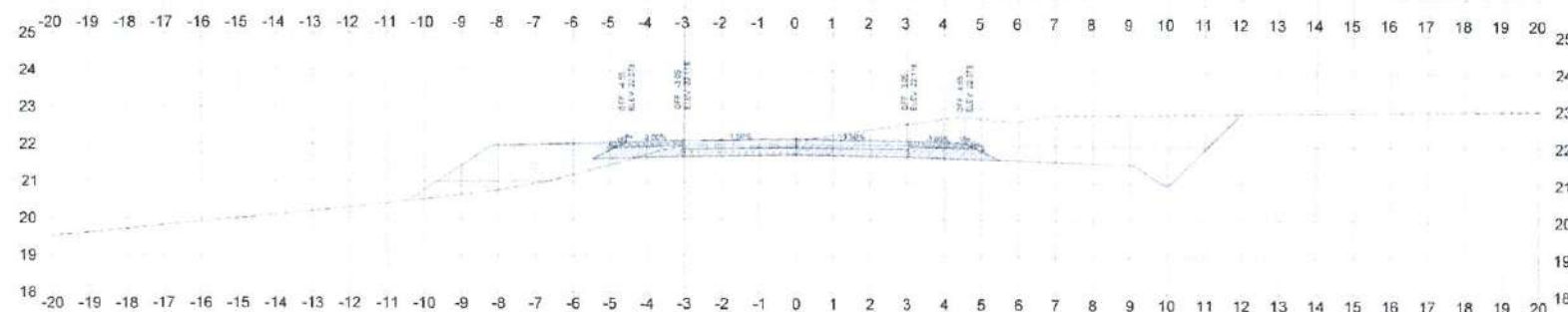
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BATAK PAGO LYTE	PROJECT NAME AND LOCATION	SHEET CONTENTS	PREPARED BY	REVIEWED BY	SUBMITTED BY	RECOMMENDED BY	APPROVED BY	SERIAL NO.	SHEET NO.
	SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT I, PHASE 1, BARANGAY PAOLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY LD	DETAILED CROSS SECTION	FRANCIS ALVINE NADERA ENGINEER II DATE: _____	FELIX R. BACUS CHIEF PLANNING ENGINEER DATE: _____	JAMES S. BARONDA CHIEF PLANNING ENGINEER DATE: _____	MA. MARGARITA C. UNIA, D.M. ASSISTANT REGIONAL DIRECTOR DATE: _____	EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE: _____		165 111/120

1001a - Subgrade Preparation - Common Material	3001a - Gravel Surface Course
1001a - Subgrade Preparation - Common Material	2001a - PCC Pavement (Unreinforced, 0.23m thick, 14 days)
2001a - Aggregate Subbase Course	
Existing PCCP 0.23m thick and 3.05m width	Existing Subbase



STA. 4+400.00
FGE = 22.00
NORTHING = 1,246,578.060
EASTING = 490,412.969

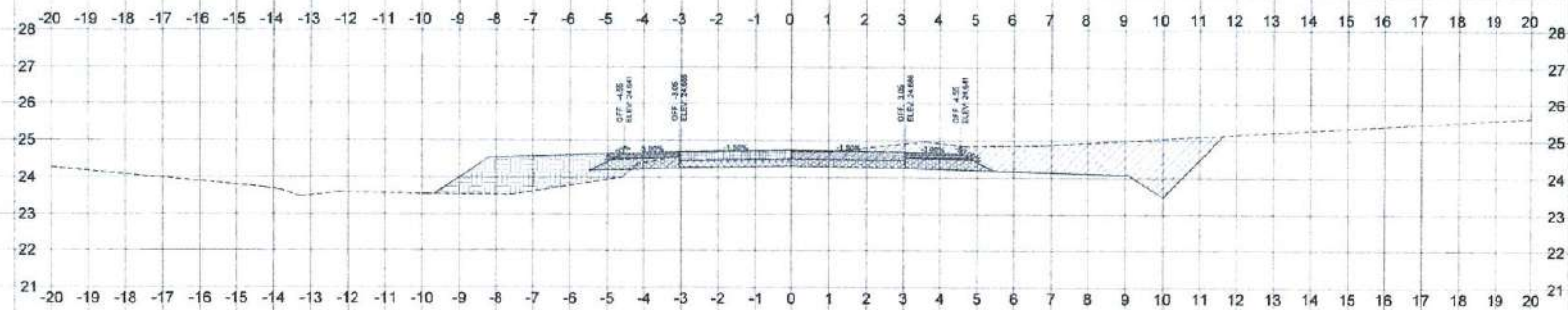
HATCH	ITEM	AREA
180(2)	Stripes Common Excavation	11.03
	AREA FILL (X)BIAH9M(1)	1.81
306(1)	Stone Masonry (Right Side)	60.00
306(1)	Stone Masonry (Left Side)	0.00



