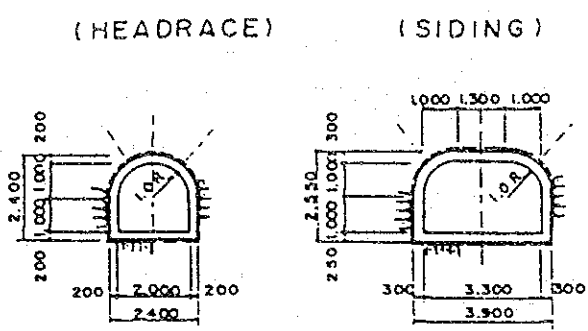


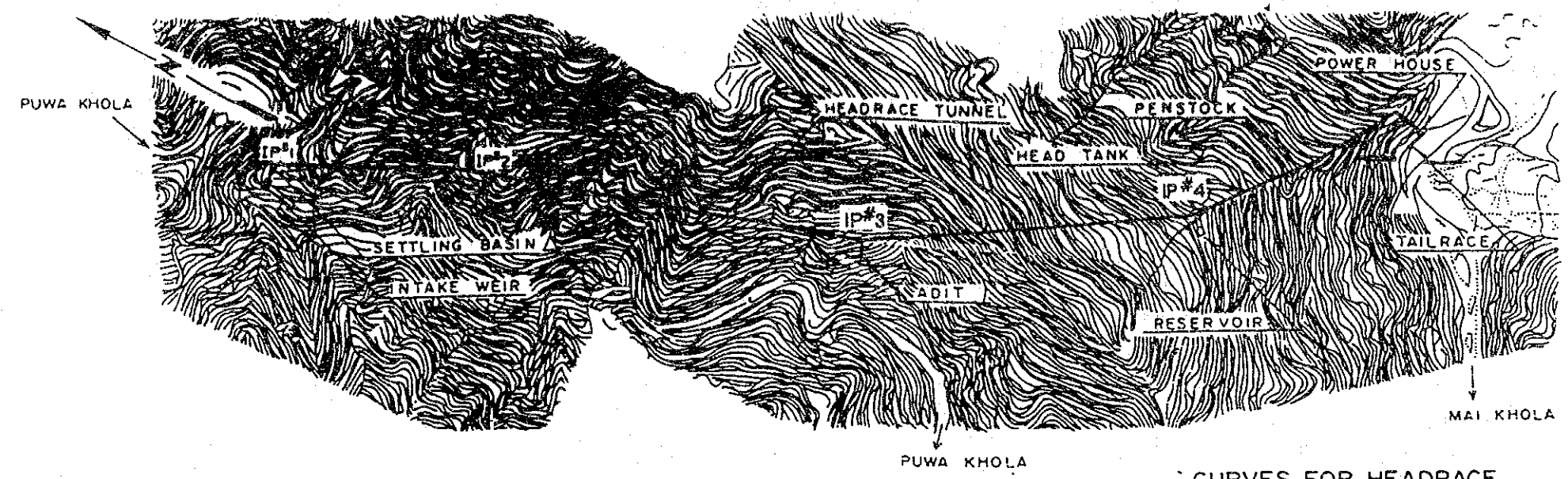
図面リスト (7)

図面番号	名称
ILAM-F/S 001	一般平面図
ILAM-F/S 002	取水ダム
ILAM-F/S 003	沈砂池
ILAM-F/S 004	水槽及び調整池
ILAM-F/S 005 1/4	水圧管路平面図
ILAM-F/S 005 2/4	水圧管路縦断図
ILAM-F/S 005 3/4	水圧管路固定台
ILAM-F/S 005 4/4	水圧管路固定台及び支台
ILAM-F/S 006	発電所概要図
ILAM-F/S 007	取水ダム (代案)
ILAM-F/S 008	沈砂池 (代案)
ILAM-F/S 009	余水路 (横坑)

