

Deputy Executive Engineer
Sub Unit 2/1 (G.W.M.)
DAHOD
Executive Engineer
Unit - 1 (G.W.M.)
Vadodara



LEGEND

NO	SYMBOL	NAME
1		BITUMINOUS ROAD
2		CEMENT CONCRETE ROAD
3		CART TRACK
4		CULVERT
5		NALA
6		WATER TANK
7		DAM
8		FENCING
9		RETAINING WALL
10		BUILDING
11		HUT
12		ELECTRIC POLE
13		DISTRIBUTION PANEL
14		HANAD PUMP
15		BORE WELL
16		WELL
17		TEMPLE
18		LOCATION
19		GROUND LEVEL
20		TBM
21		RIVER BED
22		WATER LEVEL
23		HFL
24		JACK WALL
25		PUMP ROOM LEVEL
26		TANK

DRG NO.:- SDC - LIS - GWM - L3 - R0 - 2026

DRG PREPARED BY

SDC, SURAT

NAME OF CLIENT:- EXECUTIVE ENGINEER, UNIT-1 (GWM), VADODARA

NAME OF WORK:- LIFT IRRIGATION SCHEME, DAHOD

LOCATION OF WORK:- CHOCHALA (KISHORI F)

PROJECT TITLE :- Providing consultancy service for proposed lift irrigation schemes on various water sources of district Dahod including detail survey and investigation with design, estimate, drawings and D.T.P.

Shivil

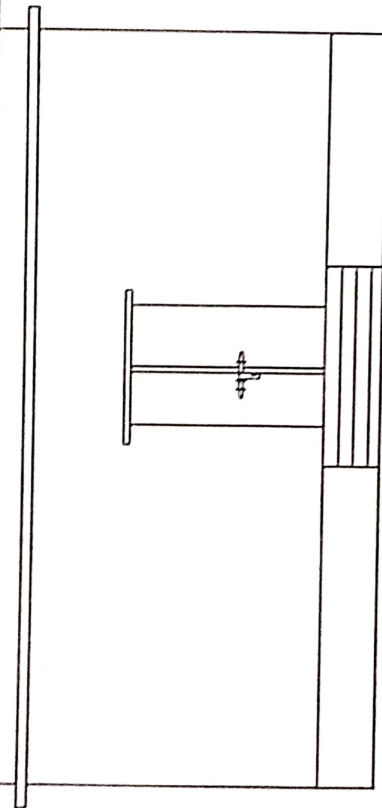
Design & Engineering Consultancy LLP

GREEN PLAZA COMPLEX, SURAT

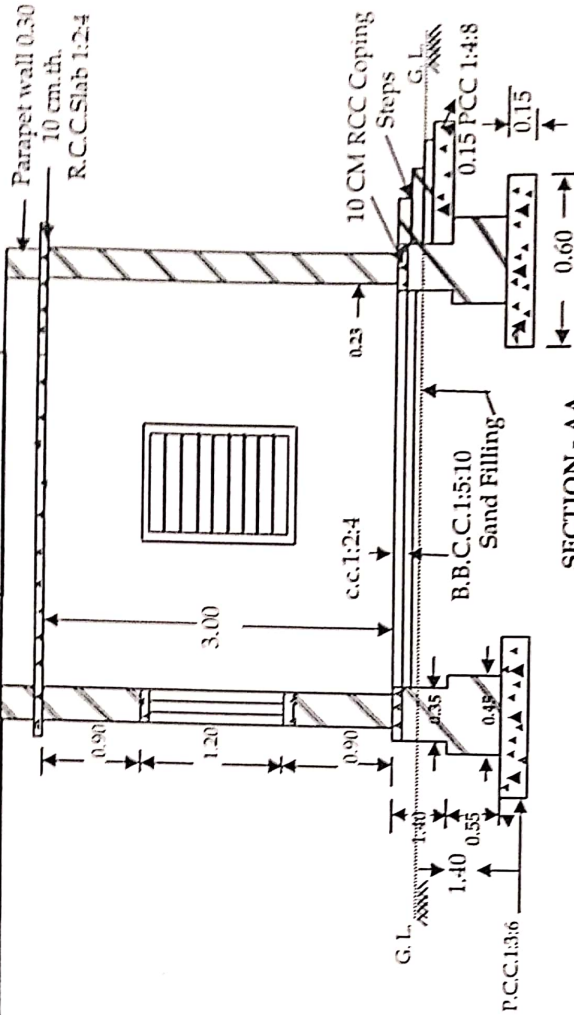
Mo:- +91 7043366005, Email:- Shivil.design@gmail.com

Typical Drawing.

PANNEL ROOM



ELEVATION



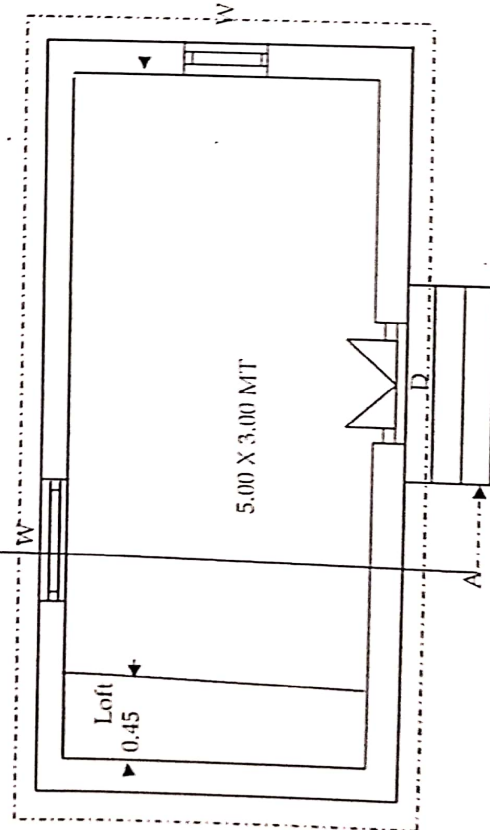
SECTION - AA

M.S. Bar Reinforcement for Slab		
Slab	Dia.	Nos.
Main	12mm	39
Disty.	8mm	26
Coping		
Main	12mm	4
Stirrups	8mm	60

SCHEDULE OF OPENING		
SYMBOL	SIZE (MT)	NO.
D	1.50 X 2.10	1
W	0.90 X 1.20	2

RISER		
STEPS	Ist	IIrd
	0.20	0.20
	0.20	0.30

Note :- Not To Scale



PLAN

GUJARAT WATER RESOURCES DEVELOPMENT CORPORATION LTD.

