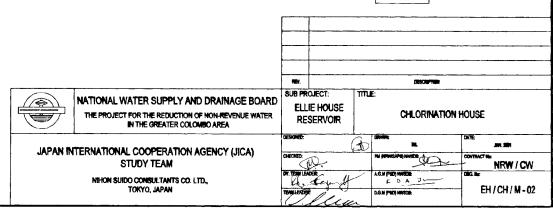
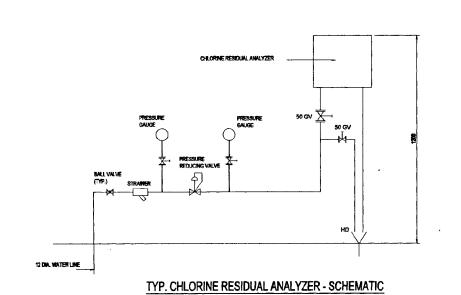
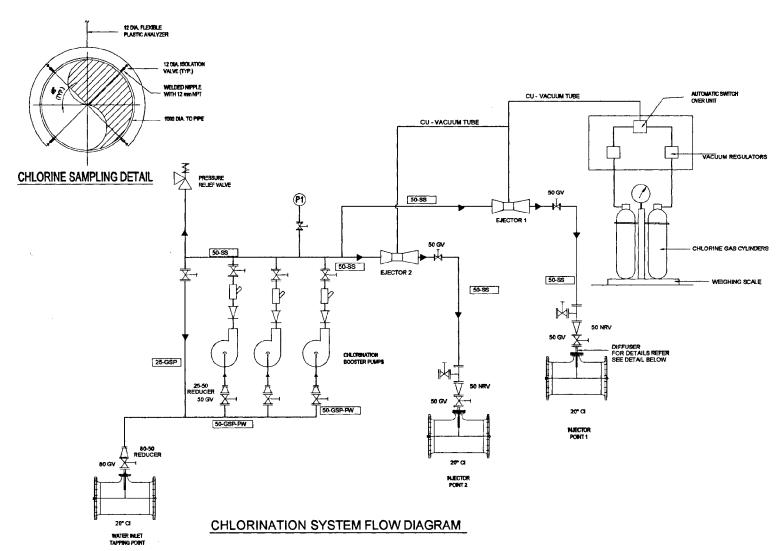


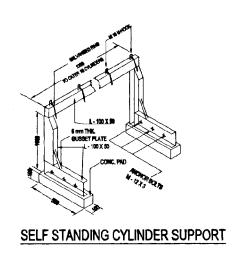
SECTION A-A
SCALE-1:50

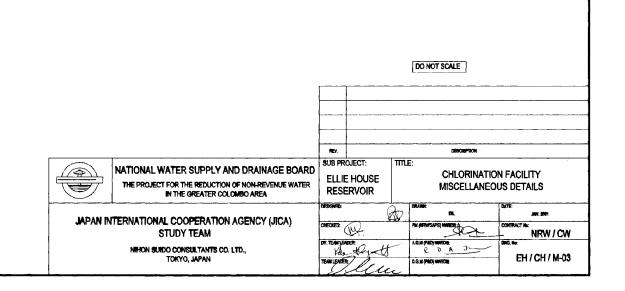


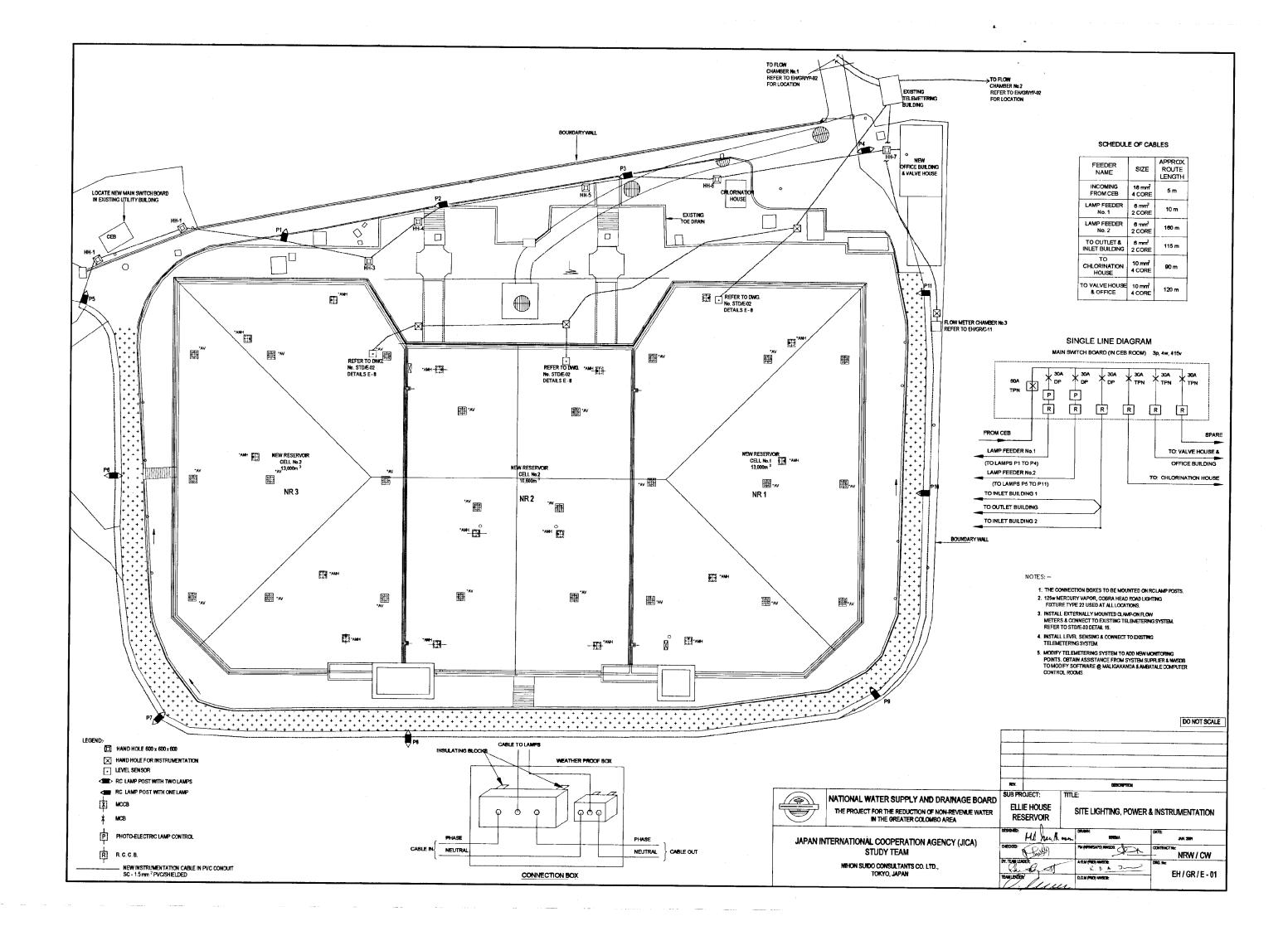


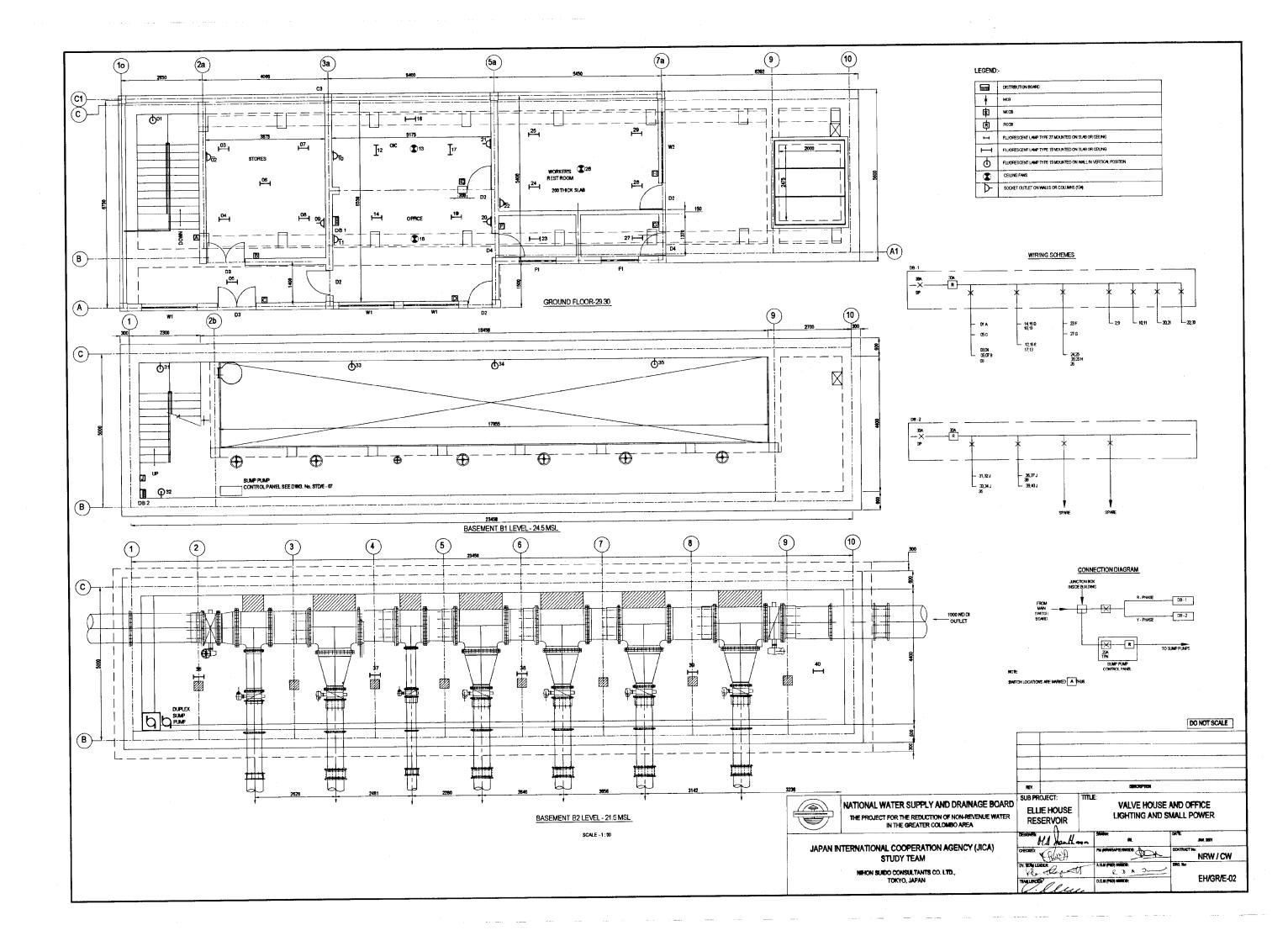


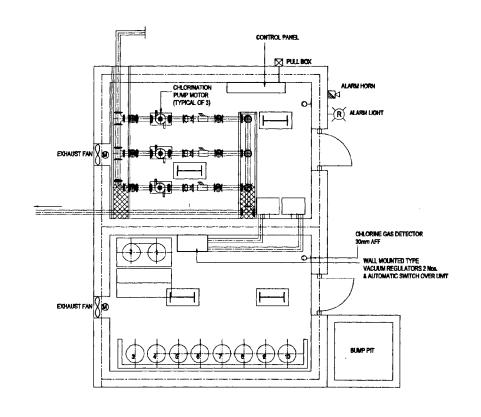


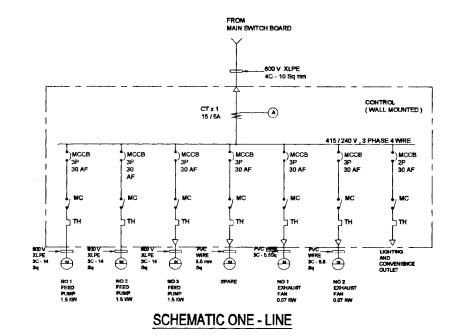










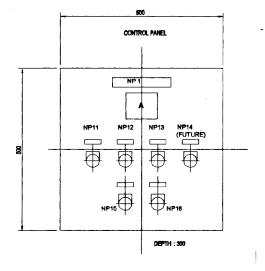


NP	DESCRIPTION
NP 1	SWITCH BOX (CHLORINATION)
NP 11	FEED PUMP No .1 (1.5 KW)
NP 12	- DO - No . 2 (1.5 KW)
NP 13	- DO - No . 3 (1.5 KW)
NP 14	FUTURE
NP 15	EXHAUST FAN No. 1 (0.07 KW)
NP 16	- DO - No . 2 (0.07 KW)

FOR VENTILATION FAN MOTOR , HAVING SMALL OUTPUT (0.07 KW) , SINGLE PHASE MAY BE APPLIED

PROVIDE REMOTE SWITCH TO START FANS No. 2 IN CHLORINE STORAGE ROOM.