TYPICAL TUNNEL SECTIONS



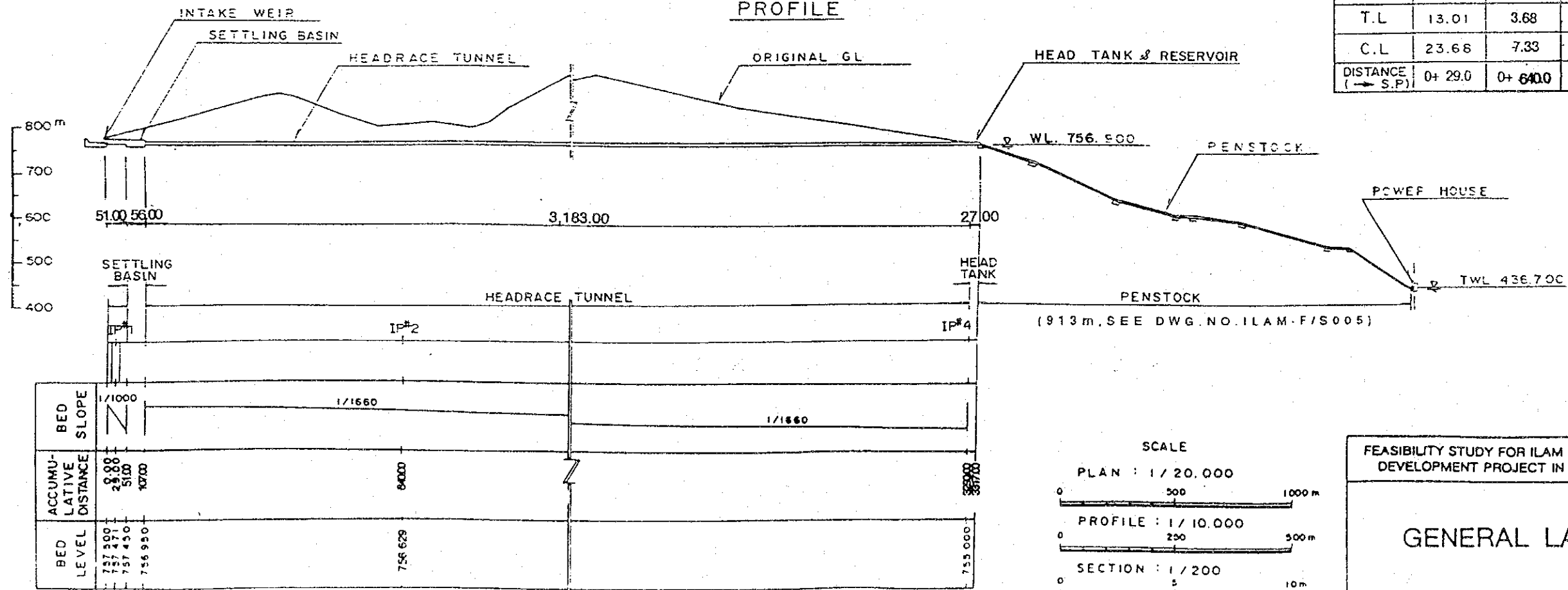
PLAN



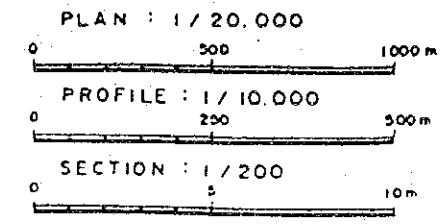
CURVES FOR HEADRACE

	IP#1	IP#2	IP#3	IP#4
I. A	59°00'	14°00'	13°30'	20°05'
R	23.0	30.0	30.0	30.0
T. L	13.01	3.68	3.55	5.31
C. L	23.68	7.33	7.07	10.52
DISTANCE (→ S.P)	0+29.0	0+640.0	0+2240.0	0+3280.0