STA. 4+380.00
FGE = 22.16
NORTHING = 1,246,558.369
EASTING = 490,409.469

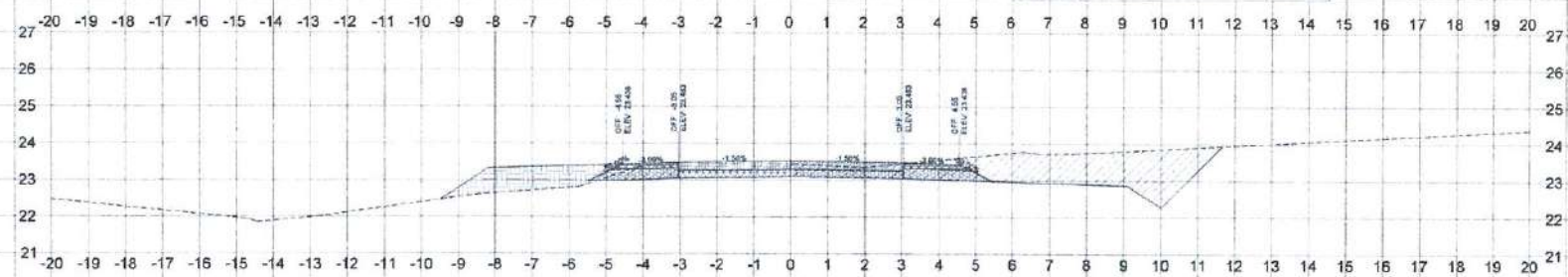
HATCH	ITEM	AREA
100(2)	- Surplus Common Excavation	12.51
	AREA REL (FINDINGMENT)	4.10
500(1)	- Stone Masonry (Right Side)	60.00
500(1)	- Stone Masonry (Left Side)	6.00

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BARANG PAG-LINKS	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 1 - PHASE 1, BAKANGANG PAGLAUM TO BAKANGANG TABANGOHAY, TAGLOGAN CITY TAGLOGAN CITY, LD	SHEET CONTENTS DETAILED CROSS SECTION	PREPARED  FRANCIS ALVIN G. NADERA ENGINEER DATE	REVIEWED  FELIX R. RAMOS CHIEF ENGINEER, REGIONAL DIVISION OFFICE DATE	SUBMITTER  AGNES M. BARANDA CHIEF PLANNING AND DESIGN DIVISION DATE	RECOMMENDED  MA. MARGARITA C. JUNIA, DM ASSISTANT REGIONAL DIRECTOR	APPROVED  EDDER B. TABACON, CESO IV REGIONAL DIRECTOR	SHEET NO. D 132/120	SHEET NO. 168 175



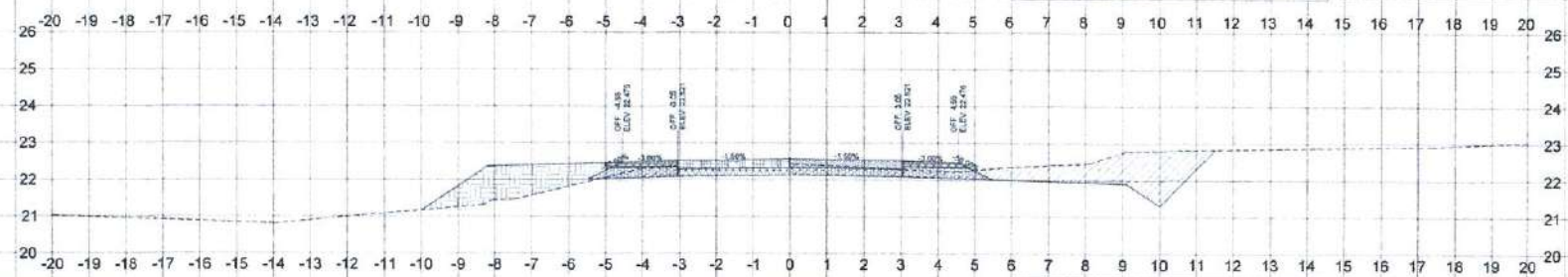
STA. 4+580.00
FGE = 24.73
NORTHING = 1,246,757.198
EASTING = 490,409.401

HATCH	ITEM	AREA
(102/2)	Surplus Common Excavation	7.36 sq.m
(102/1)	AREA FILL (EMBANKMENT)	3.68 sq.m
(506/1)	Stone Masonry (Right Side)	00.00 sq.m
(506/1)	Stone Masonry (Left Side)	00.00 sq.m



STA. 4+560.00
FGE = 23.53
NORTHING = 1,246,737.467
EASTING = 490,412.642

HATCH	ITEM	AREA
(102/2)	Surplus Common Excavation	7.55 sq.m
(102/1)	AREA FILL (EMBANKMENT)	2.37 sq.m
(506/1)	Stone Masonry (Right Side)	00.00 sq.m
(506/1)	Stone Masonry (Left Side)	00.00 sq.m

