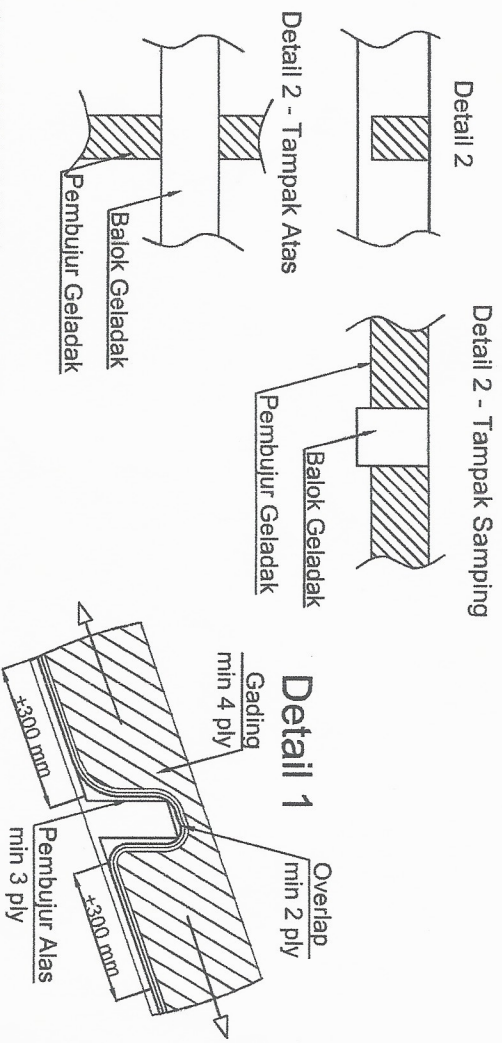
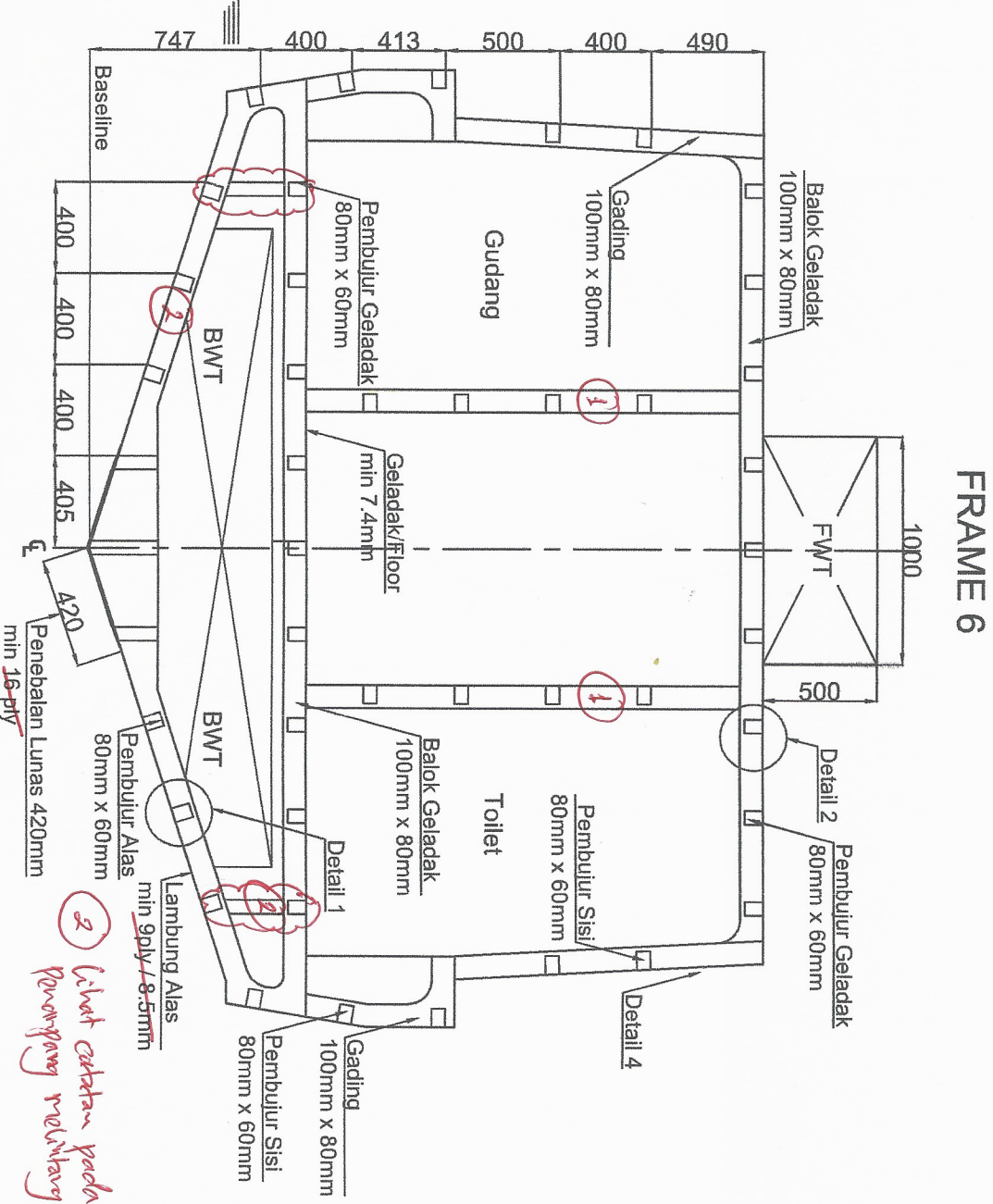
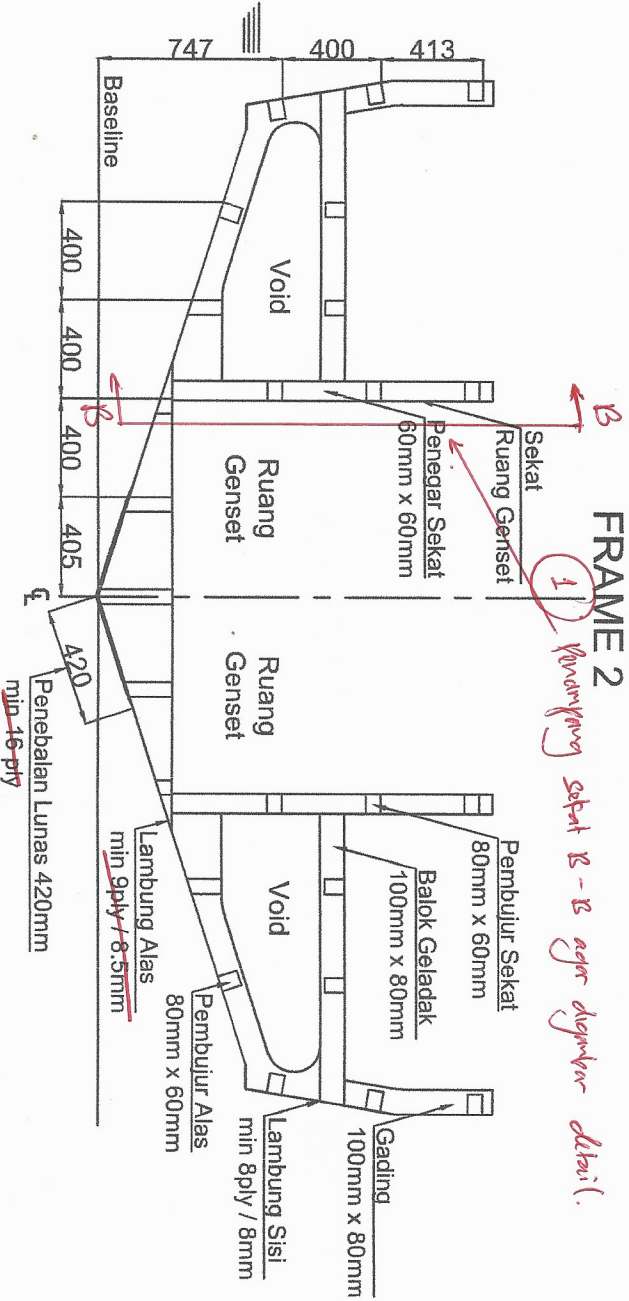


