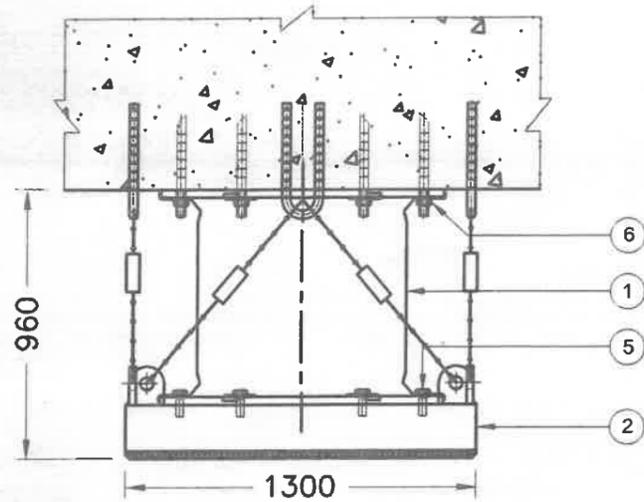
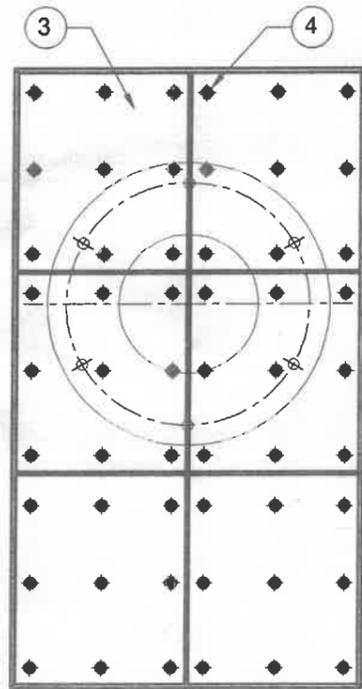


**HCF 800 CELL FENDERING SYSTEM
FOR MATTANCHERY WHARF**



PLAN



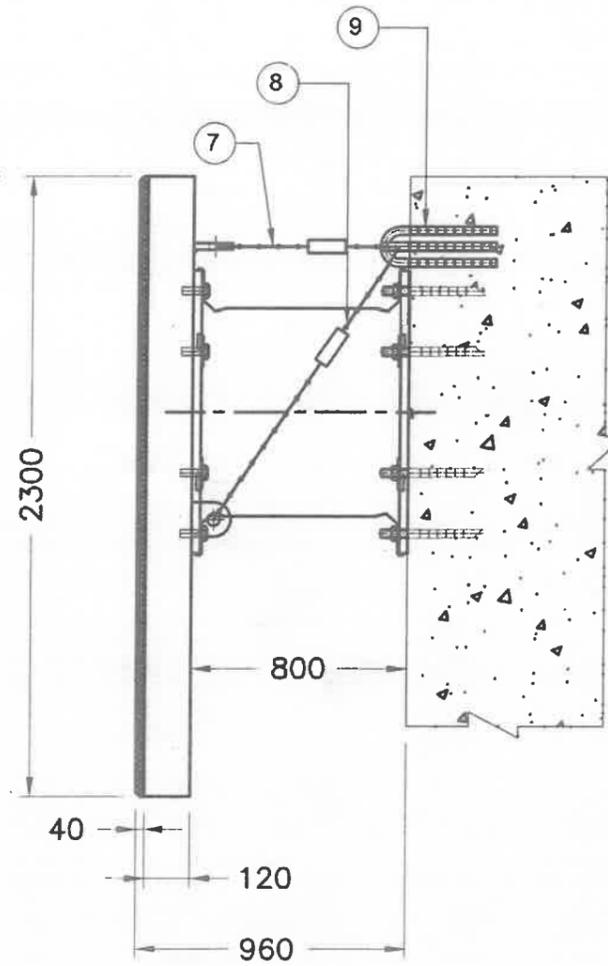
ELEVATION

TOP OF DECK
EL +2.7 MTR

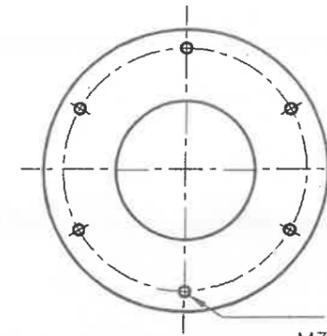
H.W.L.
EL +1.2 MTR

EL +0.5 MTR

L.W.L.
EL +0.2 MTR



SIDE VIEW



SUITABLE 6 HOLES FOR
M30 BOLT ON ϕ 900 MM P.C.D.