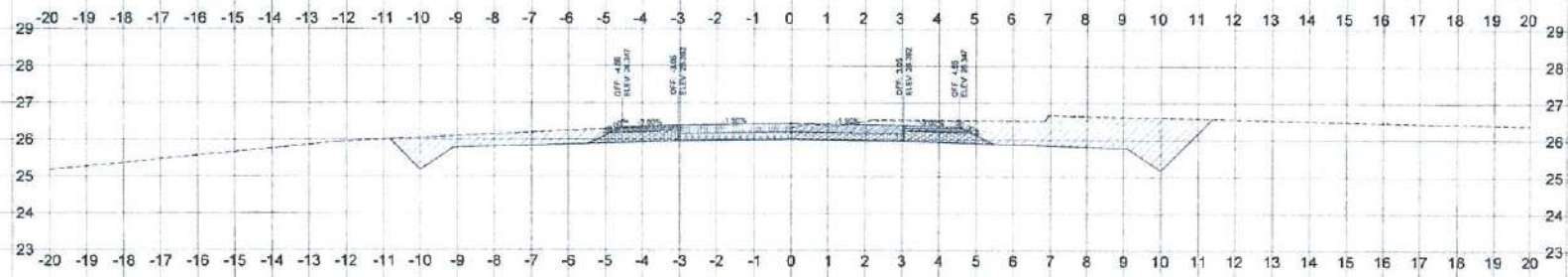


STA. 4+540.00
FGE = 22.57
NORTHING = 1,246,717.544
EASTING = 490,414.337

HATCH	ITEM	AREA
(102/2)	Surplus Common Excavation	4.34 sq.m
(102/1)	AREA FILL (EMBANKMENT)	3.73 sq.m
(506/1)	Stone Masonry (Right Side)	00.00 sq.m
(506/1)	Stone Masonry (Left Side)	00.00 sq.m

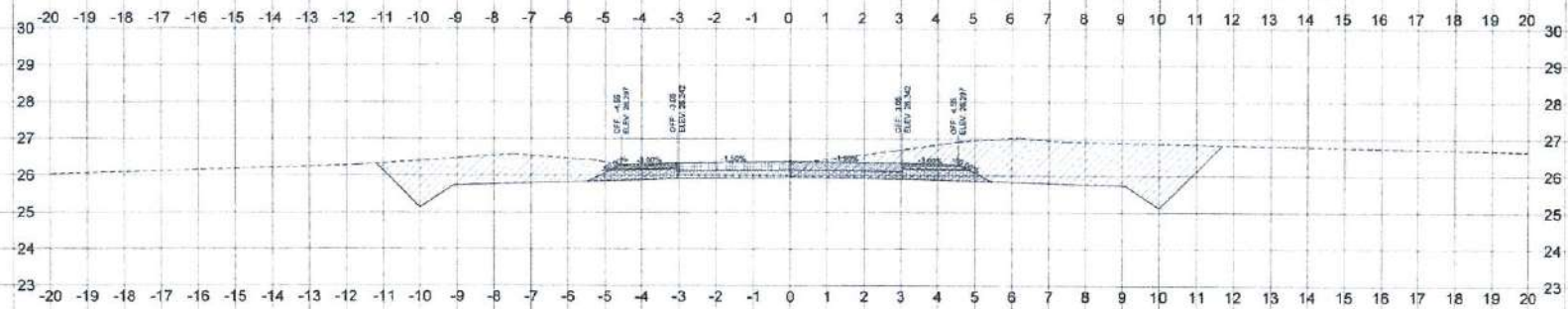
105(1a) - Subgrade Preparation, Common Material	
105(1a) - Subgrade Preparation, Common Material	
211(1a) - PCC Pavement (Unreinforced), 0.23m thick, 14 days	
200(1) - Aggregate Subbase Course	
Existing PCCP 0.23 in thick and 3.06 m width	
Existing Subbase	

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII DARAS, ILO ILO	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 PASILAU TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY LD	SHEET CONTENTS DETAILED CROSS SECTION	PREPARED FRANCIS ALVIN C. NADERA ENGINEER DATE	REVIEWED FELIX R. BACUS CHIEF, HIGHWAY DESIGN SECTION DATE	SUBMITTED AGNES M. BARONDA CHIEF, PLANNING AND DESIGN DIVISION DATE	RECOMMENDED MA. MARGARITA C. ANITA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED SOLAR ENTABACON, CESO IV REGIONAL DIRECTOR DATE	SHEET NO. 169	SHEET NO. 175
	169								



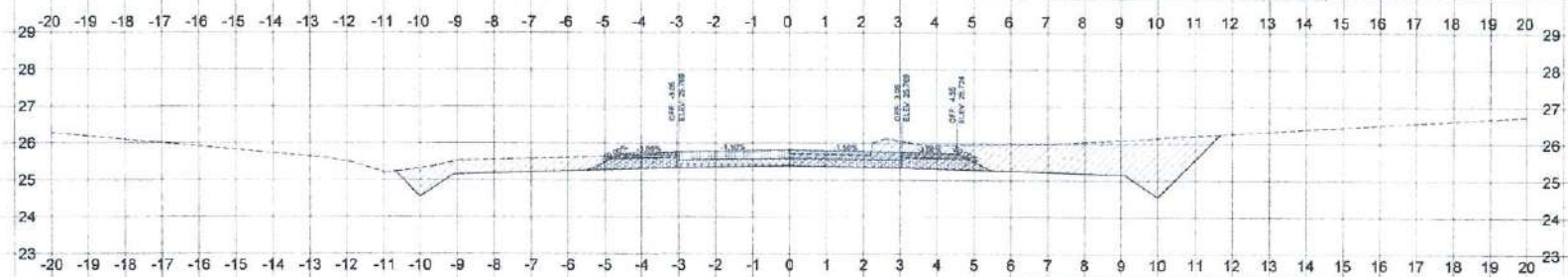
STA. 4+640.00
FGE = 26.44
NORTHING = 1,246,815.701
EASTING = 490,396.085

HATCH	ITEM	AREA
(1002)	Surplus Common Excavation	0.44 sq.m.
(1001)	AREA FILL (EMBANKMENT)	0.00 sq.m.
(5001)	Stone Masonry (Right Side)	00.00 sq.m.
(5001)	Stone Masonry (Left Side)	00.00 sq.m.



