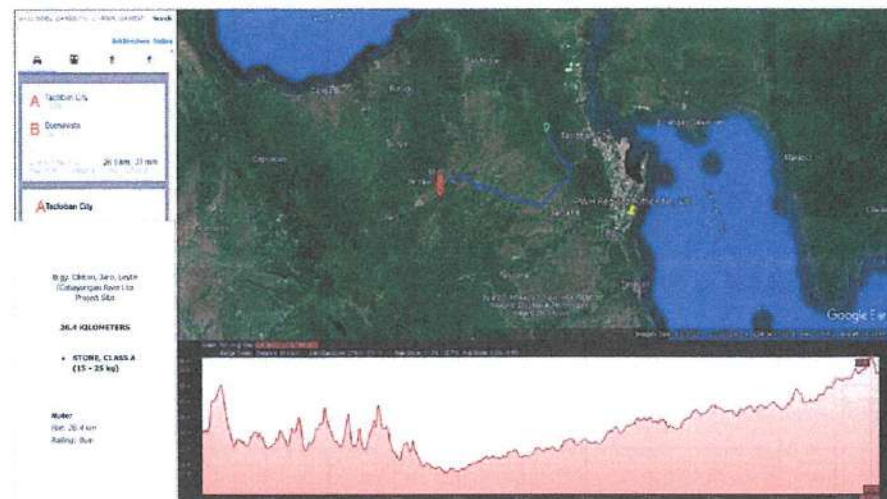
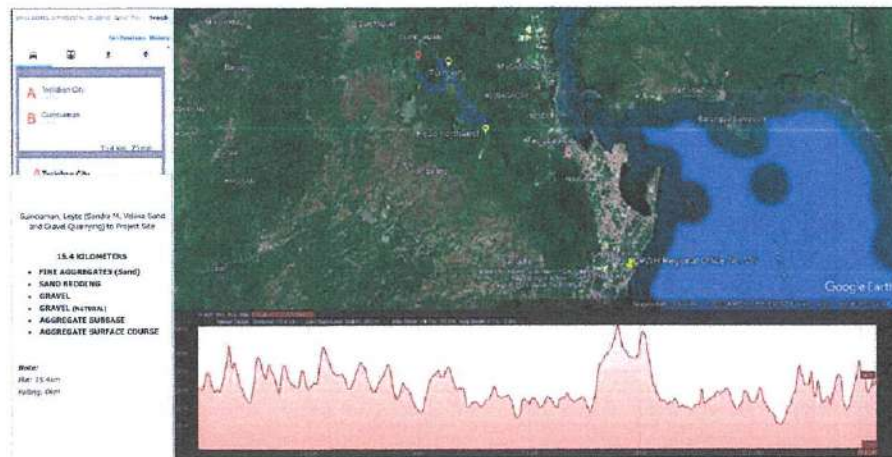
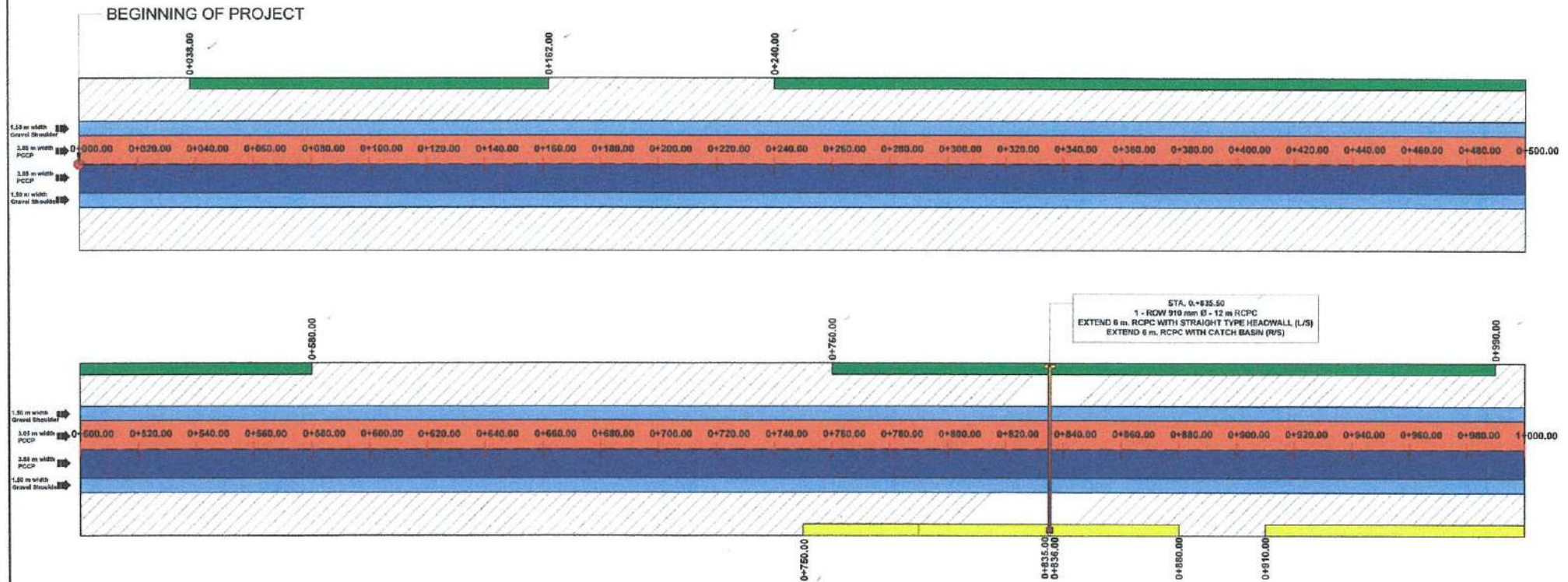




MATERIAL HAULING MAP

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII BRAND PAUL LETTE	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 LD	SHEET CONTENTS MATERIAL HAULING MAP	PREPARED FRANCIS ALVIN C. NADERA ENGINEER I DATE	REVIEWED FELIX R. MACUS CHIEF, HIGHWAY DESIGN SECTION DATE	SUBMITTAL BARONDA CHIEF, PLANNING AND DESIGN DIVISION DATE	RECOMMENDED MA. MARGARITA C. LUNA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED EDGAR C. TABACON, CESO IV REGIONAL DIRECTOR DATE	SHEET NO. A SHEET NO. 33
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STRAIGHT LINE DIAGRAM



LEGEND:

200(1) - Aggregate Subbase Course
105(1)a - Subgrade Preparation, Common Material
311(1)c1 - PCC Pavement (Unreinforced), 0.23m thick, 14 days

105(1)a - Subgrade Preparation, Common Material
200(1) - Aggregate Subbase Course
300(1) - Gravel Surface Course