GANDHI NAGAR

PLAN No 1

PUMP HOUSE

Superintending Engineer

G.W.M. Wing,

VADODARA

Executive Engineer

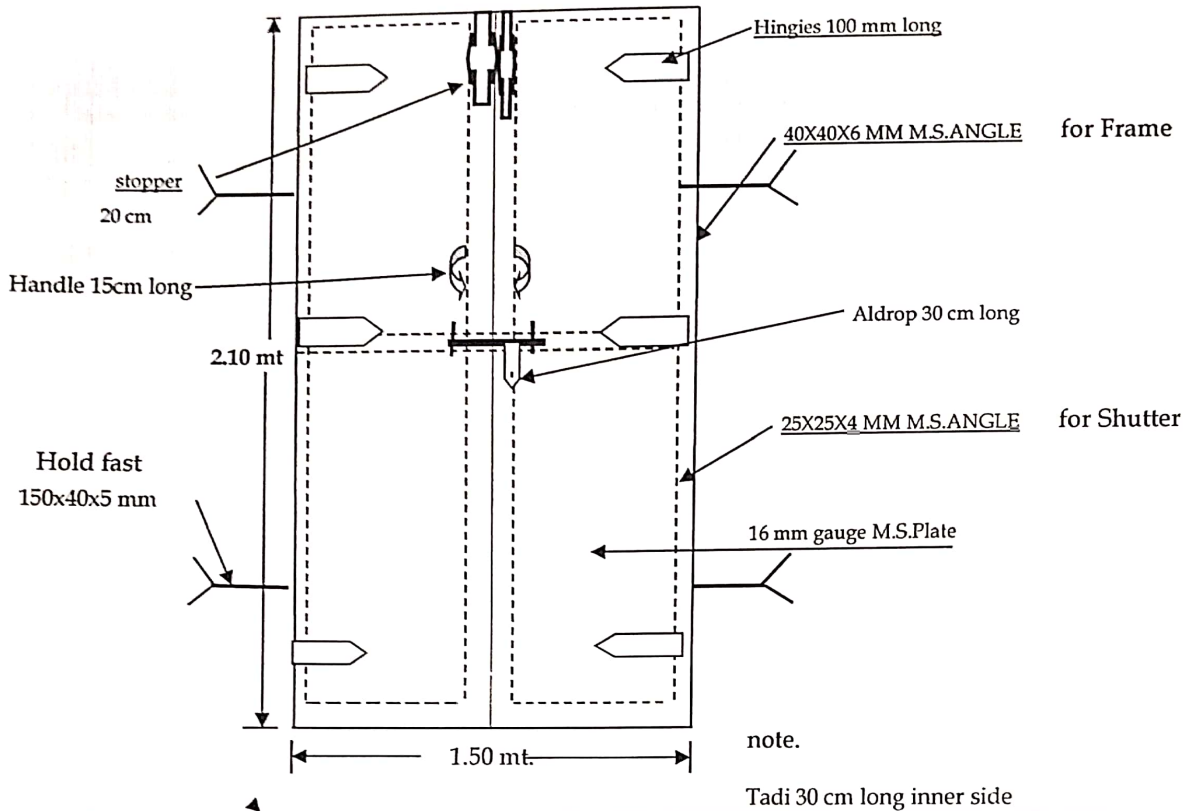
Deputy Executive Engineer

Not To Scale

Detail Drawing of Steel Door

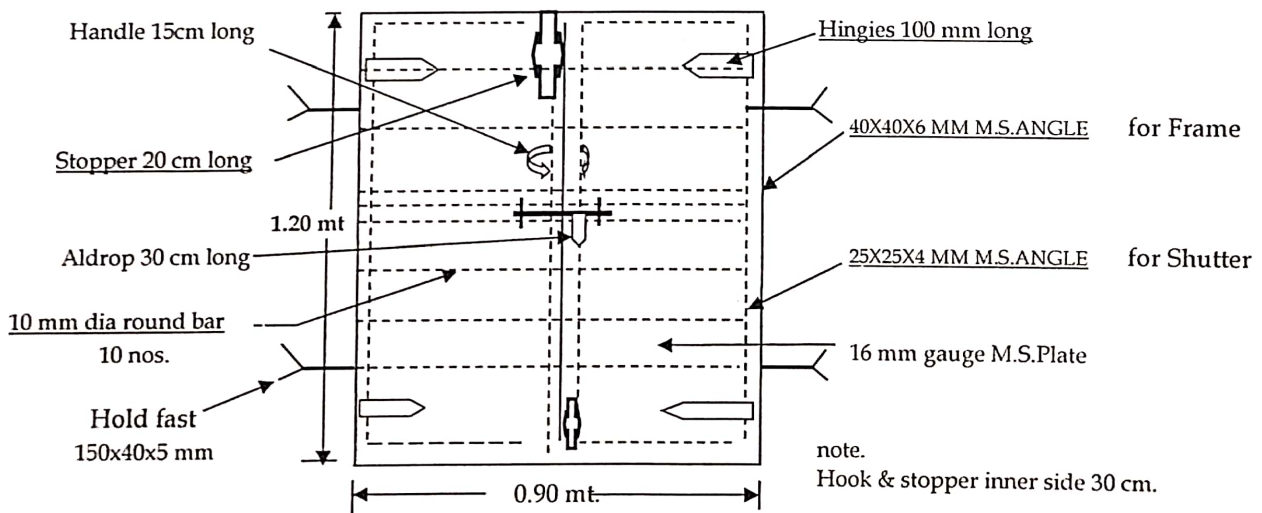
Typical Drawing.

Chochala (Kishori F)



Detail Drawing of Steel Window with R.C.C. Precast lintel.