PROFILE

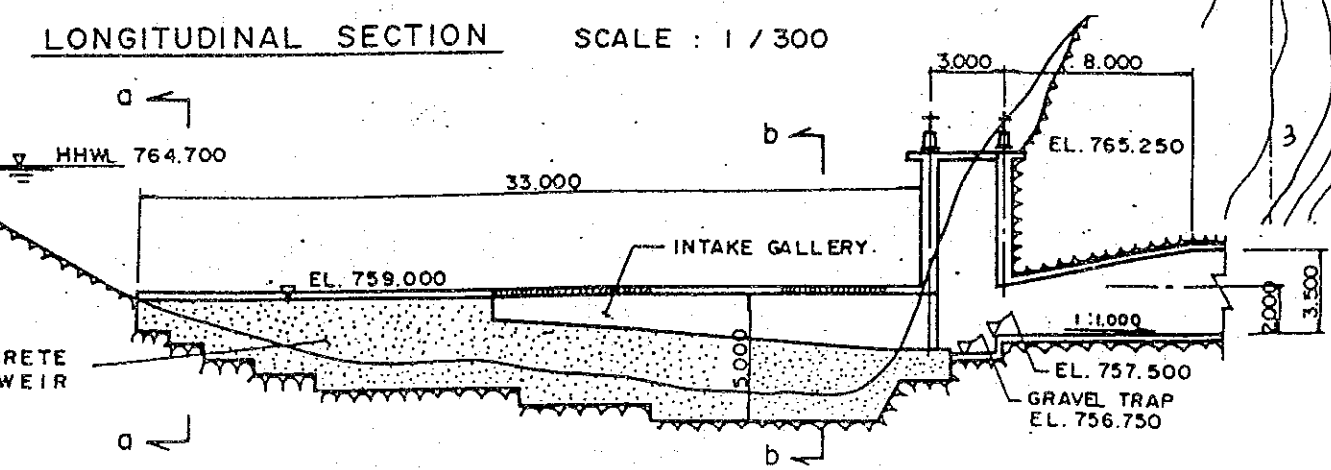
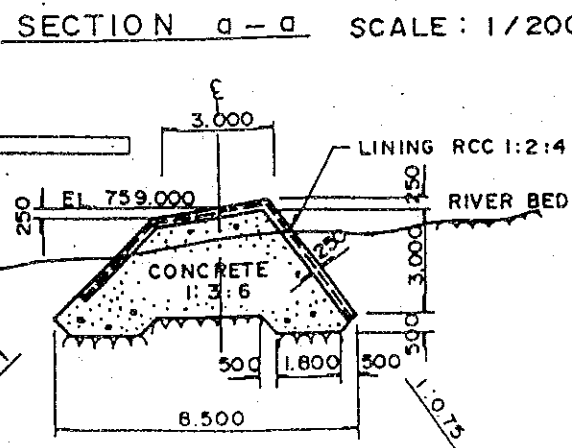
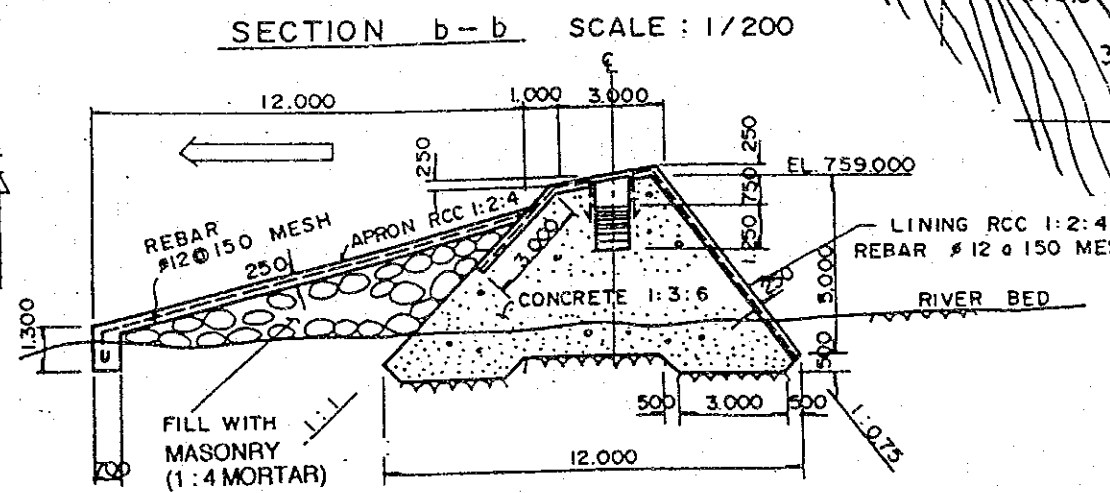