PLAN SCALE - 1:25



THE EINCLOSURE OF THE DISTRIBUTION BOARD SHALL BE WATER - TIGHT (IP 65 OR BETTER) AND SHALL BE PROTECTED AGAINST CORROSION IN A CHLORINE CONTAMINATED ATMOSPHERE.

ALL WIRING SHALL BE IN RIGID PVC CONDUITS, FLILLY SEALED AGAINST INGRESS OF ANY LIQUID.

FLUORESCENT LAMP TYPE 21 MOUNTED ON RC SLAB OR CEILING

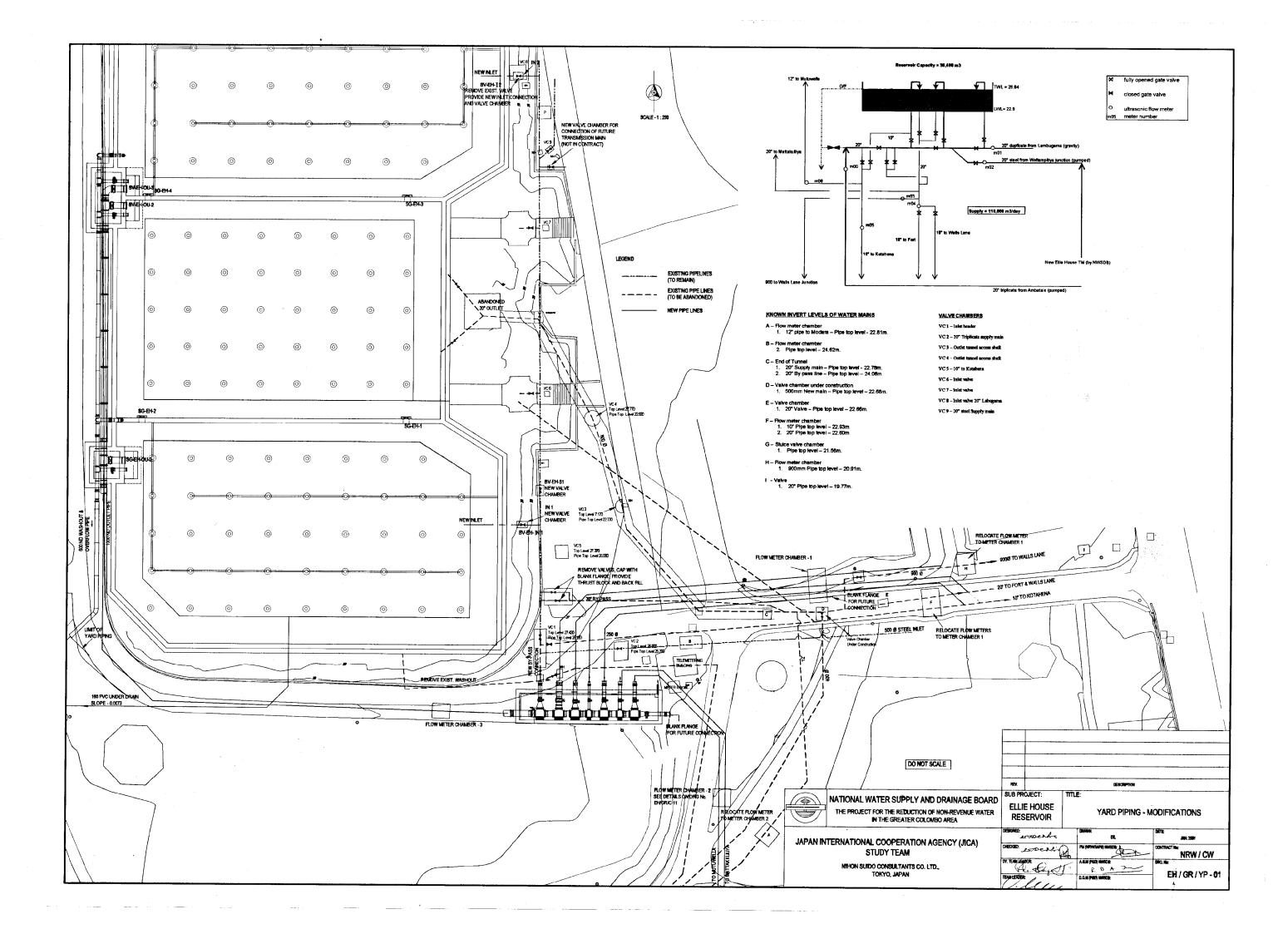
DO NOT SCALE

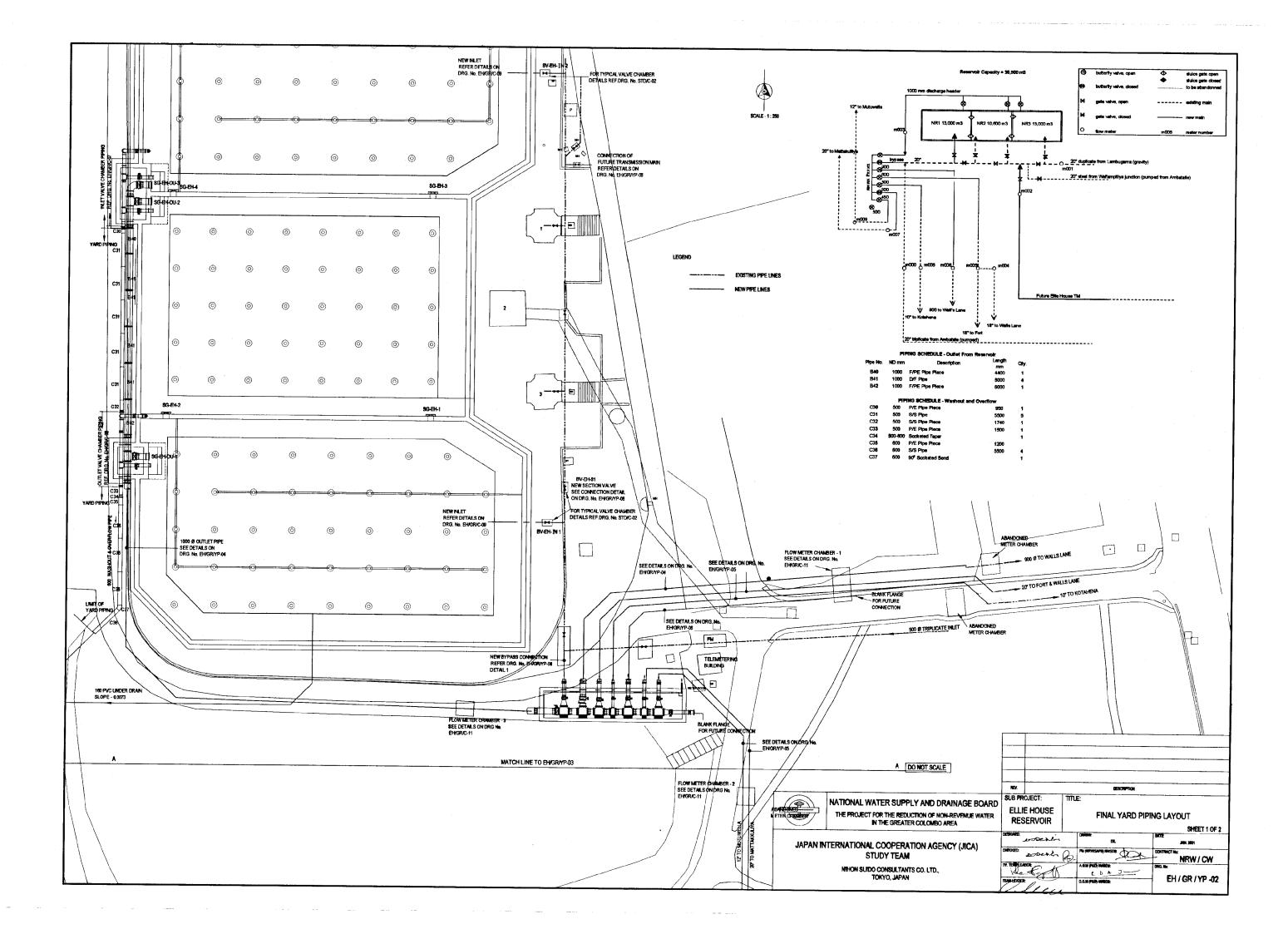
NATIONAL WATER SUPPLY AND DRAINAGE BOARD THE PROJECT FOR THE REDUCTION OF NON-REVENUE WATER IN THE GREATER COLOMBO AREA

