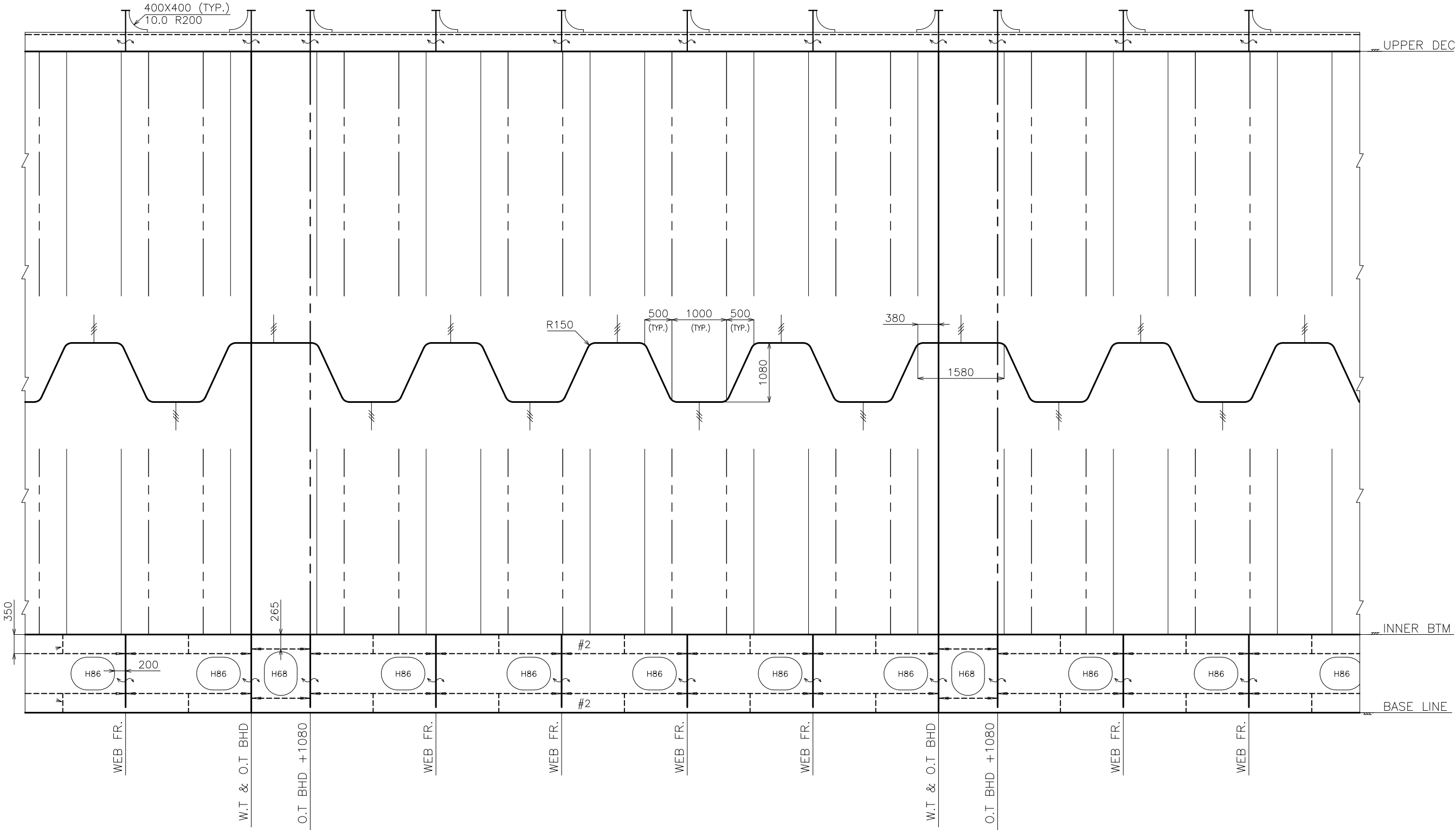


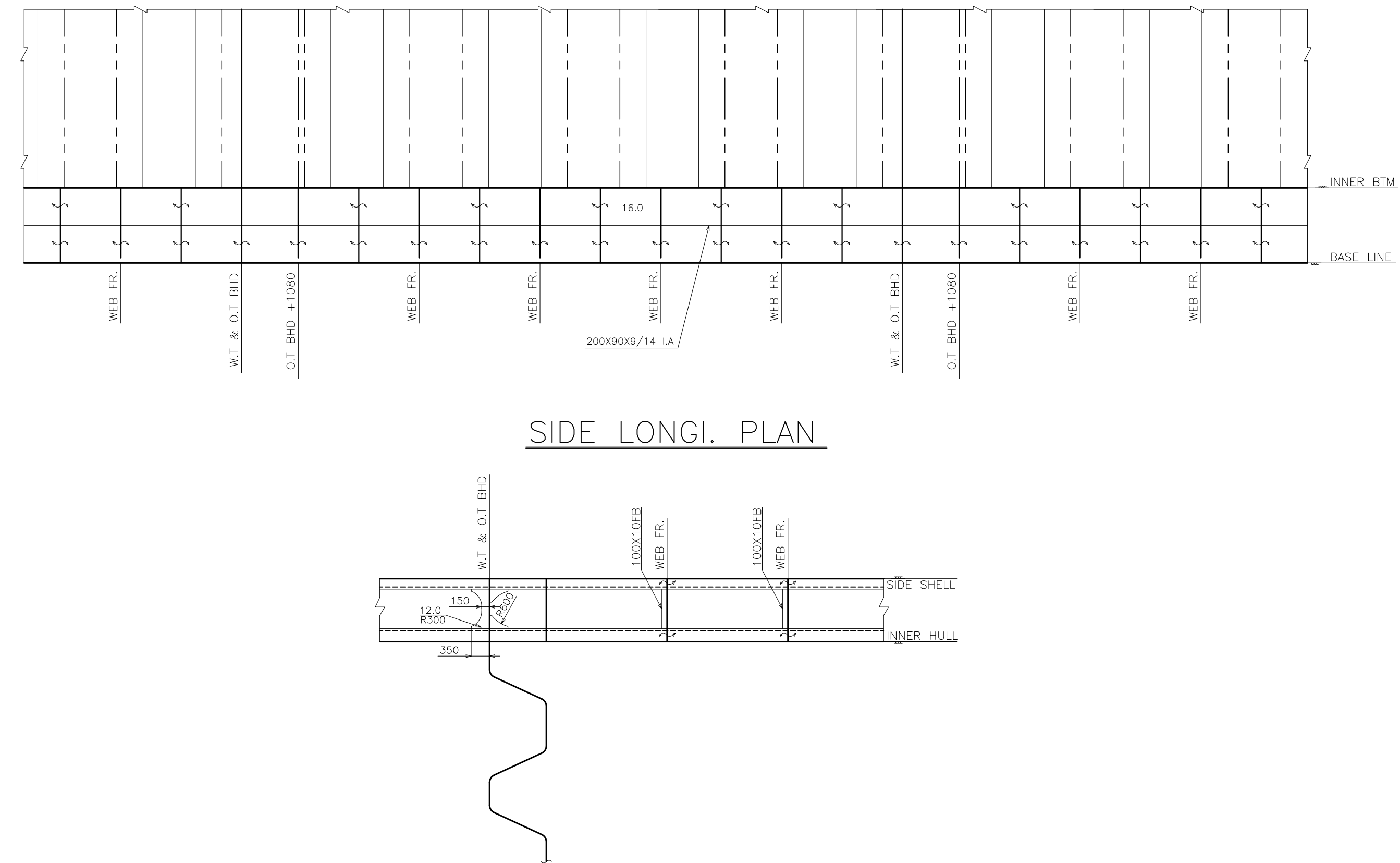
540 OFF C.L ELEV. (P)

CORRUGATED BULKHEAD THICKNESS : 21.0 (EX. AS SHOWN)
STIFFENER: 125X12.0 F.B(EX. AS SHOWN)



