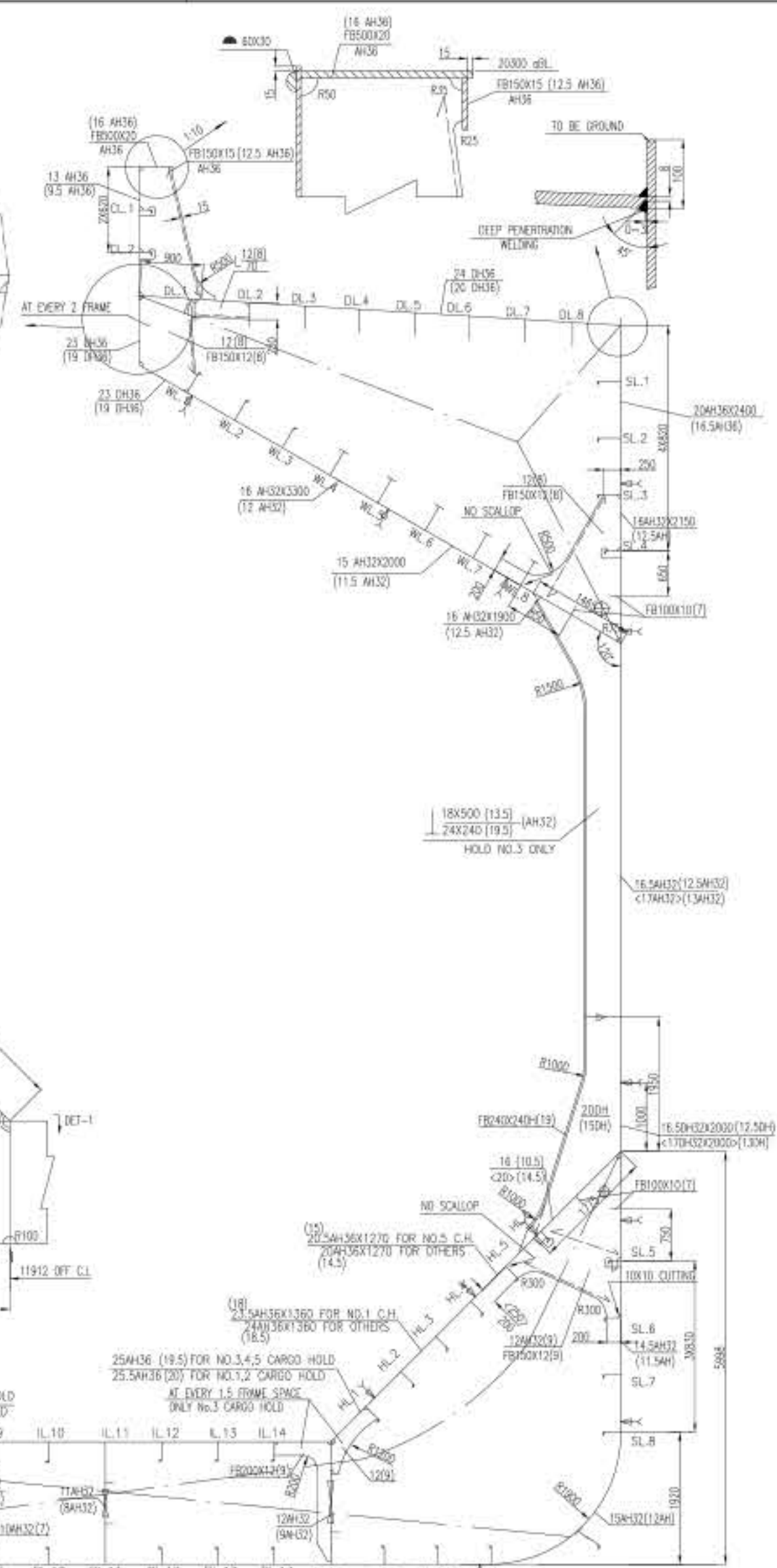
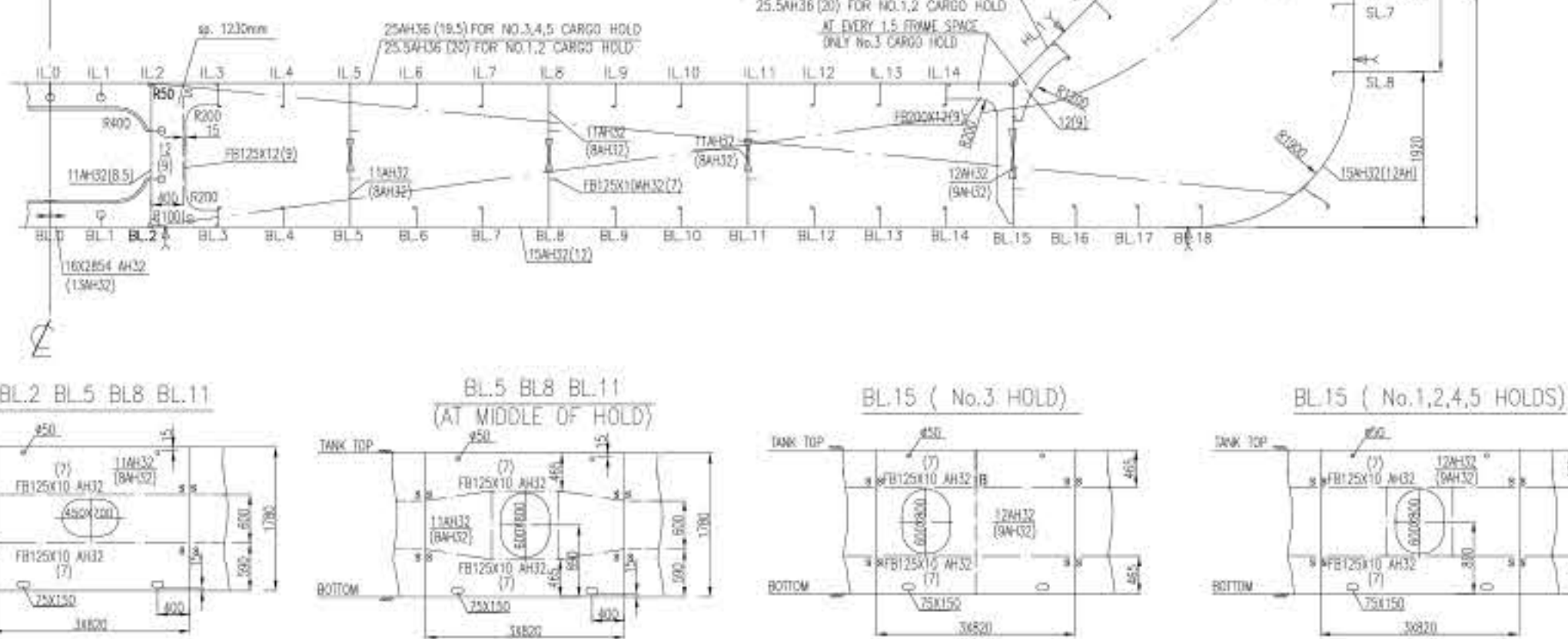
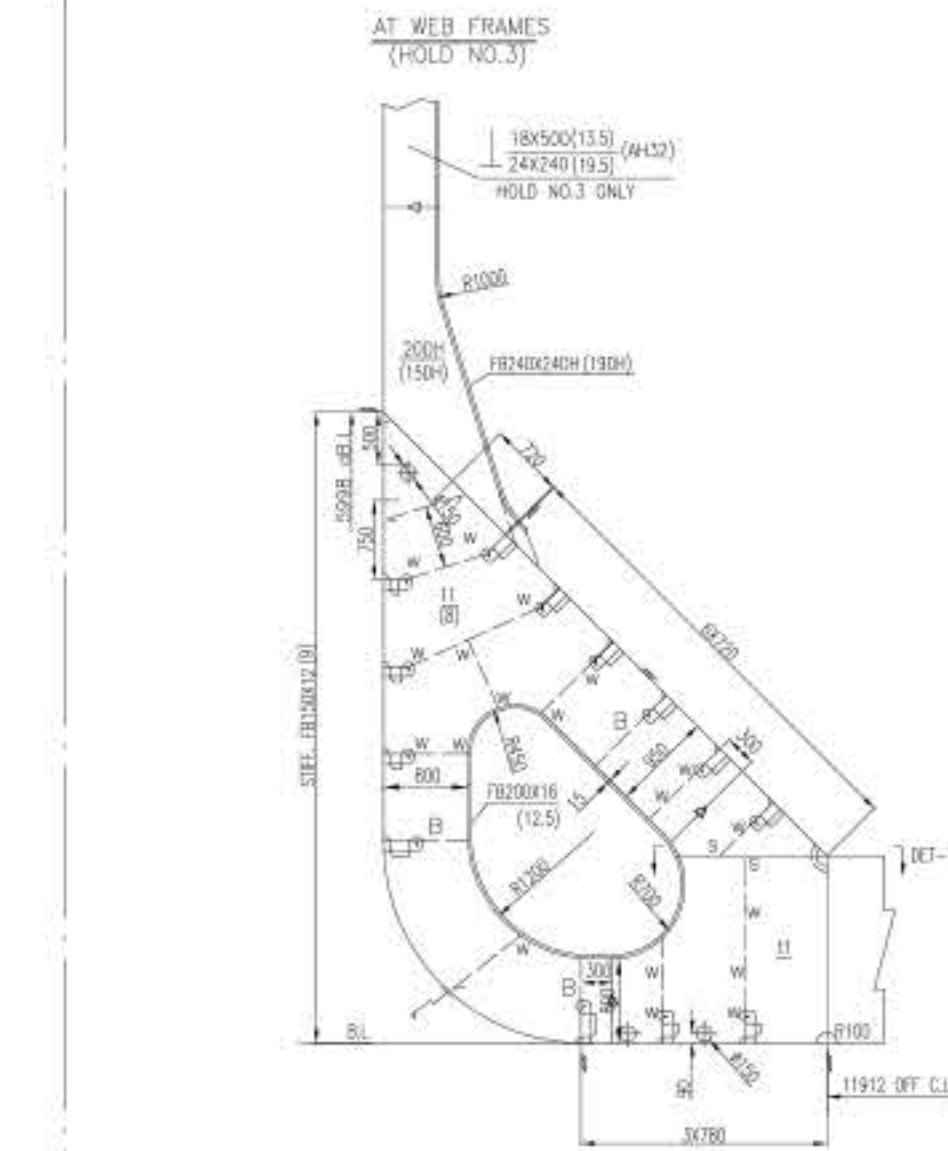
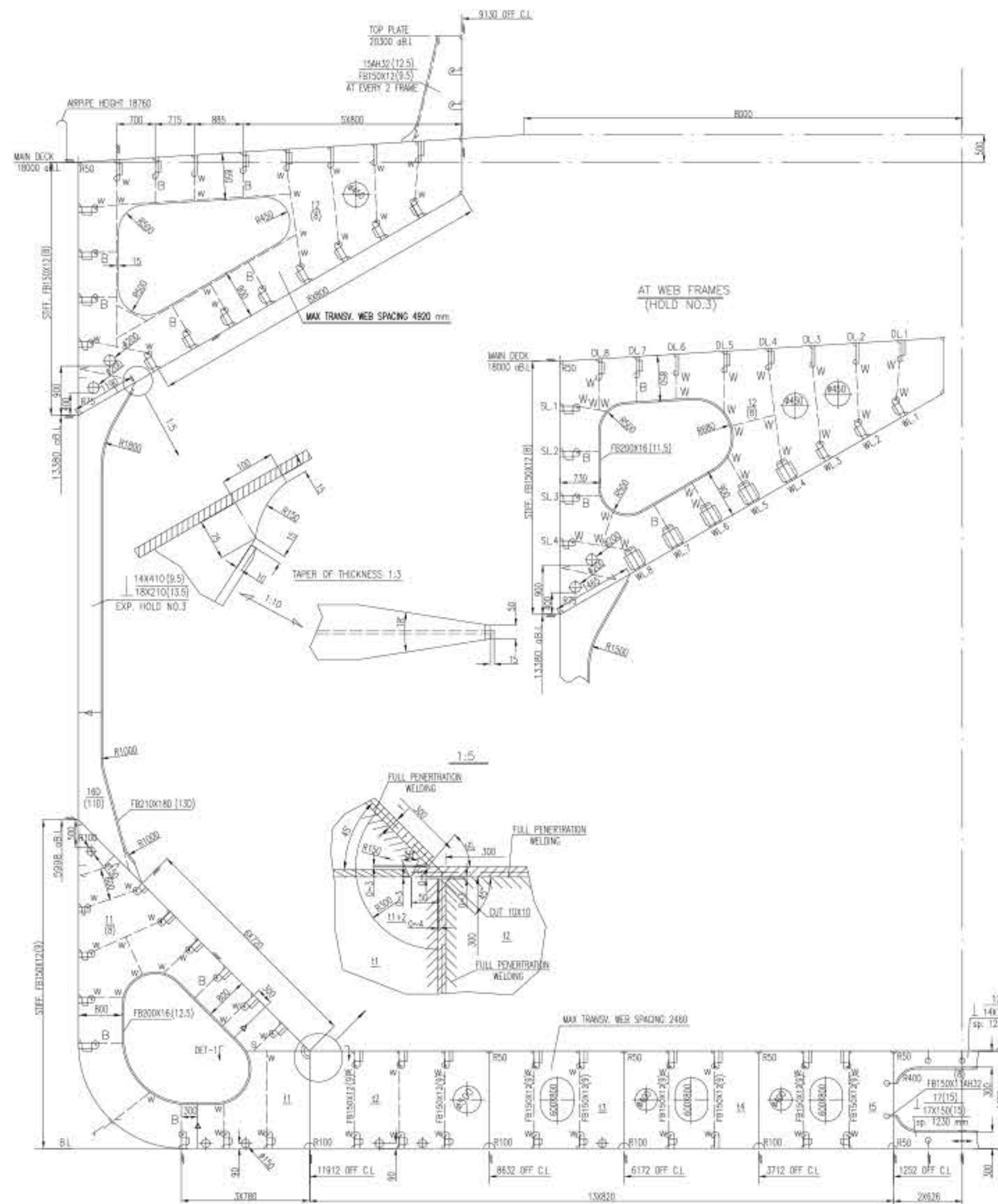
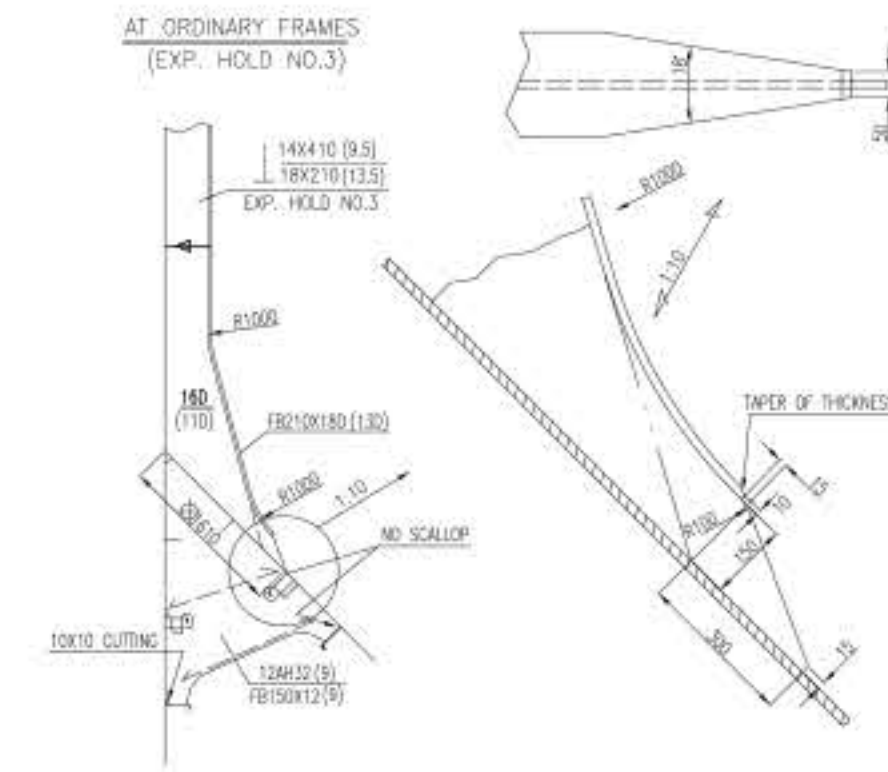




LONGITUDINAL SCANTLING			
NOTE: THE REMAINING THICKNESS OF LONGITUDINALS