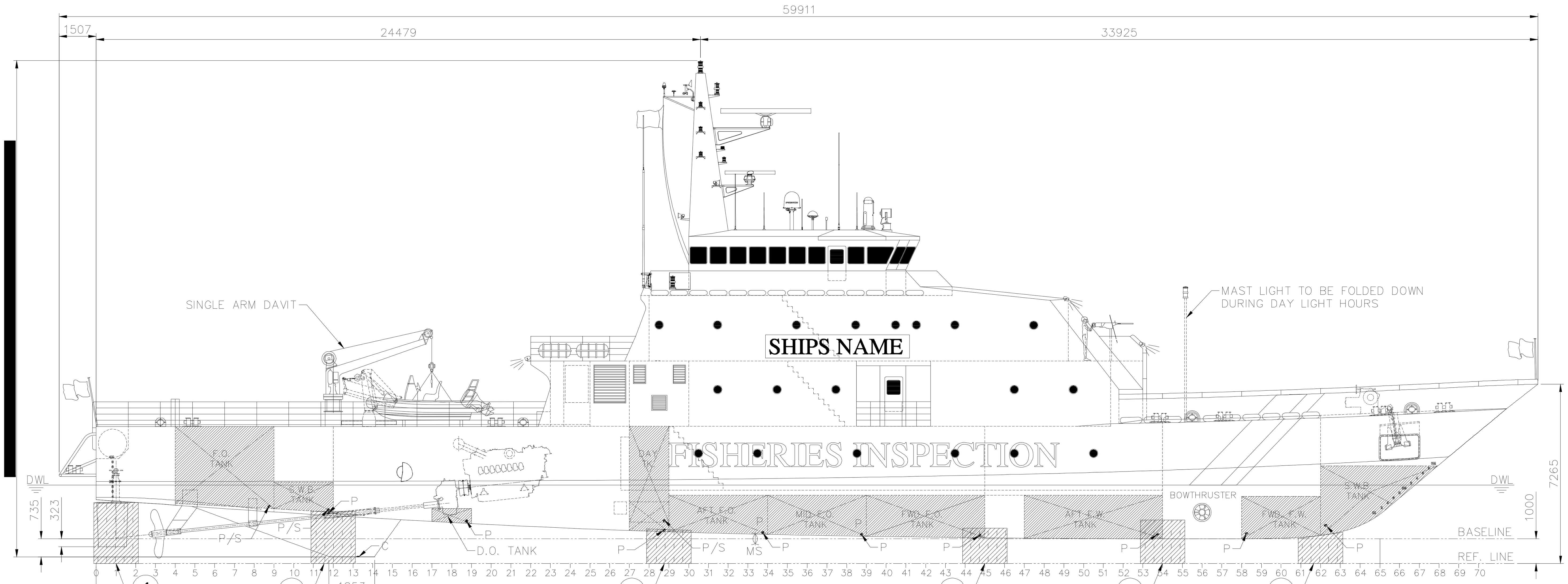
MSS60FIV
PARTICULARS

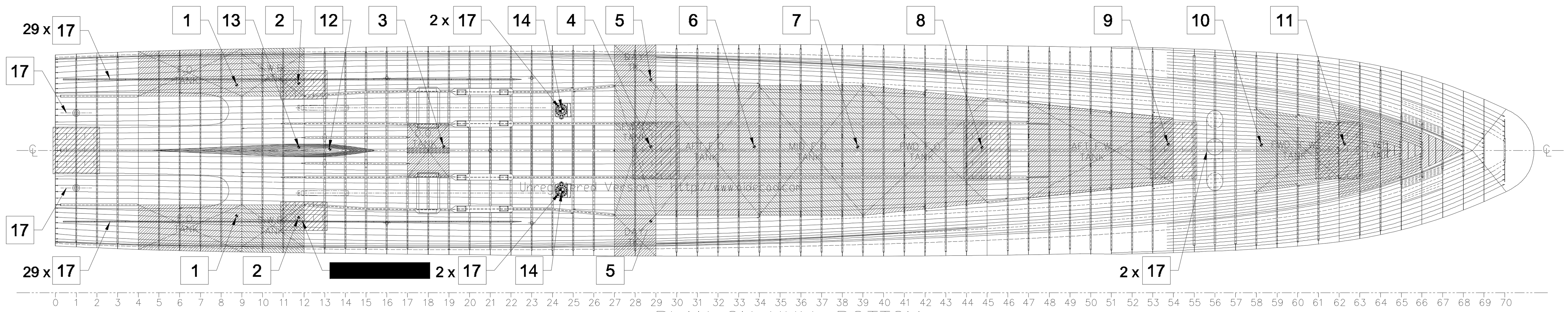
LENGTH OVERALL	60.00 m
LENGTH WATERLINE	53.39 m
BEAM MOULDED	8.20 m
BEAM WATERLINE	7.49 m
DEPTH MOULDED	4.37 m
DRAFT MOULDED	2.17 m
DRAFT EXTREME	2.96 m
MAIN ENGINES	2 x 2560 KW
FUEL CAPACITY	138000 L
FRESH WATER CAPACITY	30000 L
CREW	24 PERSONS
VIP	1 PERSONS
DETAINEES	12 PERSONS
MAXIMUM SPEED	24 KNOTS