STA. 4+620.00
FGE = 26.39
NORTHING = 1,246,796.210
EASTING = 490,400.570

HATCH	ITEM	AREA
(1002)	Surplus Common Excavation	13.25 sq.m.
(1001)	AREA FILL (EMBANKMENT)	0.00 sq.m.
(5001)	Stone Masonry (Right Side)	00.00 sq.m.
(5001)	Stone Masonry (Left Side)	00.00 sq.m.



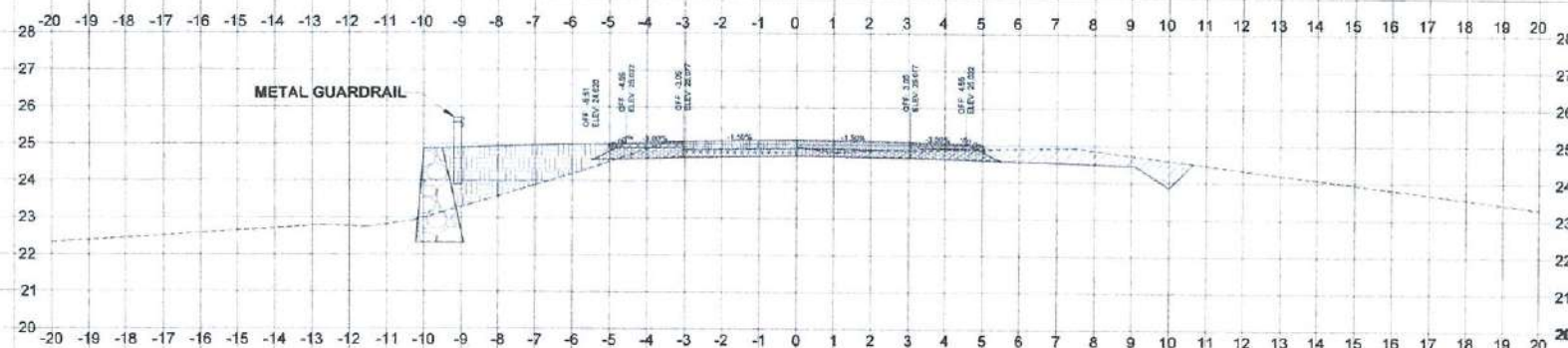
STA. 4+600.00
FGE = 25.81
NORTHING = 1,246,776.711
EASTING = 490,405.018

HATCH	ITEM	AREA
(1002)	Surplus Common Excavation	10.01 sq.m.
(1001)	AREA FILL (EMBANKMENT)	0.00 sq.m.
(5001)	Stone Masonry (Right Side)	00.00 sq.m.
(5001)	Stone Masonry (Left Side)	00.00 sq.m.

1001(a) - Subgrade Preparation - Common Material	
1001(b) - Subgrade Preparation - Common Material	
3111(a) - FGD Pavement (Unreinforced), 0.23m thick, 14 days	
2001(a) - Aggregate Subbase Course	
Existing PCOP 0.23 m thick and 3.05 m width	
Existing Subbase	

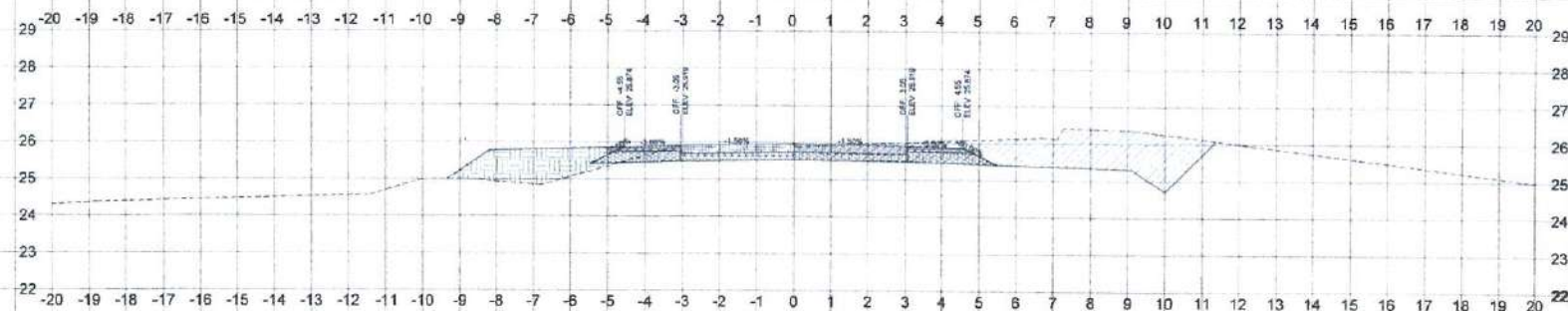
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BARAS, PALO LEYTE TACLOBAN CITY LD	PROJECT NAME AND LOCATION SPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAOLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY	SHEET CONTENTS DETAILED CROSS SECTION	PREPARED FRANCIS ALVIN C. NADERA ENGINEER II DATE	REVIEWED FELIX R. BACUS CHIEF, HIGHWAY DESIGN SECTION DATE	SUBMITTED AGNES M. BARONDA CHIEF, PLANNING AND DESIGN DIVISION DATE	RECOMMENDED MA. MARIANITA C. JUNIA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE	SET NO. 118/120	SHEET NO. 170 175
--	--	--	--	---	--	--	--	----------------------------	----------------------------------