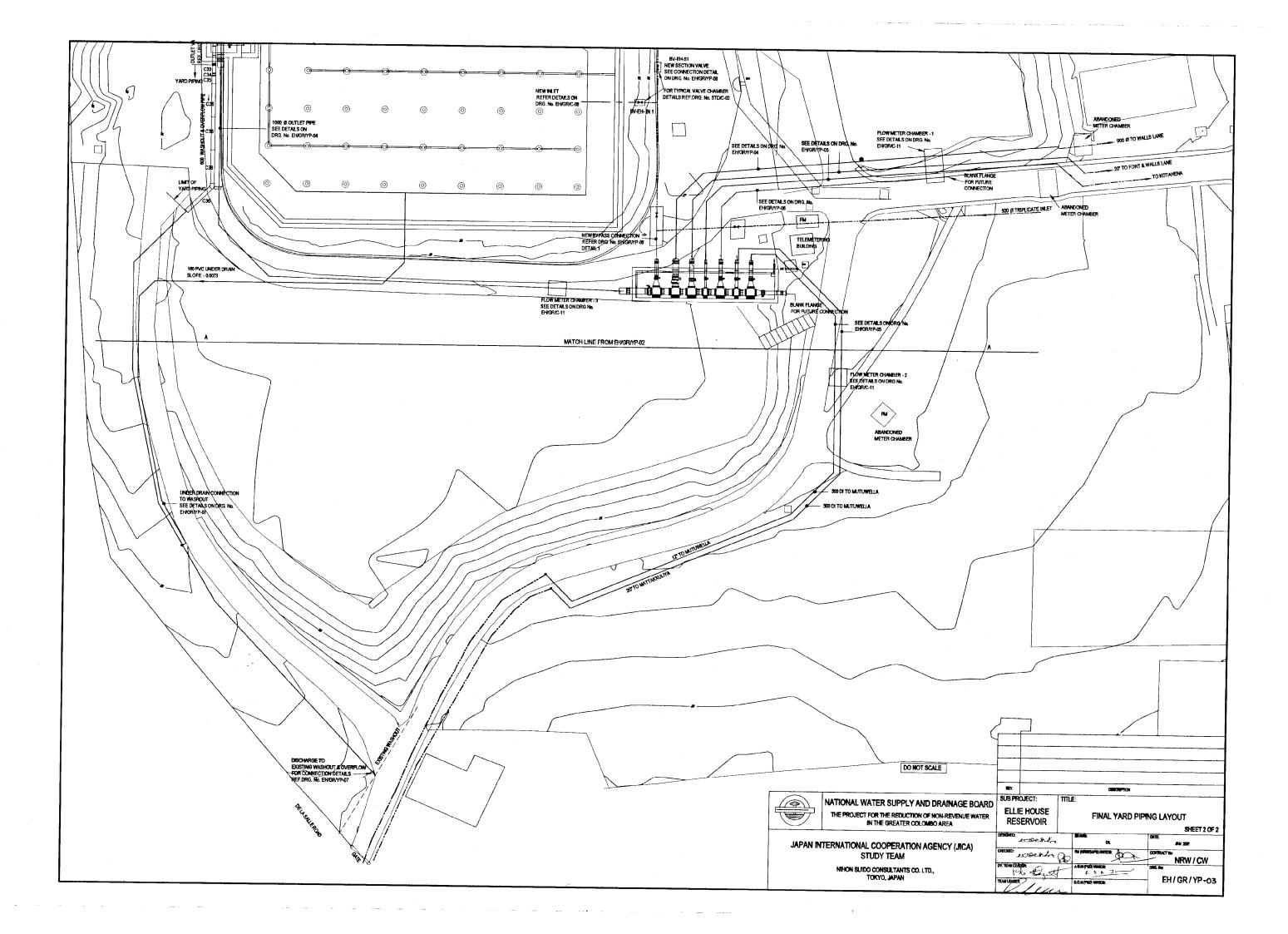
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

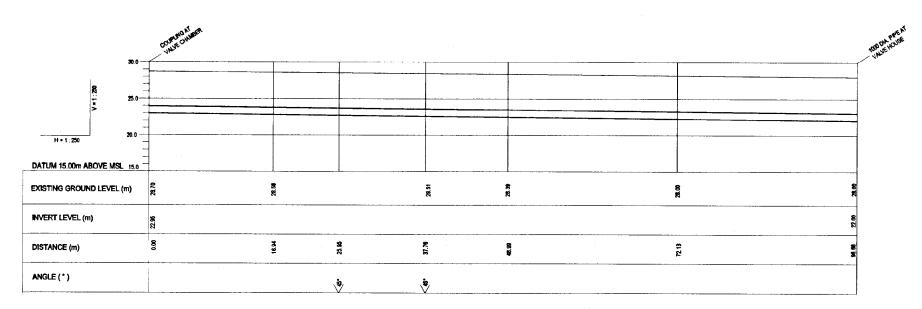
NIHON SUIDO CONSULTANTS CO. LTD., TOKYO, JAPAN

SUB PROJECT: **ELLIE HOUSE** CHLORINATION HOUSE RESERVOIR POWER & LIGHTING CHECKED. NRW/CW EH/CH/E-01

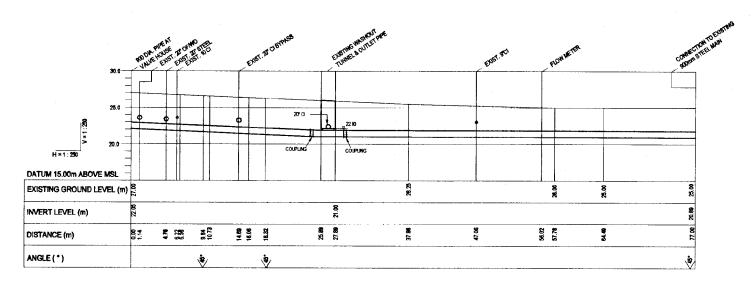




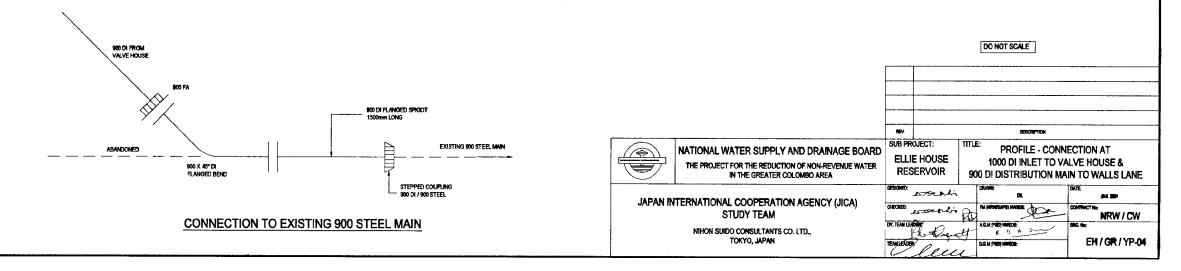




1000 Ø DI INLET TO VALVE HOUSE

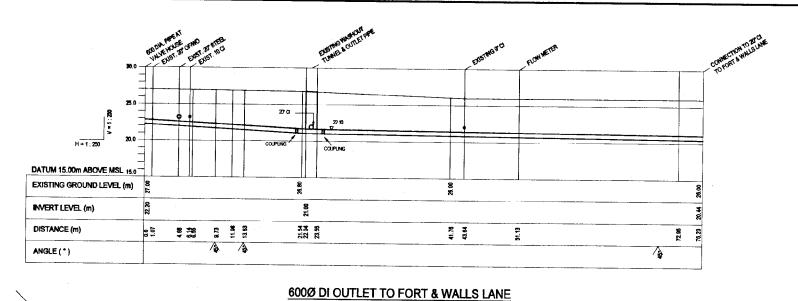


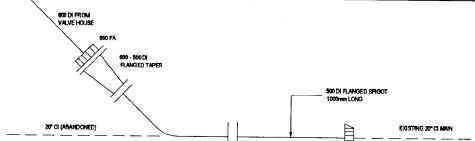
900Ø DI OUTLET TO WALLS LANE



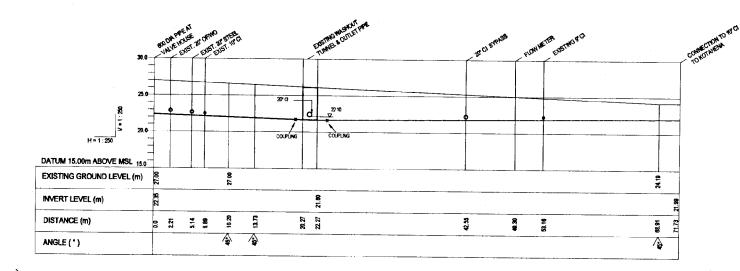
 4m SECTION OF PIPE UNDER EXISTING TUNNEL INSTALLED BY JACKING OR ANOTHER METHOD THAT WILL NOT DAMAGE THE TUNNEL OR OUTLET PIPE.