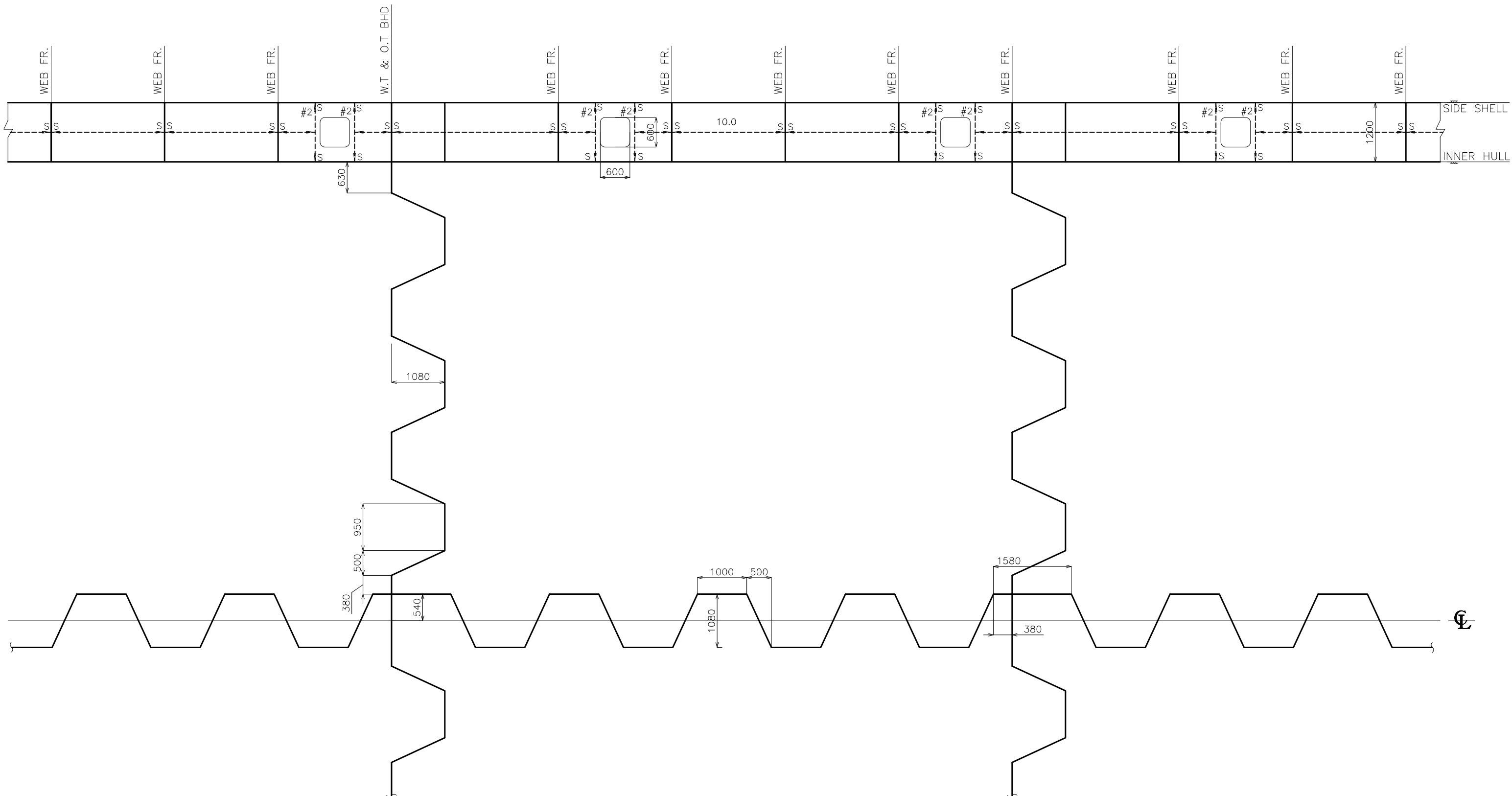
540 OFF C.L ELEV. (S)

CORRUGATED BULKHEAD THICKNESS : 21.0 (EX. AS SHOWN)