R.C.C. Precast Lintel

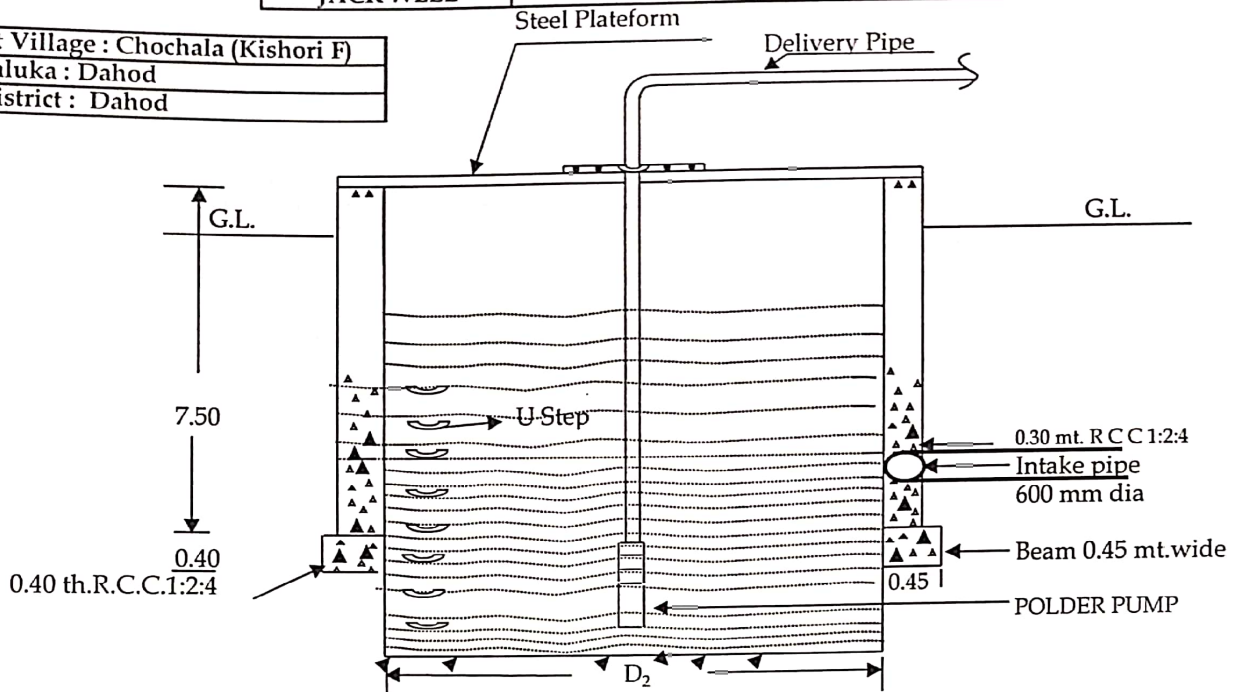


Deputy Executive Engineer
Sub Unit 2/1 (GWM)
Dahod

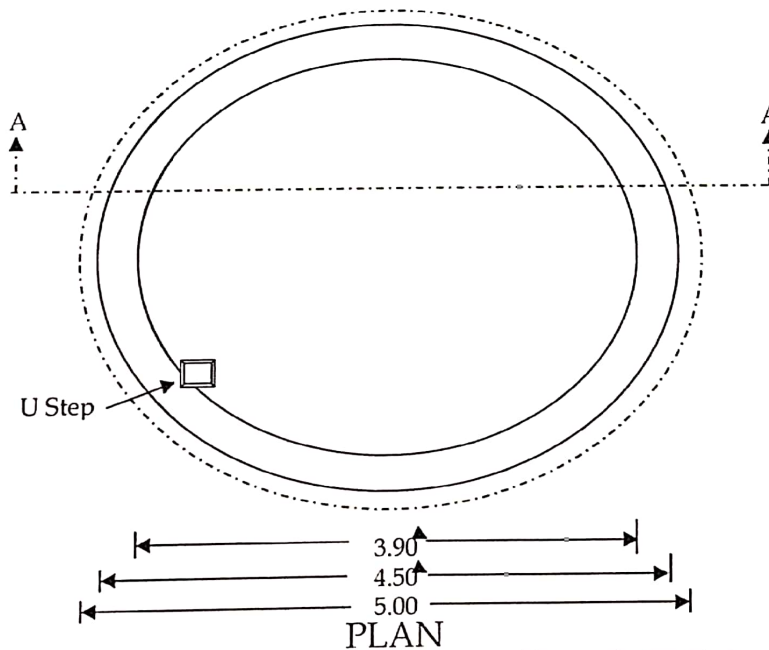
JACK WELL

Typical Drawing

At Village : Chochala (Kishori F)