105(1)a - Subgrade Preparation, Common Material	
300(1) - Gravel Surface Course	
105(1)a - Subgrade Preparation, Common Material	
311(1)c1 - PCC Pavement (Unreinforced), 0.23m thick, 18 days	
200(1) - Asphalt Subbase Course	
Existing PCCP 0.23 m thick and 3.05 m width	
Existing Subbase	



STA. 4+680.00
FGE = 25.12
NORTHING = 1,246,853.893
EASTING = 490,394.266

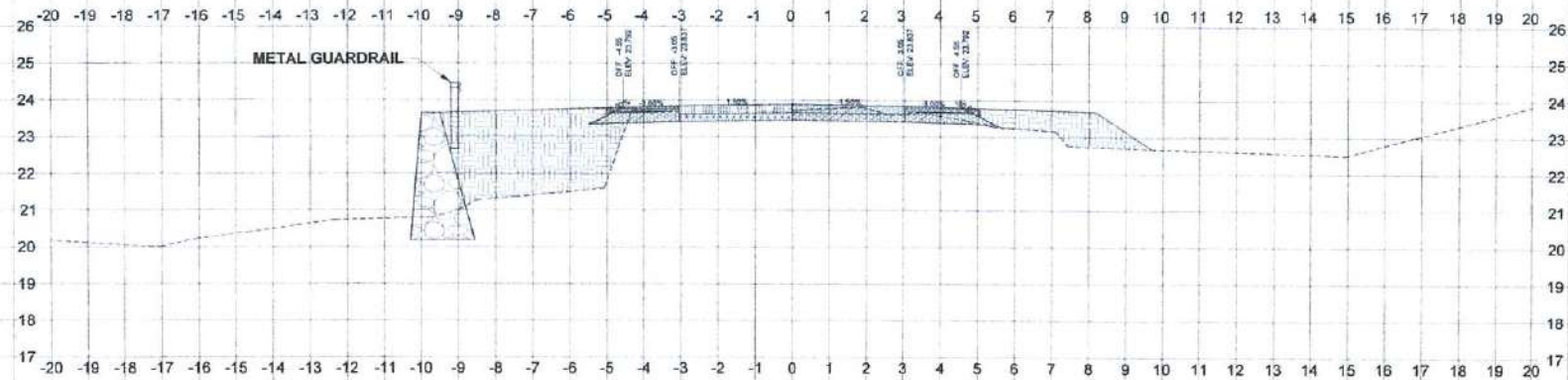
HATCH	ITEM	AREA
	105(2) - Surplus Common Excavation	3.92 sq.m
	AREA FILL (EMBANKMENT)	4.91 sq.m
	505(1) - Stone Masonry (Right Side)	00.00 sq.m
	505(1) - Stone Masonry (Left Side)	2.27 sq.m



STA. 4+660.00
FGE = 25.97
NORTHING = 1,246,834.964
EASTING = 490,380.721

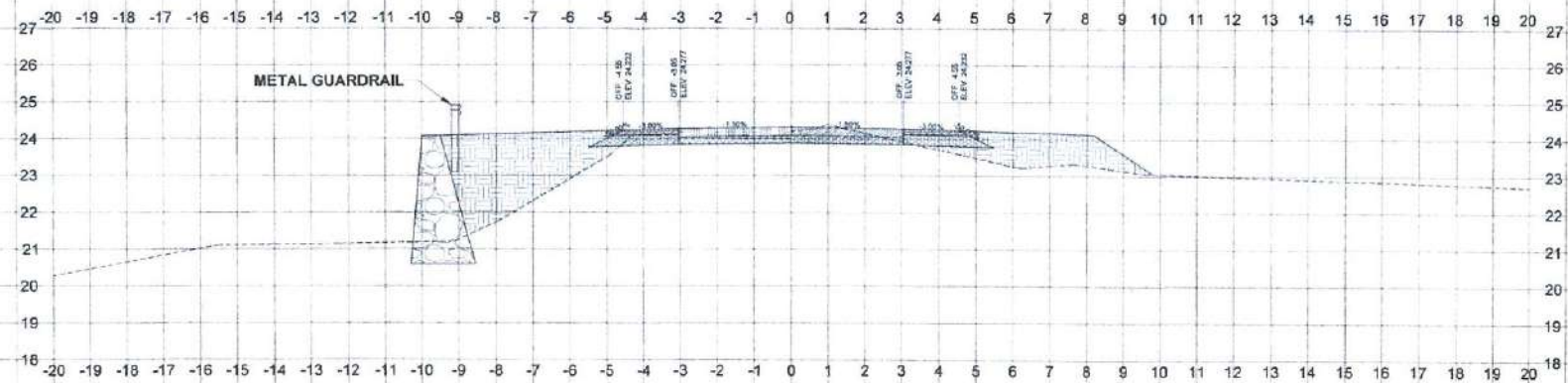
HATCH	ITEM	AREA
	105(2) - Surplus Common Excavation	7.33 sq.m
	AREA FILL (EMBANKMENT)	3.05 sq.m
	505(1) - Stone Masonry (Right Side)	00.00 sq.m
	505(1) - Stone Masonry (Left Side)	00.00 sq.m