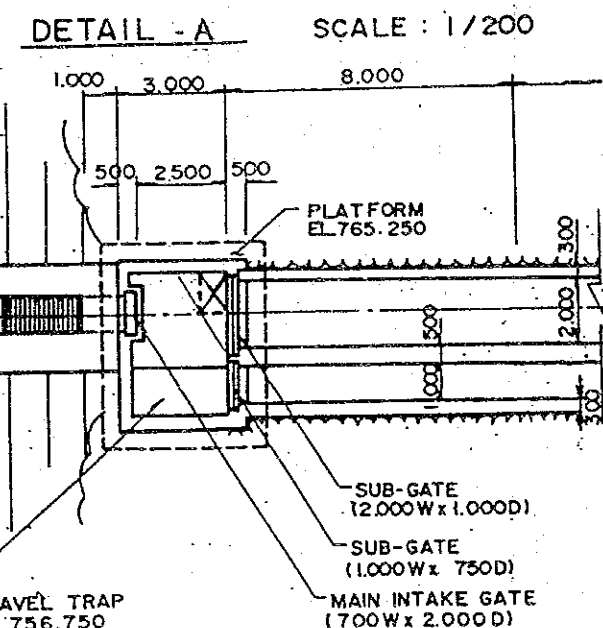
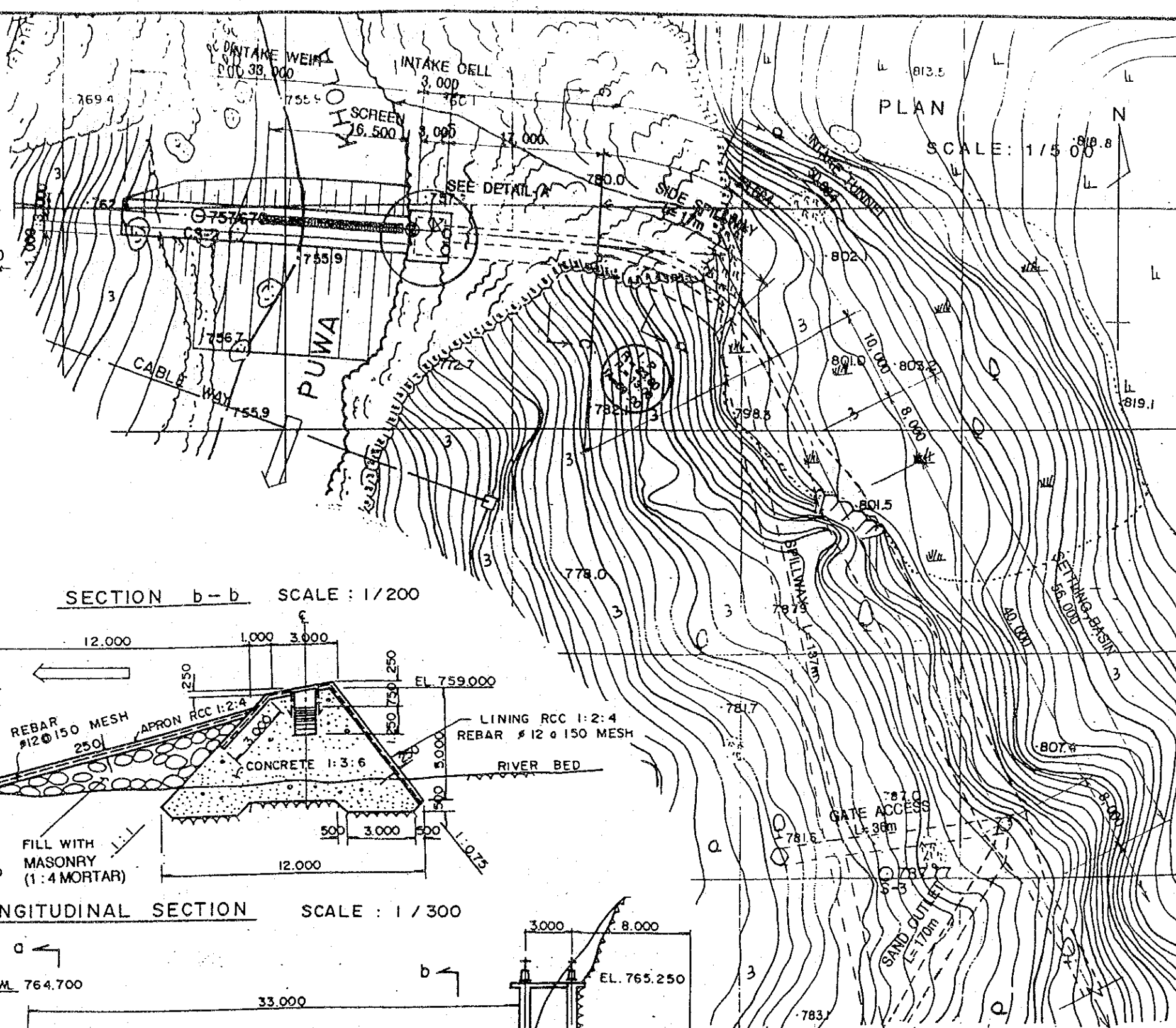
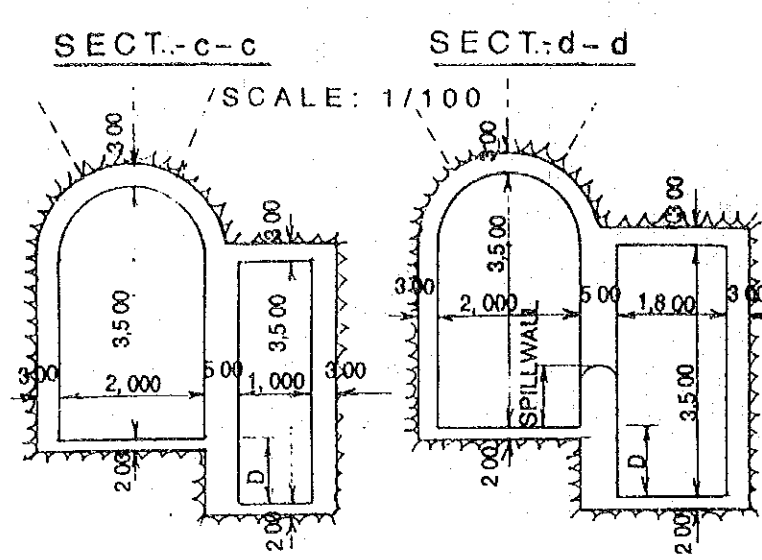


