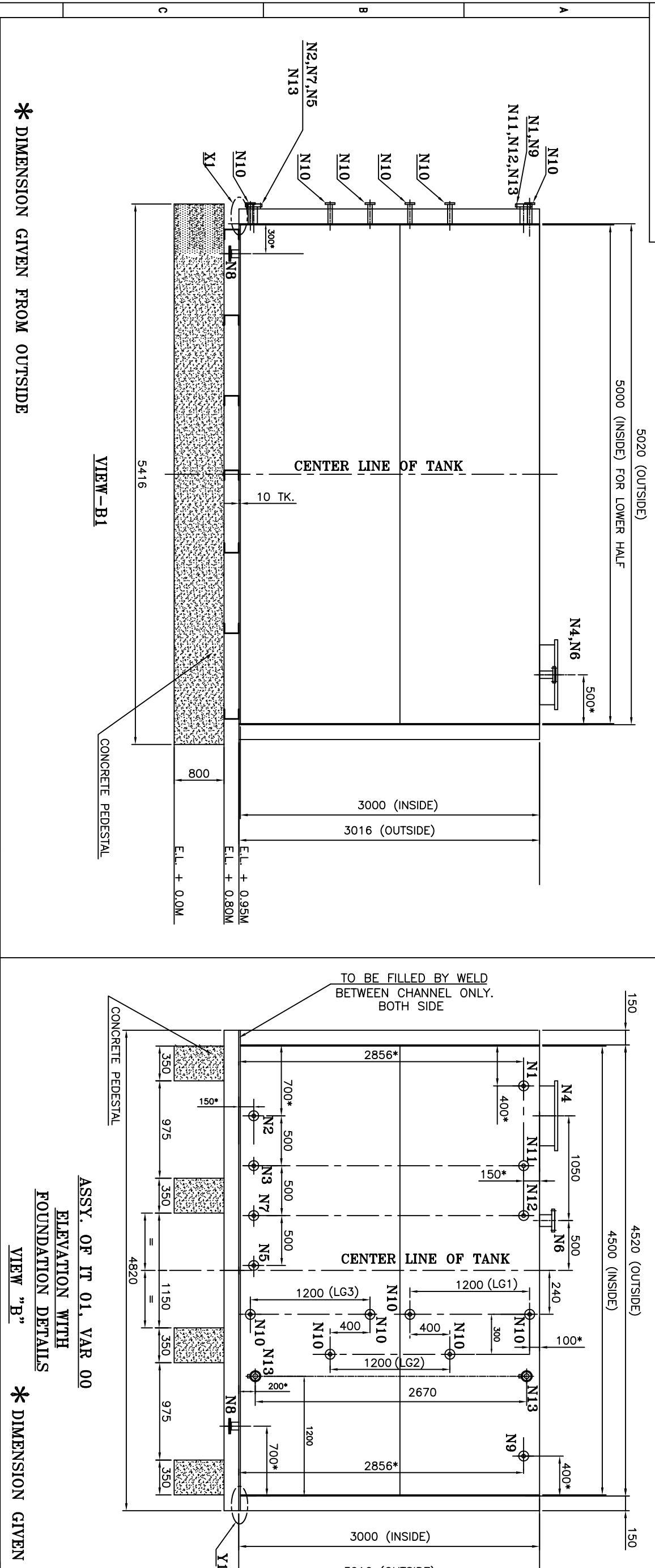
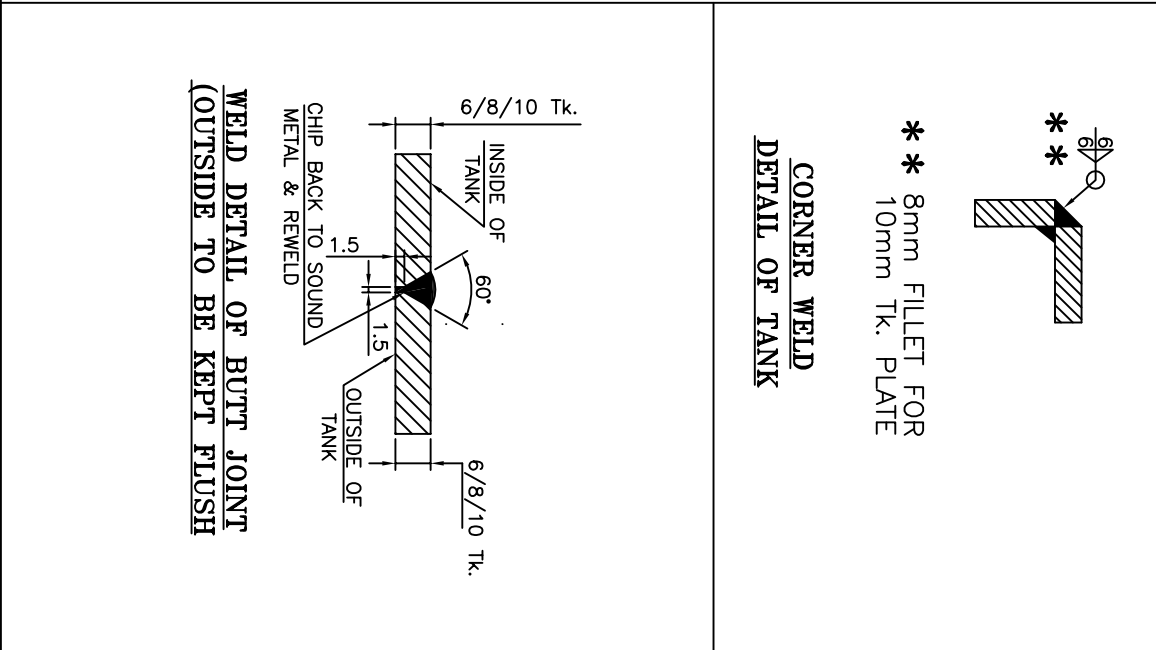




