

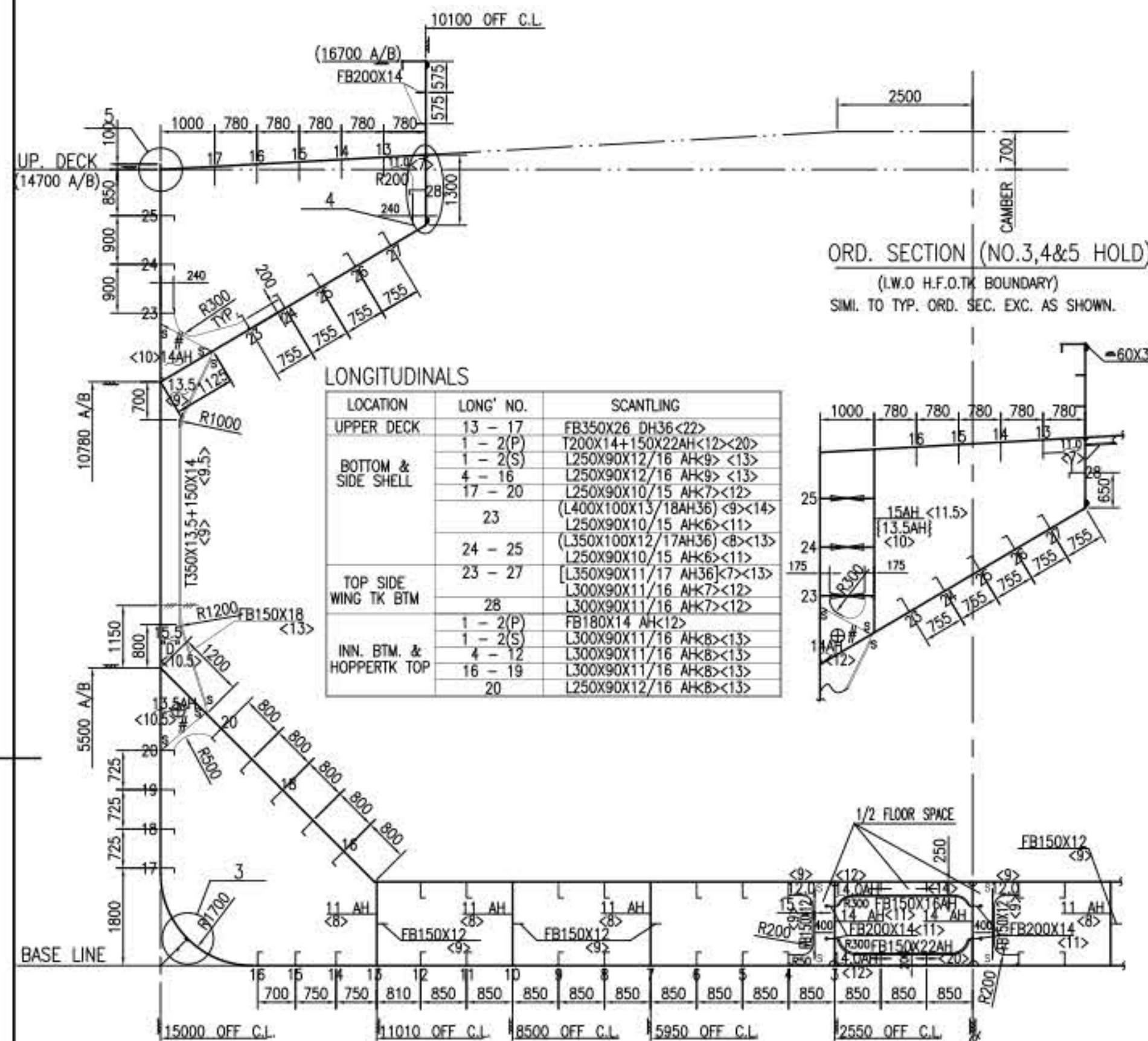
PRINCIPAL DIMENSIONS

LENGTH OVERALL (Loa)	approx. 179.99 m
LENGTH BETWEEN PERPENDICULARS (Lbp)	172.00 m
LENGTH SCANT.	170.48 m
BREADTH, MOULDED (B)	30.00 m
DEPTH, MOULDED (D)	14.70 m
DESIGNED DRAFT, MOULDED (d)	9.50 m
SCANTLING DRAFT, MOULDED (ds)	10.10 m