SCALE



FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

GENERAL LAYOUT



FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

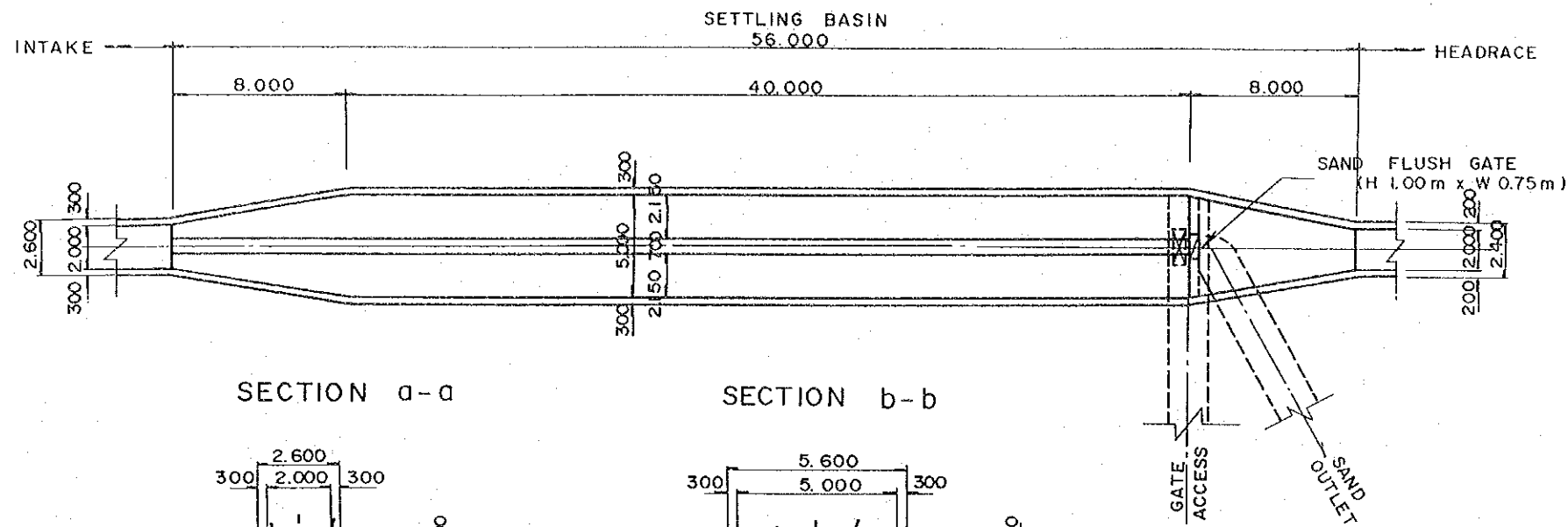
DETAILS FOR INTAKE WEIR

JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG.NO. ILAM-F/S002 SHEET 1 OF 1