500(3)a - Lined Canal, Rectangular, Concrete

EXISTING PCCP

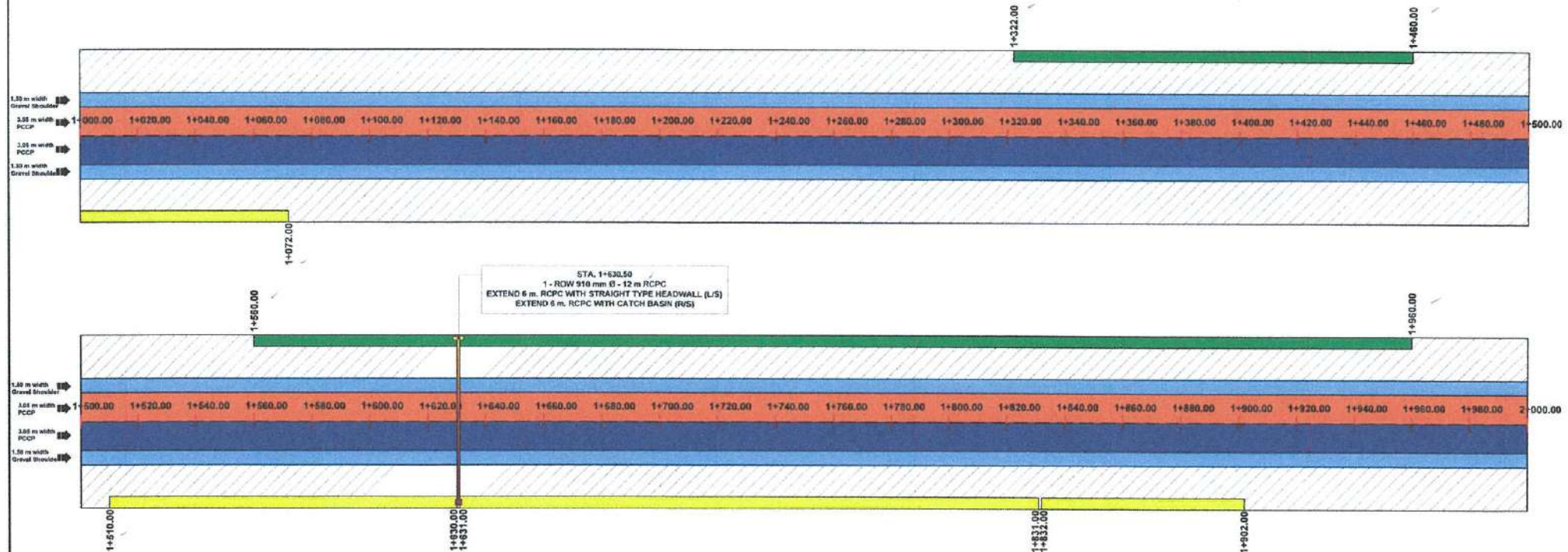
506(1) - Stone Masonry

500(1)d - Pipe Culverts, 910mm dia., Class II-RCPC

Earthworks

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII BARANG PAGO, LEYTE TACLOBAN CITY, LEYTE	PROJECT NAME AND LOCATION: BPAD - 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: STRAIGHT LINE DIAGRAM	PREPARED: FRANCIS ALVIN C. NADERA ENGINEER II DATE: _____	REVIEWED: FELIX R. BACUS CHIEF, HIGHWAY DESIGN SECTION DATE: _____	SUBMITTED: [Signature] CHIEF, PLANNING AND DESIGN DIVISION DATE: _____	RECOMMENDED: MA. MARGARITA C. JUNIA, R.M. ASSISTANT REGIONAL DIRECTOR DATE: _____	APPROVED: EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE: _____	SHEET NO. 34 SHEET NO. 175
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STRAIGHT LINE DIAGRAM



LEGEND:

200(1) - Aggregate Subbase Course
105(1)a - Subgrade Preparation, Common Material
311(1)c1 - PCC Pavement (Unreinforced), 0.23m thick, 14 days

506(1) - Stone Masonry

105(1)a - Subgrade Preparation, Common Material
200(1) - Aggregate Subbase Course
300(1) - Gravel Surface Course

500(1)d - Pipe Culverts, 910mm dia., Class II-RCPC

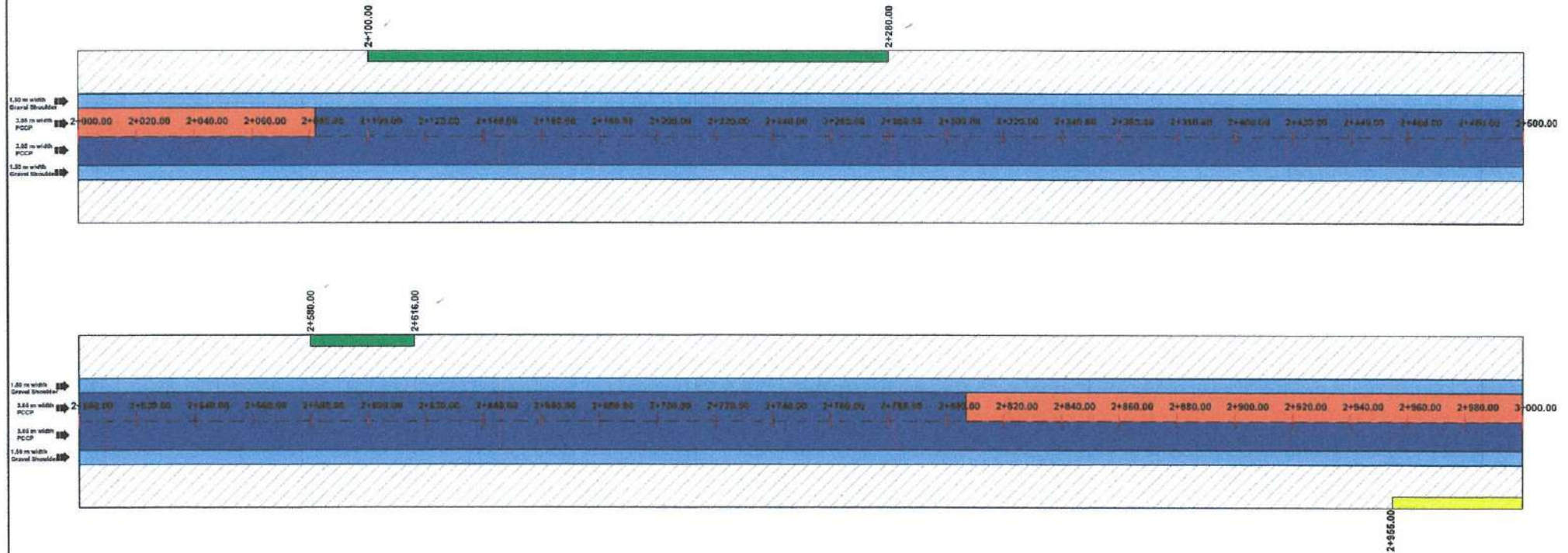
500(3)a - Lined Canal, Rectangular, Concrete

Earthworks

EXISTING PCCP

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII BARANGAL, PALO, LEYTE	PROJECT NAME AND LOCATION: SIPRO - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PADLAUM TO BARANGAY TABANGHAY, TAGLOAN CITY TAGLOAN CITY I.D.	SHEET CONTENTS: STRAIGHT LINE DIAGRAM	DESIGNED BY: FRANCIS ALVIN C. NADERA ENGINEER DATE:	REVIEWED BY: FELIX R. MACUS CHIEF, HIGHWAY DESIGN SECTION DATE:	SUBMITTED BY: AGNES M. BARONDA CHIEF, PLANNING AND DESIGN DIVISION DATE:	RECOMMENDED BY: MA. MARGARITA C. JUNIA, D.M. ASSISTANT REGIONAL DIRECTOR DATE:	APPROVED BY: EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE:	SHEET NO. 35 175
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STRAIGHT LINE DIAGRAM



LEGEND:

200(1) - Aggregate Subbase Course
 105(1)a - Subgrade Preparation, Common Material
 311(1)c1 - PCC Pavement (Unreinforced), 0.23m thick, 14 days

105(1)a - Subgrade Preparation, Common Material
 200(1) - Aggregate Subbase Course
 300(1) - Gravel Surface Course