WOULD BE INDICATED ON DETAIL STRUCTURE DRAWINGS			
BOTTOM	BL.0	L8X300/10X150 AH32	CL.1-2 HP180X9 AH32 DL.1~8 FB340X25 AH36
	BL.1	FB150X12 AH32	
	BL.3~14	HP240X12 AH32	
	BL.16~18	HP260X11 AH32	
INNER BOTTOM	IL.0,1	FB180X12AH36 FOR NO.1 C.H. FB160X11BAH36 FOR OTHERS	WL.1~3 [HP320X12AH36] [HP340X14 AH36] WL.4~8 [HP320X12 AH36] [HP320X12 AH36] <DX380/1E150 FOR 1/3>
	IL.3~14	FB300X12AH36 FOR NO.1,4,5 C.H. FB340X12AH36 FOR NO.1,2 C.H.	
	SL.1~3	HP320X12 AH36	
	SL.4	HP240X12 AH36	
SIDE SHELL	SL.5	HP180X10 AH32	HL.1~4 HP320X12AH36 FOR NO.2,3,4 C.H. HP340X12AH36 FOR NO.1,5 C.H. HL.5 HP280X11AH36 FOR NO.2,3,4 C.H. HL.6 HP180X10 AH32
	SL.6	HP240X10 AH32	
	SL.6~8	HP240X10 AH32	
	SL.6~8	HP240X10 AH32	

REMARKS
[] ---No.2 & No.4 CARGO HOLD
<>---No.3 CARGO HOLD ONLY
The floor plate ** to be decided by FEM analysis
F.P: FULL PENETRATION WELDING
NOTES:
ALL SCANTLING MARKED 'AH' & 'DH' TO BE AH32/DH32.
ALL SCANTLING WITHOUT STAIN TO BE MILD STEEL.
ALL SCANTLING ARE SUBJECT TO CLASS APPROVAL
FRAME SPACE IN WAY OF CARGO HOLD IS 820MM.
PLATE THICKNESS WITH 'J' ---RENEWAL THICKNESS OF PLATE.
PLATE THICKNESS WITHOUT 'J' ---BUILT THICKNESS OF PLATE.