Taluka : Dahod
District : Dahod



SECTION A - A

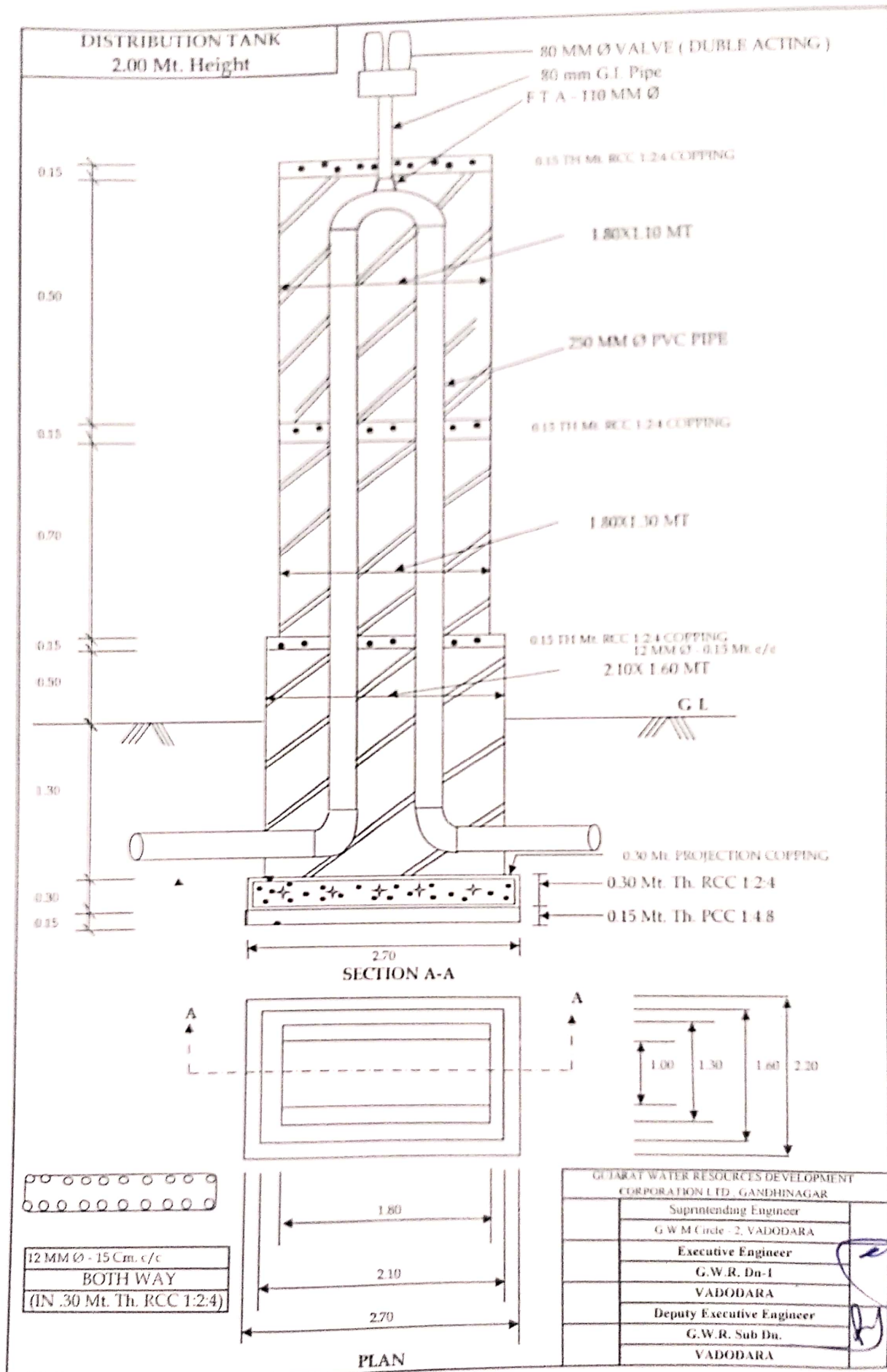


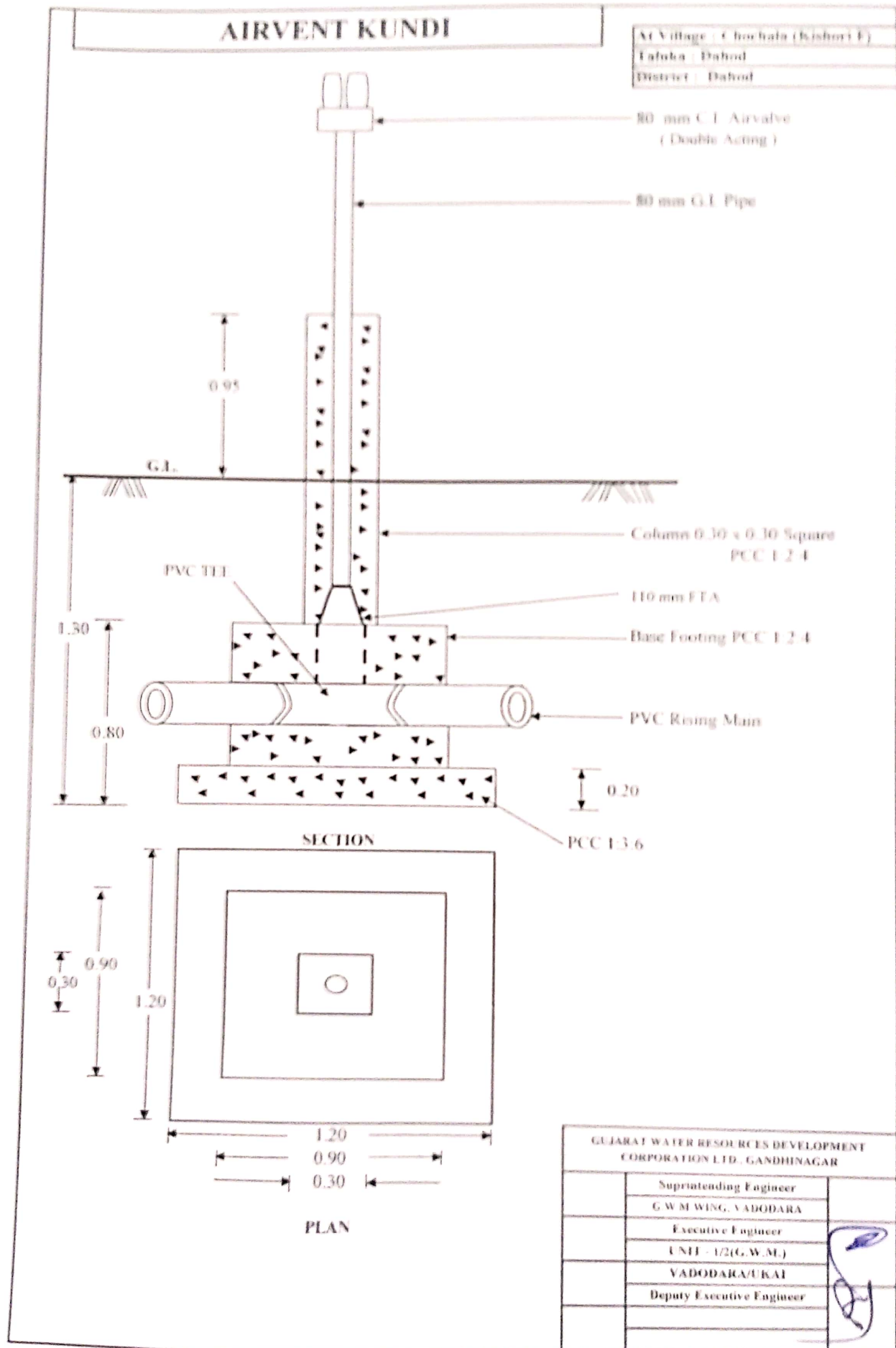
Note :- Not To Scale

GUJARAT WATER RESOURCES DEVELOPMENT CORP. LTD.