HOLE ORIENTATION OF HCF 800 CELL FENDER

PERFORMANCE OF HCF 800 CELL FENDERING SYSTEM

		TOLERANCES
MAXIMUM DEFLECTION	52.5 %	
MINIMUM ENERGY ABSORPTION	16.6 TON-MTR.	+10% / -0%
MAXIMUM REACTION FORCE	47.3 TON.	+0% / -10%

NO	DESCRIPTION	QTY./ASSY.
9	U-HOOK ϕ 40 (M.S. GALVANISED GR. 8.8)	3
8	WEIGHT CHAINS DIA. 30 MM. WITH RUBBER FLEX (M.S. GALV)	2
7	TENSION CHAINS DIA. 30 MM WITH RUBBER FLEX (M.S. GALV)	2
6	FENDER TO WALL FIXING RESIN ANCHOR BOLTS M30 (SS 316)	6
5	FENDER TO FRAME FIXING BOLTS M30 (SS 316)	6
4	FACIA PAD FIXING FASTENERS M16 (SS 316)	*
3	FACIA PAD 40mm THICK-BLACK COLOR (UHMWPE)	*
2	FRONTAL FRAME (M.S. PAINTED-COLOR: BLACK)	1
1	HCF 800 CELL FENDER (RUBBER & STEEL)	1

PART LIST OF MATERIAL FOR ONE SET IN OUR SCOPE OF SUPPLY

For bid purpose only

Note :

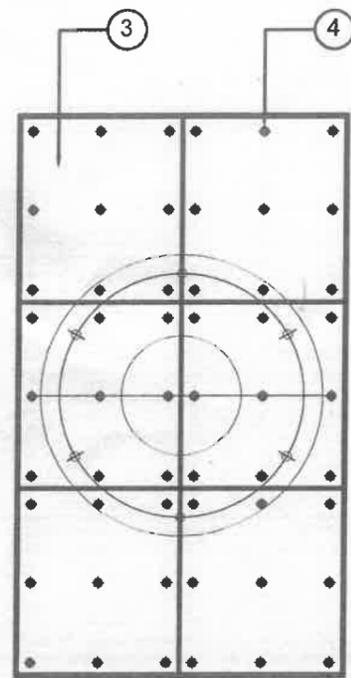
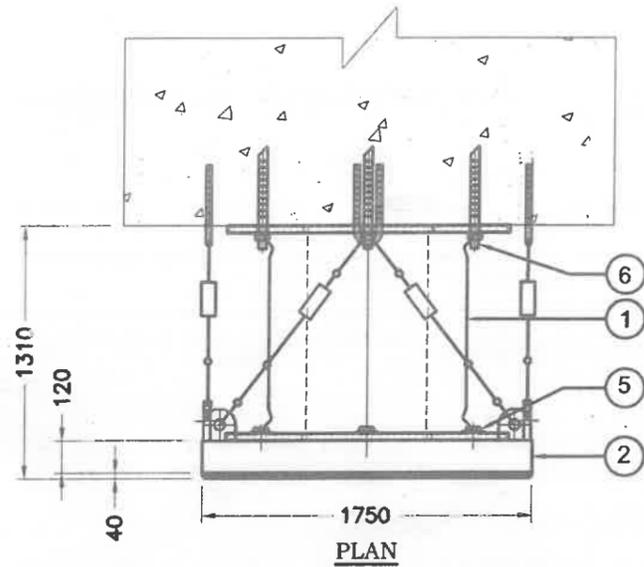
* This drawing is illustrative only. It may be change as per final requirement & better performance of the product.

* All dimension are in mm otherwise specified.