CLASSIFICATION

NK (Nippon Kaiji Kyokai)
 NS*(CSR,BC-A,BC-XII,GRAB 20)(PSPC-WBT)(ESP)(WS)(PSCM)(IHM)
 MNS* MO Strengthened for heavy cargo loading
 where hold nos. 2 & 4 may be empty

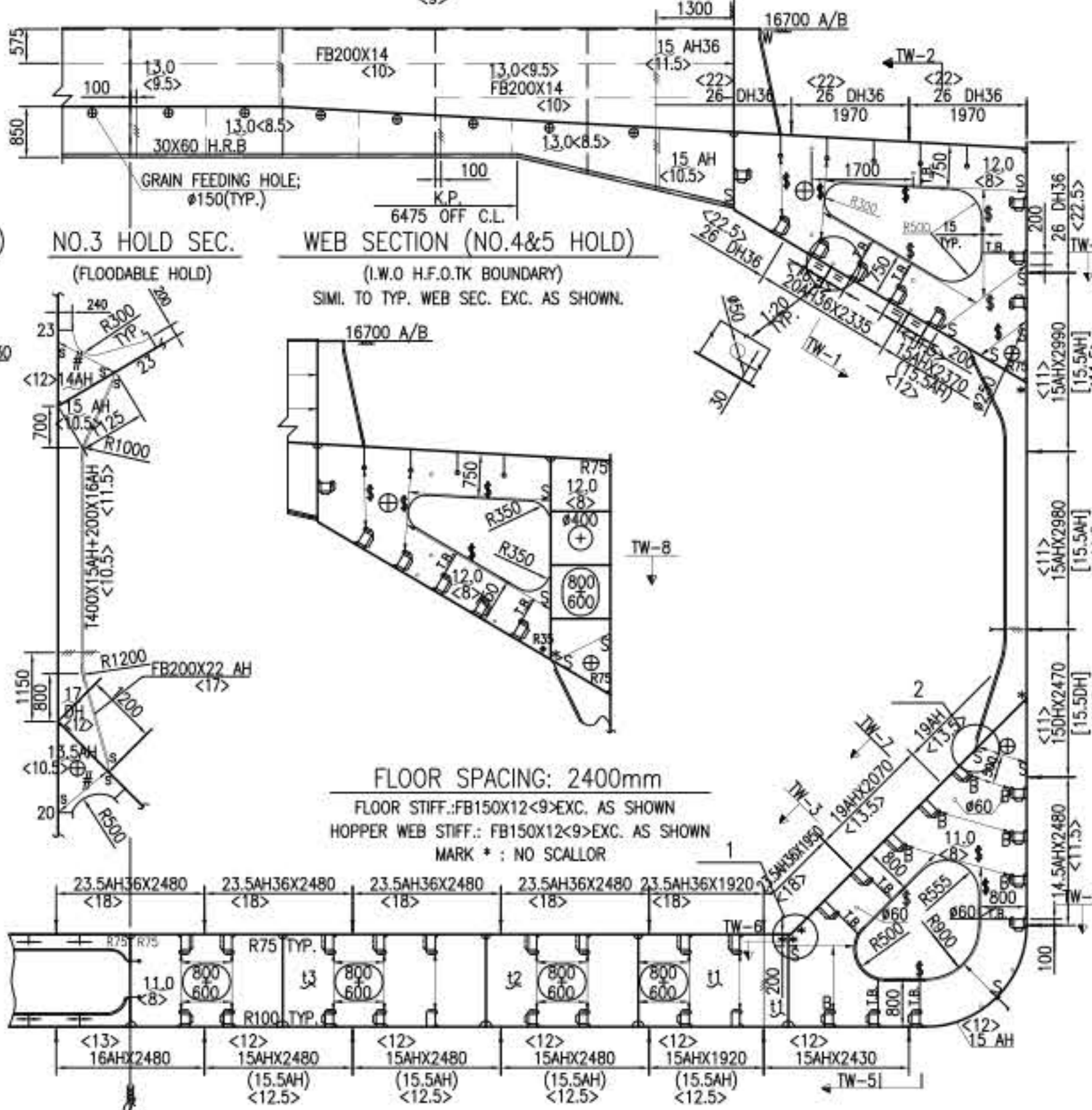
TYP' ORD. SECTION



TYP' WEB SECTION

T.S.W.T. TRANS. SPACING: MAX 4800mm

WEB STIFF: FB150X12 EXC. AS SHOWN



NOTES:

- BOTH SIDES ARE SYMMETRICAL UNLESS OTHERWISE SHOWN.
 - THE PLANS, SECTIONS AND ELEVATIONS ARE SHOWN IN LOOKING DOWNWARD, FORWARD AND PORT RESPECTIVELY.
 - LOCATION OF SEAM LINES IN THIS DRAWING MAY BE ALTERED AND/OR ADDED WHERE NECESSARY FOR CONSTRUCTION.
 - MINIMUM WELDING LEG LENGTH IS ≥ 4.5 mm UNLESS OTHERWISE SHOWN.
 - STIFFENER END CONNECTION
 - NO MARKED: WELDED CONNECTION
 - S: END SNIPPED
 - B: BRACKET CONNECTION