HULL BOTTOM PENETRATIONS

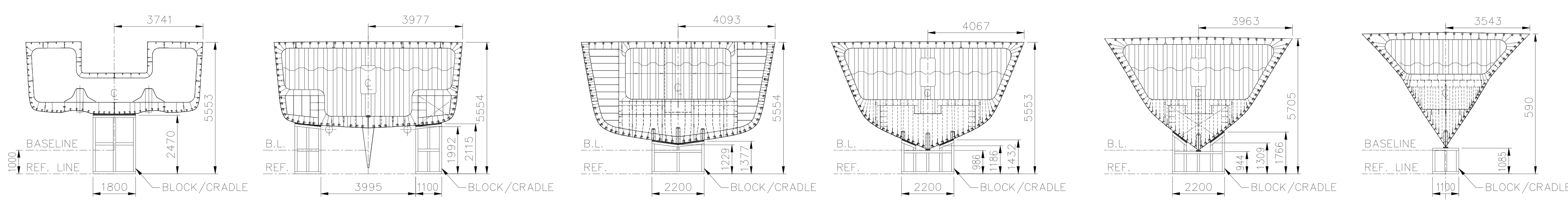
ITEM No.	QTY	DESCRIPTION	LONG. REF.	TRANS. REF.	HEX. PLUG	SQR. PLUG
1	2	AFT FUEL OIL DEEP TANK–DOCKING PLUG	7000	2531	2 P/S	
2	2	AFT SWB TANK–DOCKING PLUG	9400	2597		2 P/S
3	1	D.O. TANK–DOCKING PLUG	1500	150	1 P	
4	1	SEWAGE TANK–DOCKING PLUG	2300	152		1 P
5	2	FUEL OIL DAY TANK–DOCKING PLUG	2300	2739	2 P/S	–
6	1	FUEL OIL DOUBLE BOTTOM TANK–DOCKING PLUG	2700	146	1 P	–
7	1	FUEL OIL DOUBLE BOTTOM TANK–DOCKING PLUG	3100	136	1 P	–
8	1	FUEL OIL DOUBLE BOTTOM TANK–DOCKING PLUG	35800	125	1 P	–
9	1	FRESH WATER DOUBLE BOTTOM TANK–DOCKING PLUG	43000	241	–	1 P
10	1	FRESH WATER DOUBLE BOTTOM TANK–DOCKING PLUG	46600	208	–	1 P
11	1	FWD SWB TANK–DOCKING PLUG	49800	271	–	1 P
12	1	SKEG DRAIN–DOCKING PLUG	9400	50	–	1 P
13	1	SKEG VENTILATION–DOCKING PLUG	10600	133	–	1 P
14	1	SEACHEST	19550	1560	–	–
15	1	SPEED LOG TRANSDUCER	TBA	TBA	–	–
16	1	ECHO–SOUNDER TRANSDUCER	TBA	TBA	–	–
17	66	ANODE LOCATIONS (HULL, RUDDER, SEA CHEST & THRUSTER)	–	–	–	–



OUTBOARD PROFILE



PLAN ON HULL BOTTOM



BLOCK No.1
800mm FROM A.P.
(FR.1)

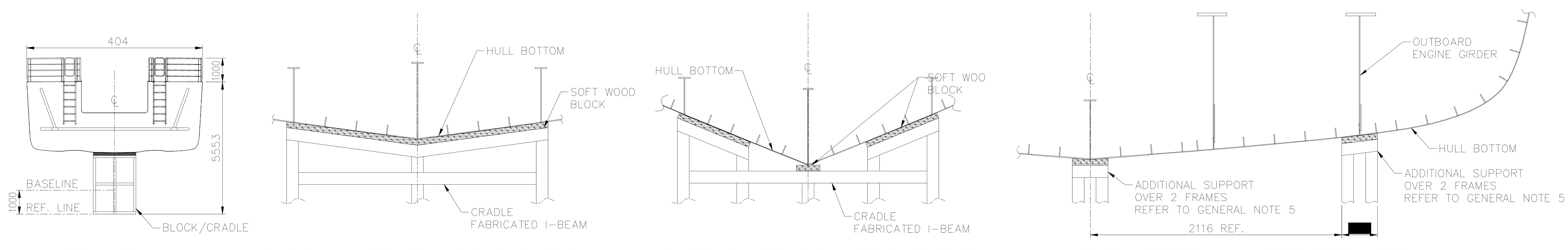
BLOCK No.2
9600mm FROM A.P.
(BHD.12)