* DIMENSION GIVEN FROM OUTSIDE

ASSY. OF IT. Q1, VAR. 00
ELEVATION WITH
FOUNDATION DETAILS
VIEW "B"

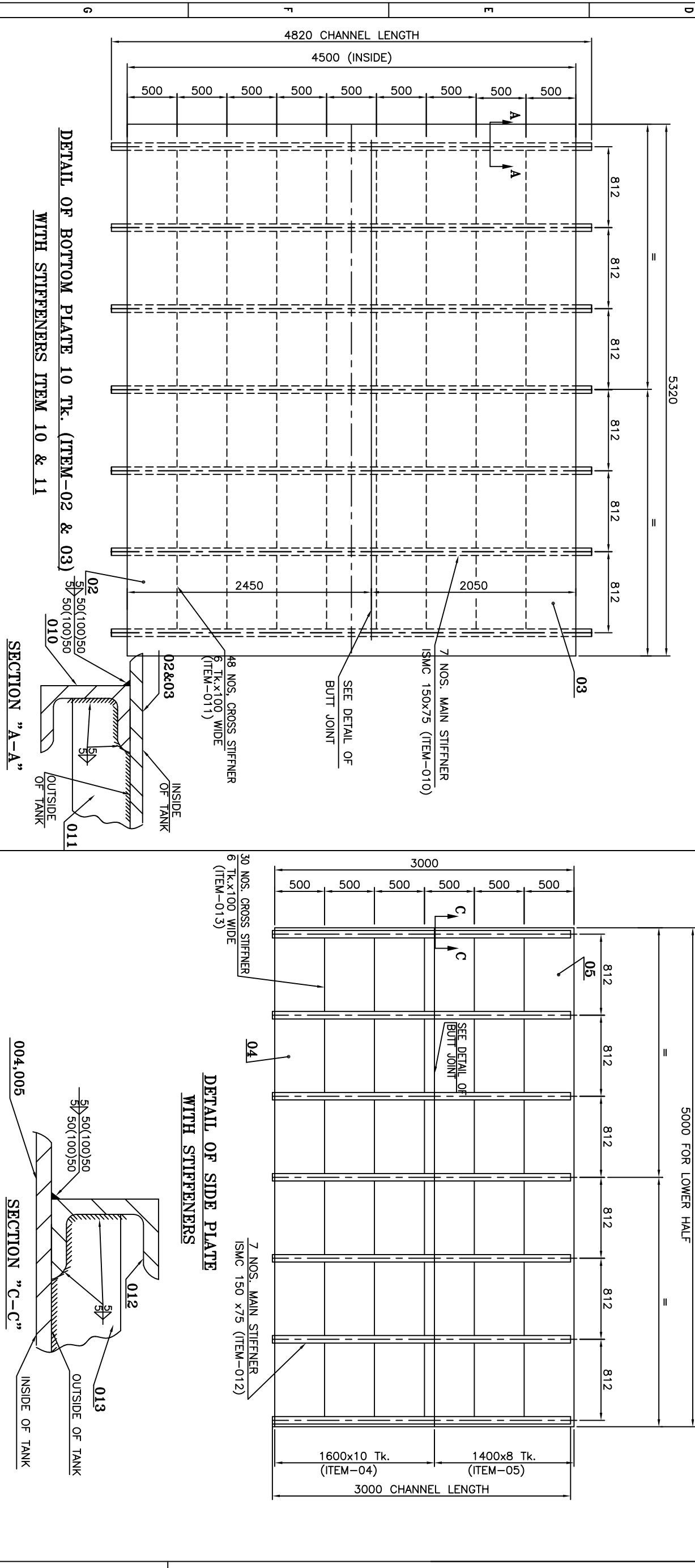
* DIMENSION GIVEN FROM OUTSIDE



CORNER WELD
DETAIL OF TANK
** 8mm FILLET FOR
10mm T.K. PLATE
WELD DETAIL OF BUTT JOINT
(OUTSIDE TO BE KEPT FLUSH)

LIST OF CONNECTIONS WITH DETAILS									
REF. (NO)	WASIZE (MM)	P.C.D.	FLANGE DIA.	T.K.	FACE DIA.	FACE T.K.	BOLT DIA.	NO. OF BOLTS	REMARKS
N1	80	150	190	18	3	18	3	4	M16
N2	80	150	190	18	3	18	3	4	M16
N3	80	150	190	18	3	18	3	4	M16
N4	600	705	755	670	22	5	26	20	M24
N5	80	150	190	18	3	18	3	4	M16
N6	100	170	210	148	18	3	18	4	M16
N7	25	75	100	60	14	2	11	4	M8
N8	80	150	190	18	3	18	3	4	M16
N9	80	150	190	18	3	18	3	4	M16
N10	25	75	100	60	14	2	11	4	M8
N11	80	150	190	18	3	18	3	4	M16
N12	80	150	190	18	3	18	3	4	M16