GANDHINAGAR

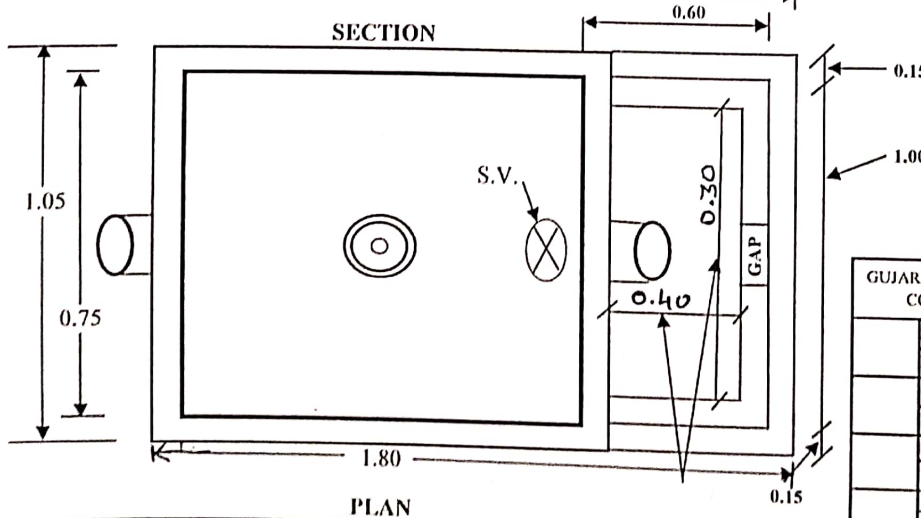
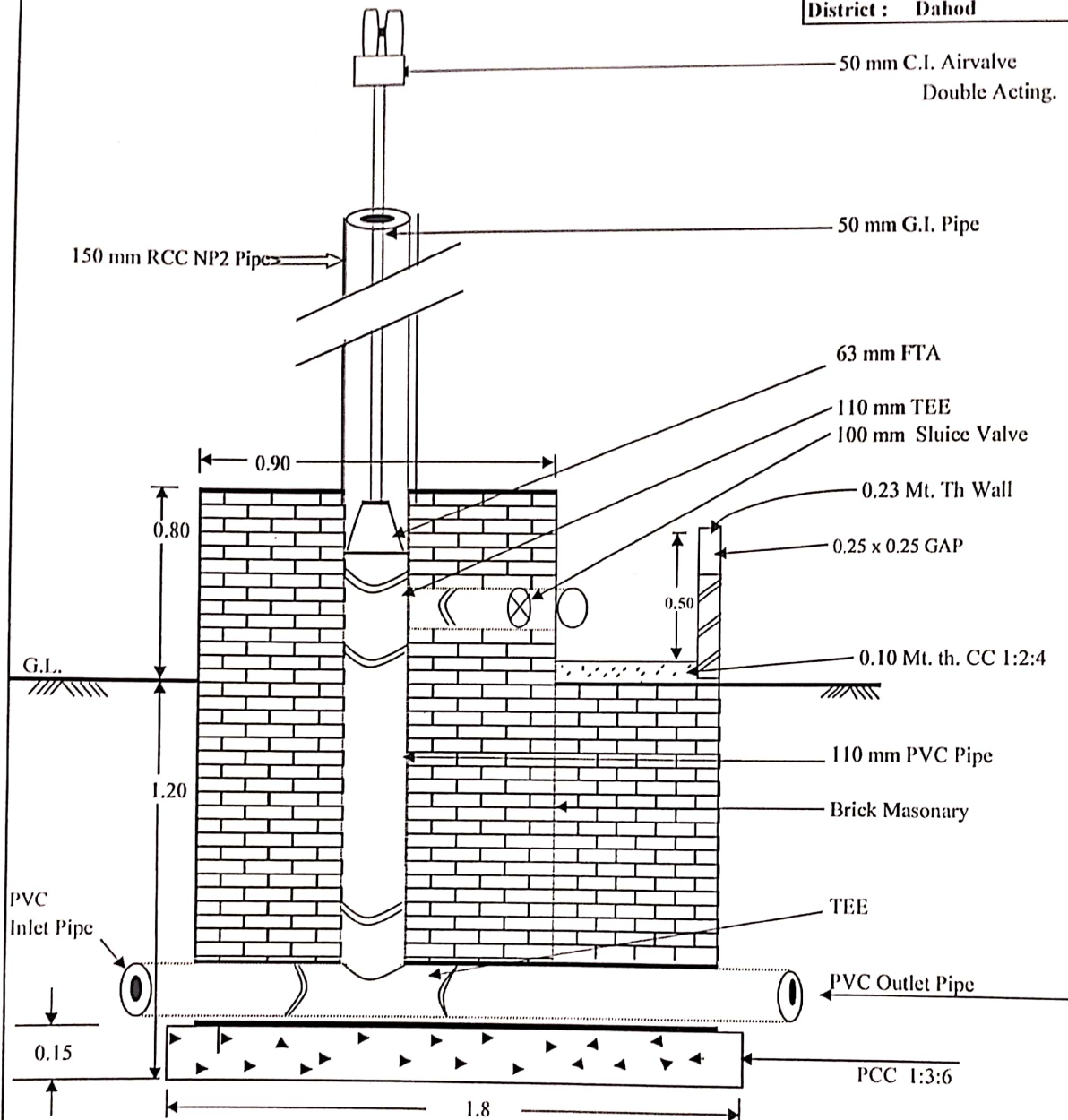
PLAN No	JACK WELL	Scale
	Superintending Engineer	
	G.W.M.WING.	
	VADODARA	
	Executive Engineer	
	UNIT - 1(G.W.M.)	
	VADODARA	
	Deputy Executive Engineer	
	SUB UNIT - 2/1(G.W.M.)	
	Dahod	





AIRVENT CUM OUTLET KUNDI

At Village : Chochala (Kishori F)
Taluka : Dahod
District : Dahod



NOT TO SCALE

GUJARAT WATER RESOURCES DEVELOPMENT CORPORATION LTD., GANDHINAGAR

Suprintending Engineer

G.W.M.WING, VADODARA

Executive Engineer

UNIT - I(G.W.M.)