Part	Material	Layer
I. HULL		
1. Keel Plate	G + 8M300 + 7M450 + 3WR600 + 3WR800	4-16 Ply
2. Bottom Plate	G + 3M300 + 2M450 + 2WR600 + 2WR800	11-9 Ply
3. Shell Plate	G + 2M300 + 3M450 + 2WR600 + WR800	8 Ply
II. DECK		
1. Deck Plate	G + 4M450 + 2WR600 + 2WR800	8 Ply
III. BULKHEAD		
1. Single Skin	3M300 + 3M450 + 3WR600	9 Ply
2. Stiffener (IT - 60mm x 60mm)	2M450 + WR600	3 Ply
IV. FRAMES		
1. Transverse (IT - 100mm x 80mm)	2M450 + WR600 + WR800 + Overlap 2 Ply *	(4) 6 Ply
2. Side Longitudinal (IT - 80mm x 60mm)	2M450 + 4WR600 + Overlap 2 Ply *	(4) 5 Ply
3. Girders (IT - 80mm x 60mm)	2M450 + 4WR600 + Overlap 2 Ply *	(4) 5 Ply
4. Floors	M300 + 2M450 + 2WR600 + 2WR800	7 Ply
5. Transverse Beam (IT - 100mm x 80mm)	2M450 + WR600 + WR800 + Overlap 2 Ply *	(4) 6 Ply
6. Longitudinal Beam (IT - 80mm x 60mm)	3M300 + WR600 + WR800 + Overlap 2 Ply *	(5) 7 Ply
V. TANK		
1. Tank (IT - 80mm x 60mm)	4M450 + 2WR600	6 Ply
VI. SUPERSTRUCTURE		
1. Shell Laminates	3M450 + 2WR600	5 Ply
2. Stiffener (IT - 80mm x 60mm)	2M300 + 2M450 + WR600	5 Ply