2. EXISTING PIPE INVERT LEVELS TO BE CONFIRMED BY CONTRACTOR BEFORE STARTING.





CONNECTION TO EXISTING 20" CI MAIN TO FORT AND WALLS LANE

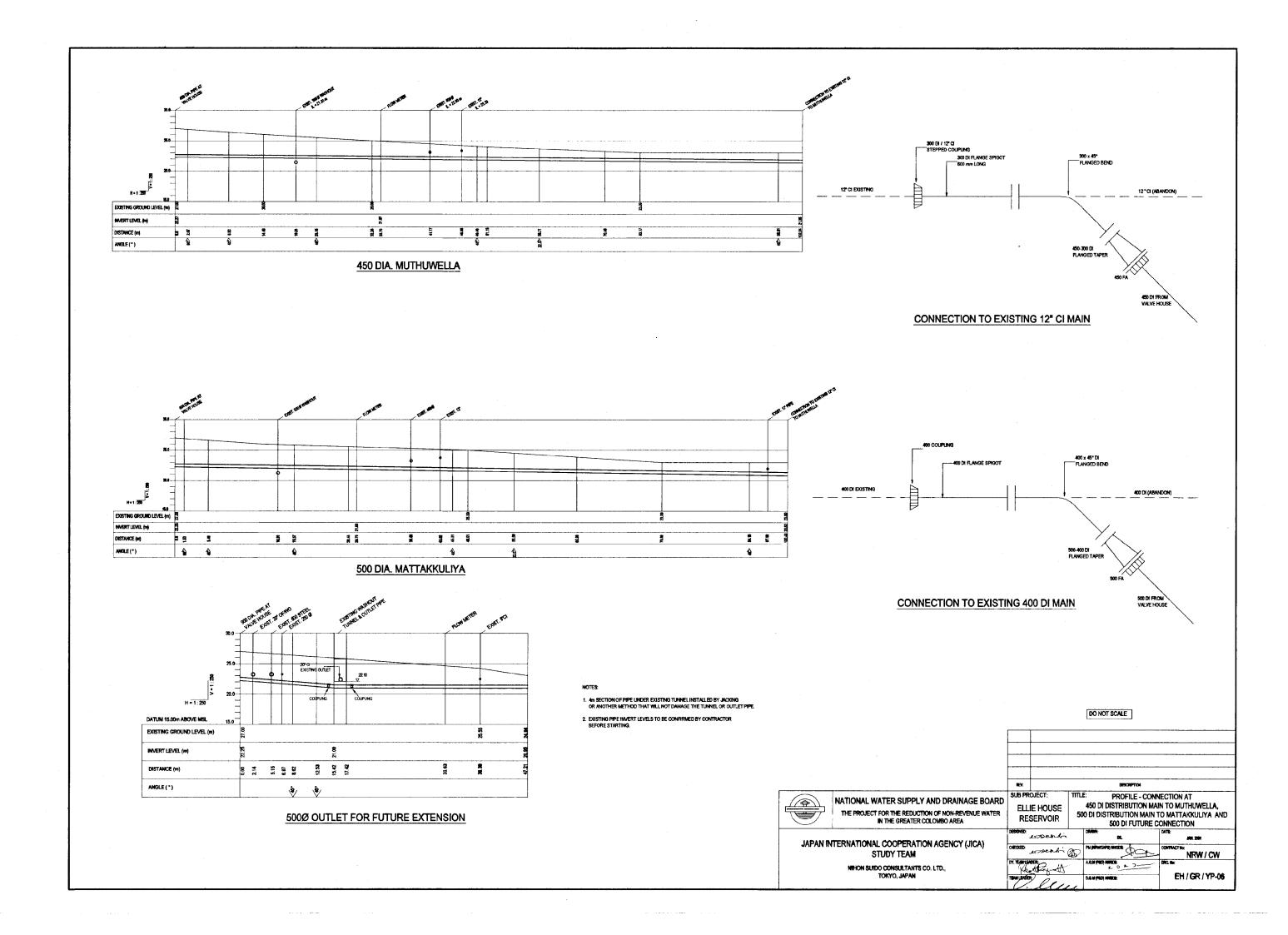


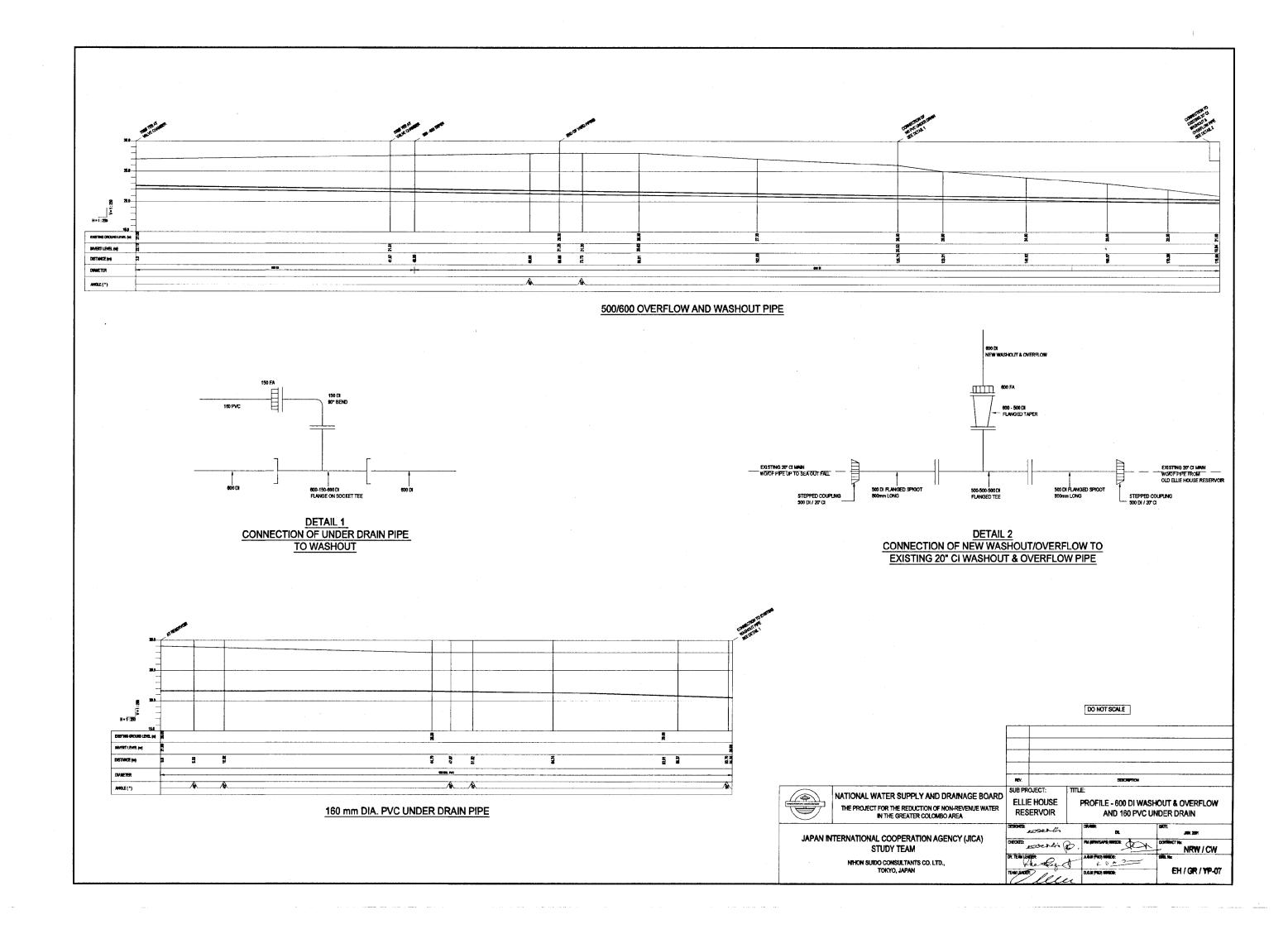
- 4m SECTION OF PIPE UNDER EXISTING TUNNEL INSTALLED BY JACKING OR ANOTHER METHOD THAT WILL NOT DAMAGE THE TUNNEL OR CULTLET PIPE.
- 2. EXISTING PIPE INVERT LEVELS TO BE CONFIRMED BY CONTRACTOR BEFORE STARTING.

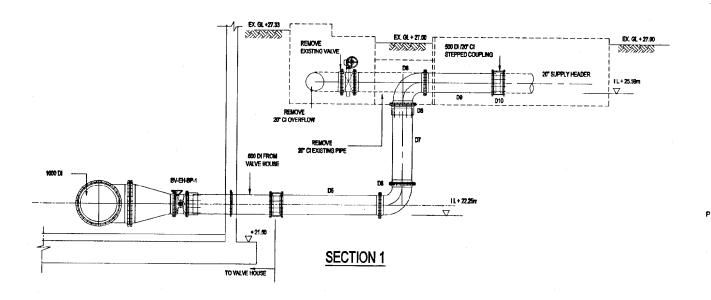
300Ø DI OUTLET TO KOTAHENA 250 DI FLANGED SPIGOT 500mm LONG 10" CI (ABANDONED) EXISTING 10" CI MAIN STEPPED COUPLING 250 DI / 10° CI CONNECTION TO EXISTING 10" CI MAIN TO KOTAHENA

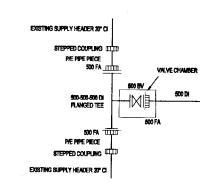
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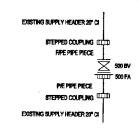
		REV.			DESCRIPTION	
	NATIONAL WATER SUPPLY AND DRAINAGE BOARD THE PROJECT FOR THE REDUCTION OF NON-REVENUE WATER IN THE GREATER COLOMBO AREA	RES	OJECT: IE HOUSE SERVOIR	TITLE:	PROFILE - CONF 600 DI DISTRIBUT FORT & WALLS DI DISTRIBUTION M	TION MAIN TO
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) STUDY TEAM			aserb.	DRAWN:	9.	DATE:
		l	essente	△	Jen .	NRW/CW
	NIHON SUIDO CONSULTANTS CO. LTD., TOKYO, JAPAN	TEAM LEADER	way of	DAM (PRO)	D V 3	EH / GR / YP-05











FUTURE TRANSMISSION CONNECTION DETAIL

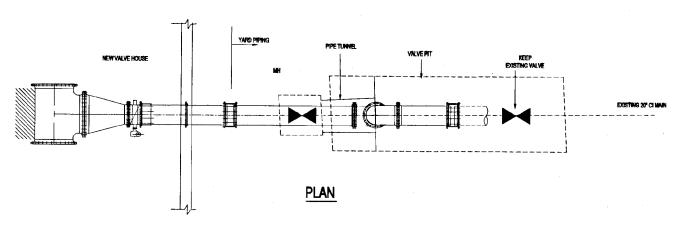
QTY.

(NOT IN CONTRACT)

CONNECTION DETAIL FOR NEW SECTIONAL VALVE - BV-EH-S1

PIPING SCHEDULE	
DESCRIPTION	LENG
DECOM HOW	mm
/PE Pipe Piece	2816
90° Flanged Bend	
-	

500 500 F/PE Pipe Piece Flange Adaptor



CONNECTION OF EXISTING 20" CI MAIN

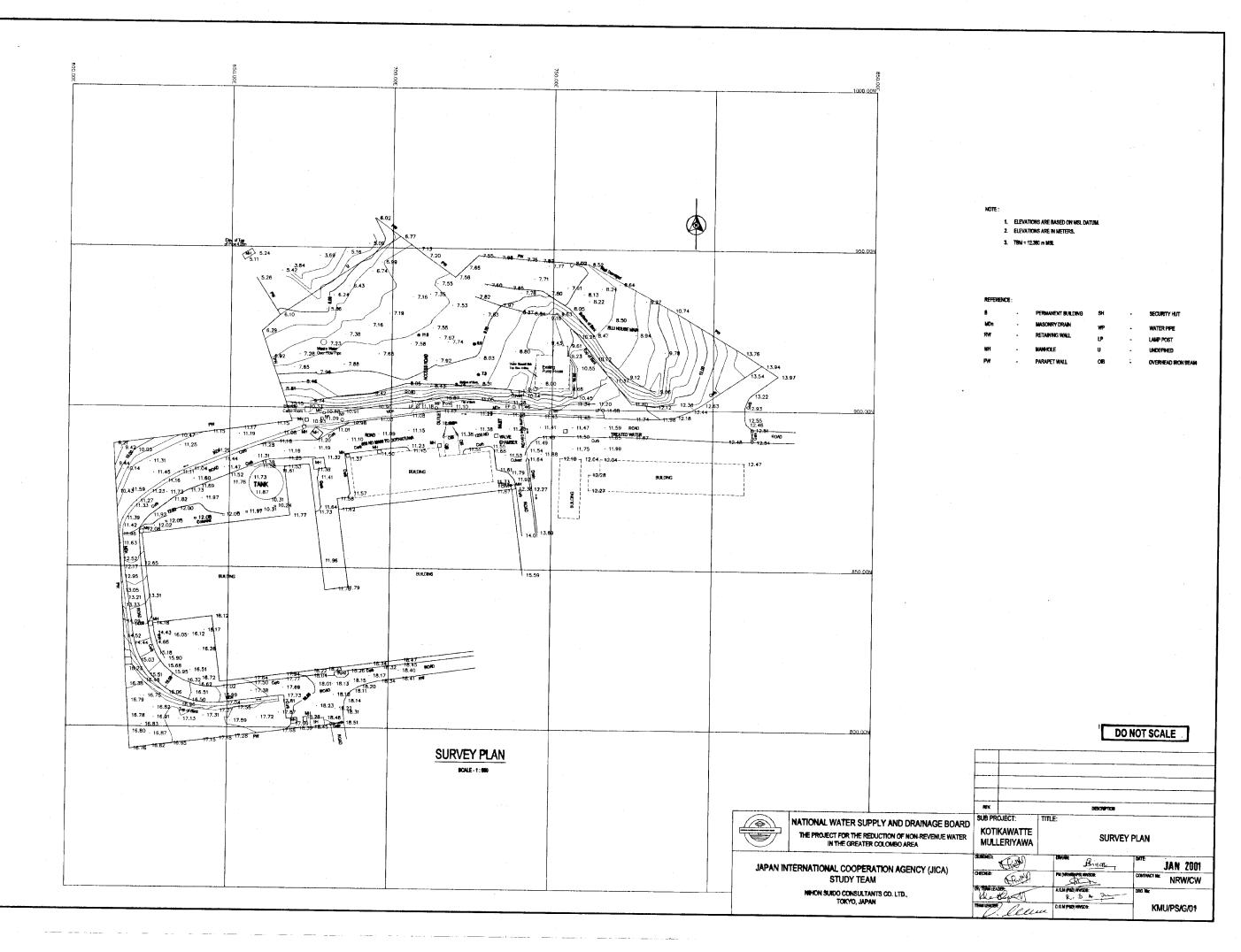
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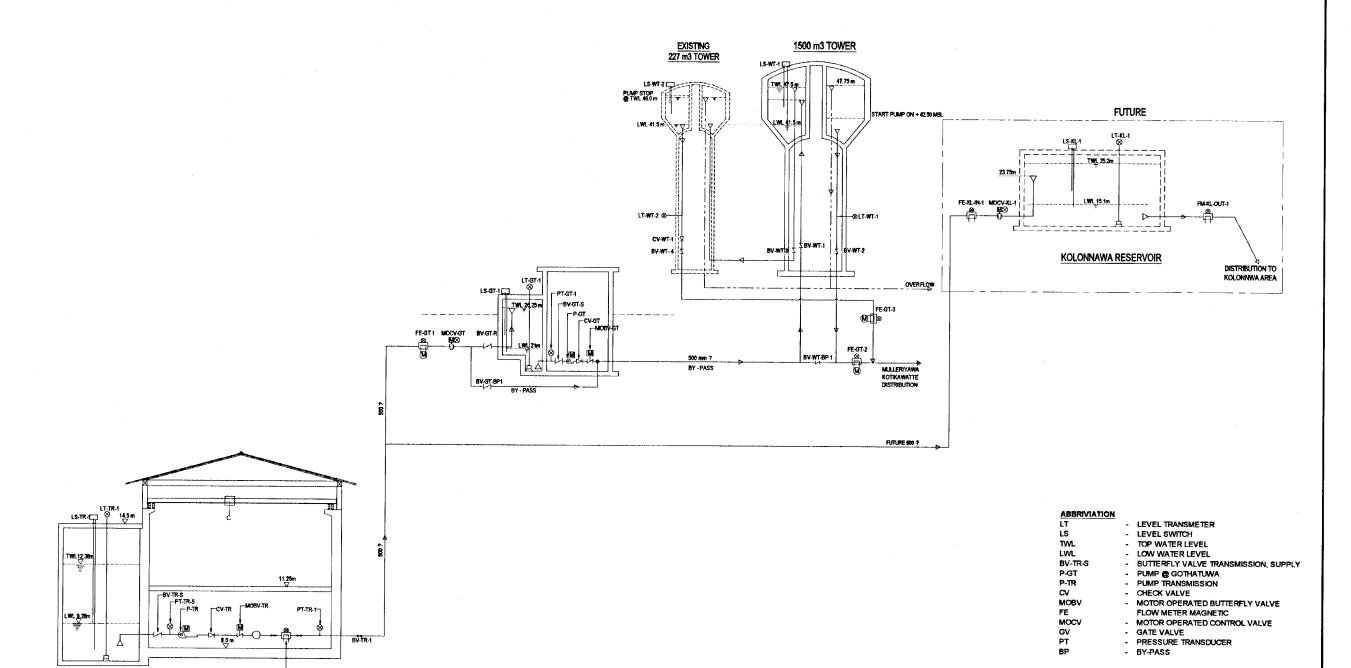
NATIONAL WATER SUPPLY AND DRAINAGE BOARD THE PROJECT FOR THE REDUCTION OF NON-REVENUE WATER IN THE GREATER COLOMBO AREA