PRINCIPAL PARTICULARS

LENGTH	SCANTLING	182.52 m
LENGTH	B.P.	185.00m
BREADTH		32.26 m
DEPTH		18.0 m
SCANTLING DRAFT	(MOULD)	12.8 m
CAMBER		0.50 m
Cb(MOULD)		0.876
SERVICE SPEED		14.2 Kts
LOAD ON INNER BOTTOM (MAX)	IN NO.1,3&5 HOLDS IN NO.2&4 HOLDS	25 t/m ² 20 t/m ²

DESIGN MAX. SWBM: 1750000 KN*m(Hogging Intact)
-1220000 KN*m(Sagging Intact)
2260000 KN*m(Hogging Flooding)
-2400000 KN*m(Sagging Flooding)

CLASS NK NS*(CSR, BC-A, BC-XII, GRAB [20]) (ESP)
Descriptive Note: Strengthened for heavy cargo
loading where holds NO. 2 & 4 may be empty
MNS* (MO) (PSCM) IWS IHM

STEEL COIL LOADING : 25 tonnes 2 TIERS. L=1.6m
5 DUNNAGE SUPPORTING ONE STEEL COIL

FLOOR SCANTLING (NO.3 CARGO HOLD)													
FLOOR PLATE		FR112	FR115	FR118	FR121	FR124	FR127	FR130	FR133	FR136	FR139	FR142	FR145
BOTTOM FLOOR	11	14	14	14	16	16	16	16	16	14	14	-	-
	(11)	(11)	(11)	(11)	(13)	(13)	(13)	(13)	(13)	(11)	(11)	-	-
	12	13AH32	14AH32	17AH32	19AH32	20AH32	20AH32	19AH32	17AH32	14AH32	13AH32	18	18
	(10AH32)	(11AH32)	(14AH32)	(16AH32)	(17AH32)	(17AH32)	(16AH32)	(14AH32)	(11AH32)	(10AH32)	(15AH32)	(15)	(15)
	12	12AH32	14AH32	15AH32	16AH32	16AH32	16AH32	14AH32	12AH32	12	18	18	
	(9)	(9AH32)	(11AH32)	(12AH32)	(13AH32)	(13AH32)	(12AH32)	(11AH32)	(9AH32)	(9)	(15)	(15)	
	14	12	12	13AH32	14AH32	14AH32	14AH32	13AH32	12	12	18	18	
	(9)	(9)	(10AH32)	(11AH32)	(11AH32)	(11AH32)	(10AH32)	(9)	(9)	(15)	(15)	(15)	
	15	12	12	12	12	12	12	12	12	12	22	22	
	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(19)	(19)	(19)

FLOOR SCANTLING (No.2.4 CARGO HOLD)															
FLOOR PLATE		FR74 FR148	FR77 FR151	FR80 FR154	FR83 FR157	FR86 FR160	FR89 FR163	FR92 FR166	FR95 FR169	FR98 FR172	FR101 FR175	FR103 FR177	FR106 FR180	FR109 FR183	
BOTTOM FLOOR	11	14	14	14	14	16	16	16	16	14	14	14	—	—	
		(11)	(11)	(11)	(11)	(13)	(13)	(13)	(13)	(11)	(11)	(11)	—	—	
	12A/13C	13A/13C	15A/13C	16A/13C	17A/13C	17A/13C	17A/13C	16A/13C	15A/13C	15A/13C	12A/13C	16	18	18	
		(9A/13C)	(12A/13C)	(13A/13C)	(14A/13C)	(14A/13C)	(14A/13C)	(13A/13C)	(12A/13C)	(10A/13C)	(9A/13C)	(15)	(15)	(15)	
	13	12	12A/13C	13A/13C	15A/13C	15A/13C	15A/13C	15A/13C	13A/13C	12A/13C	12	16	18	18	
		(9)	(9A/13C)	(10A/13C)	(12A/13C)	(12A/13C)	(12A/13C)	(12A/13C)	(10A/13C)	(9A/13C)	(10A/13C)	(15)	(15)	(15)	
	14	12	12	13	13A/13C	14A/13C	14A/13C	14A/13C	13A/13C	15	12	12	18	18	
		(9)	(9)	(10)	(10A/13C)	(11A/13C)	(11A/13C)	(11A/13C)	(10A/13C)	(10)	(9)	(9)	(15)	(15)	
	15	12	12	12	12	12	12	12	12	12	12	12	18/22	18/22	18/22
		(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(15/19)	(15/19)	(15/19)

[illegible]