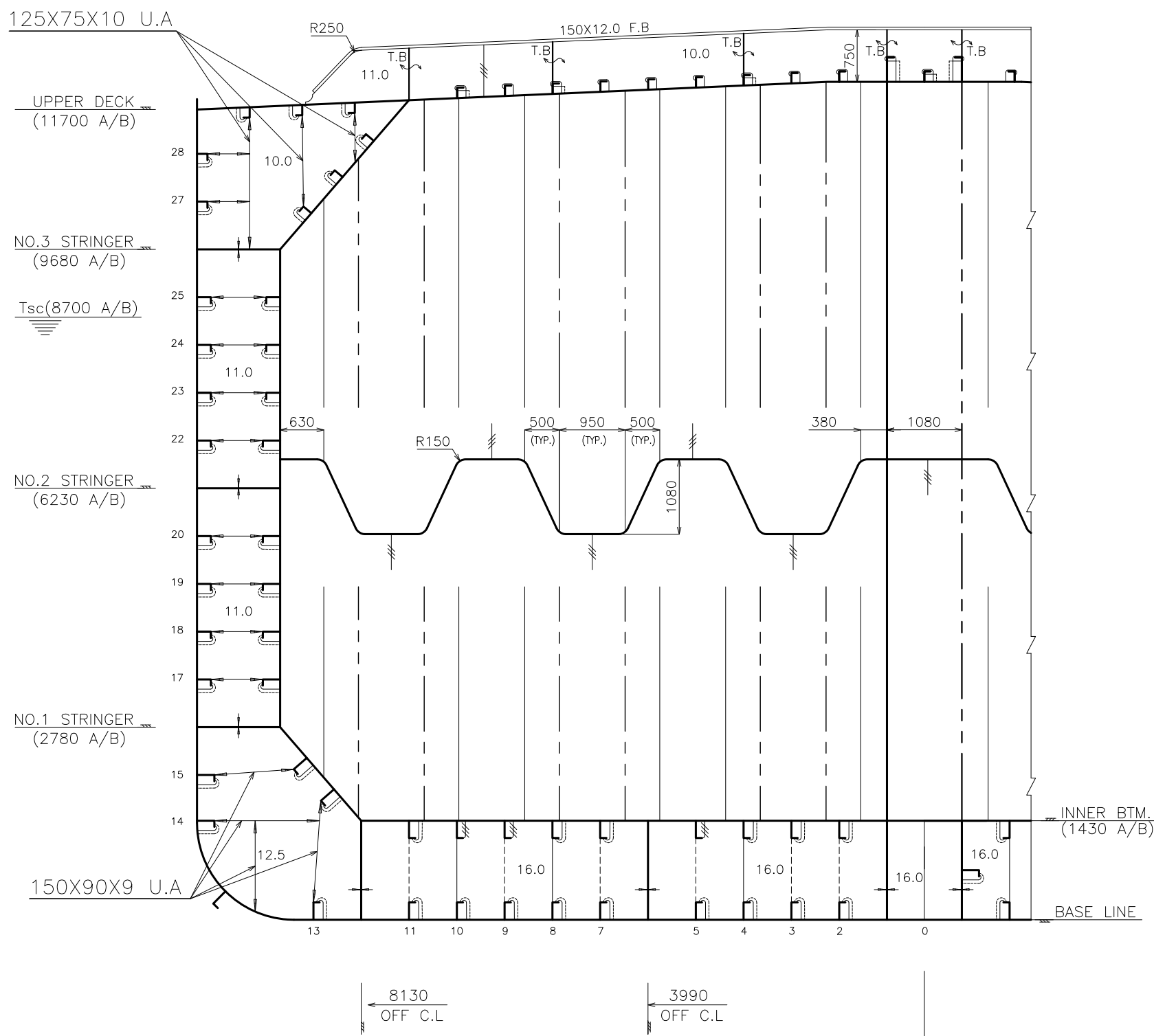
NO.2 STRINGER PLAN

STIFFENER: 100X10.0 F.B(EX. AS SHOWN)