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) STUDY TEAM

NTHON SUIDO CONSULTANTS CO. LTD., TOKYO, JAPAN

SUB PROJECT: MISCELLANEOUS YARD PIPING **ELLIE HOUSE** CONNECTION DETAILS RESERVOIR NRW/CW EH/GR/YP-08

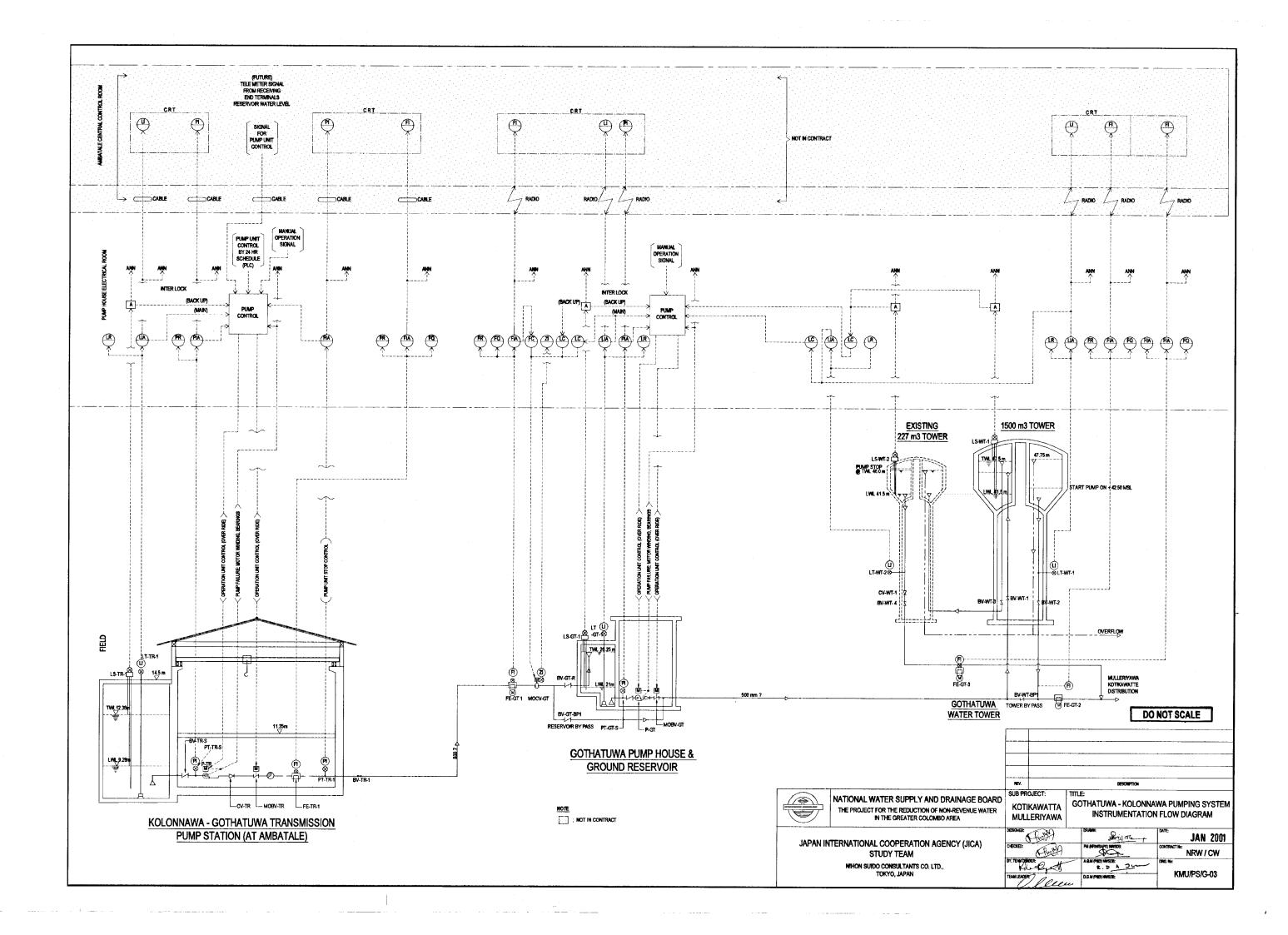


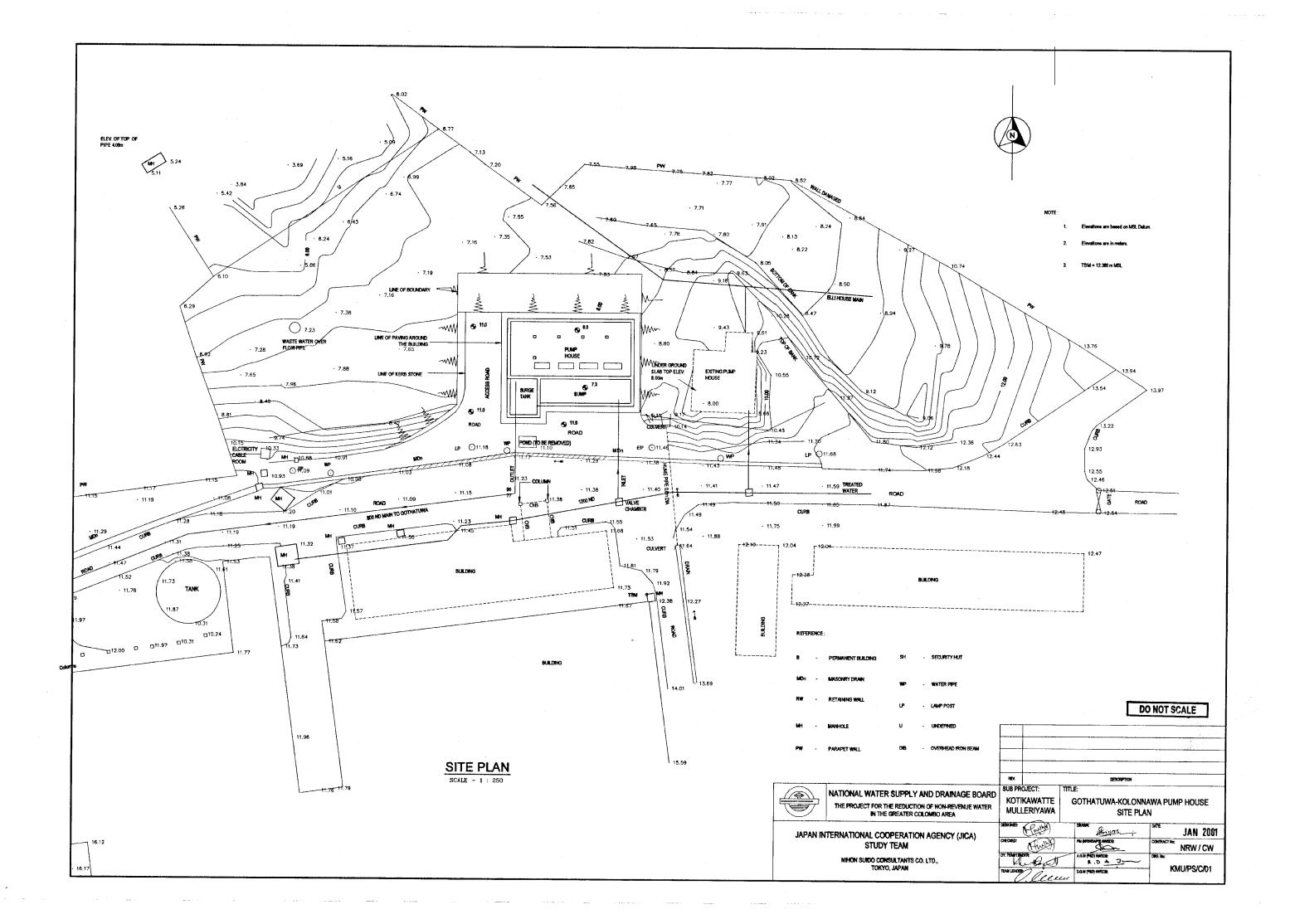


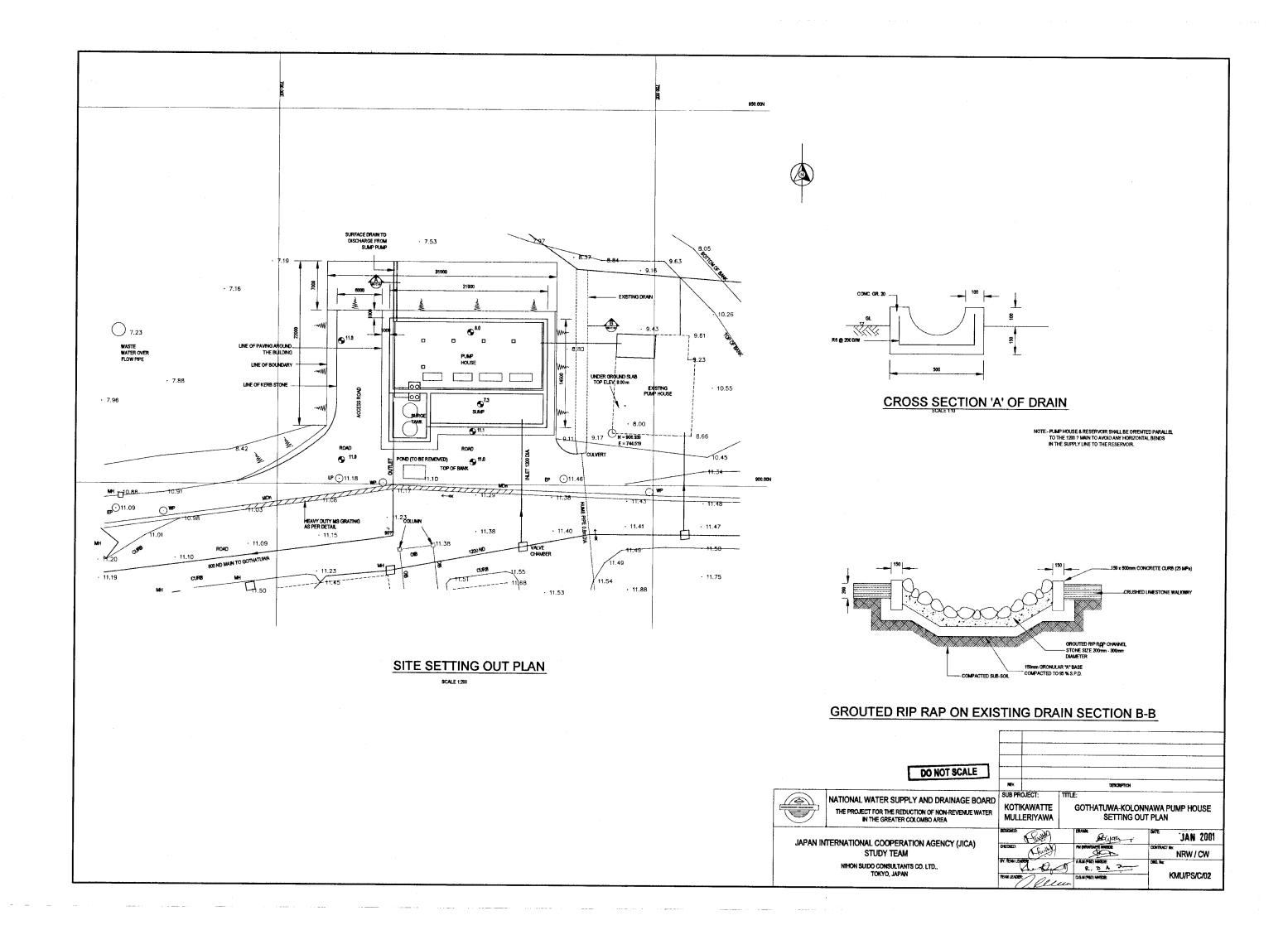
KOLONNAWA - GOTHATUWA TRANSMISSION PUMP STATION AT AMBATALE

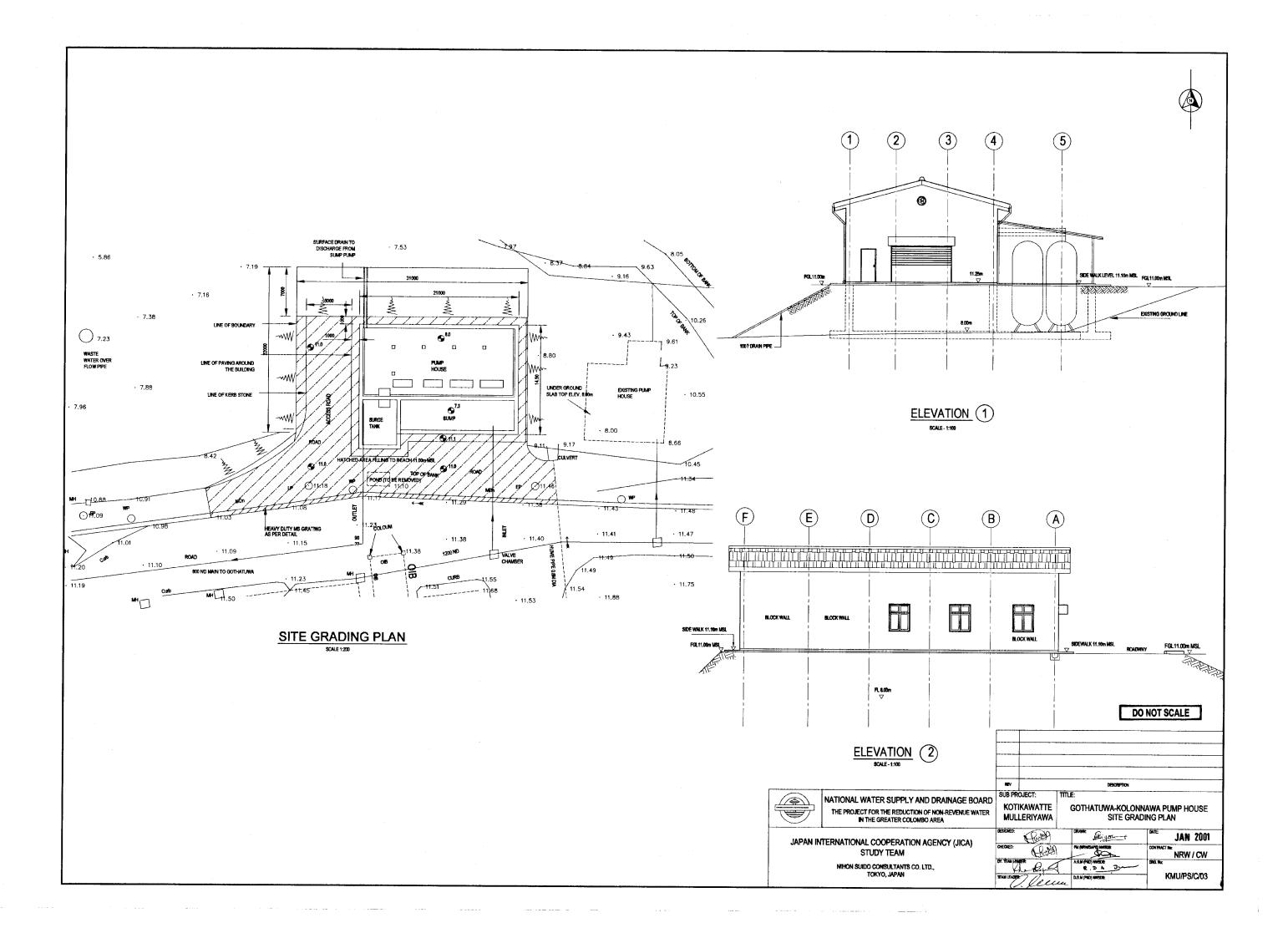
PUMP SPECIFICATION	GOTHATUWA - I		GOTHATUWA PUMP HOUSE		
	(this contract)	(future)	(this contract)	(future)	
Total no. of pumps	3	4	2	3	
Pump unit in operation	2	3	1	2	
Pump unit on stand-by	1 1	1	1	1	
Q (m ³) each	11.85	14	18	18	
TDH (m) each	42	50	30	30	