500(3)a - Lined Canal, Rectangular, Concrete

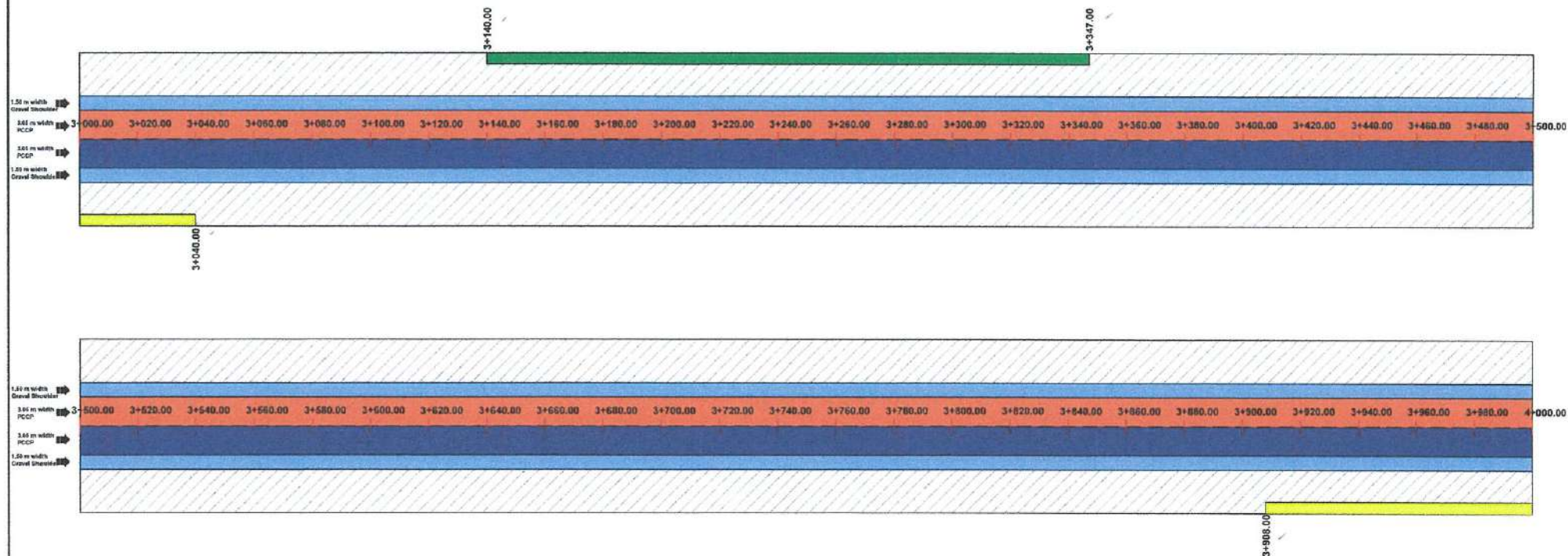
EXISTING PCCP

506(1) - Stone Masonry

500(1)d - Pipe Culverts, 910mm dia., Class II-RCPC

Earthworks

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII SARAS PALO LEYTE	PROJECT NAME AND LOCATION BRAD - 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 STRAIGHT LINE DIAGRAM	PREPARED BY FRANCIS ALMYC MADERA ENGINEER I DATE	REVIEWED BY FELIX R. BRIGGS CHIEF, HIGHWAY DESIGN SECTION DATE	SUBMITTED BY AGNES M. BARONDA CHIEF, PLANNING AND DESIGN DIVISION DATE	RECOMMENDED BY M.A. MARGALITA, JR., D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED BY EDGAR A. TABACON, CESO IV REGIONAL DIRECTOR DATE	SET NO. 3 SHEET NO. 38 175
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LEGEND:

200(1) - Aggregate Subbase Course
 105(1)a - Subgrade Preparation, Common Material
 311(1)c1 - PCC Pavement (Unreinforced), 0.23m thick, 14 days

506(1) - Stone Masonry

105(1)a - Subgrade Preparation, Common Material
 200(1) - Aggregate Subbase Course
 300(1) - Gravel Surface Course

500(1)d - Pipe Culverts, 910mm dia., Class II-RCPC

500(3)a - Lined Canal, Rectangular, Concrete

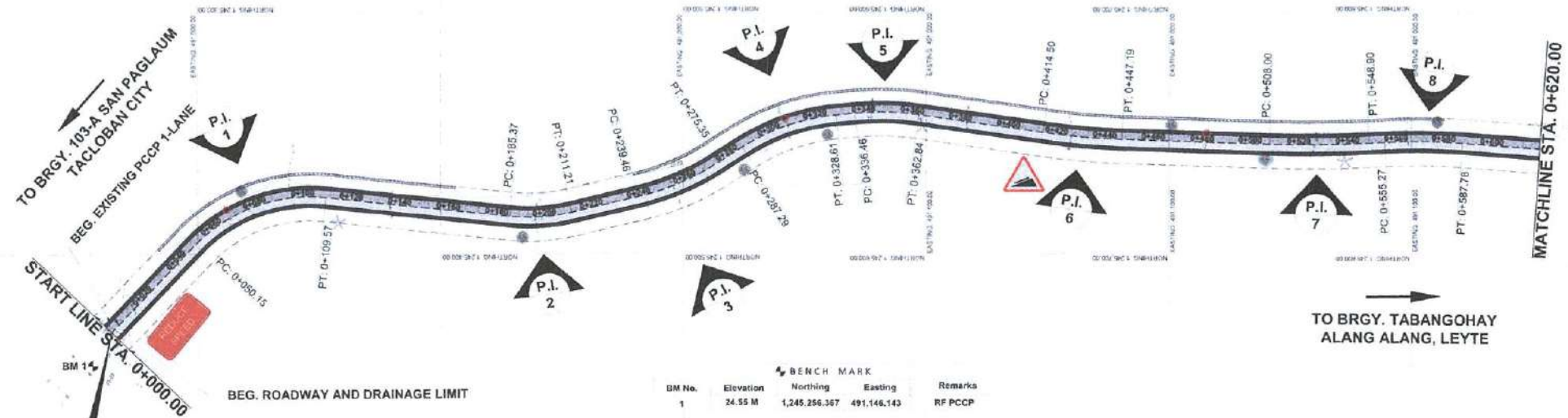
Earthworks

EXISTING PCCP

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII BARCEL, PALO, LEYTE	PROJECT NAME AND LOCATION SPAD - 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 STRAIGHT LINE DIAGRAM	PREPARED FRANCIS ALVIN C. NADERA ENGINEER DATE: _____	REVIEWED FELIX A. RAZAS CHIEF HIGHWAY DESIGN SECTION DATE: _____	SUBMITTED AGNES M. BARONDA CHIEF PLANNING AND DESIGN DIVISION DATE: _____	RECOMMENDED MA. MARGARITA L. JUNA, D. ASSISTANT REGIONAL DIRECTOR DATE: _____	APPROVED EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE: _____	SET NO. B 4 5 SHEET NO. 37 175
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PLAN

SCALE 1:1250



BEG. OF PROJECT
STA. 0+000.00
N = 1,245,264.187
E = 491,132.435

BM No.	Elevation	Northings	Eastings	Remarks
1	24.55 M	1,245,256.367	491,146.143	RF PCPP

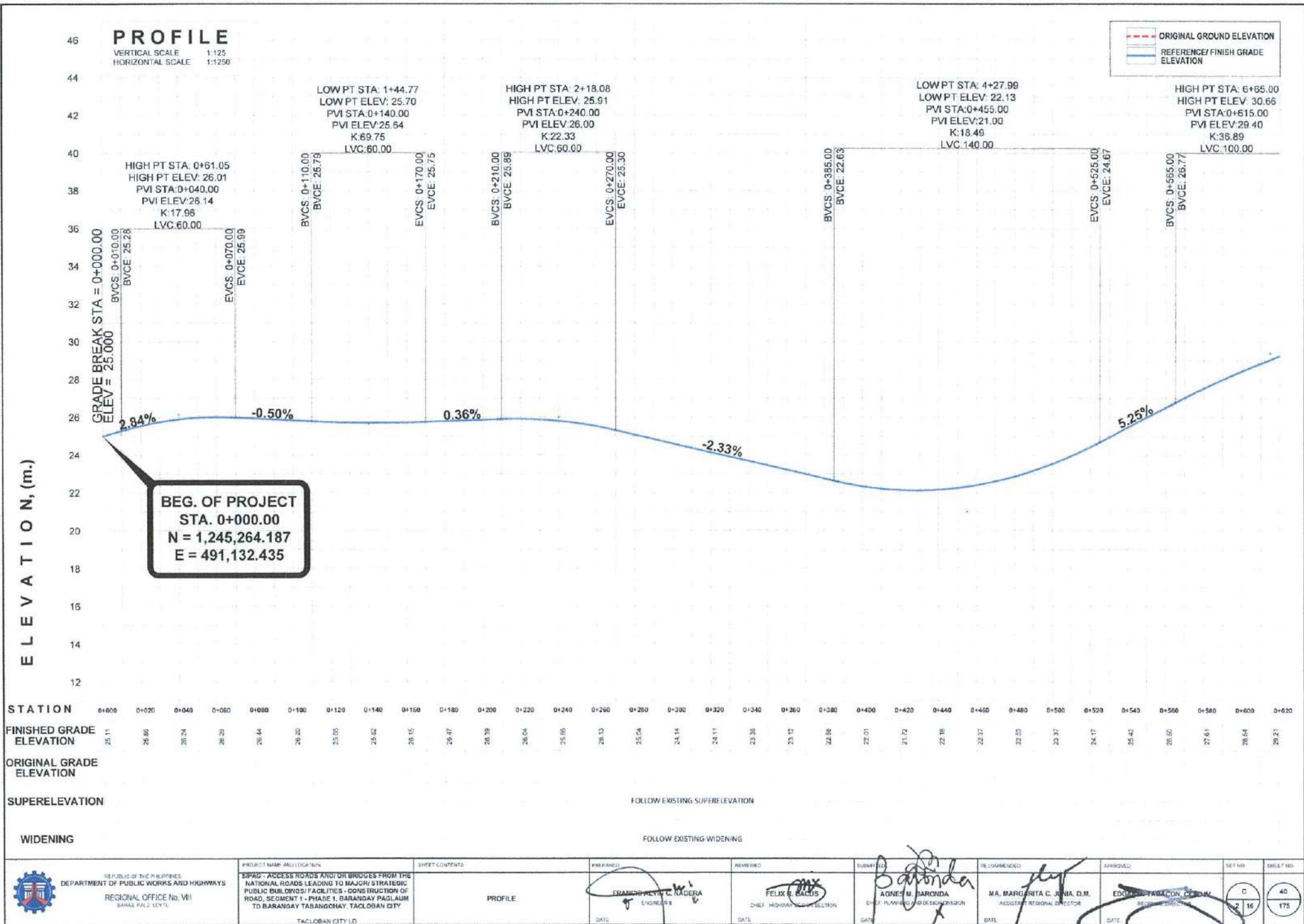
PT NO.	Distance (m)	Azimuth (deg-min-sec)	COORDINATES		Station PT	Angle of Intersection (I)	Radius (R)	Length of Curve (Lc)	ELEMENTS OF CURVE			Design Speed (V)	(e)	(w)
			NORTHINGS	EASTINGS					External Distance (E)	Tangent Distance (T)	Degree of Curve (D)			
1	82.89	313° 52' 37"	1,245,321.088	491,073.259	0+082.89	53° 07' 19"	65.320	59.422	7.393	31.945	17° 32' 35"	30	0.055	1.350
2	120.79	189° 50' 56"	1,245,441.215	491,025.883	0+198.41	18° 28' 13"	76.041	29.840	1.111	13.046	15° 04' 11"	30	0.050	1.211
3	59.41	166° 31' 17"	1,245,498.966	491,072.036	0+257.57	19° 08' 45"	107.411	35.892	1.517	18.115	16° 40' 07"	30	0.036	1.030
4	51.11	147° 23' 13"	1,245,542.039	491,044.491	0+308.34	27° 03' 53"	87.479	41.322	2.498	21.054	13° 05' 58"	30	0.043	1.200
5	42.16	174° 26' 52"	1,245,583.955	491,040.412	0+349.71	13° 47' 36"	110.259	26.383	0.794	13.255	10° 23' 34"	30	0.035	1.050
6	81.28	188° 09' 28"	1,245,664.451	491,051.945	0+430.86	06° 18' 40"	296.750	32.687	0.451	16.380	03° 51' 42"	30	RC	0.600
7	97.63	181° 50' 48"	1,245,762.032	491,055.092	0+528.46	04° 54' 40"	477.103	40.895	0.438	20.460	02° 24' 07"	30	RC	
8	43.11	176° 56' 08"	1,245,825.078	491,052.787	0+571.54	60° 09' 45"	260.074	32.512	0.509	18.277	04° 24' 22"	30	RC	0.600