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BARAS PALD, 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 PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY LD	SHEET CONTENTS DETAILED CROSS SECTION	DESIGNED BY FRANCIS ALVIN C. NADERA ENGINEER I DATE	REVIEWED BY FELIX R. BACUS CHIEF, HIGHWAY DESIGN DIVISION DATE	SUBMITTED BY BACUS CHIEF, PLANNING AND DESIGN DIVISION DATE	RECOMMENDED BY MA. MARGARITA C. MURIA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED BY EDGAR B. TABACON, CESRAY REGIONAL DIRECTOR DATE	SET NO. 117	SHEET NO. 171 176



STA. 4+720.00
FGE = 23.88
NORTHING = 1,246,891.612
EASTING = 490,370.954

HATCH	ITEM	AREA
	102(2) - Surplus Common Excavation	1.70 sq.m
	AREA FILL (EMBANKMENT)	12.82 sq.m
	500(1) - Stone Masonry (Right Side)	00.00 sq.m
	500(1) - Stone Masonry (Left Side)	3.84 sq.m



STA. 4+700.00
FGE = 24.32
NORTHING = 1,245,872.759
EASTING = 490,377.628

HATCH	ITEM	AREA
	10(2) = Surplus Common Excavation	1.38 sq.m
	AREA FILL (EMBANKMENT)	11.49 sq.m
	500(1) = Stone Masonry (Right Side)	00.00 sq.m
	500(1) = Stone Masonry (Left Side)	3.92 sq.m



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 PAGLAUM TO BARANGAY TABANGOHAY, TAGLOBAN CITY
TAGLOBAN CITY LG

DETAILED CROSS SECTION

PREPARED: W
FRANCIS ALVIN C. NADERA
ENGINEER IV
DATE

REVIEWED

[Signature]
FELIX R. SACUS
CHIEF, HIGHWAY DESIGN SECTION

(DATE)

SUBMITTED

[Signature]

AGNES M. BARONDA
CHIEF, PLANNING AND DESIGN DIVISION

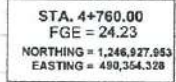
DATE

RECOMMENDED: 
M.A. MARGARITA O. JUNIA, DM
ASSISTANT REGIONAL DIRECTOR
DATE: _____

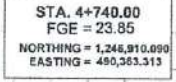
APPROVED:

EDGAR B. TABACON, PESO
REGIONAL DIRECTOR

SET NO.	SHEET NO.

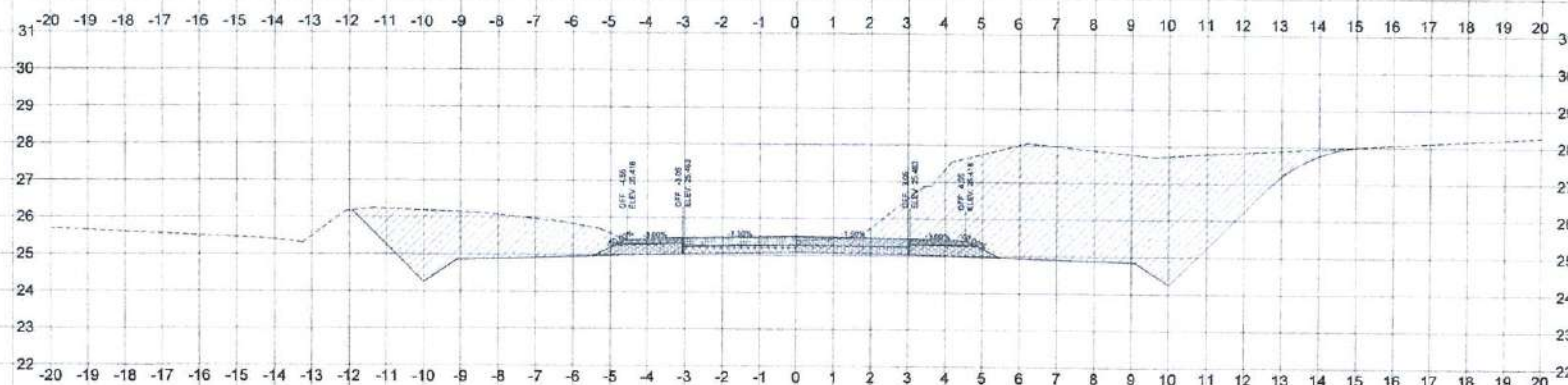


HATCH	ITEM	AREA
	102(2) - Gullies Common Excavation	22.54 sq.m
	AREA FILL (EMBANKMENT)	5.32 sq.m
	506(1) - Stone Masonry (Right Side)	60.60 sq.m
	506(1) - Stone Masonry (Left Side)	2.70 sq.m