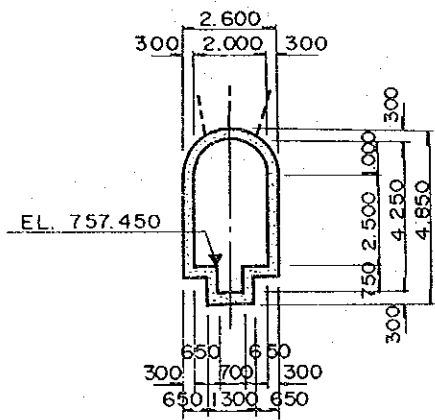
ILAM-F/S 002

取水ダム

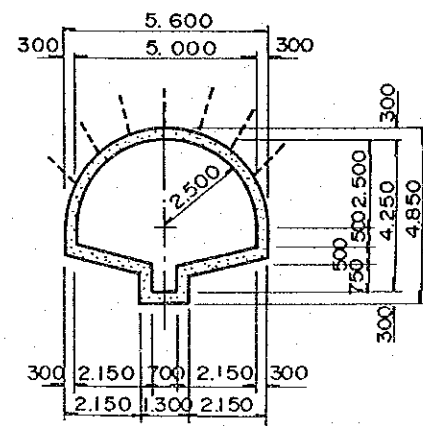
PLAN



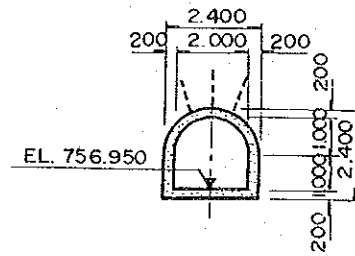
SECTION a-a



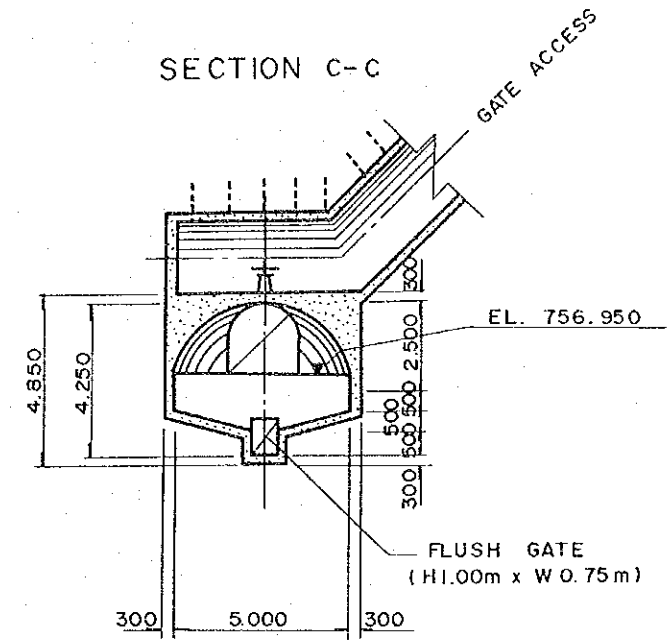
SECTION b-b



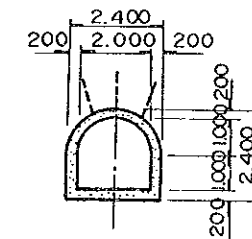
SECTION d-d



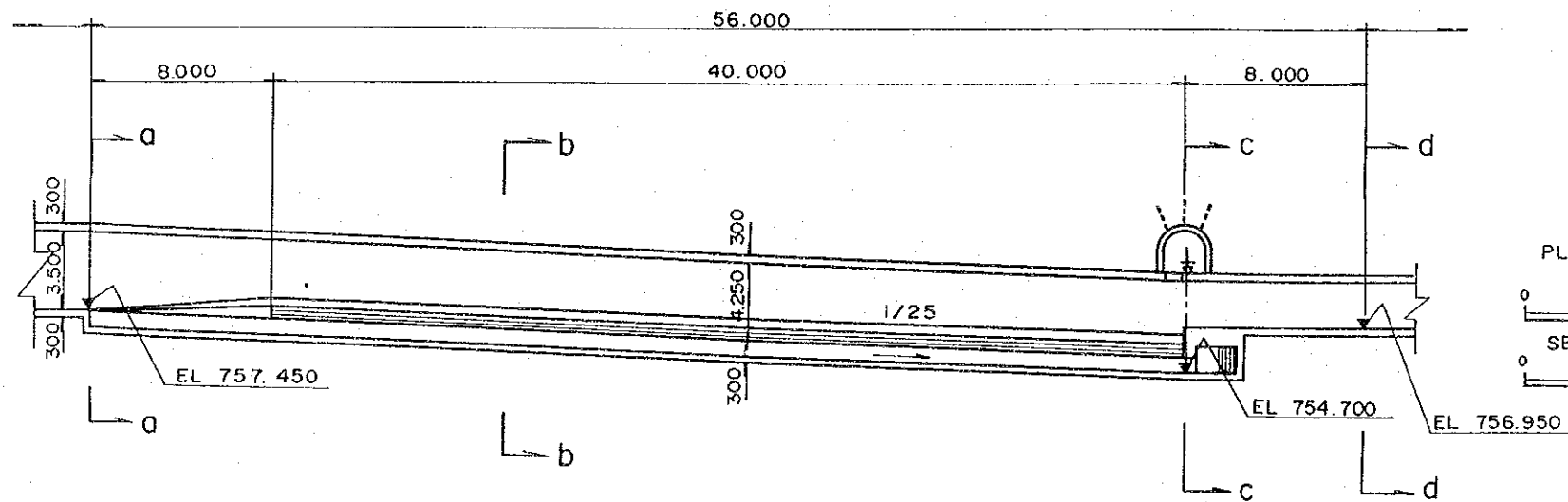
SECTION C-C