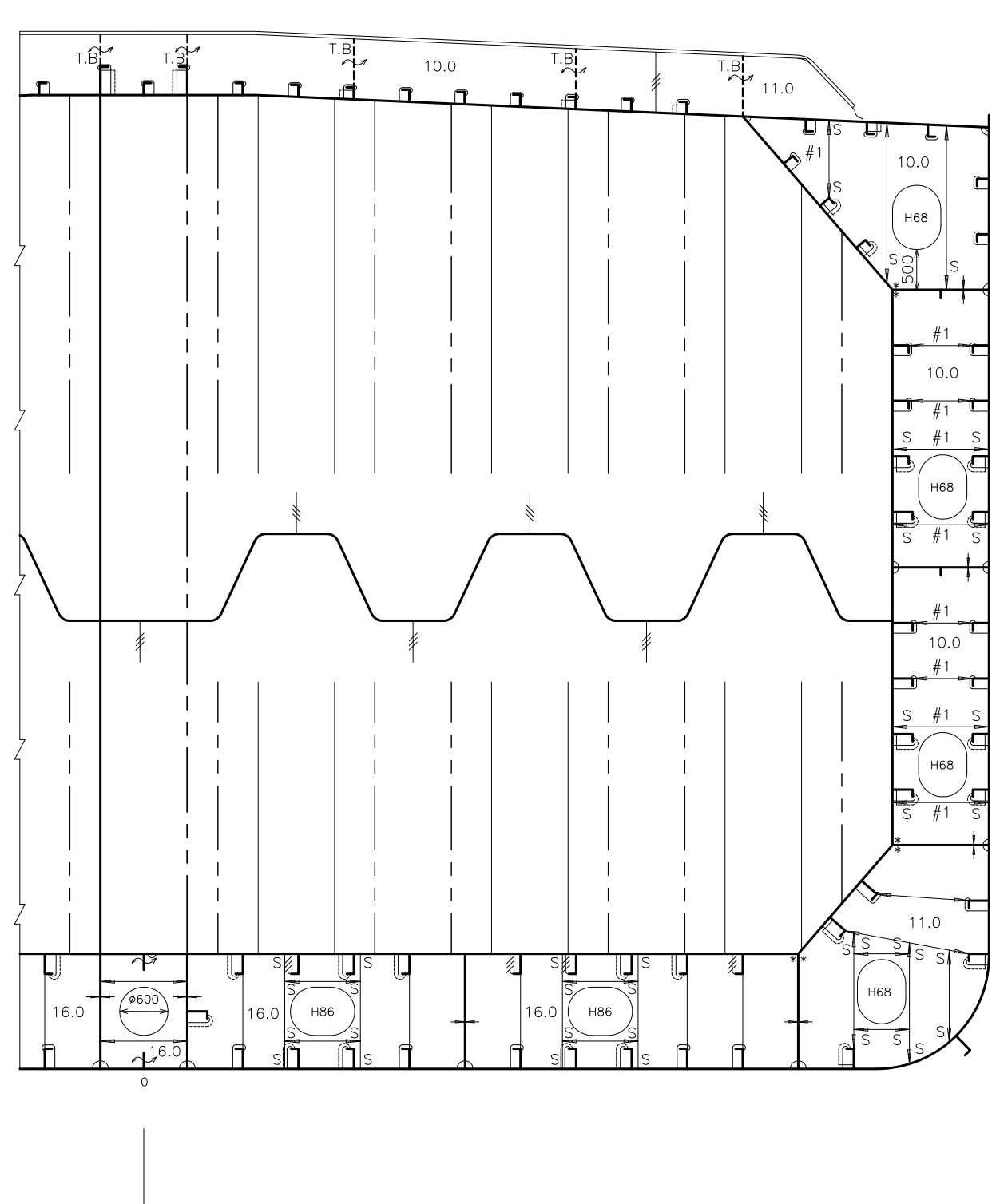
W.T & O.T BHD. SECTION

CORRUGATED BULKHEAD THICKNESS: 21.0 (EXCEPT AS SHOWN)
WEB STIFFENER: 125X11.0 F.B(EXCEPT AS SHOWN)