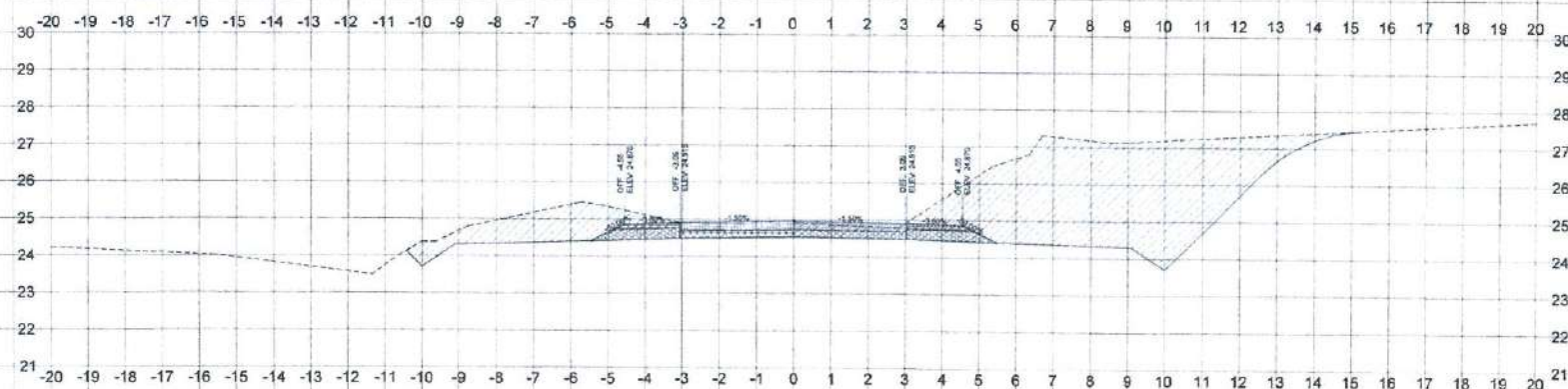
HATCH	ITEM	AREA
	102(2) - Surplus Common Excavation	8.06 sq.m.
	AREA FILL (EMBANKMENT)	8.01 sq.m.
	500(1) - Stone Masonry (Right Side)	68.60 sq.m.
	500(1) - Stone Masonry (Left Side)	4.32 sq.m.

100(1) - Subgrade Preparation, Common Material	
300(1) - Gravel Surface Course	
100(1) - Subgrade Preparation, Common Material	
310(1) - PCC Pavement (Unreinforced), 0.23m	
Thick: 14 days	
200(1) - Aggregate Subbase Course	
Existing PCCP, 0.23 m thick and 3.05 m width	
Existing Subbase	



STA. 4+800.00
FGE = 25.51
NORTHING = 1,246,962.994
EASTING = 490,335.037

HATCH	ITEM	AREA
	100(2) - Surplus Common Excavation	35.20 sq.m.
	AREA FILL (EM/ROADWAY/NT)	0.00 sq.m.
	300(1) - Stone Masonry (Right Side)	00.00 sq.m.
	500(1) - Stone Masonry (Left Side)	00.00 sq.m.



STA. 4+780.00
FGE = 24.96
NORTHING = 1,246,945.474
EASTING = 490,344.682

HATCH	ITEM	AREA
	100(2) - Surplus Common Excavation	27.25 sq.m.
	AREA FILL (EM/ROADWAY/NT)	0.00 sq.m.
	300(1) - Stone Masonry (Right Side)	00.00 sq.m.
	500(1) - Stone Masonry (Left Side)	00.00 sq.m.