N13	80	150	190	18	3	18	3	4	M16

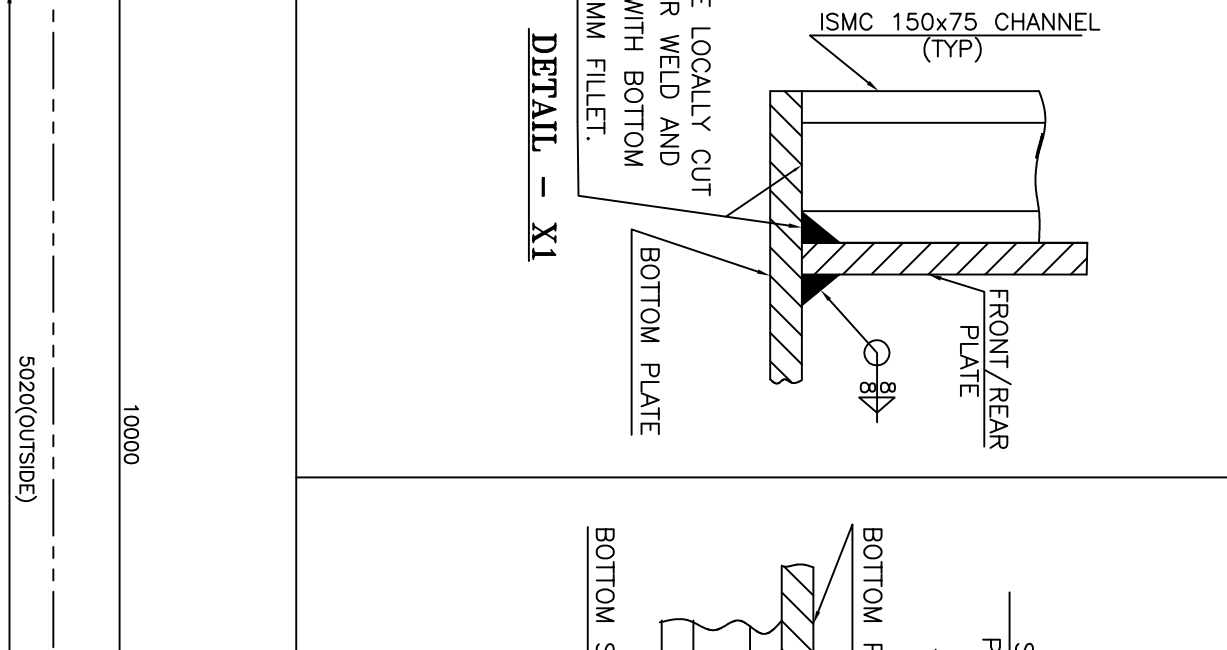
DESIGN DATA									
CODE OF CONSTRUCTION	IS:804-1987 EDITION 2.2	DESIGN PRESSURE	ATMOSPHERIC	DESIGN TEMPERATURE	TO - C	OPERATING PRESSURE	STATIC	OPERATING TEMPERATURE	AMBIENT
STORAGE MEDIUM	TURBINE LUBE OIL	CAPACITY	60 M ³	WEIGHT (EMPTY)	10.27 TONS	WEIGHT (CODED)	78.10 TONS	JOINT EFFICIENCY	0.7
QUANTITY	ONE(01) NO. TOTAL	DESIGN DATA	IS:804-1987 EDITION 2.2	DESIGN PRESSURE	ATMOSPHERIC	DESIGN TEMPERATURE	TO - C	OPERATING PRESSURE	STATIC
OPERATING TEMPERATURE	AMBIENT	STORAGE MEDIUM	TURBINE LUBE OIL	CAPACITY	60 M ³	WEIGHT (EMPTY)	10.27 TONS	WEIGHT (CODED)	78.10 TONS
JOINT EFFICIENCY	0.7	QUANTITY	ONE(01) NO. TOTAL	DESIGN DATA	IS:804-1987 EDITION 2.2	DESIGN PRESSURE	ATMOSPHERIC	DESIGN TEMPERATURE	TO - C