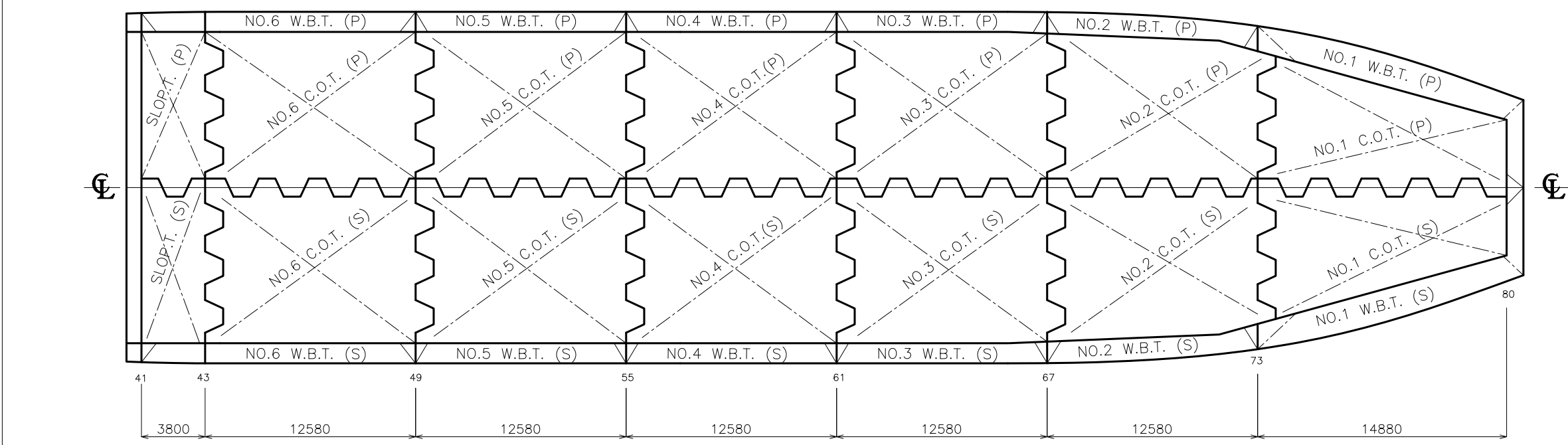


O.T BHD. +1080 SECTION

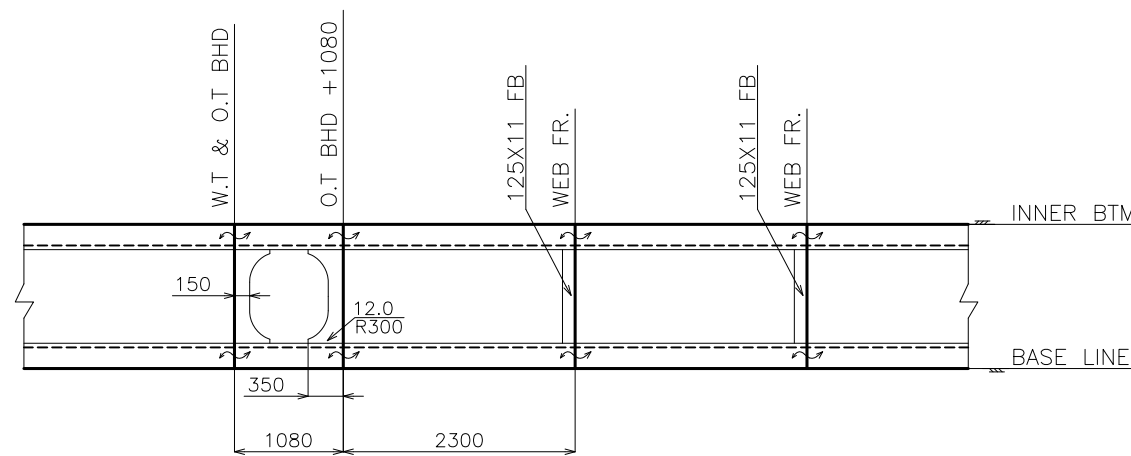
SIM. TO "W.T & O.T BHD. SECTION" (EXCEPT AS SHOWN)
WEB STIFFENER: 125X11.0 F.B(EXCEPT AS SHOWN)



