



**KEMENTERIAN KERAJAAN TEMPATAN
DAN
PERUMAHAN SARAWAK**

KEY FOCUS ACTIVITIES (KFA)

**REKA BENTUK STANDARD
UNTUK
PIHAK BERKUASA TEMPATAN SARAWAK**

1.1 JAMBATAN (SIMPLE BRIDGE SINGLE SPAN)



ANGGARAN KOS

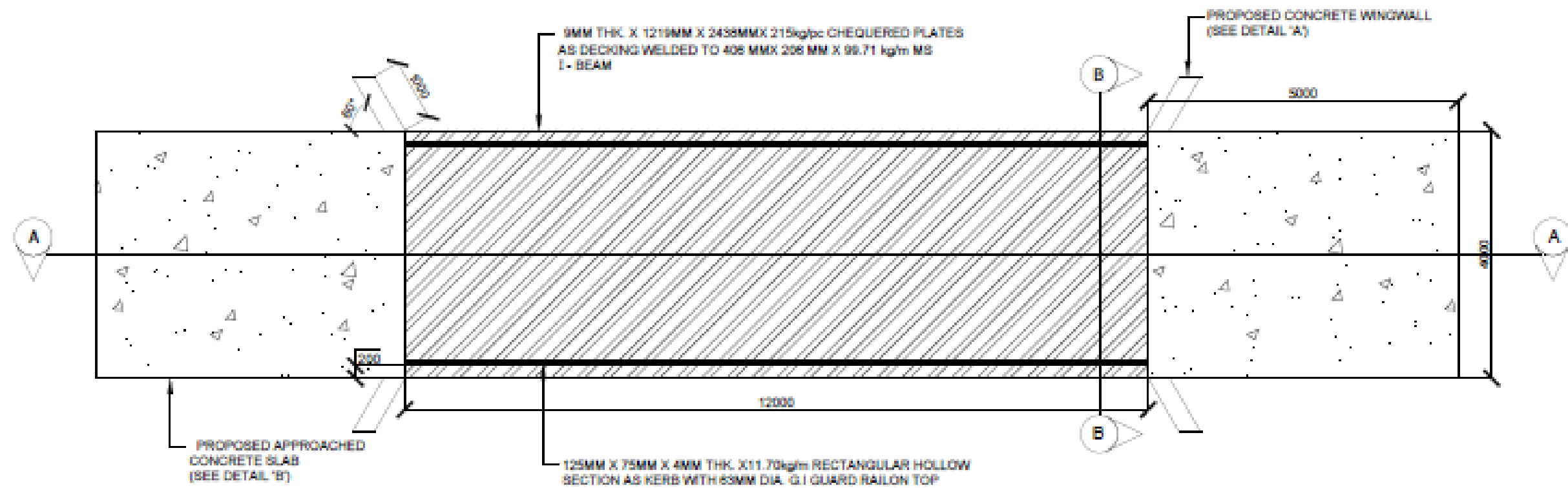
RM 160,349.00

Gambar 1: Jambatan (Simple Bridge Single Span)