BLOCK No.3
23200mm FROM A.P.
(BHD.29)

BLOCK No.4
36000mm FROM A.P.
(BHD.45)

BLOCK No.5
43200mm FROM A.P.
(BHD.54)

BLOCK No.6
49600mm FROM A.P.
(COLL. BHD.62)



TRANSOM

CASE 1 KEELSON CRADLE TYP.
SCALE 1:25

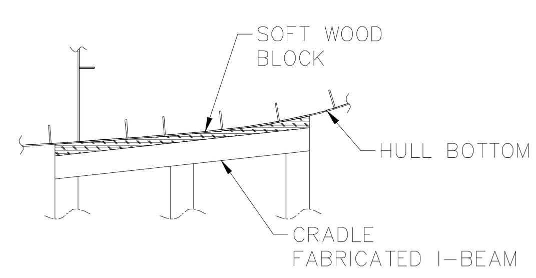
CASE 2 KEELSON CRADLE TYP.
SCALE 1:25

TYP. SECTION WHERE REQUIRES
ADDITIONAL SUPPORT
SCALE 1:25

BLOCK DIMENSIONS & REFERENCE POINTS

BLOCK No.	QTY	REF. FR. No.	REFERENCE		BLOCK/CRADLE DIMENSIONS		
			LONG. REF.	TRANS. REF.	LENGTH	WIDTH	HEIGHT
1	1	1	800	0	1800	1800	2470
2	2	12	9600	2547	1800	1100	1992
3	1	29	23200	0	1800	2200	1229
4	1	45	36000	0	1800	2200	986
5	1	54	43200	0	1800	2200	944
6	1	62	49600	0	1800	1100	1085

1. REFERENCE DIMENSIONS MEASURED TO CENTRE OF BLOCK/CRADLE.
2. DOCKING BLOCK/CRADLE TO BE FABRICATED I–BEAM AT THREE (3) FRAME SPAN TYP.
3. HEIGHT TAKEN AT LOWEST POINT OF CENTRE FRAME OF BLOCK/CRADLE.
4. BLOCK DIMENSIONS GIVEN FOR STEEL FABRICATED BLOCKS ONLY. SOFT WOOD BLOCKS OF SIMILAR LENGTH AND WIDTH TO BE SHAPED TO MATCH HULL PLATE, SEE TYP. HULL BOTTOM BLOCK VIEWS FOR DETAILS.



TYPICAL SIDE CRADLE
SCALE 1:25

GENERAL NOTE:

1. DENOTES DOCKING PLUGS 13 No's. REQUIRED PORT SIDE, 3 No's. REQUIRED STBD SIDE AND 1 No. @ SKEG ℄ AND 1 No. VENT. PLUG FOR SKEG AT PORT SIDE.
2. DOCKING PLUGS TO BE LOCATED AS LOW AS PRACTICAL IN EACH COMPARTMENT OR TANK.
3. FOR DOCKING PLUG DETAILS REFER DRG NO. 121–284–003.
4. 1000mm MINIMUM BASE LINE HEIGHT REQUIRED TO REASONABLY CARRY OUT REPAIRS/MAINTENANCE.
5. ADDITIONAL SUPPORTS MAY BE PLACED ALONG THE CENTERLINE KEELSON AND SIDES, AS REQUIRED. PROVIDED THAT IT SUPPORTS 2 FRAMES AND NOT BETWEEN FRAMES.
6. SOFT WOOD BLOCK TO BE CLEARED I.W.O. ANODES AND PLUGS.
7. FOR ANODE LOCATION & DETAILS REFER DRG NO. 121–277–001.

YEAR : 2016		
	DATE	APPROVAL
DRAWN BY	13.1.16	WDY
DESIGNED BY	13.1.16	WDY
CHECKED BY	13.1.16	IDR
APPROVED BY	13.1.16	AR

PROJECT NAME : ORCA 2

DRAWING / DOCUMENT NAME : DOCKING PLAN

PROJECT NO : 293

OWNER	: KKP
CLASS	: LRS/BKI
DESIGNER	: PT. DRU
GROUP	: GENERAL
SCALE	: 1:150
SIZE	: A1
SHEET	: 1/1

DRW/DOKUMENT NO : 0–1.20

PT. DAYA RADAR UTAMA
SHIPYARD & ENGINEERING

REV.	0	1	2	3	4	5