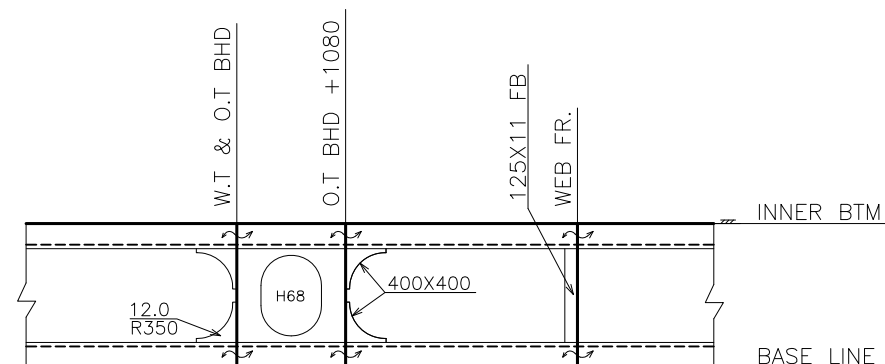
TANK ARRANGEMENT OF CARGO AREA



TYP. LONGI. ELEVATION

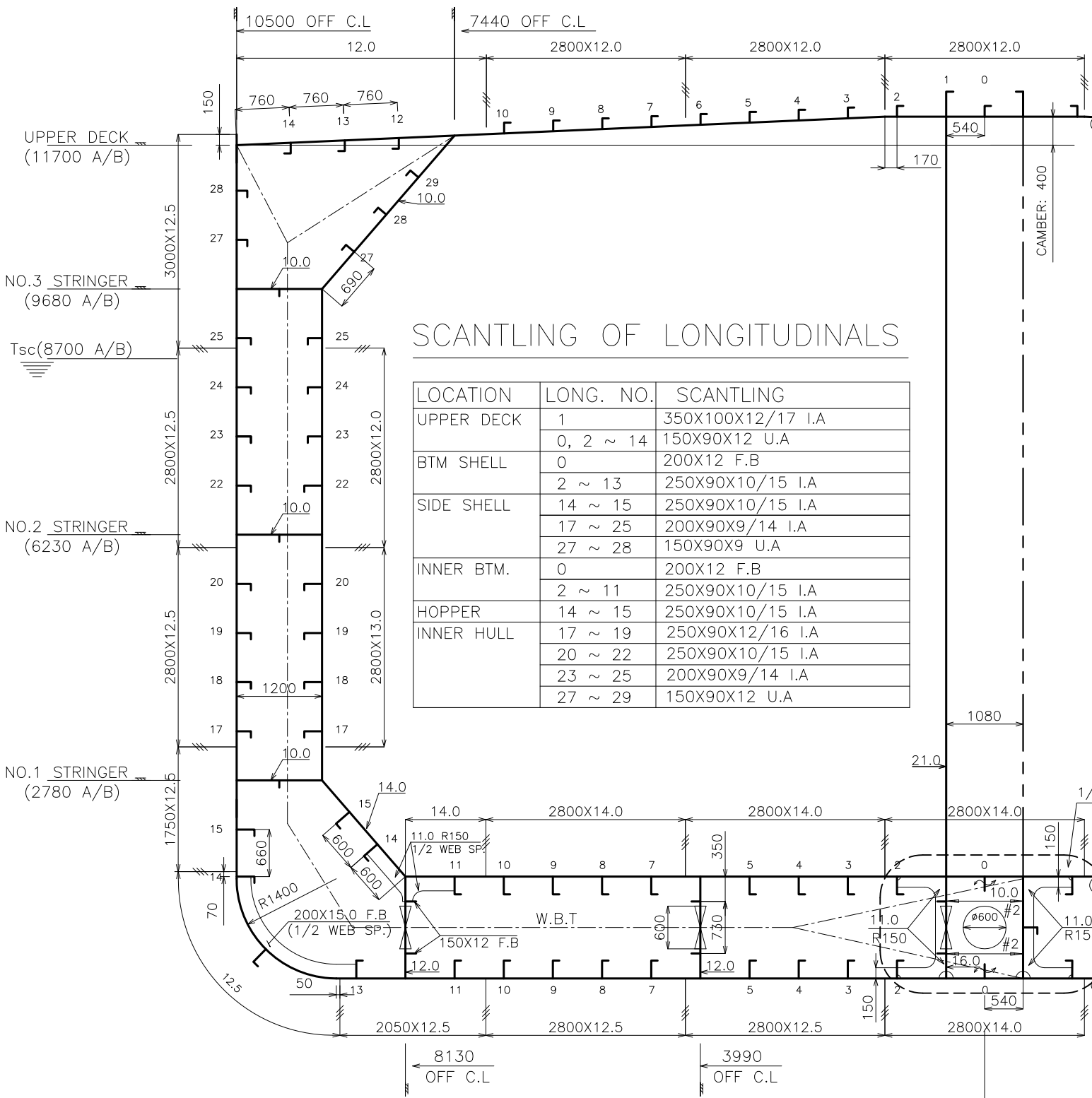


LONG. NO. 4, 8, 10 ELEVATION



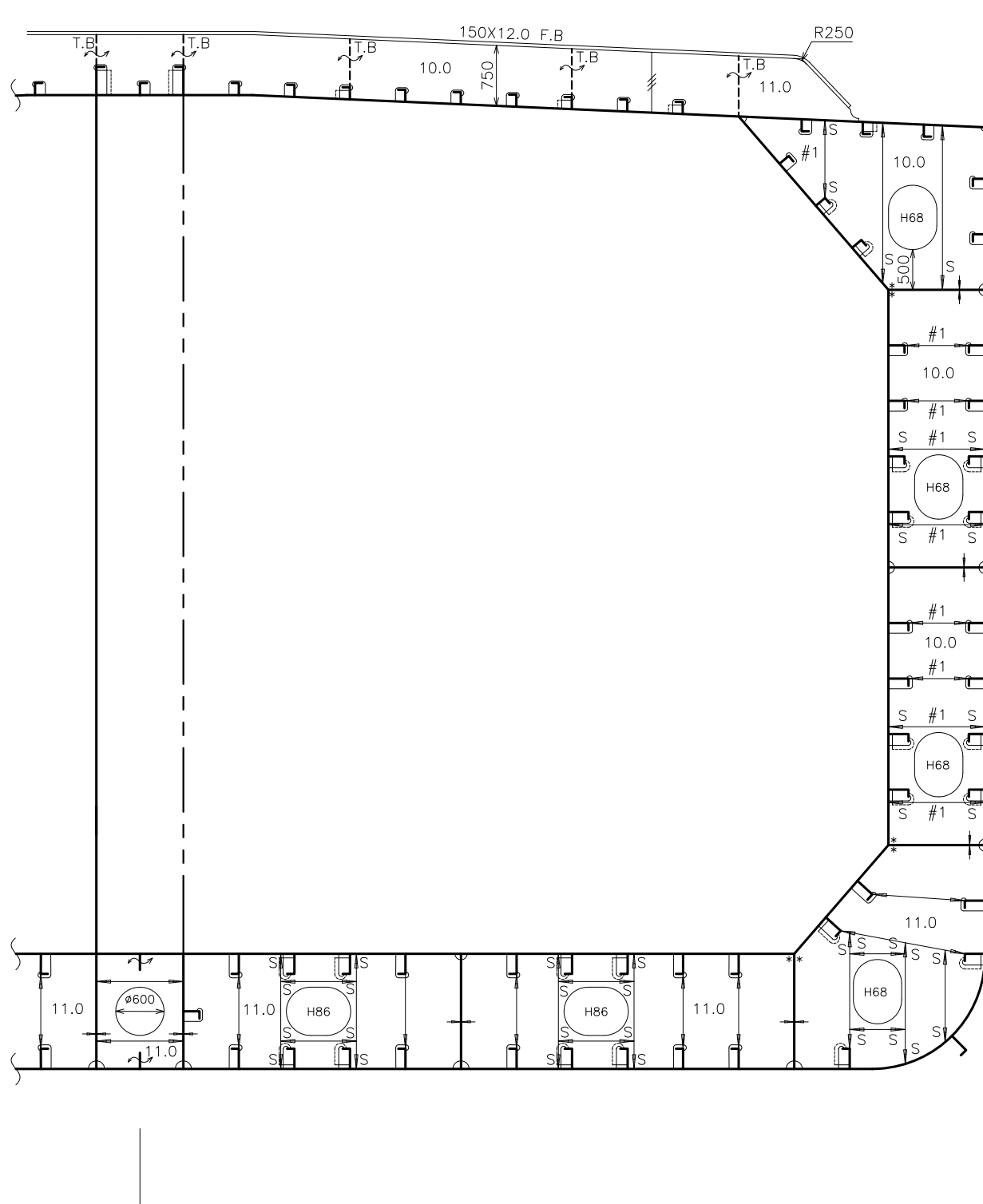
ORDINARY SECTION

LONGITUDINAL SPACE: 690 MM (EXCEPT AS SHOWN)



TYP. WEB FRAME SECTION

MAX. WEB FRAME SPACE: 2300 MM
WEB STIFFENER: 125X11.0 F.B(EXCEPT AS SHOWN)
* MARKED LOCATION: NO SCALLOP



SCANTLING OF LONGITUDINALS

LOCATION	LONG. NO.	SCANTLING
UPPER DECK	1	300X100X12/17 I.A
	2 ~ 14	150X90X12 I.A
BTM SHELL	0	200X12 F.B
	2 ~ 13	250X90X10/15 I.A
SIDE SHELL	14 ~ 15	250X90X10/15 I.A
	17 ~ 25	200X90X9/14 I.A
INNER BTM	27 ~ 28	150X90X9 U.A
	0	200X12 F.B
	2 ~ 11	250X90X10/15 I.A
HOPPER	14 ~ 15	250X90X10/15 I.A