LUKISAN TERPERINCI DAN ANGGARAN KOS

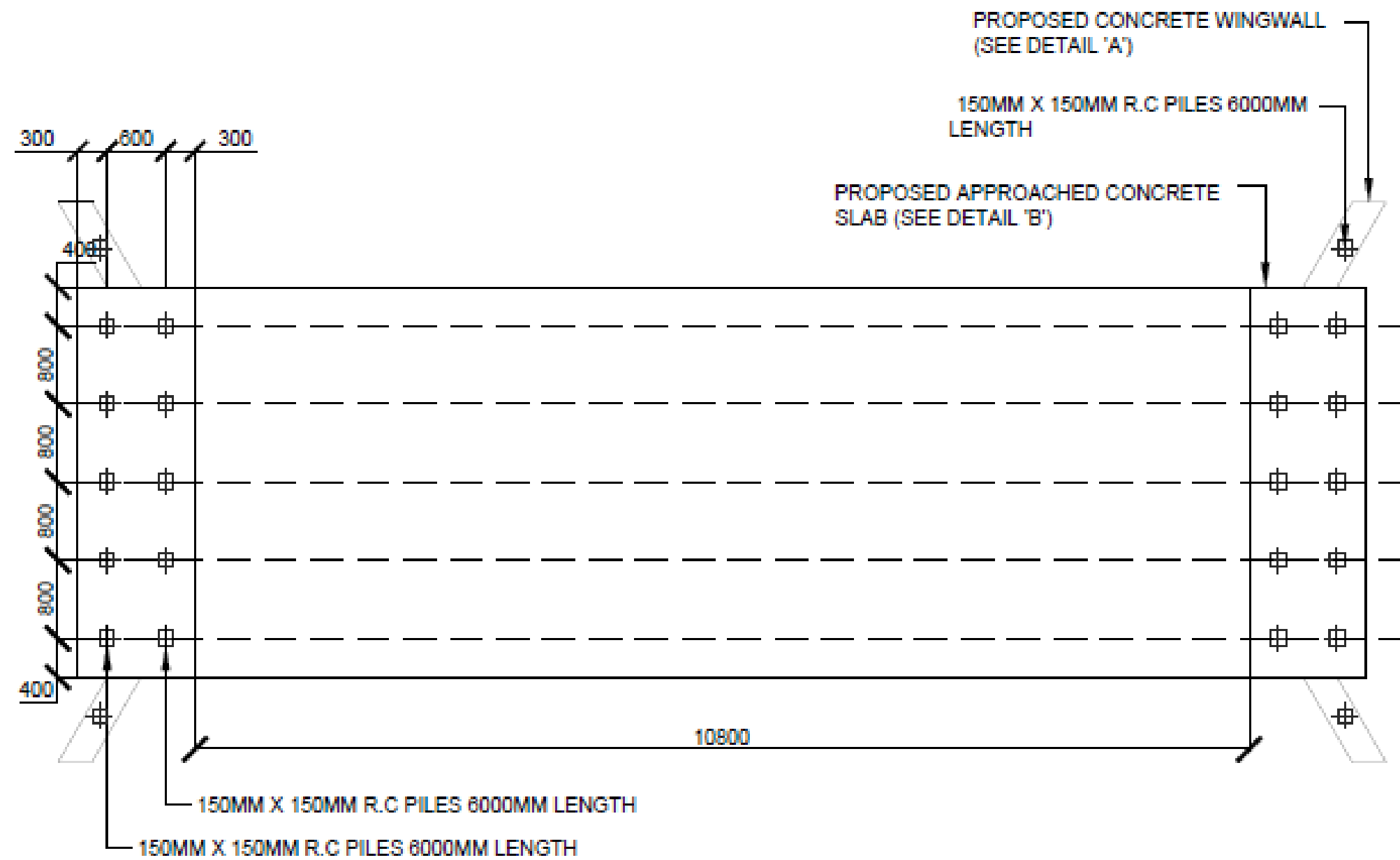
PILING LAYOUT PLAN



LAYOUT PLAN
SCALE 1:75



PILING LAYOUT PLAN



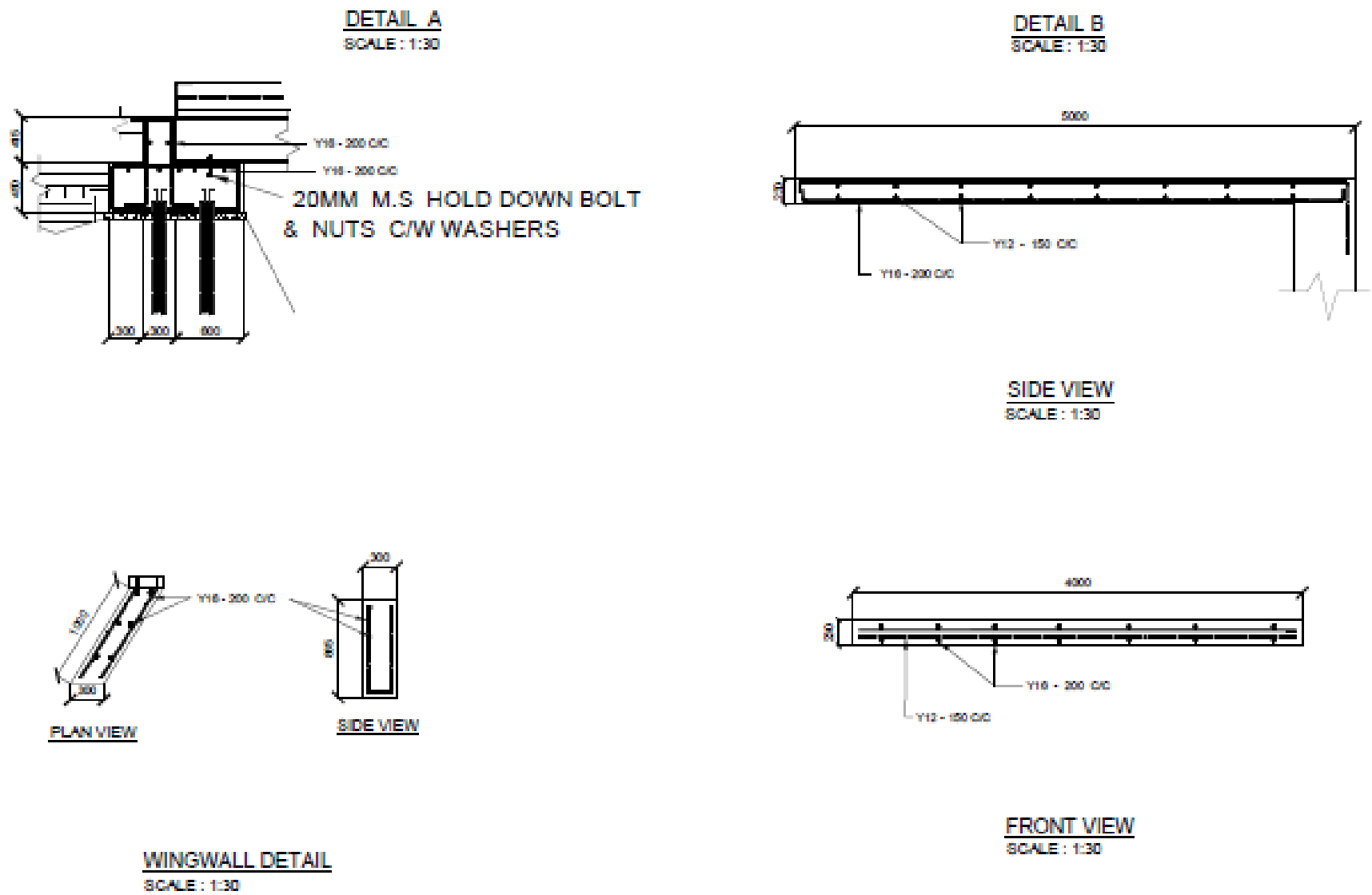