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

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

SHEET CONTENTS
DETAILED CROSS SECTION

PREPARED
FRANKIE ALVINO C. NADERA
ENGINEER
DATE

REVIEWED
FELIX R. SACUS
CHIEF ENGINEER/DESIGN SECTION
DATE

SUBMITTED
AGNES M. BARONDA
CHIEF PLANNING AND DESIGN DIVISION
DATE

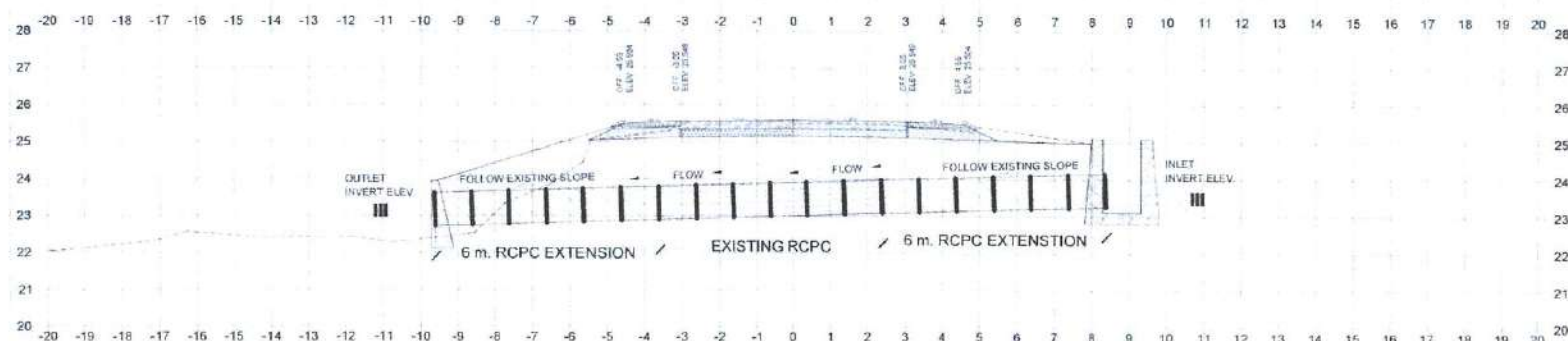
RECOMMENDED
MA. MARGARITA G. JUNIA, D.M.
ASSISTANT REGIONAL DIRECTOR
DATE

APPROVED
EDGAR R. TABACON, CESOR
REGIONAL DIRECTOR
DATE

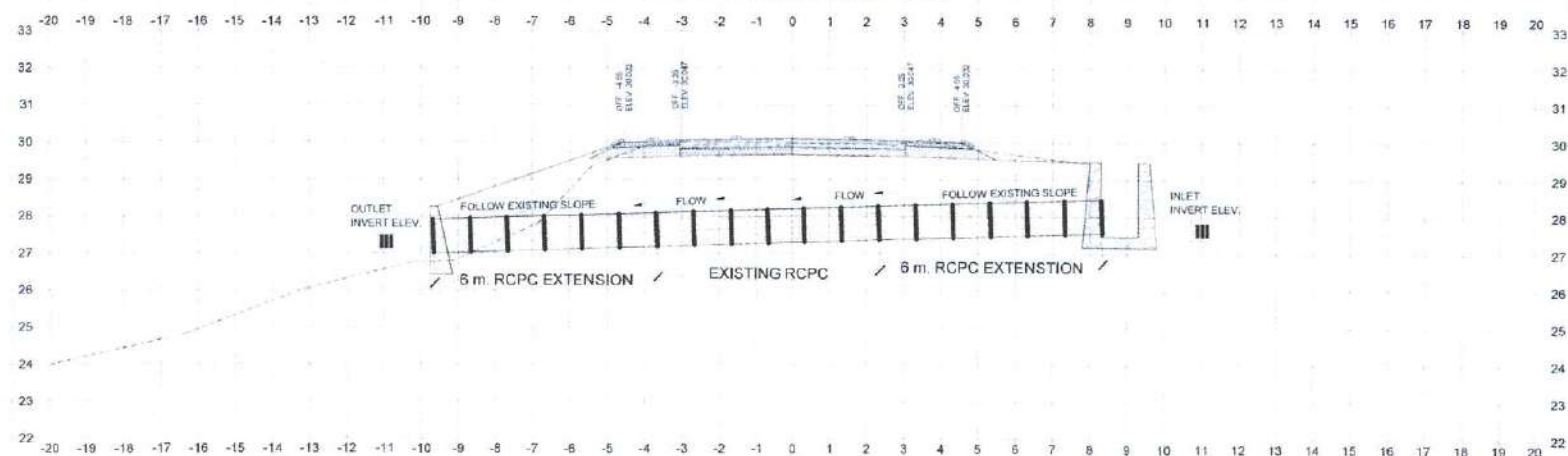
SHEET NO.

174

175



STATION 1+630.50
 1-ROW 910 mm Ø - 12.00 m RCPC
 CATCH BASIN (R/S)
 STRAIGHT TYPE HEADWALL (L/S)
 INLET INVERT ELEV. = 23.25
 CENTER INVERT ELEV. = 23.00
 OUTLET INVERT ELEV. = 22.71
 NORTHING - 1,246,181.821
 EASTING - 490,690.907



STATION 0+835.50.00
 1-ROW 910 mm Ø - 12.00 m RCPC
 CATCH BASIN (R/S)
 STRAIGHT TYPE HEADWALL (L/S)
 INLET INVERT ELEV. = 27.55
 CENTER INVERT ELEV. = 27.23
 OUTLET INVERT ELEV. = 27.00
 NORTHING - 1,246,065.634
 EASTING - 491,068.682

NOTE:

1. LOCATION AND NUMBER OF PIPE CULVERT IS SUBJECT TO CHANGE AS PER ACTUAL IMPLEMENTATION, VERIFICATION AND APPROVED BY THE PROJECT ENGINEER.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE NO. VIII BARANG PULO, LETE TACLOBAN CITY, 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 PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY	SHEET CONTENTS DETAILED CROSS SECTION	PREPARED FRANCIS ALVIN C. NADERA ENGINEER DATE	REVIEWED FELIX B. BACAL CHIEF ENGINEER DATE	SUBMITTED AGNES M. BACAL CHIEF ENGINEER DATE	RECOMMENDED M.A. MARIANO, JR., JUNA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED EDGAR S. TABACON, CESO IV REGIONAL DIRECTOR DATE	SET NO. 1 SHEETS 175 175
--	---	--	---	--	---	---	--	--------------------------------------