INNER HULL	17 ~ 19	250X90X12/16 I.A
	20 ~ 22	250X90X10/15 I.A
	23 ~ 25	200X90X9/14 I.A
	27 ~ 29	150X90X12 I.A

PLAN HISTORY

REV. NO	DATE	DESCRIPTION	REMARK
0	2021.09.01	ISSUED FOR APPROVAL IN PRINCIPLE.	

PRINCIPAL DIMENSIONS

LENGTH O.A.	Appx. 128.00 M
LENGTH B.P.	120.00 M
LENGTH SCANT.(Ls)	119.80 M
BREADTH(MOULDED)	21.00 M
DEPTH(MOULDED)	11.70 M
SCANT. DRAFT(MOULDED)	8.70 M

CLASSIFICATION

MAX. ALLOWABLE STILLWATER BENDING MOMENT

HOGGING : 408,000 KN-M
SAGGING : 408,000 KN-M

NOTES

- BOTH SIDES ARE SYMMETRICAL UNLESS OTHERWISE SHOWN.
- THE PLANS, SECTIONS AND ELEVATIONS ARE SHOWN IN LOOKING DOWNWARD, FORWARD AND PORT RESPECTIVELY.
- LOCATIONS OF SEAMS AND BLOCK BUTT LINES MAY BE MODIFIED AND/OR ADDED WHERE NECESSARY FOR CONSTRUCTION.