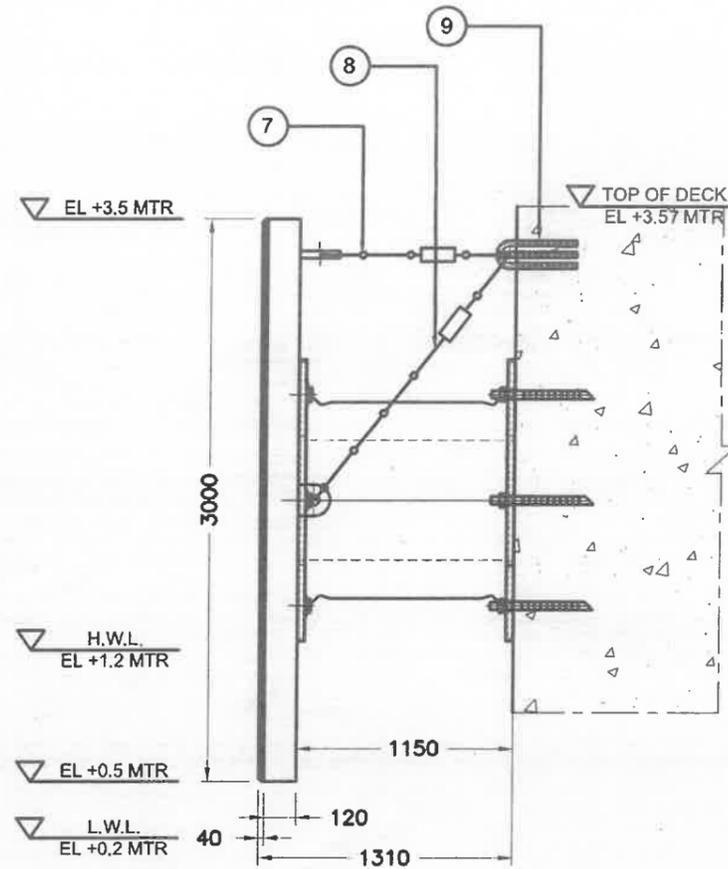
* Standard tolerances of \pm 3% shall apply. otherwise as specified.

DRG. NO. / REV.NO.	TITLE
	REFERENCE DRAWING

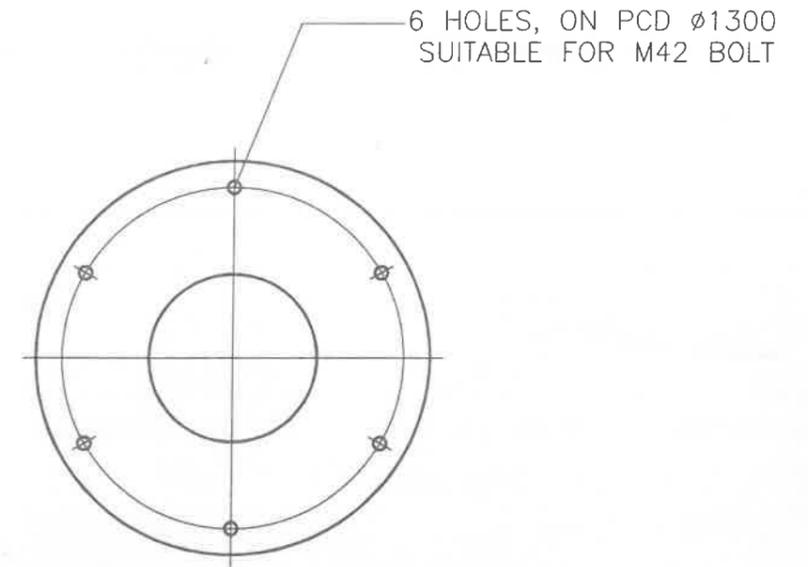
**HCF 1150 CELL FENDERING SYSTEM
FOR BTP BERTH/JETTY.**



ELEVATION



SIDE VIEW



HOLE ORIENTATION OF HCF 1150 CELL FENDER

9	U-HOOK DIA. 30 (M.S. GALVANISED GR. 8.8)	3
8	WEIGHT CHAINS DIA. 24 MM WITH RUBBER FLEX (M.S.GALV)	2
7	TENSION CHAINS DIA. 24 MM WITH RUBBER FLEX (M.S.GALV)	2
6	FENDER TO WALL FIXING RESIN FASTENERS M42 (SS 316)	6
5	FENDER TO FRAME FIXING FASTENERS M42 (SS 316)	6
4	FACIA PAD FIXING FASTENERS M16 (SS 316)	*
3	FACIA PAD (40 MM THIK)-Black colour	*
2	FRONTAL FRAME (M.S PAINTED)- Black colour	1
1	HCF 1150 CELL FENDER	1
NO	DESCRIPTION	QTY./ASSY.