VADODARA

Deputy Executive Engineer

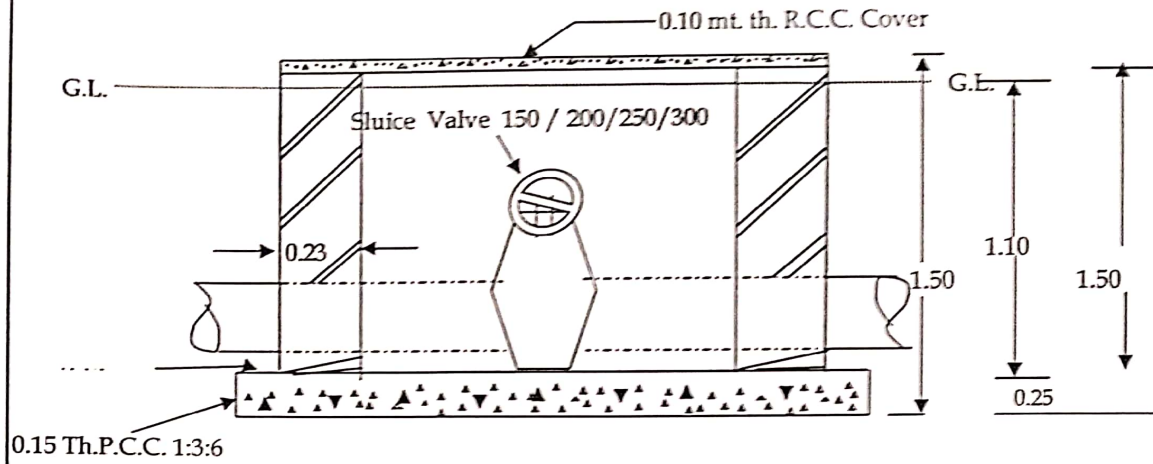
SUB UNIT - 2/I(G.W.M.)

Dahod

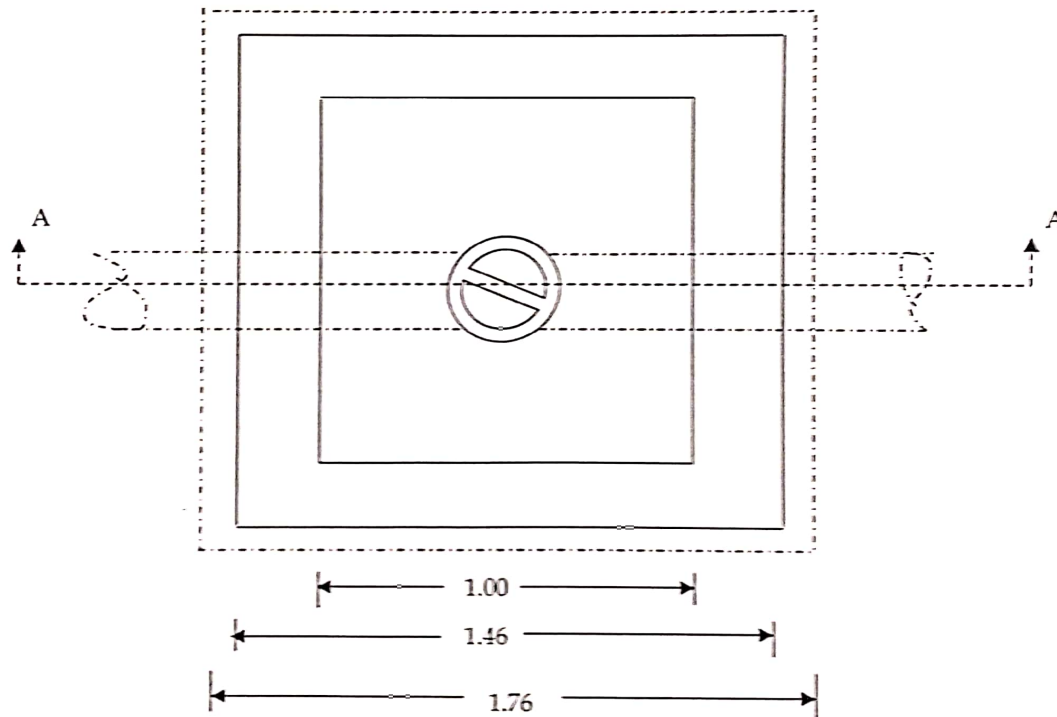


Typical Drawing

SLUICE VALVE CHAMBER



SECTION



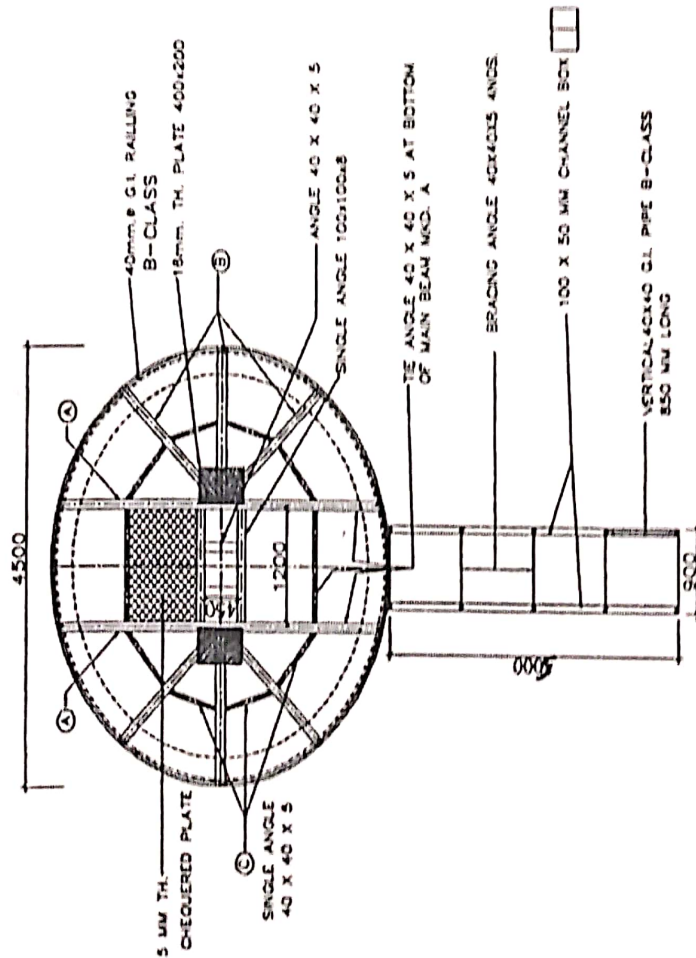
PLAN

Note :- Not To Scale

FOR	S.V Dia
TYPE-A	150 MM
TYPE-B	200 MM
TYPE-C	250 MM
TYPE-D	300 MM

GUJARAT WATER RESOURCES DEVELOPMENT CORP. LTD.		
GANDHINAGAR		
PLAN No	SLUICE VALVE CHAMBER	
	Superintending Engineer	
	G.W.M.WING	
	VADODARA	
	Executive Engineer	
	UNIT - 1/2(G.W.M.)	
	VADODARA/UKAI	
	Deputy Executive Engineer	
	Sub Unit 2/1 (GWM)	
	Dahod	


NOTE: LOAD CARRYING CAPACITY OF PLATFORM IS 3.5 M.T.