- SCANTLING MAY BE ALTERED ACCORDING TO FURTHER DESIGN DEVELOPMENT SUBJECT TO THE CLASS APPROVAL.
- MATERIAL
 - NO MARKED : MILD STEEL GRADE "A" OF MIN. YIELD STRESS 235 N/MM²
- WELDING
 - MIN. LEG LENGTH OF FILLET WELDING TO BE 4.5 (EXAS SHOWN)
- STIFFENER END CONNECTION
 - NO MARKED : WELDING CONNECTION
 - MARKED B : BRACKET CONNECTION
 - MARKED S : END SNIP
- STIFFENER SIZE
 - MARKED #1 : 100X10.0 F.B
 - MARKED #2 : 125X11.0 F.B
- HOLE SIZE
 - H68 : 600X800
- THE DRAIN HOLE IS NOT REPRESENTED IN THIS DRAWING

본 도면은 대한민국 정부의 "중형선박 설계경쟁력 강화사업"의 일환으로 작성된 문서입니다.

MANAGER	G.D.OK	DATE : 2021.09.01	SCALE
APPROVED	U.N.KIM	LNG FUELED 13K CLASS CHEMICAL TANKER	1/75
CHECKED	S.M.JEON		TEAM
DRAWN	S.J.BAEK	MIDSHIP SECTION	HULL BASIC
TEL.	051-260-7811		REV. 0



중형선박설계사업단