SIMBOL	MATERIAL
G	GELCOAT ( 500 gr/m <sup>2</sup> )
M300	CHOPPED STRAND MAT 300 ( 300 gr/m <sup>2</sup> )
M450	CHOPPED STRAND MAT 450 ( 450 gr/m <sup>2</sup> )
WR600	WOVEN ROVING 800 ( 600 gr/m <sup>2</sup> )
WR800	WOVEN ROVING 800 ( 800 gr/m <sup>2</sup> )



Penebalan Lunas	= 16 ply	Penampang gading (face)	= 100 mm	Penampang pembujur alas (face)	= 80 mm	Balok geladak (face)	= 100 mm	Sekat/Wrang	= 9 ply
Penebalan laminasi Lunas	= 12 ply	Penampang gading (web)	= 80 mm	Penampang pembujur alas (web)	= 60 mm	Balok geladak (web)	= 80 mm	Penegar sekat (face)	= 60 mm
Lambung alas	= 9 ply	Gading	= 4 ply	Pembujur Alas	= 3 ply	Balok geladak	= 4 ply	Penegar sekat (web)	= 60 mm
Lambung sisi	= 8 ply	Penampang pembujur geladak (face)	= 80 mm	Penampang pembujur sisi (face)	= 80 mm	Balok geladak	= 80 mm	Side girder	= 8 ply
Geladak bangunan atas	= 8 ply	Penampang pembujur geladak (web)	= 60 mm	Penampang pembujur sisi (web)	= 60 mm	Pembujur geladak	= 60 mm	Dinding bangunan atas	= 5 ply
Geladak cuaca	= 8 ply	Pembujur Geladak	= 4 ply	Pembujur sisi	= 3 ply	Pembujur geladak	= 5 ply	Penegar dinding bangunan atas	= 5 ply



UNIT PENGELOLAAN ANGKUTAN  
PERAIRAN DAN KEPELABUHAN  
DINAS PERHUBUNGAN  
PROVINSI DKI JAKARTA

DIKETAHUI:

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PEKERJAAN JASA KONSULTANSI  
PERENCANAAN (PLANNING)  
KAPAL SPEED BOAT  
TAHUN ANGGARAN 2018

KONSULTAN PERENCANAAN  
PT. SEATECH INDONESIA

SUKISNO ST., MRINA  
Direktur Utama

POTONGAN MELINTANG

Tahun Anggaran	Skala Gambar	Nomor Lembar	Jumlah Lembar
2018	1 : 30	2	2