Motor Output (kw) each	165	1 6 5	130	130	
Type of pump	double volute horizontal		double volute horizontal		

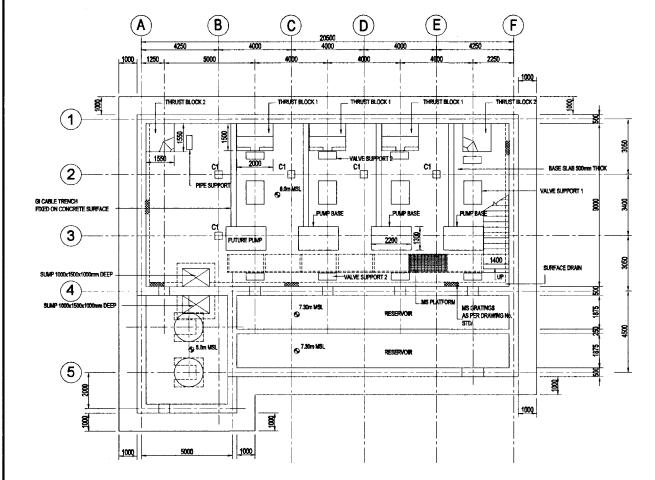
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		REV.		DESCRIPTION	
	NATIONAL WATER SUPPLY AND DRAINAGE BOARD THE PROJECT FOR THE REDUCTION OF NON-REVENUE WATER IN THE GREATER COLOMBO AREA	SUB PROJECT: KOTIKAWATTA MULLERIYAWA TITLE: GOTHATUWA GROUND RESERVOIR & SCHEMATIC FLOW DIAGRO			
JAPAN IN	ITERNATIONAL COOPERATION AGENCY (JICA)	DESIGNED:	(Roch)	DRAWR Rijah	JAN 200
STUDY TEAM		CHECKED:	Hung	PM PATHICAPE MARCH	CONTRACT NE NRW / CW
	NIHON SUIDO CONSULTANTS CO. LTD.,	DV. YEARS) FADEN		AGM PAD) HWSDO:	DRG. Rec
	TOKYO, JAPAN		leen	D.G.M (PRD) NWSDE:	KMU/PS/G-02