LEGEND :

- PCPP CARRIAGEWAY (w = 3.05 m; t = 0.23 m)
- EXISTING PCPP (w = 3.05 m; t = 0.23 m)
- GRAVEL SHOULDER
- STONE MASONRY
- PROPOSED RCPC
- LINED CANAL
- REMOVAL AND RELOCATION OF AFFECTED ELECTRICAL POSTS

- ITEM NO. 160(3)a1 - INDIVIDUAL REMOVAL OF TREES (SMALL, 160-300mm dia)
- | NO. OF TREES | REMARK |
|--------------|--------------------|
| 3 | COCO TREES/PLANTED |
| 4 | PREMIUM TREES |
- ITEM NO. 160(3)a2 - INDIVIDUAL REMOVAL OF TREES (SMALL, 301-600mm dia)
- | NO. OF TREES | REMARK |
|--------------|---------------|
| 2 | PREMIUM TREES |
- ITEM NO. 160(3)a3 - INDIVIDUAL REMOVAL OF TREES (SMALL, 601-750mm dia)
- | NO. OF TREES | REMARK |
|--------------|---------------|
| 1 | PREMIUM TREES |
- ITEM NO. 160(3)a4 - INDIVIDUAL REMOVAL OF TREES (SMALL, 751-900mm dia)
- | NO. OF TREES | REMARK |
|--------------|---------------|
| 0 | PREMIUM TREES |

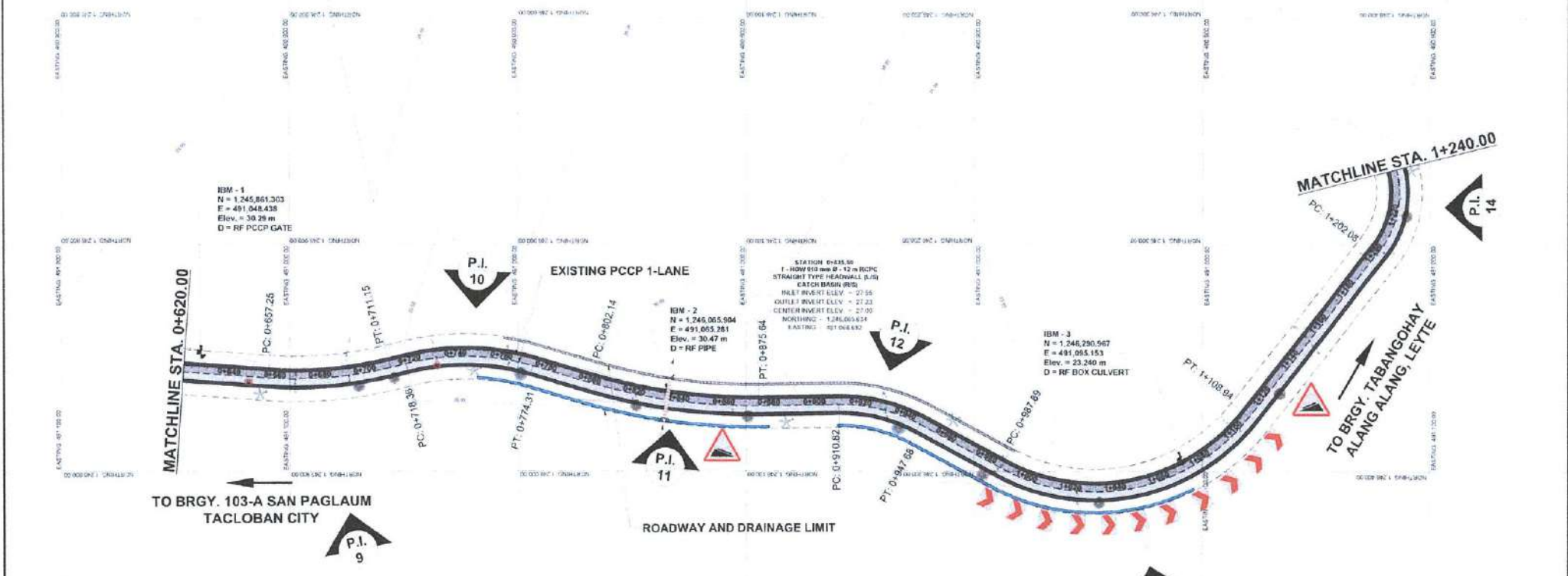
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE No. VIII BARAS, PALO LEYTE	PROJECT NAME AND LOCATION SPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1: BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY I.D.	SHEET CONTENTS PLAN	PREPARED FRANCIS ALVIN MADERA ENGINEER DATE	REVIEWED FELIX C. BACUS CHIEF HIGHWAY DESIGN SECTION DATE	DESIGNED AGNES M. BARONDA CHIEF PLANNING AND DESIGN DIVISION DATE	RECOMMENDED MA. MARGARITA C. JUNIA, D. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE	SHEET NO. 116	TOTAL SHEETS 175
	APPROVED FOR THE PROJECT DATE								