PILING LAYOUT PLAN

SCALE 1:50





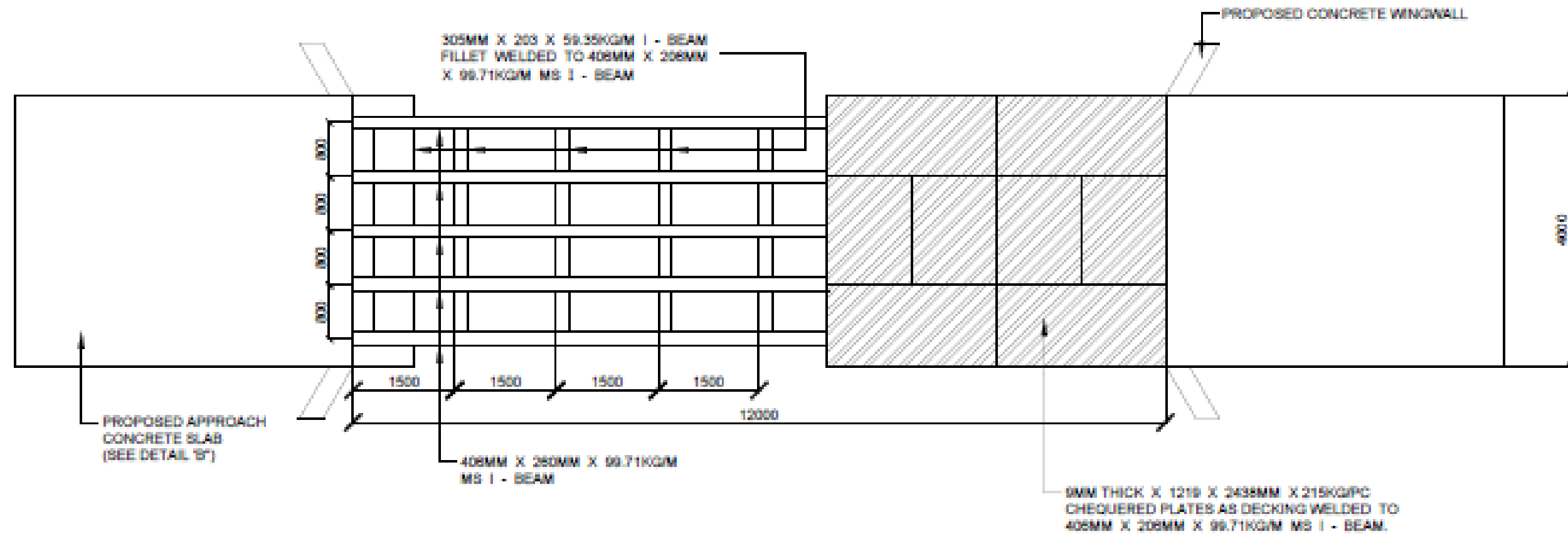
DETAIL PLAN



REBAR ARRANGEMENT DETAIL
SCALE 1:50



DETAIL I BEAM