PART LIST OF MATERIAL FOR ONE SET IN OUR SCOPE OF SUPPLY

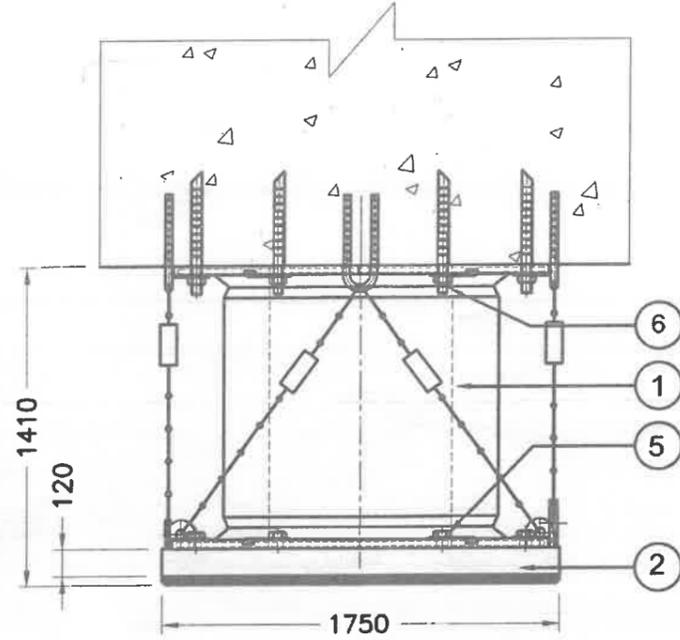
For bid purpose only

Note :

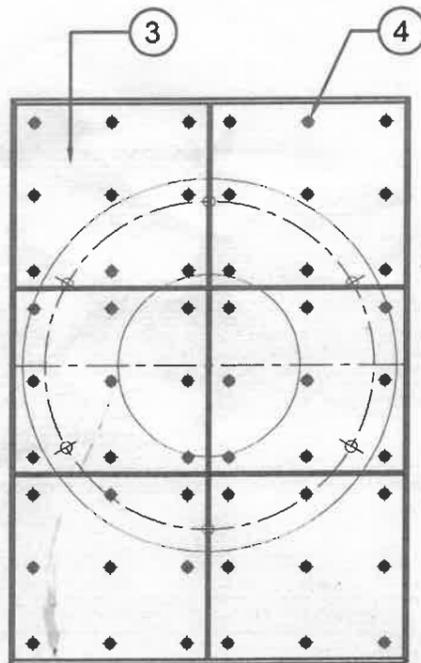
- * This drawing is illustrative only. It may be change as per final requirement & better performance of the product.
- * All dimension are in mm otherwise specified.
- * Standard tolerances of $\pm 3\%$ shall apply, otherwise as specified

