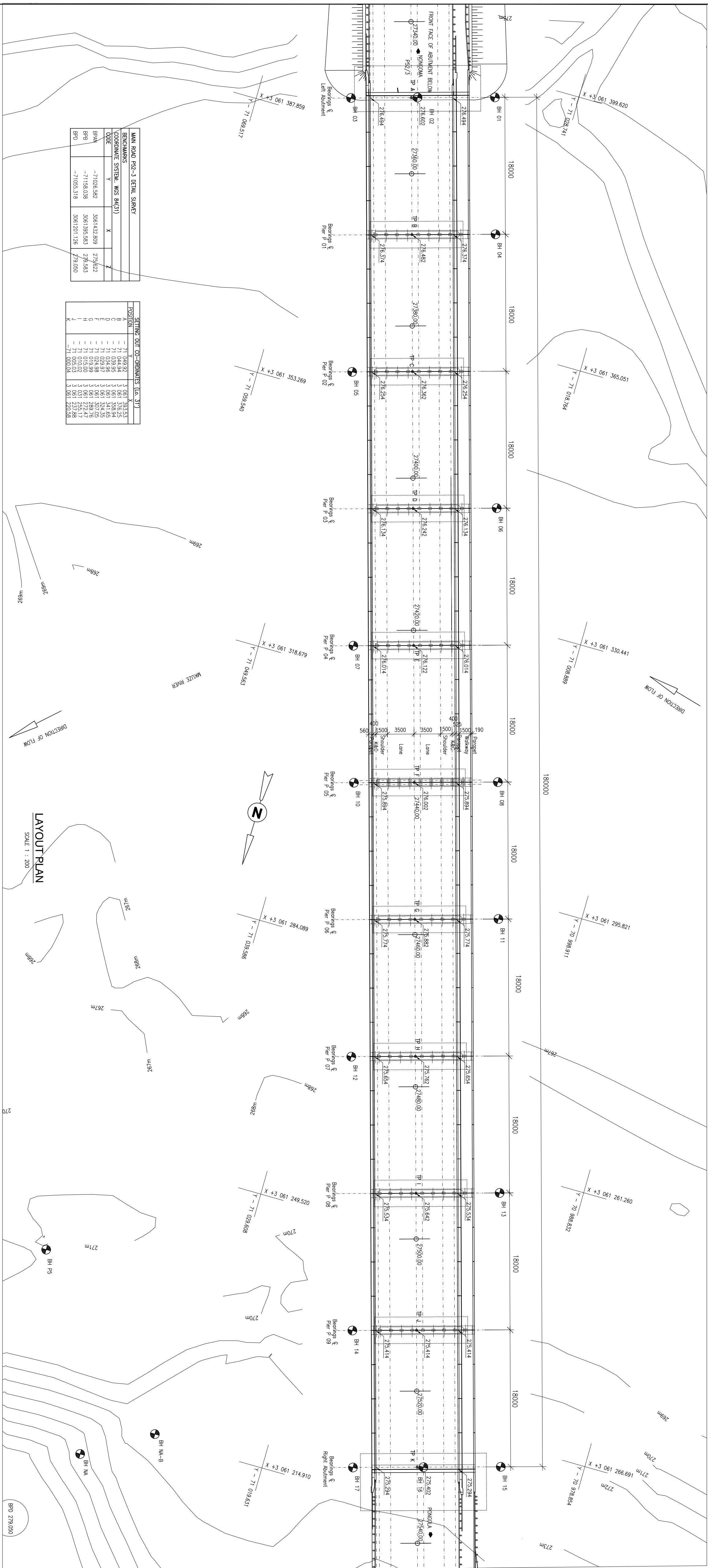


NOTES:

1.	DESCRIPTION OF STRUCTURE		
	THE STRUCTURE IS A CONCRETE GRAVITY RETAINED		
	PEREOSTE BEAMS & CAST-IN-SITU SLAB		
	THE REINFORCES ARE COATED ALUMINUM WITH ANODIZED		
	ZINC. THE REINFORCES ARE COATED WITH ANODIZED ZINC.		
	THE PILES ARE SOLID W/ THE W/ CHAFFERED RINGS.		
2.	DESIGN CRITERIA		
	THE BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH		
	BRIDGE SPECS 1 & 2 (AS ADOPTED 1989)		
	LIVE LOAD		10.0 KIPS AND NC
	SLABING		1.0 IN. THICK ASPHALT
3.	STRUCTURAL ANALYSIS & PARAMETERS		
	THE STRUCTURE HAS BEEN BEING USING ELASITIC ANALYSIS		
	FOR THE DESIGN OF THE STRUCTURE		
3.1	DENSITIES :	CONCRETE	150 lb/cu ft
	ASPHALT	120 lb/cu ft	2.00 kN/m ³
	FILL MATERIAL	2000 kg/m ³	2.00 kN/m ³
3.2	LATERAL EARTH PRESSURE :	2.8 kN/m ² /m	
3.3	WINDS MODULES :	CONCRETE :	30 mph, 28 GPa
	STEEL :	200 GPa	
3.4	COEFFICIENT OF THERMAL EXPANSION :	12 x 10 ⁻⁶ /°C	
3.5	SEWER FACTOR :	36 x 10 ⁻⁶ /°C	
3.6	SHRINKAGE FACTOR :	250 x 10 ⁻⁶ /°C	
4.	QUALITY OF MATERIALS		
4.1	REINFORCING STEEL OF SRS 920		
	CHARACTERISTIC STRENGTH		552 MPa
	MILD STEEL		483 MPa
4.2	CONCRETE		
	CHARACTERISTIC STRENGTH		
	CLASS		
	BRIDGEW/MS CONCRETE	15.19 MPa	35 MPa
	BASES	32.19 MPa	35 MPa
	SLAB	32.19 MPa	35 MPa
	ADJUTMENTS	32.19 MPa	35 MPa
	DECK	32.19 MPa	35 MPa
	PAVEMENT	32.19 MPa	35 MPa

4.4	ALUMINUM MATERIAL	NONTOXIC
4.5	ALUMINUM BEARING PRESSURE	LETTING AND JOINTS TO PERFORM
4.6	SEAMS	UNLIMITED EXTENSION BEARING
4.7	EXTENSION JOINTS AT JOINTS	ASPHALT PULG FOR JOINT
5	CONSTRUCTION REQUIREMENTS	
5.1	FINISHES	
	ALL UNPAVED AREAS TO BE FINISHED TO SURFACES	F1
	ALL FINISHED AREAS TO BE FINISHED TO SURFACES	F2
	ALL FINISHED AREAS TO BE FINISHED TO SURFACES	F3
5.2	CONCRETE COVER	
	ALL CONCRETE COVER	20mm
	ALL CONCRETE COVER	20mm
	ALL CONCRETE COVER	20mm
	ALL CONCRETE COVER	20mm
	ALL CONCRETE COVER	20mm
5.3	CURBS IN ALL SHARP CORNERS	
	ALL CURBS IN ALL SHARP CORNERS	20mm x 20mm
5.4	SEAMLESS	
	ALL SEAMLESS	20mm x 20mm
5.5	ALL LISTS TO BE VENTED BY ENGINEER ON SITE BEFORE CONSTRUCTION	
5.6	PROVE MAX. YEAR AND BRIDGE NUMBER AS PER DETAIL.	



NONGOLA		DESIGN SPEED = 100 km/h		PONGOLA	
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