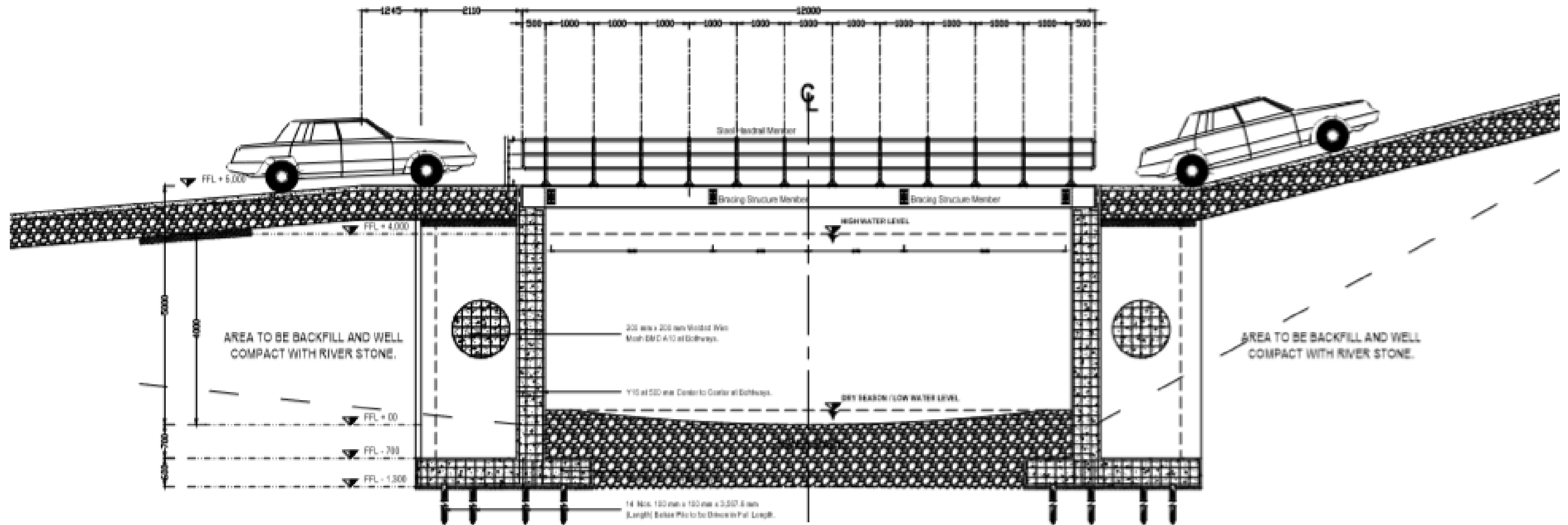


I - BEAM & CHEQUERED PLATE ARRANGEMENT

SCALE 1:75



SECTION CUT



DECKING / FLOOR KEY PLAN



SUMMARY OF TENDER
FOR
JAMBATAN (SIMPLE SINGLE SPAN)