PLAN

SCALE 1:1250



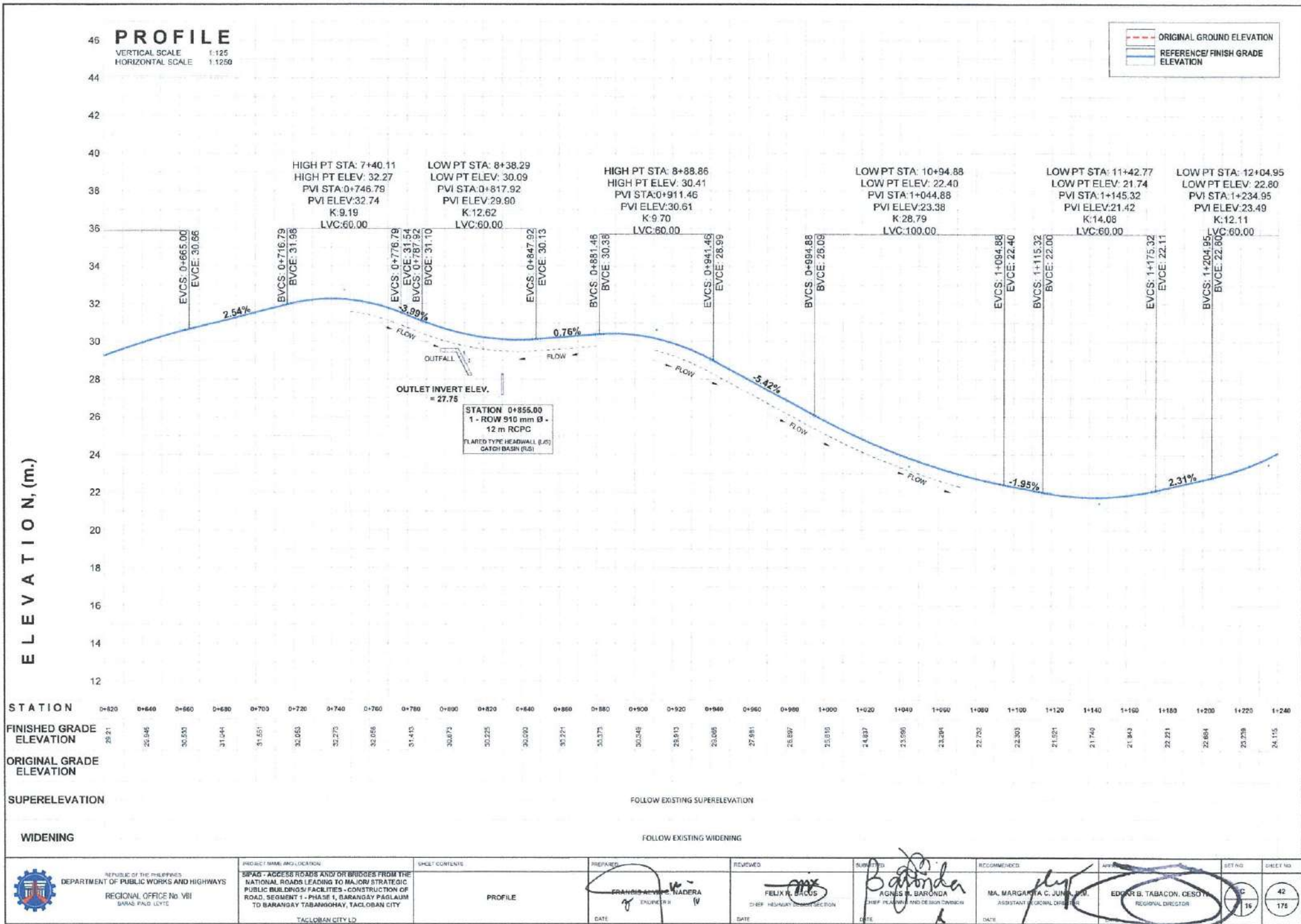
P.I.
13

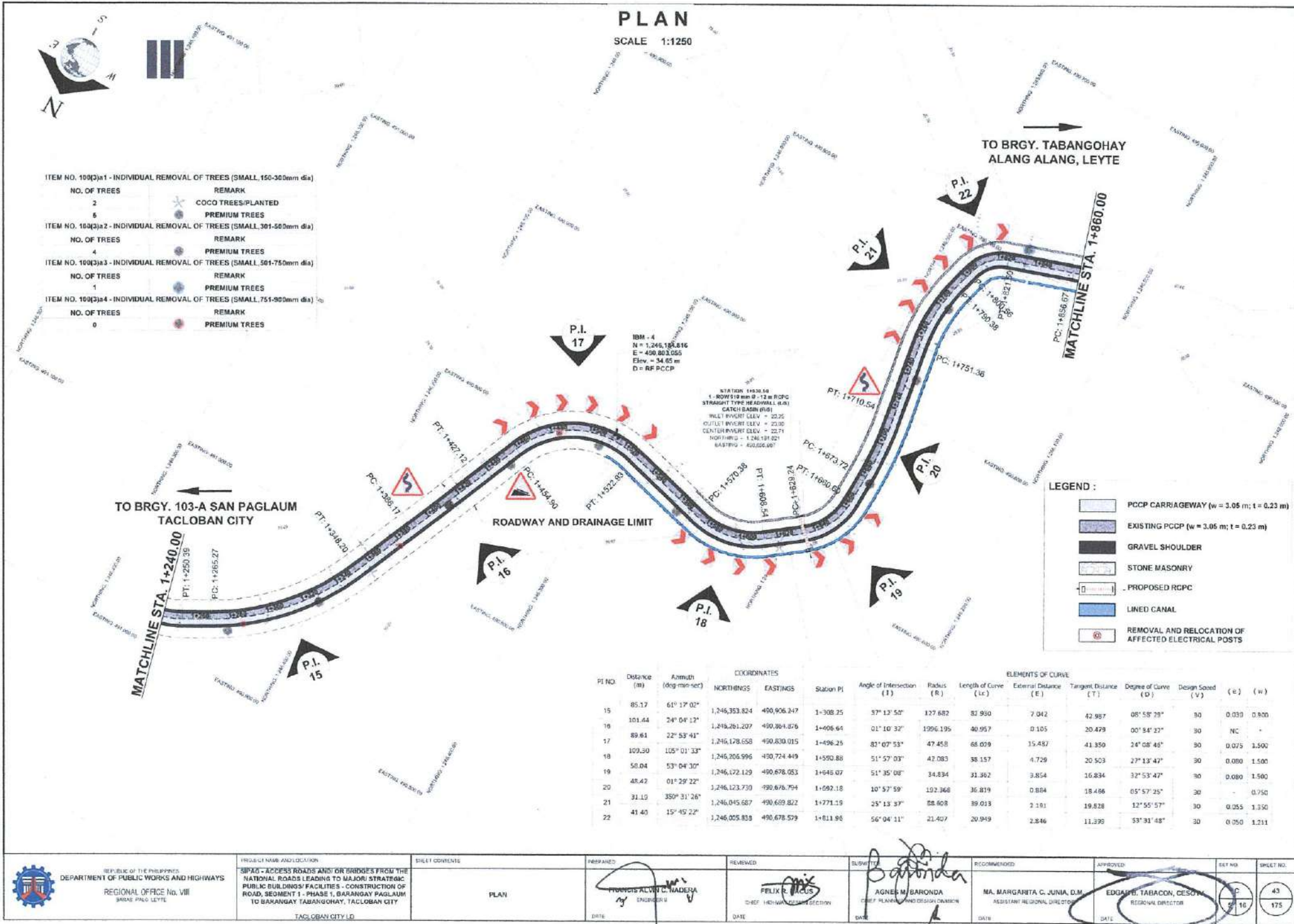
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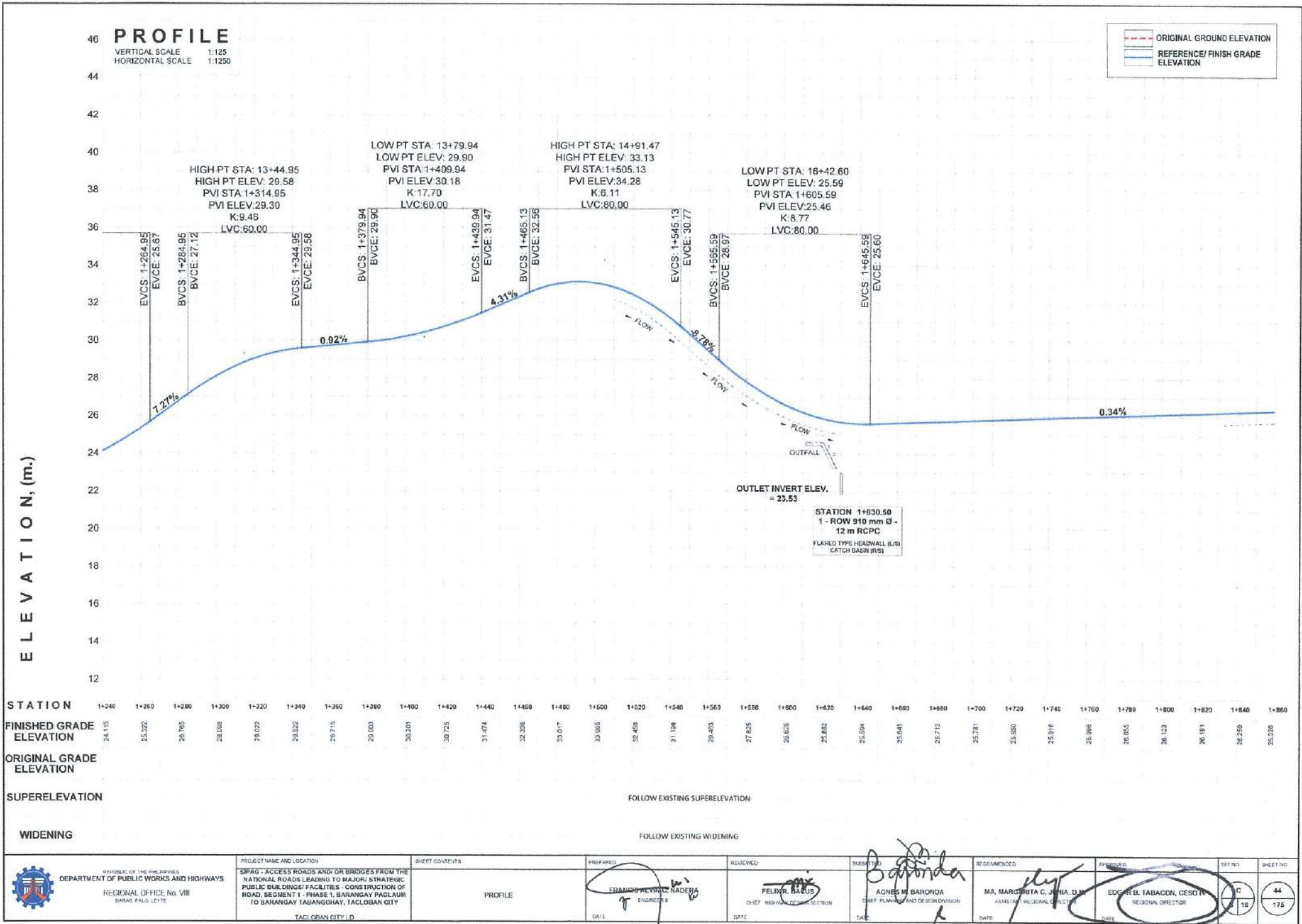
-  PCCP CARRIAGEWAY (w = 3.05 m; t = 0.23 m)
-  EXISTING PCCP (w = 3.05 m; t = 0.23 m)
-  GRAVEL SHOULDER
-  STONE MASONRY
-  PROPOSED RCPC
-  LINED CANAL
-  REMOVAL AND RELOCATION OF AFFECTED ELECTRICAL POSTS