* DIMENSION GIVEN FROM OUTSIDE

ASSY. OF IT. Q1, VAR. 00
ELEVATION WITH
FOUNDATION DETAILS
VIEW "B"

* DIMENSION GIVEN FROM OUTSIDE



CORNER WELD
DETAIL OF TANK
** 8mm FILLET FOR
10mm T.K. PLATE
WELD DETAIL OF BUTT JOINT
(OUTSIDE TO BE KEPT FLUSH)

TO BE FILLED BY WELD
BETWEEN CHANNEL ONLY.

ISM 150x75 CHANNEL
(TYP)

2

2

INTERNAL LADDER

300

250

SITE WELD

400-FOR EXTERNAL LADDER
300-FOR INTERNAL LADDER

DETAIL OF INSIDE & OUTSIDE LADDERS

DETAIL-P

250

MAN HOLE
2 HOLES Ø18

SITE WELD
FOR M16 BOLTS

Ø20 MS RODS

Ø28

1/4"

FLAT 60x8

TANK INSIDE SURFACE

200

200

SURFACE OF TANK

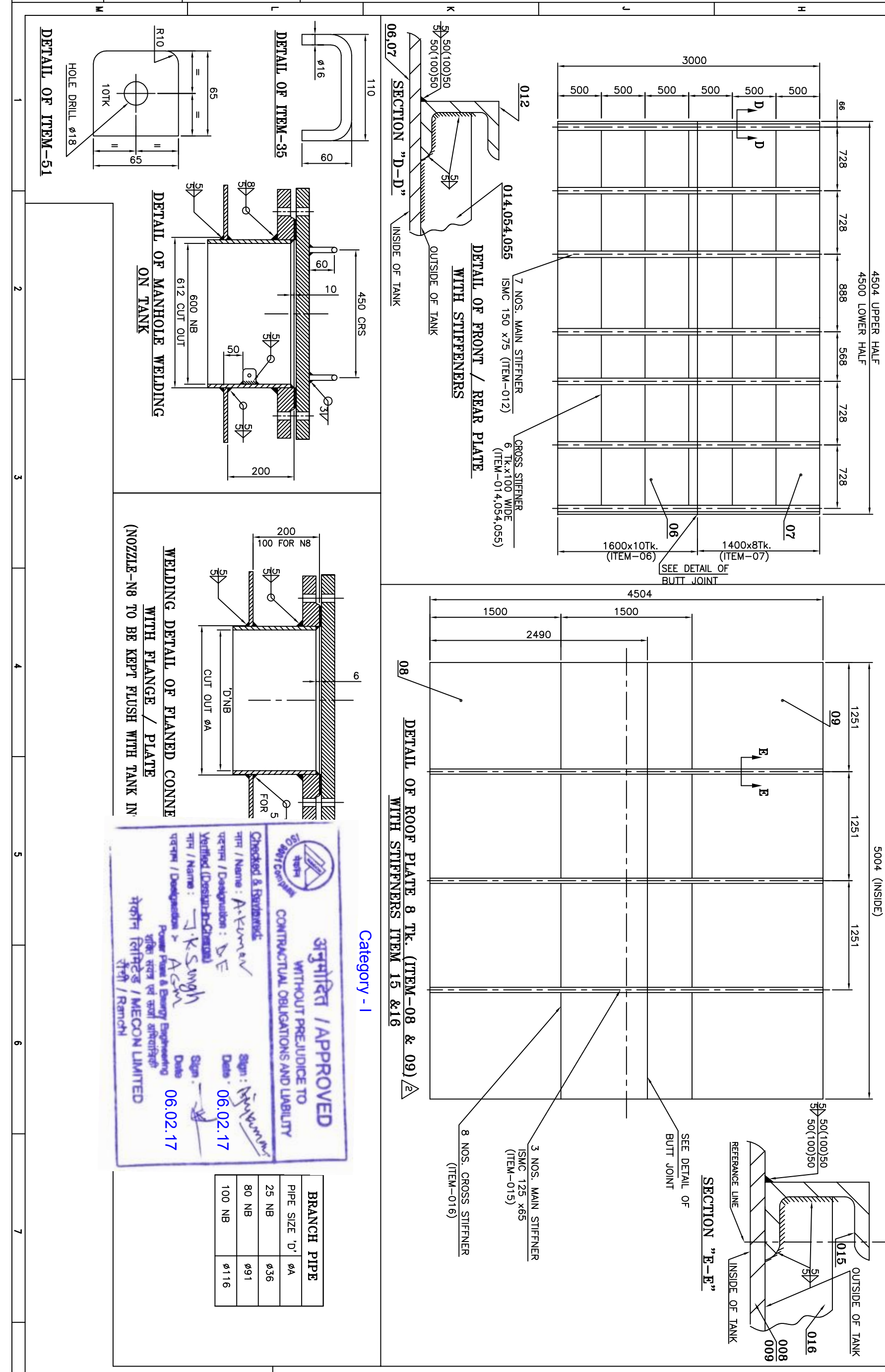
N10

MATERIAL OF CONSTRUCTION OF MAJOR PARTS		
DESCRIPTION	SPECIFICATION	QTY.
TOP, BOTTOM & SIDE PLATE	IS 2062	15
NOZZLE PIPE	SA 108	1
STRENGTHEN GUSSET, RIB STAYS, CHANNEL & ANGLE	IS 2062	15
BOLTS & NUTS	CL. 4.6 Ø 16-18	15
ISOLATION GATE VALVE	CARBON	1