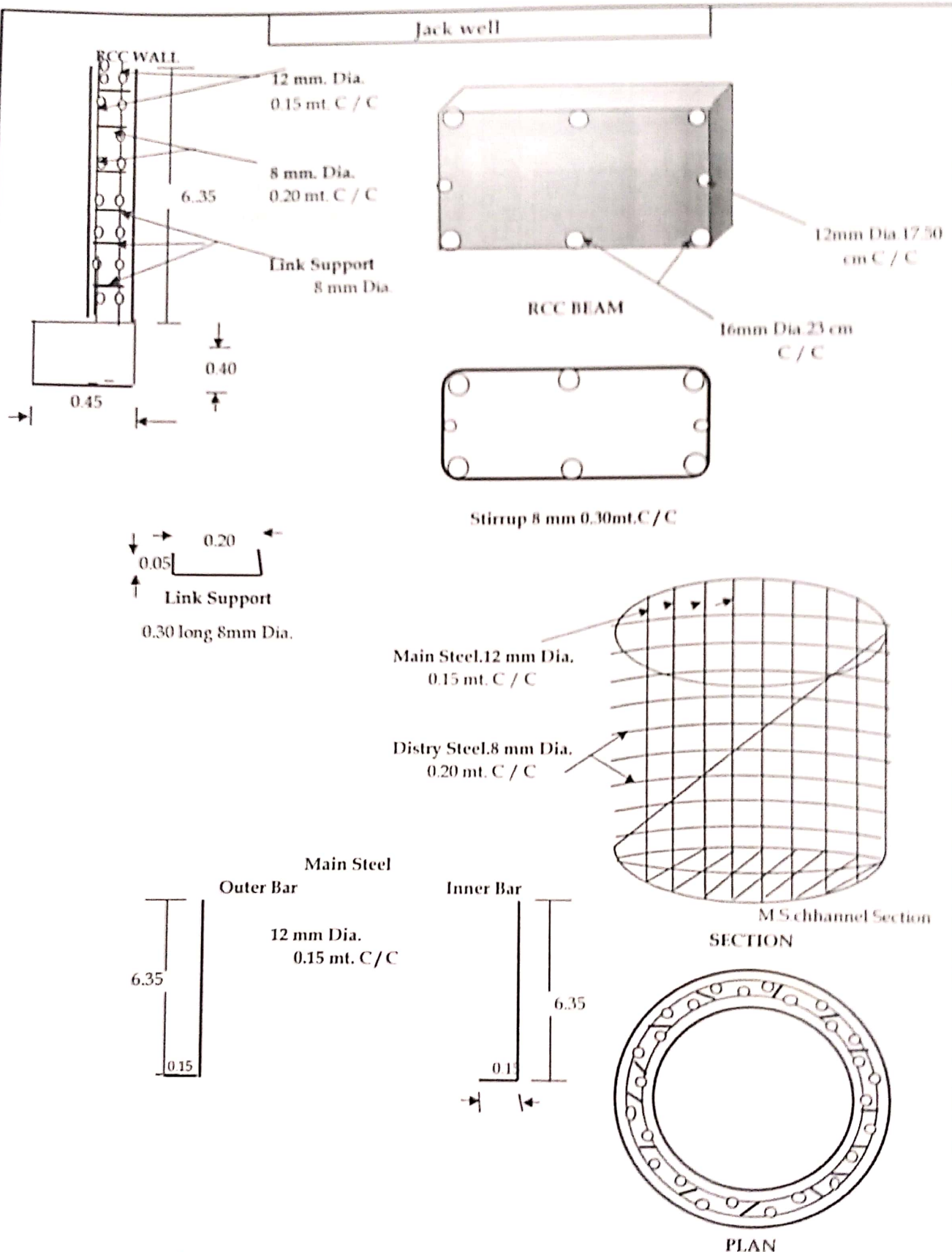
DETAIL OF MEMBER MKD, A (4500 MM LONG)



DETAIL OF MEMBER W4D. B(1700 MM LONG)

 MANISH SHAH
B.E. CIVIL
Structural Engineer
V.M.C. No. 51-44
VUDA Lic. No. _____

GUJARAT WATER RESOURCES DEVELOPMENT CORPORATION LTD. GANDHINAGAR	
PLAN NO.	M.S.PLATFORM 4500
	Superintending Engineer
	G.W.M.WING
	VADODARA
	Executive Engineer
	UNIT - 1(G.W.M.)
	VADODARA
	Deputy Executive Engineer
	SUB UNIT - 2(G.W.M.) - Dabhoi

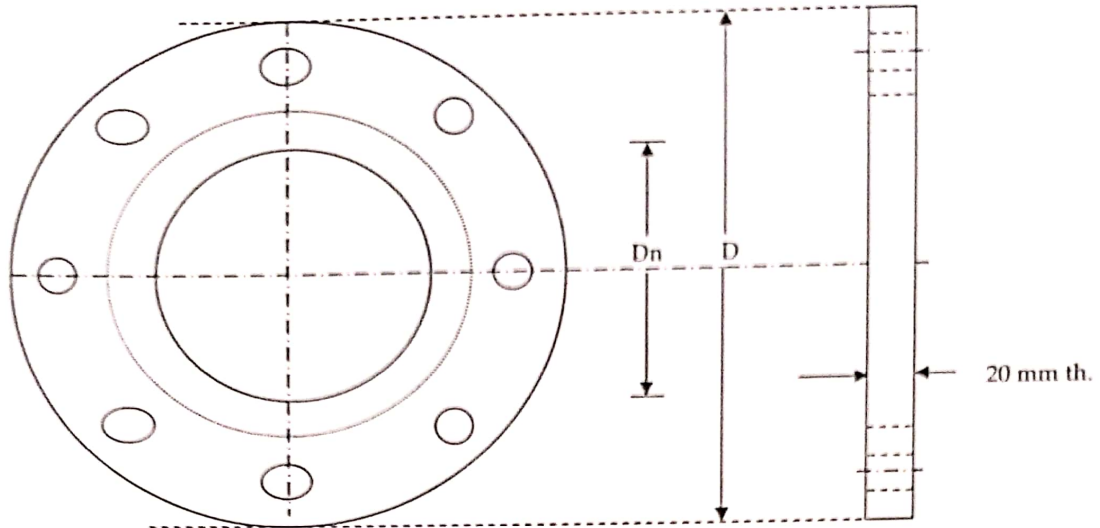


Note.