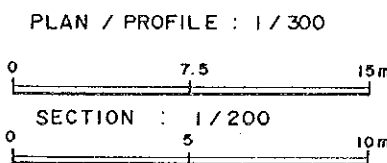
SECTION FOR SAND OUTLET & ACCESS



LONGITUDINAL SECTION



SCALE



FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

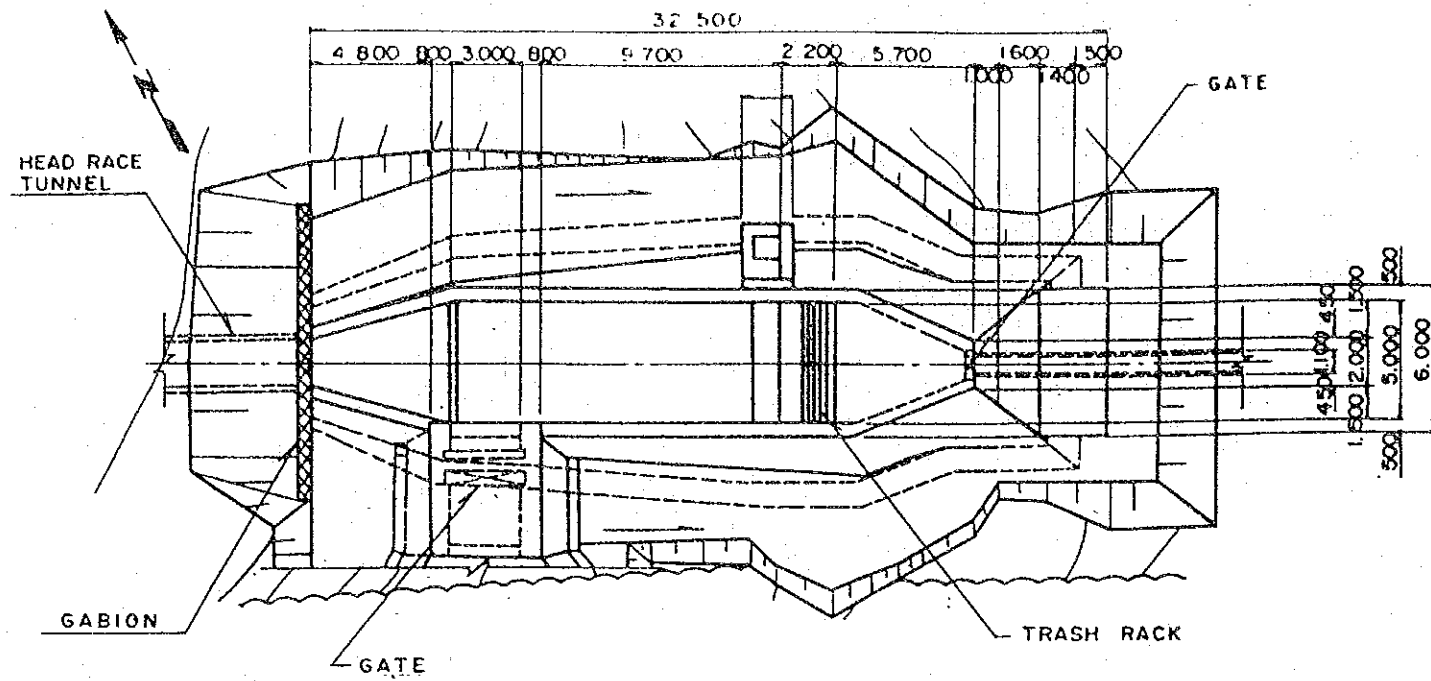
DETAILS FOR SETTLING BASIN

JAPAN INTERNATIONAL COOPERATION AGENCY
DWG.NO. ILAM-F/S003 SHEET 1 OF 1