Item	Scope of Works			Amount
1.	General and Preliminaries			
	1.1	Site Clearance and Earthwork	RM	44.45
	1.2	Site Preparation	RM	14,033.55
	1.3	Installation of project sign board	RM	500.00
	General and Preliminaries - b/f to Grand Summary		RM	14,078.00
2.	Piling Works (All Provisional) –Reinforced Concrete Square Piles		RM	20,770.00
	Piling Works – b/f to Grand Summary		RM	20,770.00
3.	Structure Bridge		RM	110,001.00
	Structure Bridge – b/f to Grand Summary		RM	110,001.00
4.	Provisional Sums			
	4.1	Allow for any other items or works not specifically mentioned but are deemed necessary for the satisfactory completion of works such as water pipe bursts, demolish existing structure or concrete slab, roof insulation (wire mesh, rock wool, aluminium sheet) or etc.	RM	15,000.00
	Provisional Sums – b/f to Grand Summary		RM	15,000.00
	Total		RM	160,349.00



SUMMARY OF PRICES FOR PILING WORKS

(To be completed in Ink and submitted together with the Form of Quotation)

ITEM	DESCRIPTION	QTY	UNIT	RATE (RM)	AMOUNT (RM)
	Piling Works (All Provisional)				
	<u>150mm X 150mm Reinforced Concrete Square Pile</u> (To Class M, MS1314: 2004)				
A	Supply, handle & pitch 150mm x 150mm initial pile 6.00m length.	84.00	M	39.00	3,276.00
B	Supply, handle & pitch 150mm x 150mm extension pile 3.00m length.	42.00	M	18.00	756.00
C	Drive to set 150mm x 150mm pile.	126.00	M	7.00	882.00
D	Cut off pile.	14	NO	17.00	238.00
E	Butt weld connection 0.60m girth between edge of and including mild steel extension head, base cap plates, bar etc and including coated heavily with bituminous compound for jointing 150mm x 150mm R.C. piles.	14	NO	30.00	420.00
	<u>150mm X 150mm Reinforced Concrete Square Raker Pile</u>				
F	Supply, handle & pitch 150mm x 150mm initial raker pile 12.00m length.	120.00	M	77.00	9,240.00
G	Drive to set 150mm x 150mm pile as raker piles.	120.00	M	15.00	1,800.00
H	Cut off pile.	10	NO	17.00	170.00
J	Butt weld connection 0.60m girth between edge of and including mild steel extension head, base cap plates, bar etc and including coated heavily with bituminous compound for jointing 150mm x 150mm R.C. piles.	10	NO	30.00	300.00
Total carried forward (RM)					17,082.00

SUMMARY OF PRICES FOR PILING WORKS



ITEM	DESCRIPTION	QTY	UNIT	RATE (RM)	AMOUNT (RM)
	Piling Works (All Provisional) (Cont'd)				
	Total Carried Forward (RM)				17,082.00
	Testing				
A	To carry out all necessary lab test which to be decided by the Engineer or his representative from time to time as specific required.				
	i) FDT (Field Density Test) sub grade (200mm dia sand pouring cylinder).	5	ITEM	200.00	1,000.00
	ii) Dynamic Cone Penetration Test.	5	ITEM	200.00	1,000.00
	iii) FDT (Field Density Test) sub base (200mm dia sand pouring cylinder).	5	ITEM	200.00	1,000.00
	iv) Mobilization for field testing.	1	ITEM	688.00	688.00
Total carried forward (RM)					20,770.00

Notes: Estimation based on site condition.