ITEM NO. 100(2)a1 - INDIVIDUAL REMOVAL OF TREES (SMALL, 150-300mm dia)		COORDINATES		ELEMENTS OF CURVE											
NO. OF TREES	REMARK	Distance (m)	Azimuth (deg-min-sec)	NORTHINGS	EASTINGS	Station P.I.	Angle of Intersection (I)	Radius (R)	Length of Curve (LC)	External Distance (E)	Tangent Distance (T)	Degree of Curve (D)	Design Speed (V)	(e)	(w)
5	COCO TREES/PLANTED PREMIUM TREES	112.92	104° 05' 53"	1,245,917.707	491,060.857	0+684.42	17° 56' 56"	172.041	53.895	2.132	27.170	06° 39' 39"	30	0.020	0.750
3	PREMIUM TREES	63.02	156° 08' 57"	1,245,978.853	491,045.770	0+746.99	30° 03' 01"	108.665	55.843	3.776	28.681	10° 44' 35"	30	0.037	1.050
11	INDIVIDUAL REMOVAL OF TREES (SMALL, 301-500mm dia)	93.49	196° 11' 58"	1,246,068.671	491,071.852	0+839.16	17° 06' 29"	246.145	73.497	2.769	37.024	04° 39' 30"	30	RC	0.650
5	PREMIUM TREES	91.05	175° 05' 29"	1,246,159.711	491,070.409	0+929.66	29° 23' 51"	73.847	86.868	2.431	18.847	15° 56' 58"	30	0.050	1.343
13	INDIVIDUAL REMOVAL OF TREES (SMALL, 501-750mm dia)	131.99	208° 29' 20"	1,246,275.722	491,133.368	1+000.83	80° 30' 13"	86.148	121.042	26.727	72.994	13° 18' 06"	30	0.044	1.200
2	PREMIUM TREES	103.39	127° 59' 08"	1,246,354.746	490,980.944	1+129.39	66° 42' 06"	41.498	48.311	8.181	27.313	27° 30' 48"	30	0.050	1.500
0	INDIVIDUAL REMOVAL OF TREES (SMALL, 751-900mm dia)														
0	PREMIUM TREES														

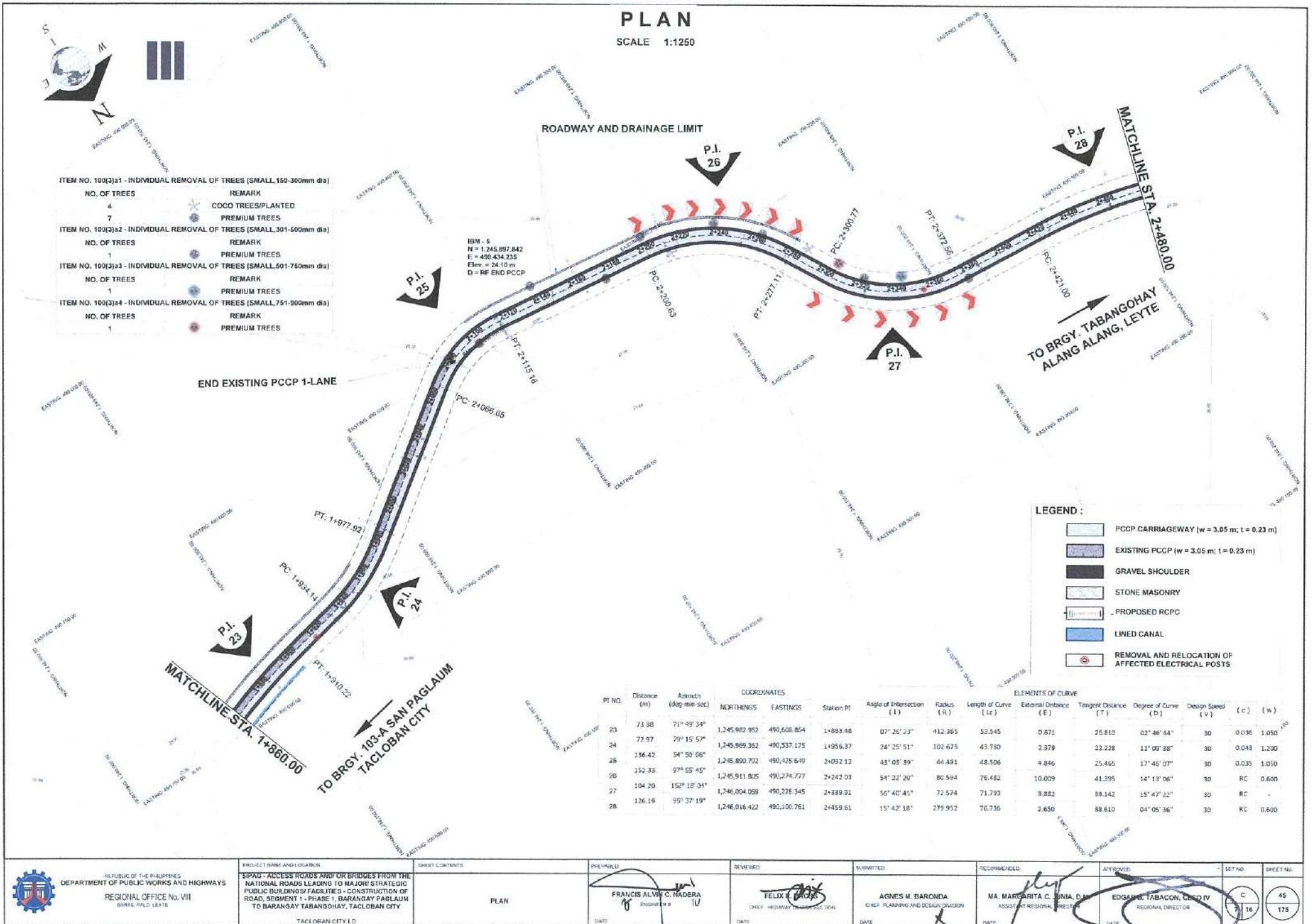
	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE No. VIII BARAS PAID, LEYTE TACLOBAN CITY, LEYTE	PROJECT NAME AND LOCATION SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY	SHEET CONTENTS PLAN	PREPARED FRANCIS ALVIN C. MADRA ENGINEER	REVIEWED FELIX R. BACUS CHIEF ENGINEER	DESIGNED BARTOLDA CHIEF PLANNER AND DESIGN DIVISION	RECOMMENDED MA. MARGARITA C. JIMENEZ ASSISTANT REGIONAL DIRECTOR	APPROVED EDUARDO B. TABANGOHAY IV REGIONAL DIRECTOR	SPT NO. C 3 16	SPRINT NO. 41 175
	DATE									