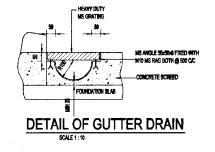


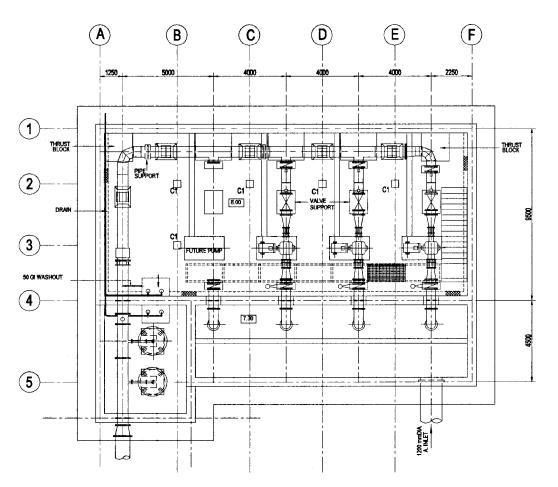




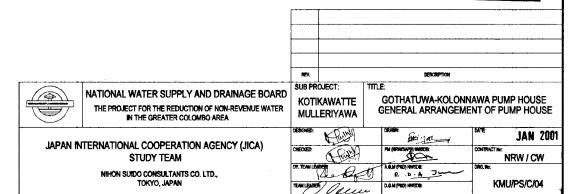


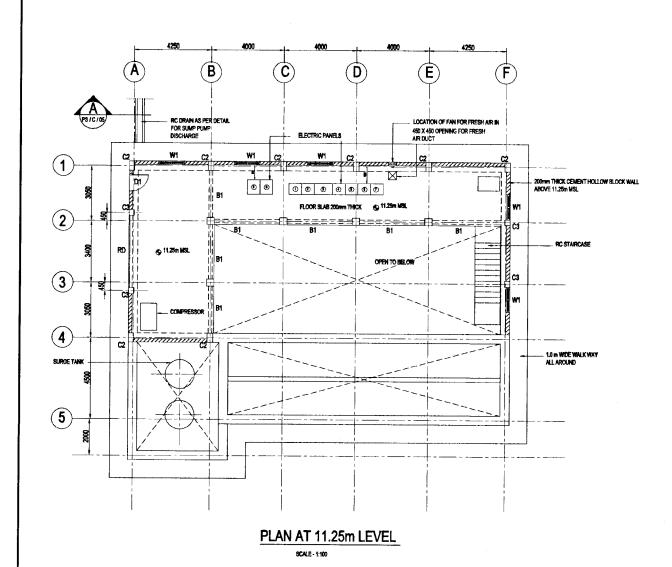






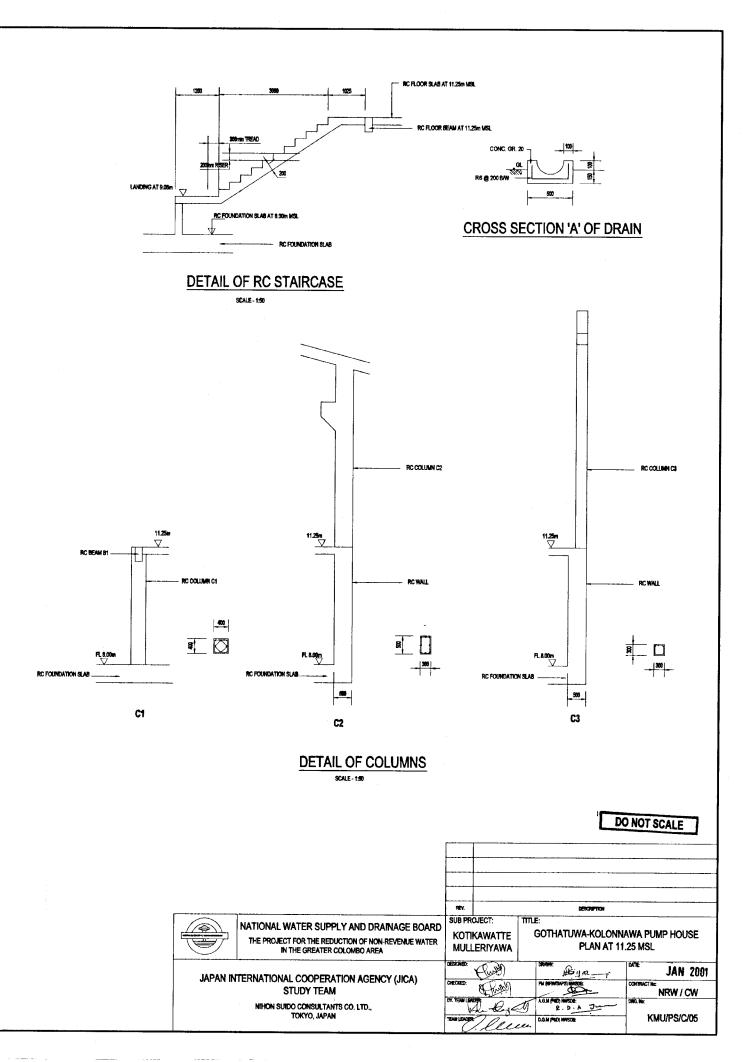
GENERAL LAYOUT PLAN AT 8.00m MSL SCALE-1:100

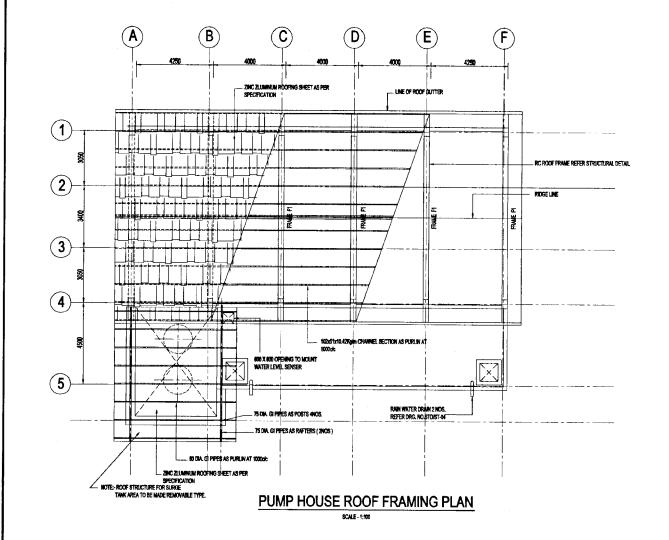


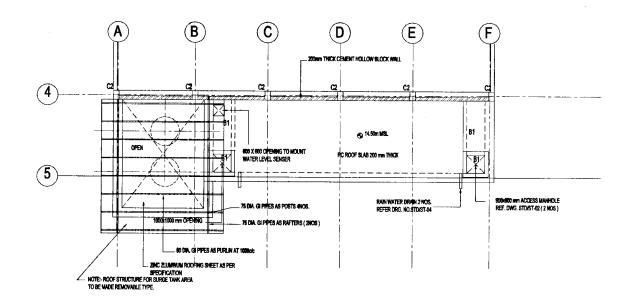


SCHEDULE OF DOORS & WINDOWS

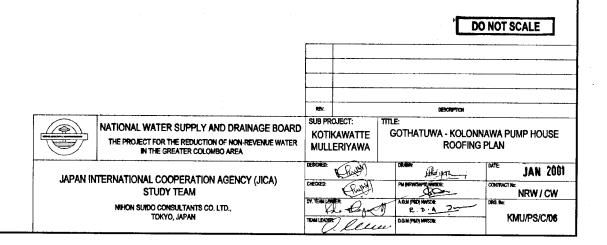
TYPE	SIZE IN mm		DE CONTINUE DE	
	WIDTH	HEIGHT	DESCRIPTION	QUANTITY
D1	1000	2200	BRONZE ANODISED ALUMINUM DOOR WITH GLAZED PANELS	01
W1	1400	1800	BRONZE ANODISED ALUMINUM FRAMES & PANELS WITH GLASS	05
RD	4000	3000	ALUMINUM ROLLER DOOR	01