 - THE SCANTLING OF NO. 3 CARGO HOLD SHALL BE DESIGNED AS WATER BALLAST HOLD.
 - TOPSIDE TANKS AND DOUBLE BOTTOM BALLAST TANKS ARE INTERCONNECTED.
 - PRE. MAX. ALLOWABLE DESIGN S.W.B.M.(STILL WATER BENDING MOMENT) AT SEA-GOING CONDITION.
- | CONDITION | HOGGING (kNm) | SAGGING (kNm) |
|-----------|---------------|----------------|
| INTACT | abt.950,000 | abt.-815,000 |
| FLOODING | abt.1,400,000 | abt.-1,450,000 |
- AS DEVELOPMENT OF THE VESSEL, THE DESIGN S.W.B.M. AND SCANTLINGS, MATERIAL GRADE MAY CHANGE ACC. TO CLASSIFICATION SOCIETY'S COMMENTS.
 - LOCAL STRENGTH OF DOUBLE BOTTOM (MAXIMUM LOAD):
 20MT/M² FOR NO.1, 3 & 5 HOLD, 18MT/M² FOR NO.2, & 4 HOLD:
 STEEL COIL LOADING: 20ton x 1.5m(L) x 1.75m(D) 2 TIERS.
 5 DUNNAGE SUPPORTING ONE STEEL COIL
 - MARK FOR STIFFENER SIZE:

MARK	SIZE	MARK	SIZE
∇	FB100x12	#	FB200x14
∇	FB150x12	\$	FB250x16

MATERIALS

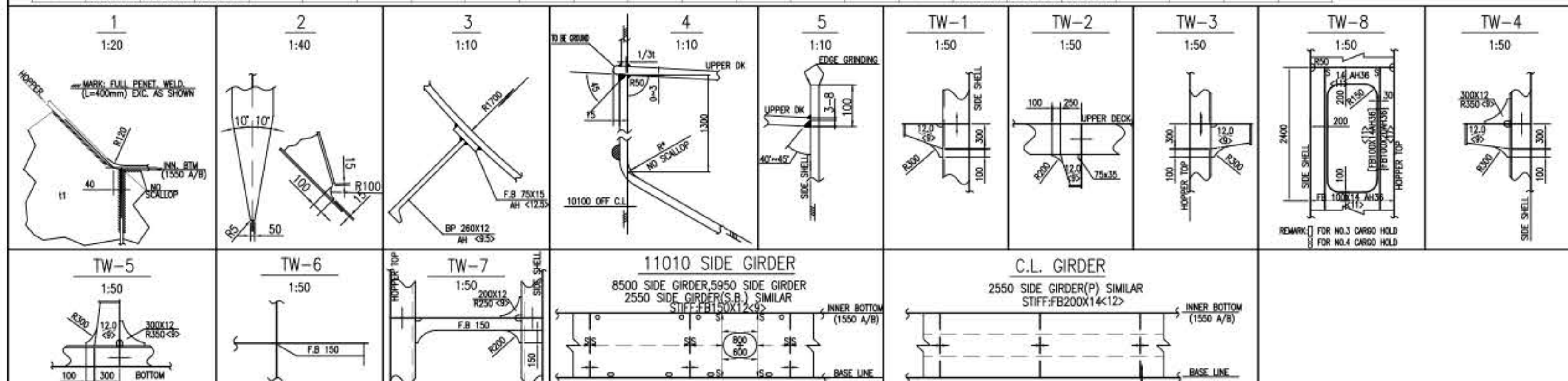
- STEEL MATERIAL WITH NO MARKING TO BE GRADE "A" MILD STEEL ($\sigma=235$ N/mm²)
- "D" TO BE GRADE "D" MILD STEEL ($\sigma=235$ N/mm²)
- "AH" TO BE GRADE "AH32" H.T. STEEL ($\sigma=315$ N/mm²)
- "DH" TO BE GRADE "DH32" H.T. STEEL ($\sigma=315$ N/mm²)
- PLATE THICKNESS WITH "<>"---RENEWAL THICKNESS OF PLATE AND WEB PLATE OF STIFFENERS.

REMARK:() FOR NO.2 CARGO HOLD

[] FOR NO.3 CARGO HOLD

{ } FOR NO.4 CARGO HOLD

NO. 2 HOLD											
FLOOR LOC.	A1	A2	A3	FLOOR LOC.	A1	A2	A3	FLOOR LOC.	A1	A2	A3
A	13.0<10.0>	13.0<10.0>	13.0<10.0>	E'	14.5 AH<11.5>	13.0<10.0>	12.5<9.5>	A	13.0<10.0>	13.0<10.0>	13.0<10.0>
B	12.5<9.5>	11.0<8.5>	11.0<8.5>	D'	14.0 AH<11>	12.5<9.5>	12.0<9>	B	13.5<10.5>	11.5<8.5>	11.0<8.5>
C	13.0 AH<10>	12.0<9>	11.5<8.5>	C'	13.5 AH<10.5>	14.0<11>	14.0<11>	C	13.5 AH<10.5>	12.0<9>	11.5<8.5>
D	14.0 AH<11>	12.5<9.5>	12.0<9>	B'	14.0 AH<11>	14.0<11>	14.0<11>	D	14.0 AH<11>	12.5<9.5>	12.0<9>
E	14.5 AH<11.5>	13.0<10.0>	12.5<9.5>	A'	14.5 AH<11.5>	14.5<11.5>	14.5<11.5>	E	14.5 AH<11.5>	13.0<10.0>	12.5<9.5>
F	14.5 AH<11.5>	13.5<10.5>	13.0<10.0>					F	14.5 AH<11.5>	13.5<10.5>	13.0<10.0>



日期 Date	版本 Version	说明 Description		修改 Modify	校对 Check	审核 Review
承建者 Builder	广东中远船务工程有限公司 COSCO (GUANGDONG) SHIPYARD CO.,LTD		工程号 Proj.No.	GN0040	船级 Class	NK
业主 Owner	ER YATIRIM TURIZM VE INSAAT A.S.		IMO No.	9663817	完工设计 Finished Design	
工程名 P.Name	35300DWT 散货船 35300DWT BULK CARRIER		图号 Draw.No.	GZN470F-110-04		
横剖面图 MIDSHIP SECTION			设计 Design	标 验 Sta.chk		
			校 对 Check	审 定 Verify		
			审 核 Review	批 准 Approve		
 广东中远船务工程有限公司 COSCO (GUANGDONG) SHIPYARD CO.,LTD				比 例 Scale	1:100	
				页 数 Sheet	1/1	