QUANTITY	UNIT	WEIGHT (EAF7)	WEIGHT (FLOADED)	JOINT EFFICIENCY
ONE(01)	TON	10.27	78.10	0.7

Q6	CAPACITANCE TYPE LEVEL SWITCH (RC1)	2 NOS.	SUPPLIED BY BHEL BIHOPAL
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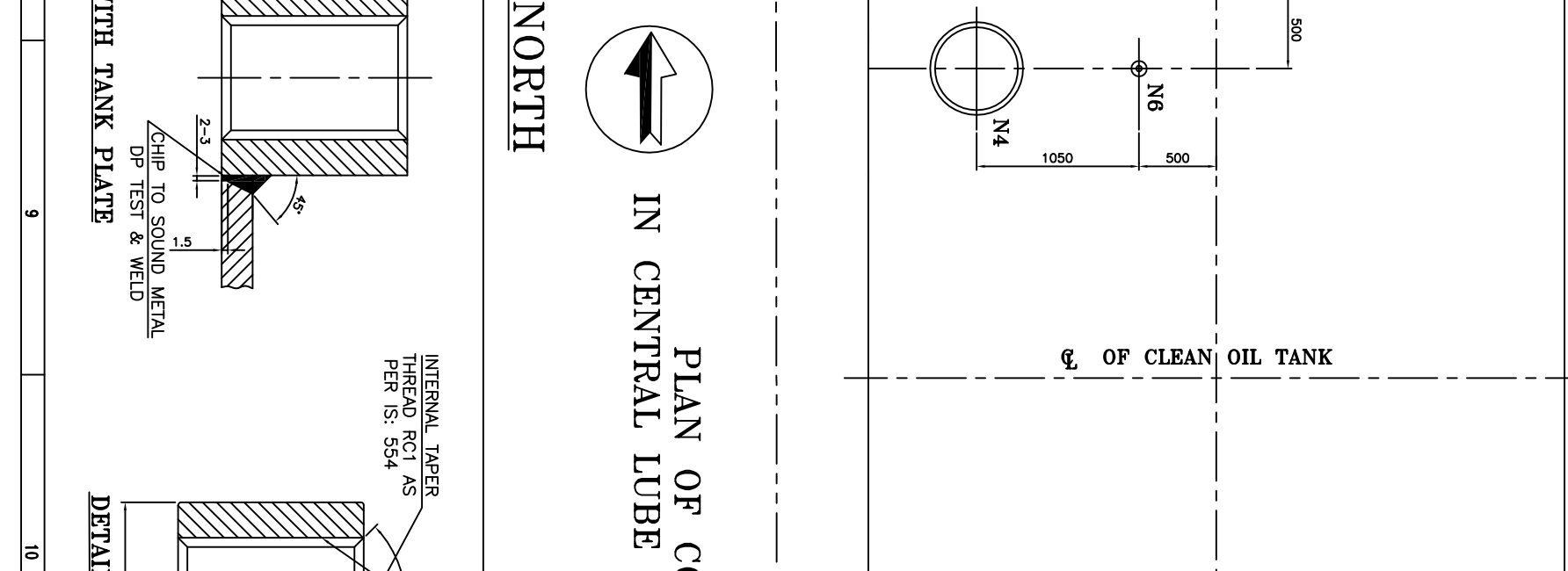
DESIGN DATA									
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OPERATING TEMPERATURE	AMBIENT	STORAGE MEDIUM	TURBINE LUBE OIL	CAPACITY	60 M ³	WEIGHT (EMPTY)	10.27 TONS	WEIGHT (CODED)	78.10 TONS
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* DIMENSION GIVEN FROM OUTSIDE

ASSY. OF IT. Q1, VAR. 00
ELEVATION WITH
FOUNDATION DETAILS
VIEW "B"

* DIMENSION GIVEN FROM OUTSIDE



CORNER WELD
DETAIL OF TANK
** 8mm FILLET FOR
10mm T.K. PLATE
WELD DETAIL OF BUTT JOINT
(OUTSIDE TO BE KEPT FLUSH)

VIEW - Y

VIEW - W

ARRANGEMENT OF
LEVEL GAUGE IN
DETAIL GAUGE IN

OUTER SURFACE OF TANK WELDING
DETAIL OF EXTERNAL LADDER

DETAIL - P

NOTES:-

1. WELDING SHOULD BE CARRIED OUT AS PER CORP. STD. AA0022101 GRADE - III, ALL LEAK PROOF WELDS TO BE 100% D.P. TESTED AS PER AAO.
2. ALL FILLET WELDS TO SIZE 5mm UNLESS SPECIFIED.
3. REMOVE BURRS & SHARP EDGES.
4. TANKS TO BE SHOT/SAUND BLASTED AND PAINTING SHOULD BE DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
5. TANKS TO BE SHOT/SAUND BLASTED AND PAINTING SHOULD BE DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
6. TANKS TO BE SHOT/SAUND BLASTED AND PAINTING SHOULD BE DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
7. DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
8. DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
9. DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
10. DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
11. DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).
12. DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).

TO AA56126. COLOR : 831 OF IS-5. TOTAL WT = 140 MICRON.

FOLLOWED BY ADEQUATE NO. OF COATS OF SYNTHETIC PRIMER

OUTSIDE :- TWO COATS OF ANTI CORROSION RED OXIDE ZINC PHOSPHATE

INSIDE :- TWO COATS OF ANTI CORROSION RED OXIDE ZINC PHOSPHATE

TO AA56126. COLOR : 831 OF IS-5. TOTAL WT = 140 MICRON.

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TO AA56126. COLOR : 831 OF IS-5. TOTAL WT = 140 MICRON.

FOURKELA PP-II E

2. TANK TO BE SHOT/SAUND BLASTED AND PAINTING SHOULD BE DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).

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12. TANK TO BE SHOT/SAUND BLASTED AND PAINTING SHOULD BE DONE AS FOLLOWS (PAINTING TO BE DONE AFTER WATER LIFT TEST).

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DESIGN DATA									
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