DRG. NO. / REV.NO.	TITLE
REFERENCE DRAWING	

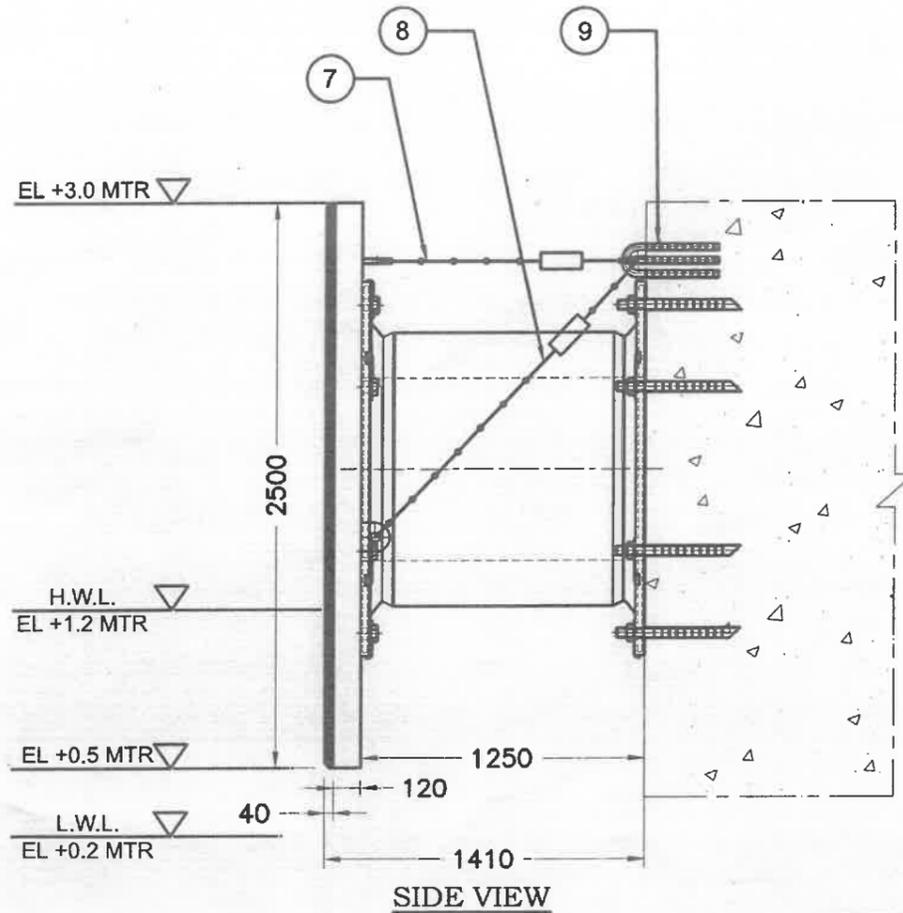
**HCF 1250 CELL FENDERING SYSTEM
FOR ERNAKULAM WHARF**



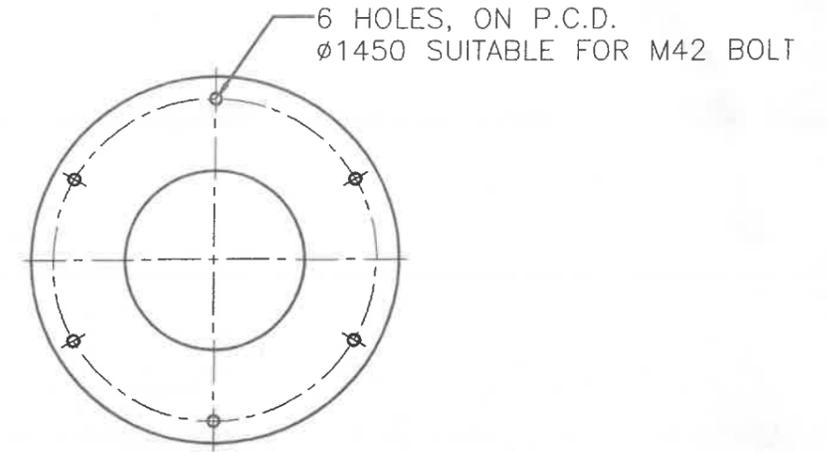
PLAN



ELEVATION



SIDE VIEW



HOLE ORIENTATION OF HCF 1250 CELL FENDER

PERFORMANCE OF HCF 1250 CELL FENDERING SYSTEM

PERFORMANCE OF HCF 1250 CELL FENDERING SYSTEM		TOLERANCES
MAXIMUM DEFLECTION	52.5 %	
MINIMUM ENERGY ABSORPTION	67.0 TON-MTR	+10% / -0%
MAXIMUM REACTION FORCE	125.0 TON	+0% / -10%

NO	DESCRIPTION	QTY./ ASSY.
9	U-HOOK Ø40 (M.S. GALVANISED GR. 8.8)	3
8	WEIGHT CHAINS DIA. 30 MM. WITH RUBBER FLEX (M.S. GALV)	2
7	TENSION CHAINS DIA. 30 MM WITH RUBBER FLEX (M.S. GALV)	2
6	FENDER TO WALL FIXING RESIN ANCHOR BOLTS M42 (SS 316)	6
5	FENDER TO FRAME FIXING BOLTS M42 (SS 316)	6
4	FACIA PAD FIXING FASTENERS M16 (SS 316)	*
3	FACIA PAD 40mm THICK-BLACK COLOR (UHMWPE)	*
2	FRONTAL FRAME (M.S. PAINTED-COLOR:BLACK)	1
1	HCF 1250 CELL FENDER (RUBBER & STEEL)	1

PART LIST OF MATERIAL FOR ONE SET IN OUR SCOPE OF SUPPLY

For bid purpose only

Note :

- * This drawing is illustrative only. It may be change as per final requirement & better performance of the product.
- * All dimension are in mm otherwise specified.
- * Standard tolerances of ± 3% shall apply, otherwise as specified.

DRG. NO. / REV.NO.	TITLE
REFERENCE DRAWING	