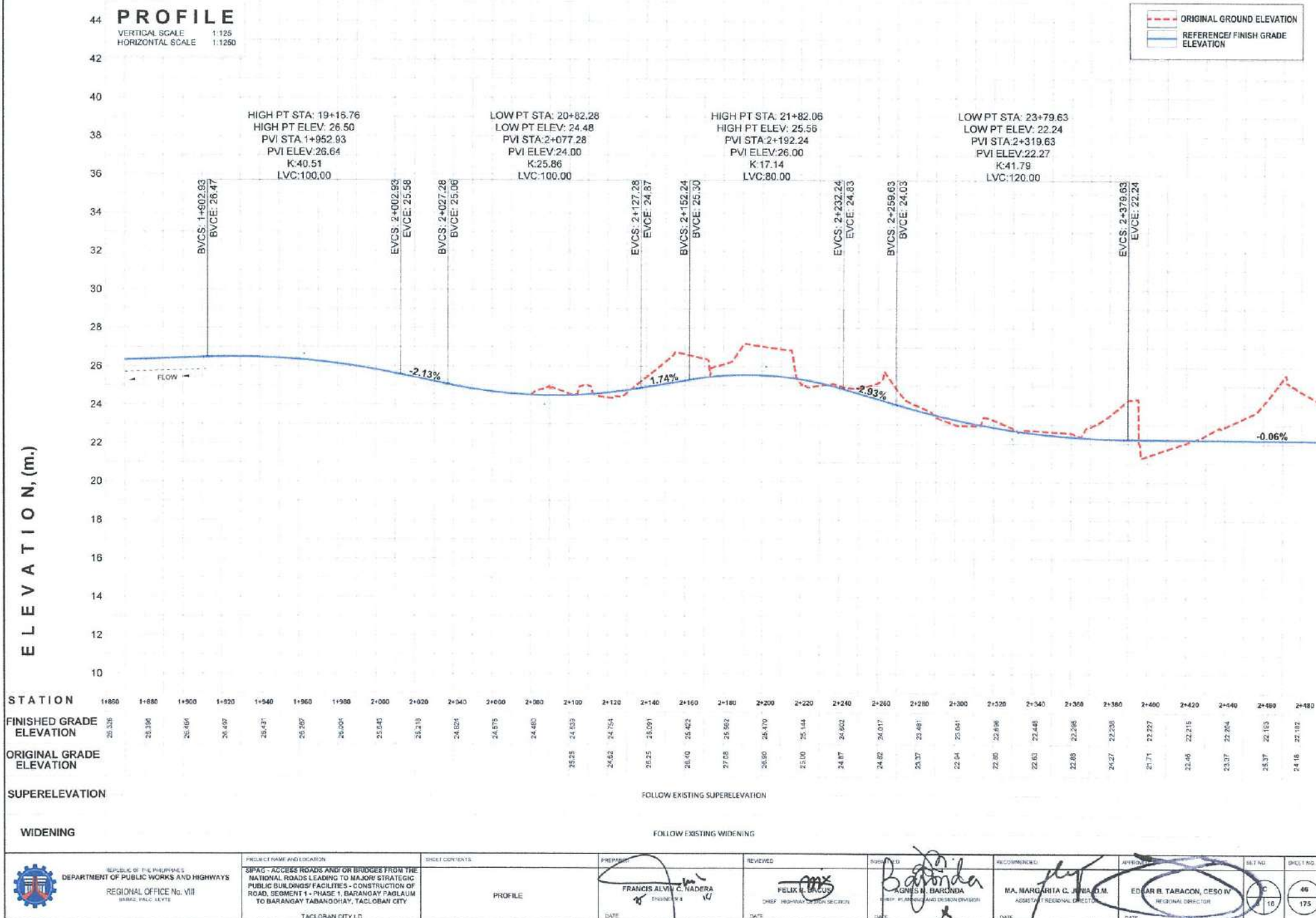


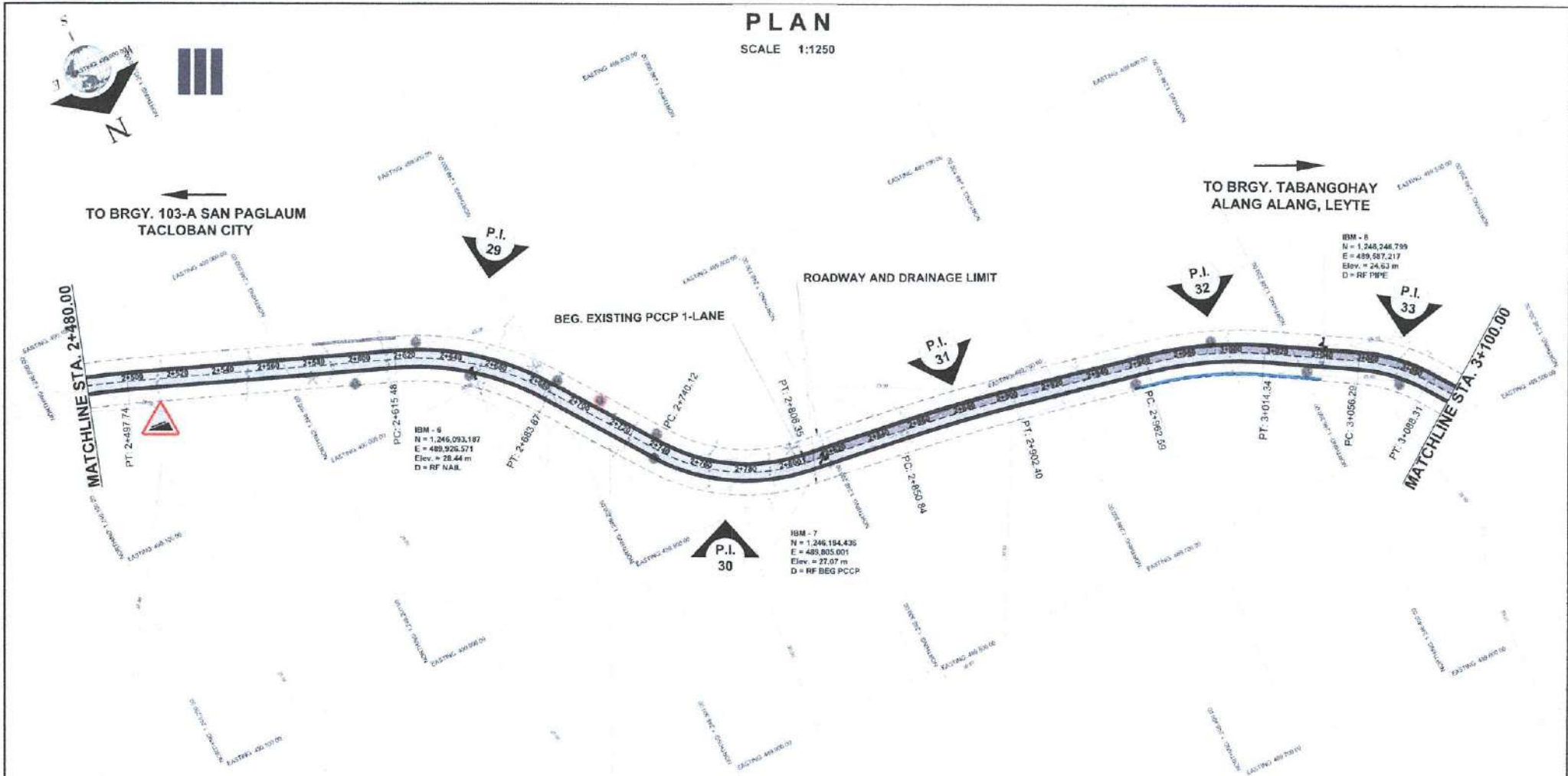




	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE No. VIII BARANG PAGO, LEYTE	PROJECT NAME AND LOCATION SPAD - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/ FACILITIES - CONSTRUCTION OF ROAD, SEGMENT I - PHASE I, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY, LD	SHEET CONTENTS PROFILE	PREPARED FRANCIS ALVIN NADERA ENGINEER DATE	REVIEWED FELDER, BACUS CHIEF, HIGHWAY DESIGN SECTION DATE	SUBMITTED AGNES M. BARONDA CHIEF, PLANNING AND DESIGN DIVISION DATE	WITNESSED MA. MARGARITA C. JUNA, D.M. ASSISTANT REGIONAL DIRECTOR DATE	APPROVED EDGAR D. TABACON, CESO IV REGIONAL DIRECTOR DATE	SHEET NO. 18	SHEET NO. 44 175
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ITEM NO.	NO. OF TREES	REMARK	PI NO.	Distance (m)	Azimuth (900 min sec)	COORDINATES		Station PI	Angle of Intersection (I)	Radius (R)	Length of Curve (Lc)	ELEMENTS OF CURVE				Design Speed (V)	(e)	(w)
						NORTHINGS	EASTINGS					External Distance (E)	Tangent Distance (T)	Degree of Curve (D)				
ITEM NO. 100(3)a1 - INDIVIDUAL REMOVAL OF TREES (SMALL, 160-300mm dia)	3	COCO TREES/PLANTED PREMIUM TREES	29	191.53	111° 19' 37"	1,246,086.078	489,922.348	2+650.66	33° 03' 04"	118.548	68.384	5.108	35.173	09° 33' 59"	30	0.020	0.750	
			30	126.52	144° 22' 41"	1,246,188.926	489,848.657	2+775.22	40° 50' 24"	81.018	66.293	7.274	35.093	14° 08' 39"	30	0.037	1.050	
			31	105.97	97° 32' 16"	1,246,202.748	489,744.197	2+876.64	04° 05' 21"	722.524	51.596	0.460	25.794	01° 35' 10"	30	RC	0.650	
ITEM NO. 100(3)a2 - INDIVIDUAL REMOVAL OF TREES (SMALL, 301-500mm dia)	6	PREMIUM TREES	32	112.09	101° 37' 38"	1,246,225.339	489,634.408	2+988.70	18° 40' 13"	158.815	51.751	2.132	26.107	07° 12' 55"	30	0.050	1.343	
			33	84.30	120° 17' 50"	1,246,267.889	489,561.619	3+072.54	24° 09' 07"	75.941	32.011	1.719	16.247	15° 05' 22"	30	0.044	1.202	