- 1 If Full length bar are not available necessary Over laping if any shall be in a staggered way.
 - 2 Over laping shall be as per specification
- Schedule of reinforcement is only for guidance. It shall be verified before cutting & bending of 3 bar.

DIAMENTIONAL DETAIL OF M.S. FLANGE

Chochala (Kishori F)



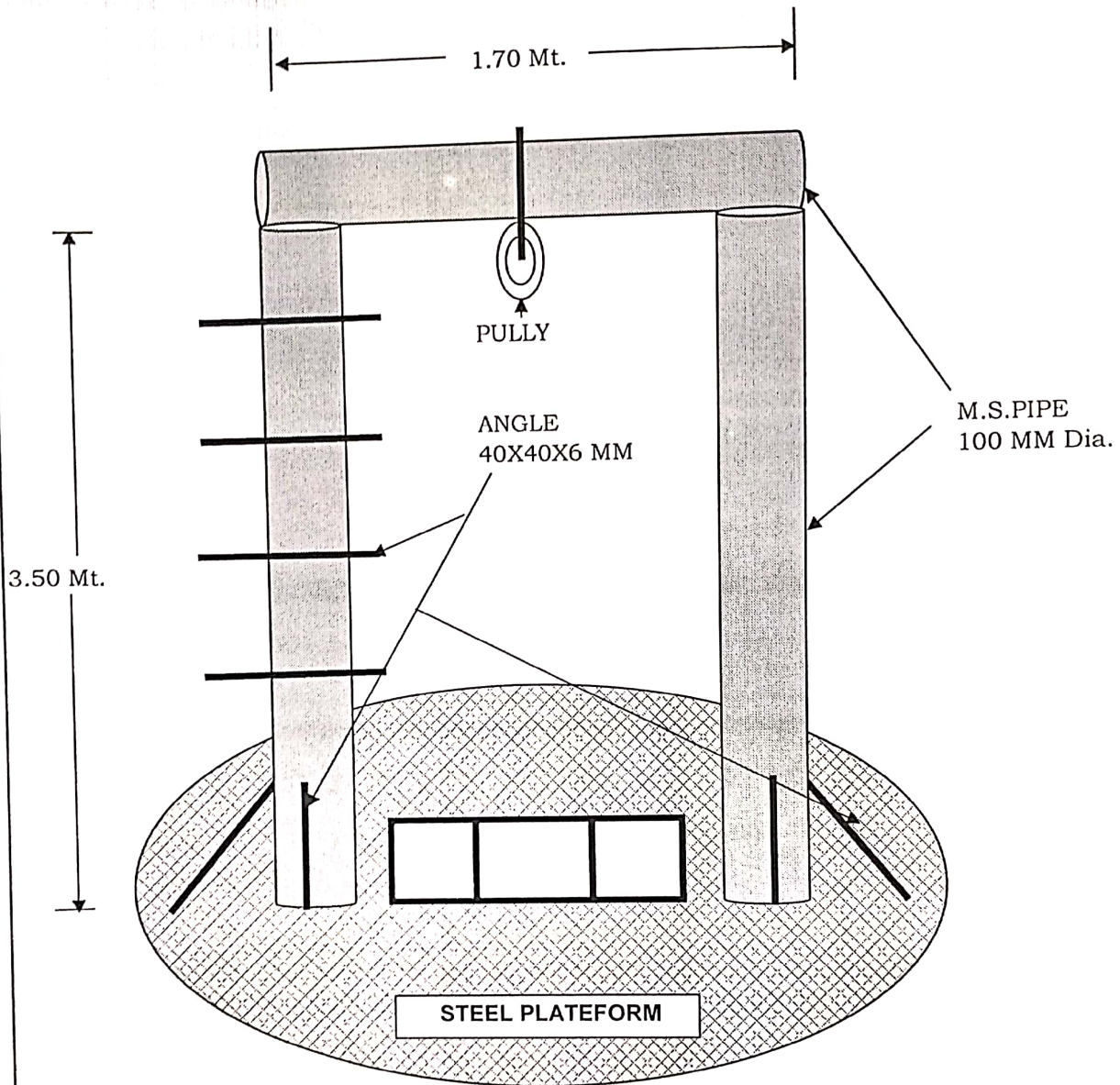
Sr. No.	Nominal Bore of Pipe	125 mm	150 mm	200 mm	250 mm
1	D > Out side diameter of flange in mm	250	285	340	395
2	Dn > Inside diameter of flange in mm	143	170	221	275
3	R > Radius of Centerline of hole in mm	105	120	147	175
4	DG > Diameter of Groove of 3 mm depth in mm DG = Dn - 12 mm	155	182	233	287
5	Nos. of Hole & Diameter in mm	8 20	8 20	8 20	12 22
6	T > Thickness of the flange in mm	20	20	20	20
7	Nut & Bolt with two washer full threaded Size. 3/4" x 3"	8	8	8	12

GUJARAT WATER RESOURCES DEVELOPMENT CORPORATION LTD., GANDHINAGAR

PLAN NO.	DIAMENTIONAL DETAIL OF M.S. FLANGE	Scale
	Suprintending Engineer	
	G.W.M.WING	
	VADODARA	
	Executive Engineer	
	UNIT - 1(G.W.M.)	
	VADODARA	
	Deputy Executive Engineer	
	SUB UNIT - 2/1(G.W.M.) Dahod	

DRAWING FOR PUMP LOWERING ARRANGEMENT

Chochala (Kishori F)



M.S.Angle 40x40x6 mm				GUJARAT WATER RESOURCES DEVELOPMENT CORP. LTD.		
		Nos.	Lth.	GANDHINAGAR		
For Step		4	0.3	PLAN No	PUMP LOWERING	Scale
Support		2x3	0.9		Superintending Engineer	
Note to Scale					G.W.M.WING	
					VADODARA	
					Executive Engineer	
					G.W.M.WING	
					VADODARA	
					Deputy Executive Engineer	
					G.SUB UNIT - 2/1(G.W.M.)	
					Dahod	