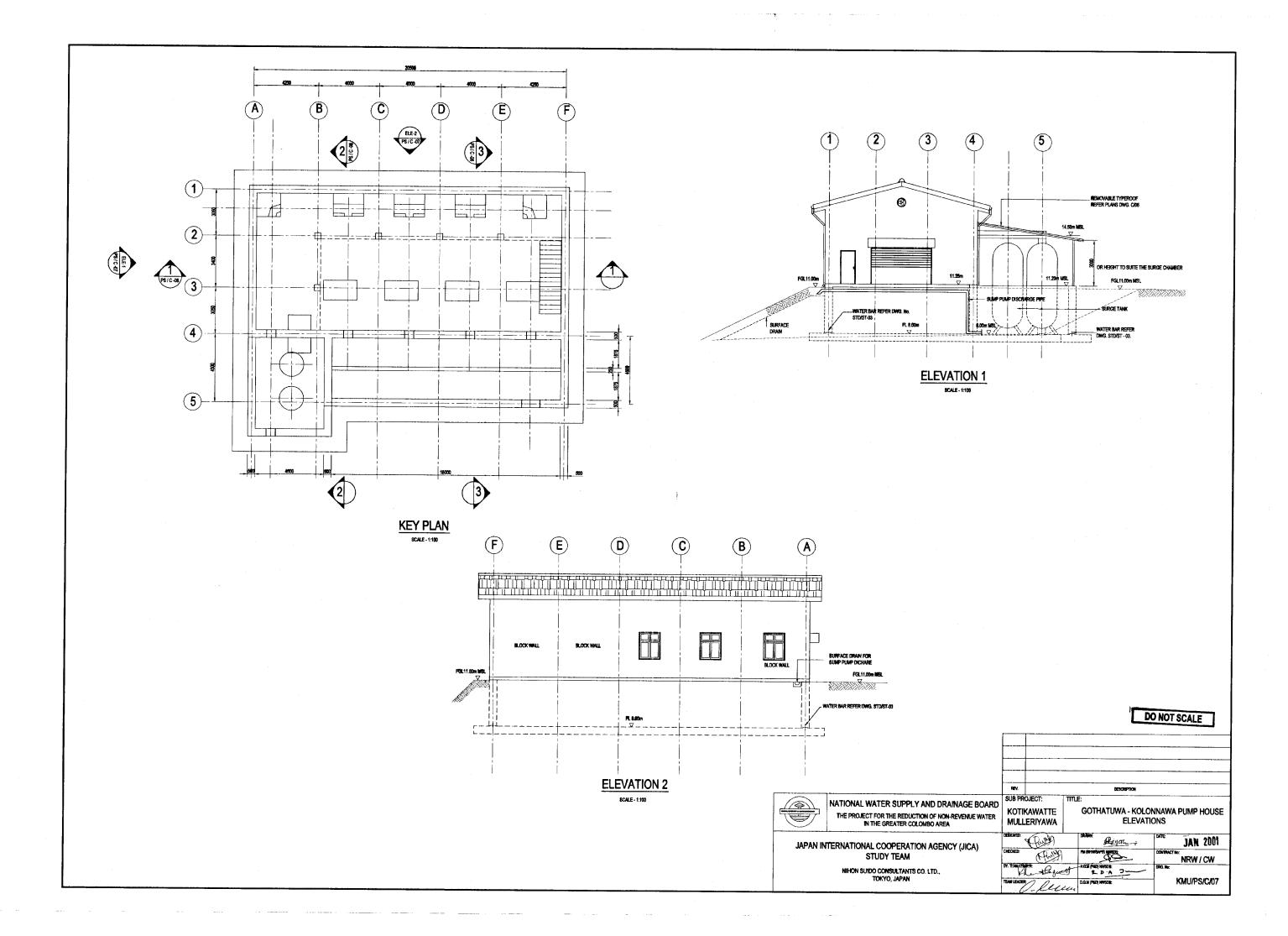


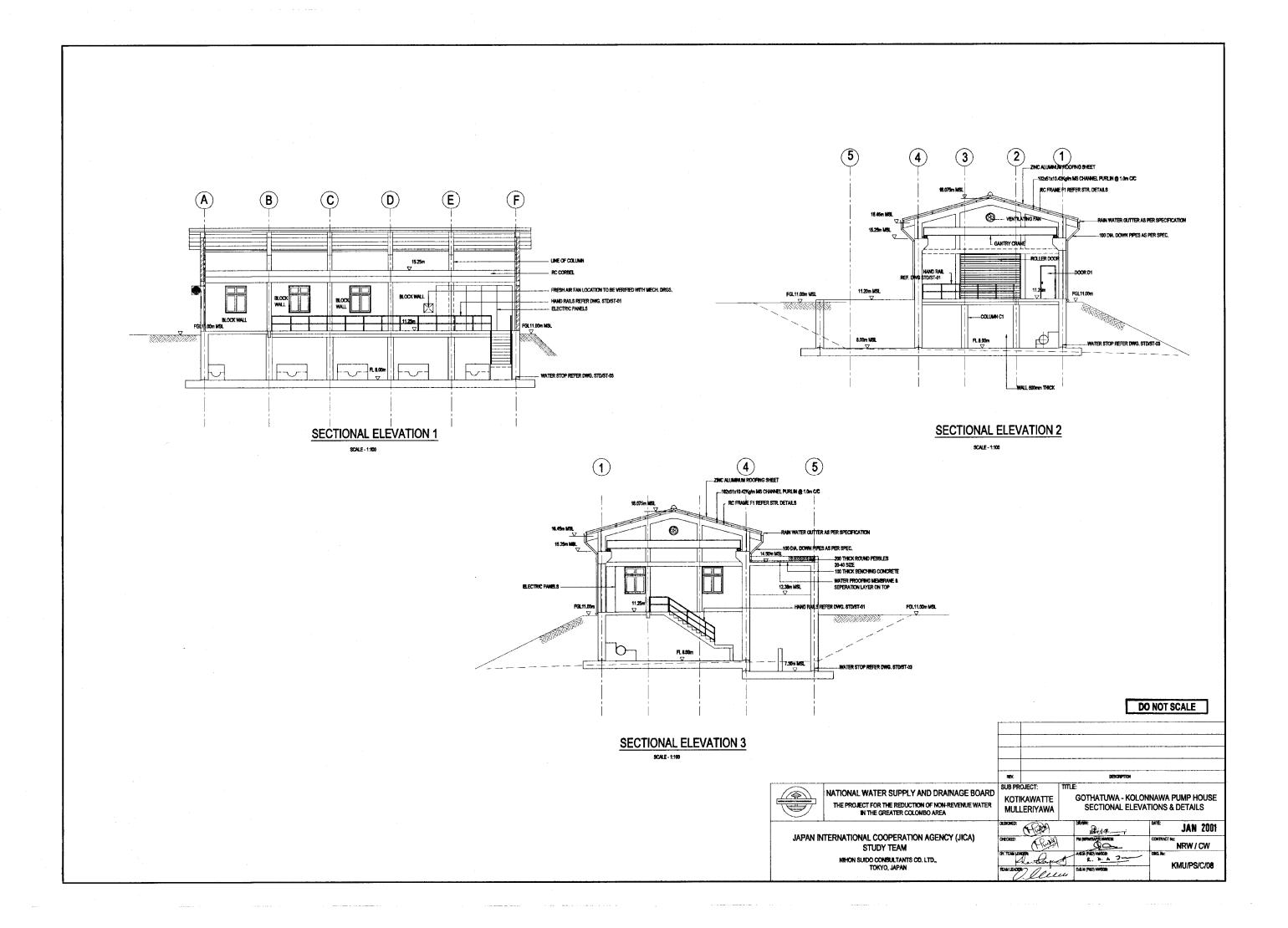


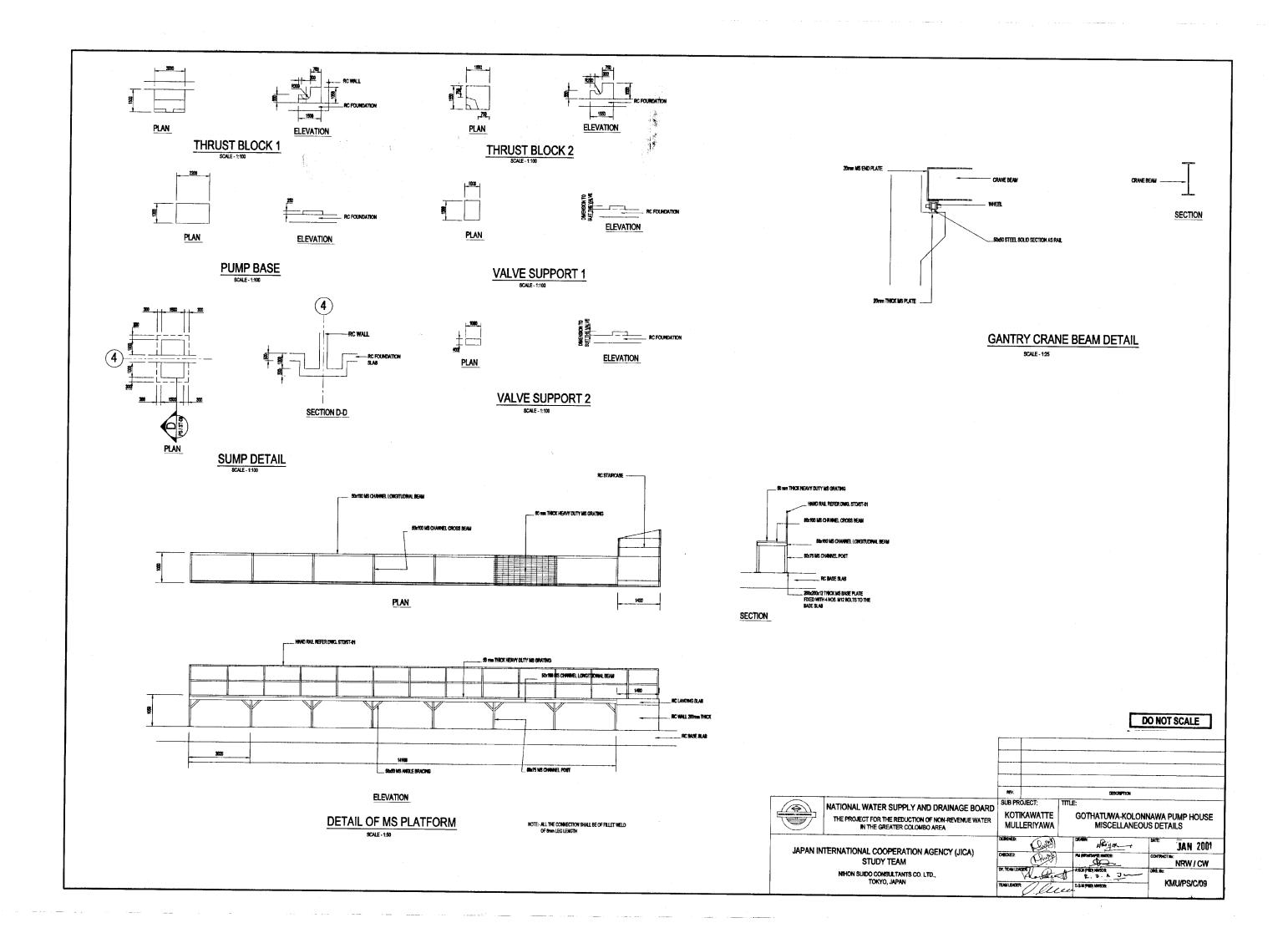


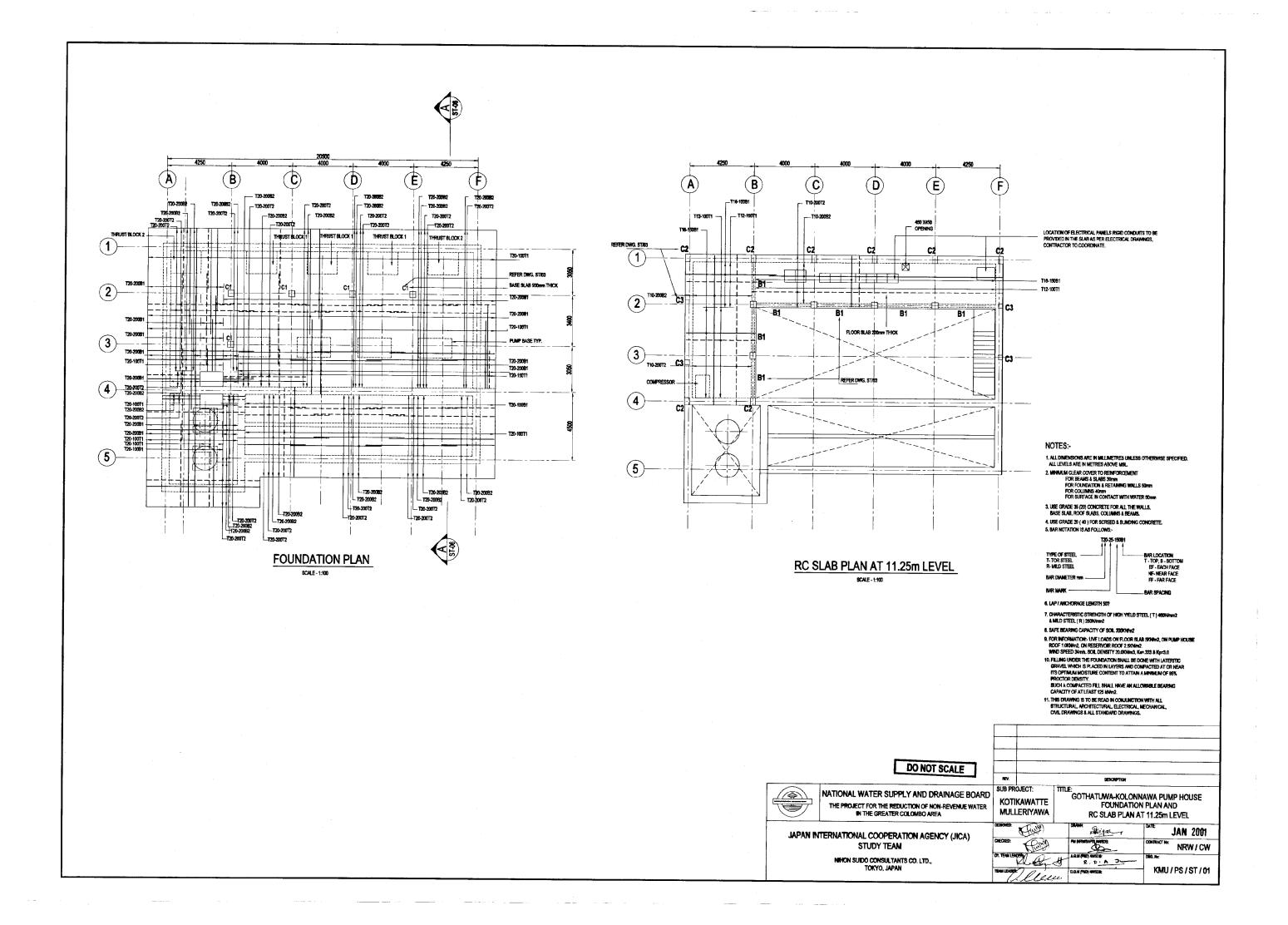
RESERVOIR ROOF PLAN AT 14.50m LEVEL

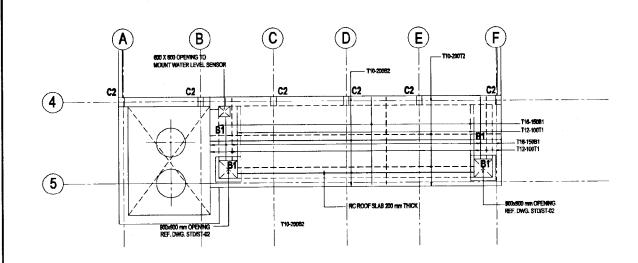




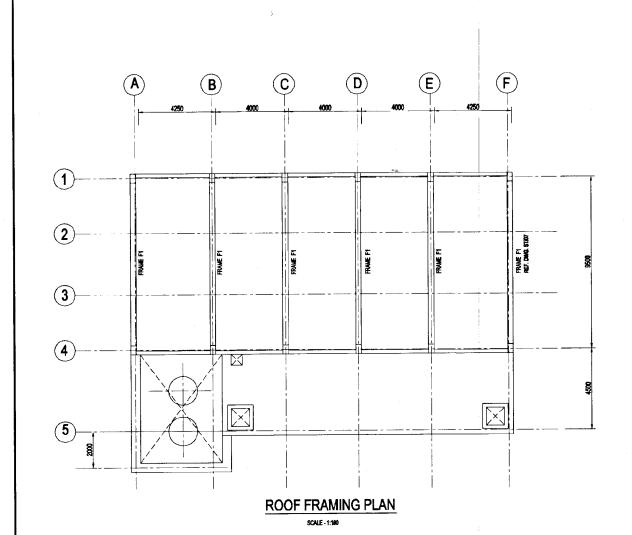


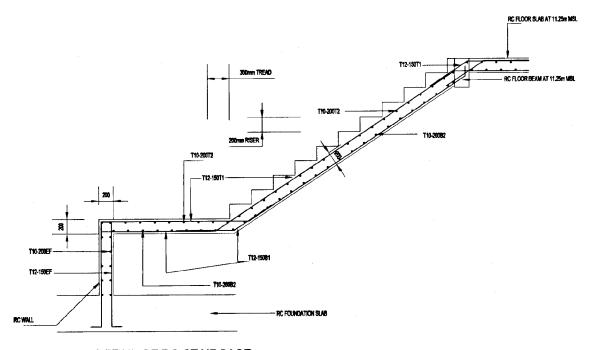






RC SLAB PLAN AT 14.50m LEVEL





DETAIL OF RC STAIRCASE

SCALE - 1:25