ITEM NO. 100(3)a3 - INDIVIDUAL REMOVAL OF TREES (SMALL, 501-750mm dia)	0	PREMIUM TREES																
ITEM NO. 100(3)a4 - INDIVIDUAL REMOVAL OF TREES (SMALL, 751-900mm dia)	1	PREMIUM TREES																

PCCP CARRIAGEWAY (w = 3.05 m, t = 0.23 m)

EXISTING PCCP (w = 3.05 m, t = 0.23 m)

GRAVEL SHOULDER

STONE MASONRY

PROPOSED RCPC

LINED CANAL

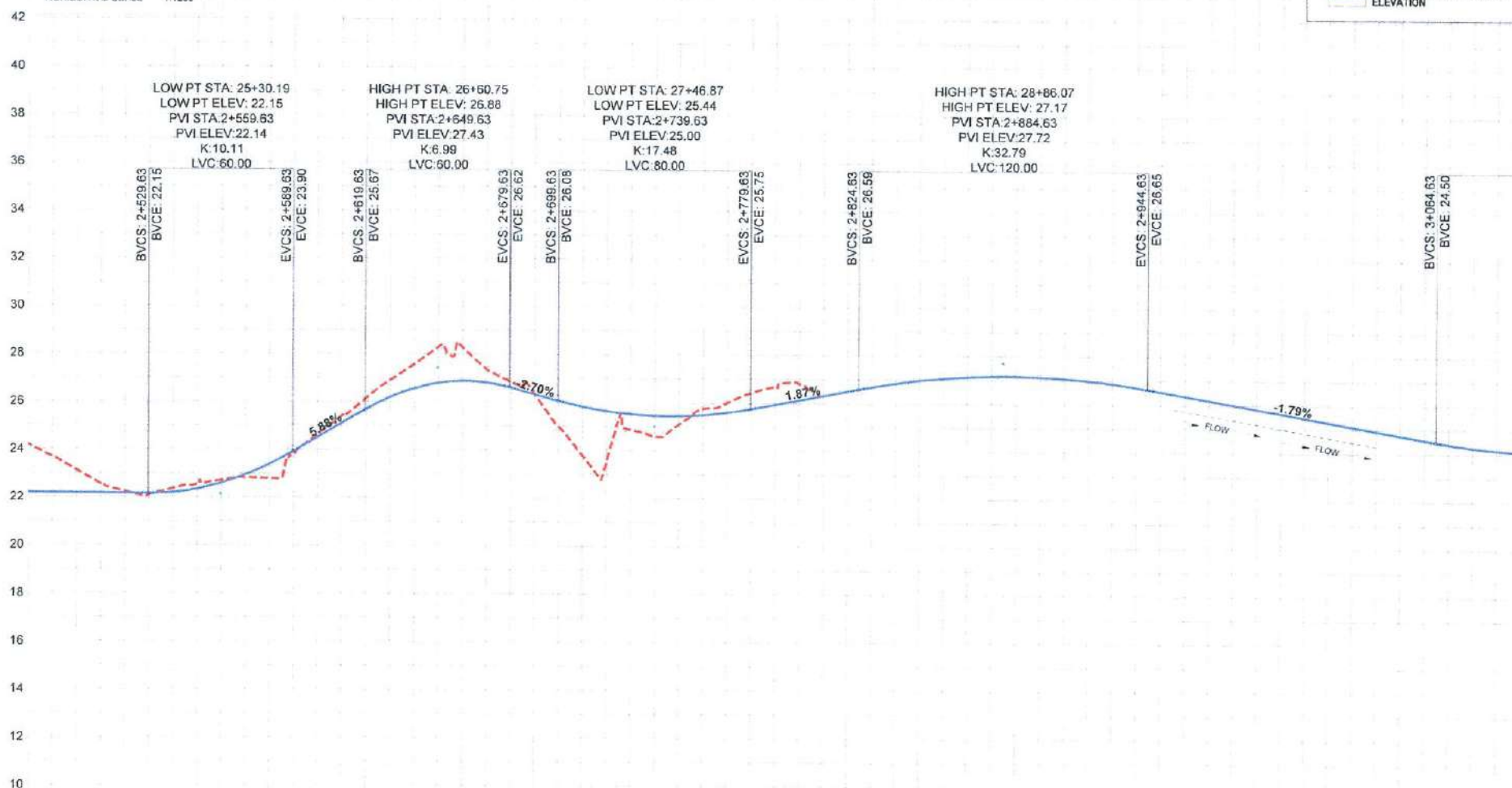
REMOVAL AND RELOCATION OF AFFECTED ELECTRICAL POSTS

- LEGEND :**
- PCCP CARRIAGEWAY (w = 3.05 m; t = 0.23 m)
 - EXISTING PCCP (w = 3.05 m; t = 0.23 m)
 - GRAVEL SHOULDER
 - STONE MASONRY
 - PROPOSED RCPC
 - LINED CANAL
 - REMOVAL AND RELOCATION OF AFFECTED ELECTRICAL POSTS

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE No. VIII SARAS, PALO LEYTE	PROJECT NAME AND LOCATION BYPAS - 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 I.D.	SHEET CONTENTS PLAN	APPROVED FRANCIS ALVIN C. NADERA ENGINEER	REVIEWED FELIX A. BACOS CHIEF, REGIONAL DESIGN DIVISION	SUBMITTED AGNES M. BARONDA CHIEF, PLANNING AND DESIGN DIVISION	RECOMMENDED MA. MARGARITA C. JUNIA, P.M. ASSISTANT REGIONAL DIRECTOR	APPROVED EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR	REV. NO. 16	SHEET NO. 47 175
			DATE	DATE	DATE	DATE	DATE		

44
42
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VERTICAL SCALE 1:125
HORIZONTAL SCALE 1:1250

[illegible]

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE No. VIII NARAG-PALD, LEYTE	PROJECT NAME AND LOCATION SIPAS - 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, TAGLOAN CITY TAGLOAN CITY, I.D.	SHEET CONTENTS PROFILE	PREPARED  FRANCIS ALVIN C. NADERA ENGINEER II	REVIEWED  FELIX P. ROCIO CHIEF, HIGHWAY DESIGN SECTION	APPROVED  AGNES M. BARONDA CHIEF, PLANNING AND DESIGN DIVISION	RECOMMENDED  MA. MARGARITA C. UNIA, DSR ASSISTANT REGIONAL MANAGER	APPROVED  EDGAR B. TABACORA, CESO IV REGIONAL DIRECTOR	SET NO. C 10 16	SHEET NO. 48
				DATE	DATE	DATE	DATE		