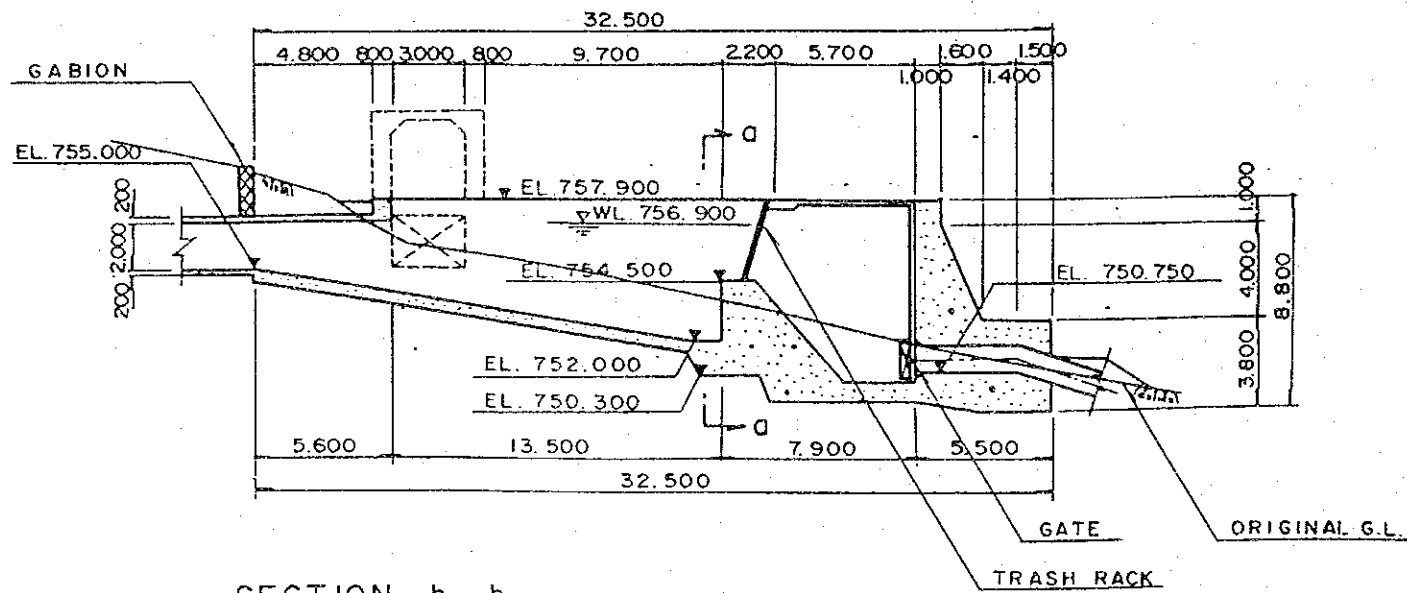
ILAM-F/S 003

沈砂池

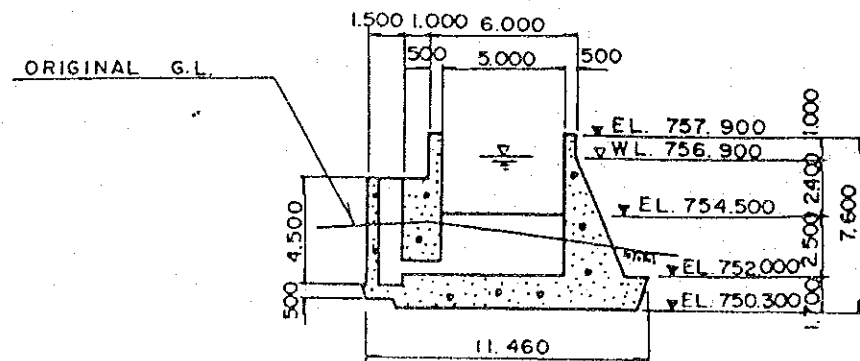
PLAN - HEAD TANK



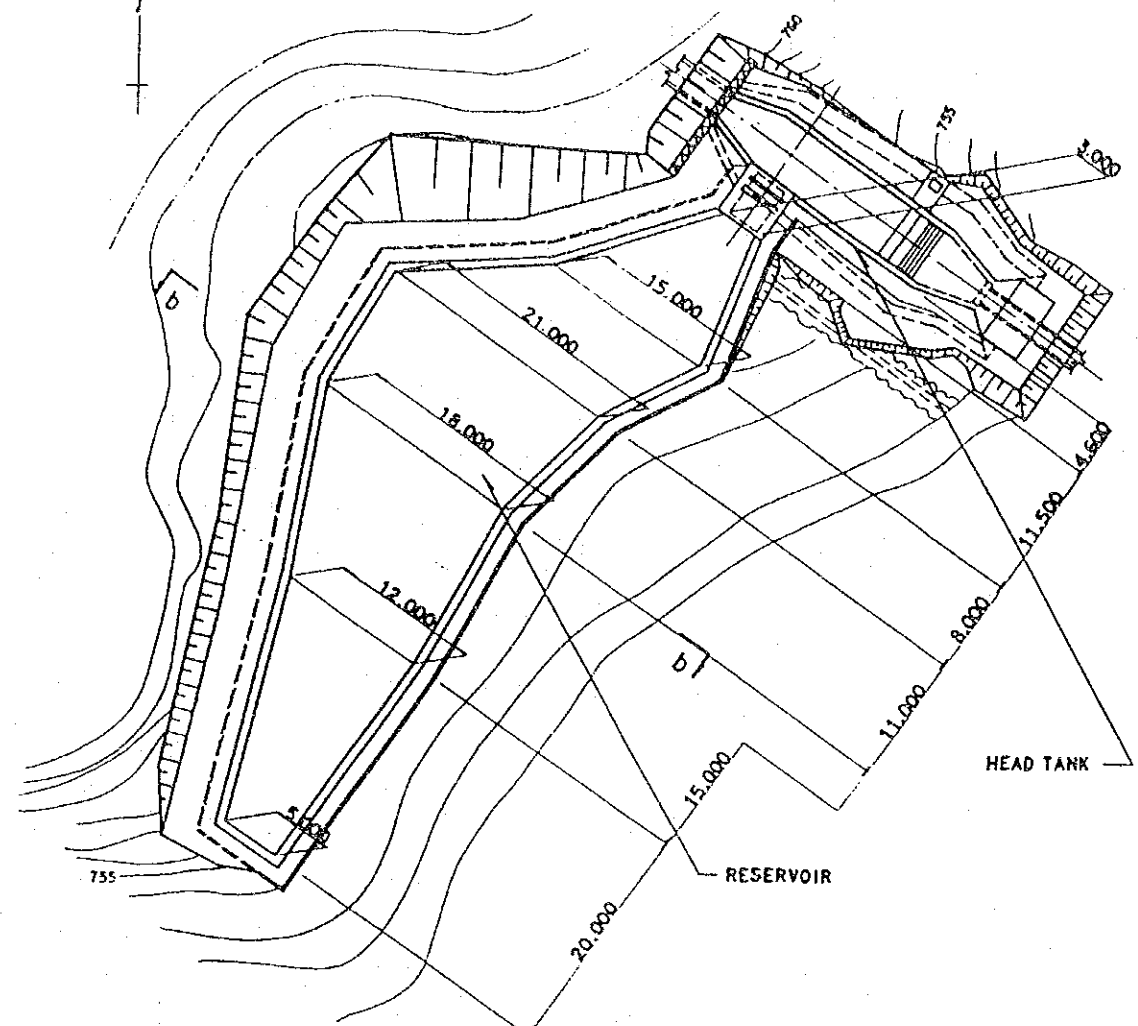
LONGITUDINAL PROFILE



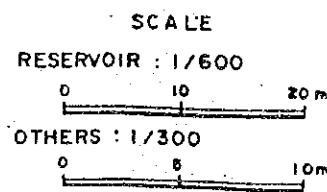
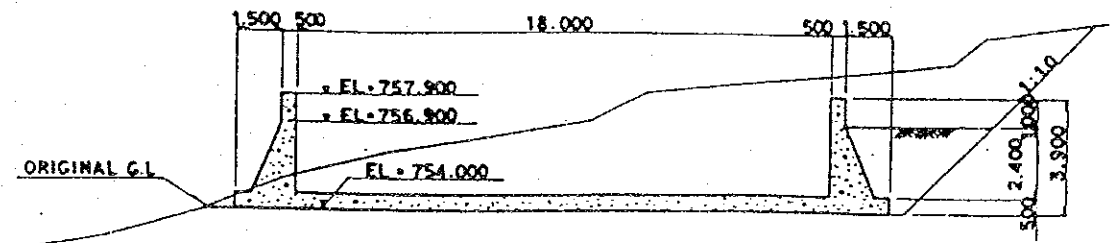
SECTION b~b



PLAN - RESERVOIR



RESERVOIR TYP. SECTION b-b SCALE: 1/200



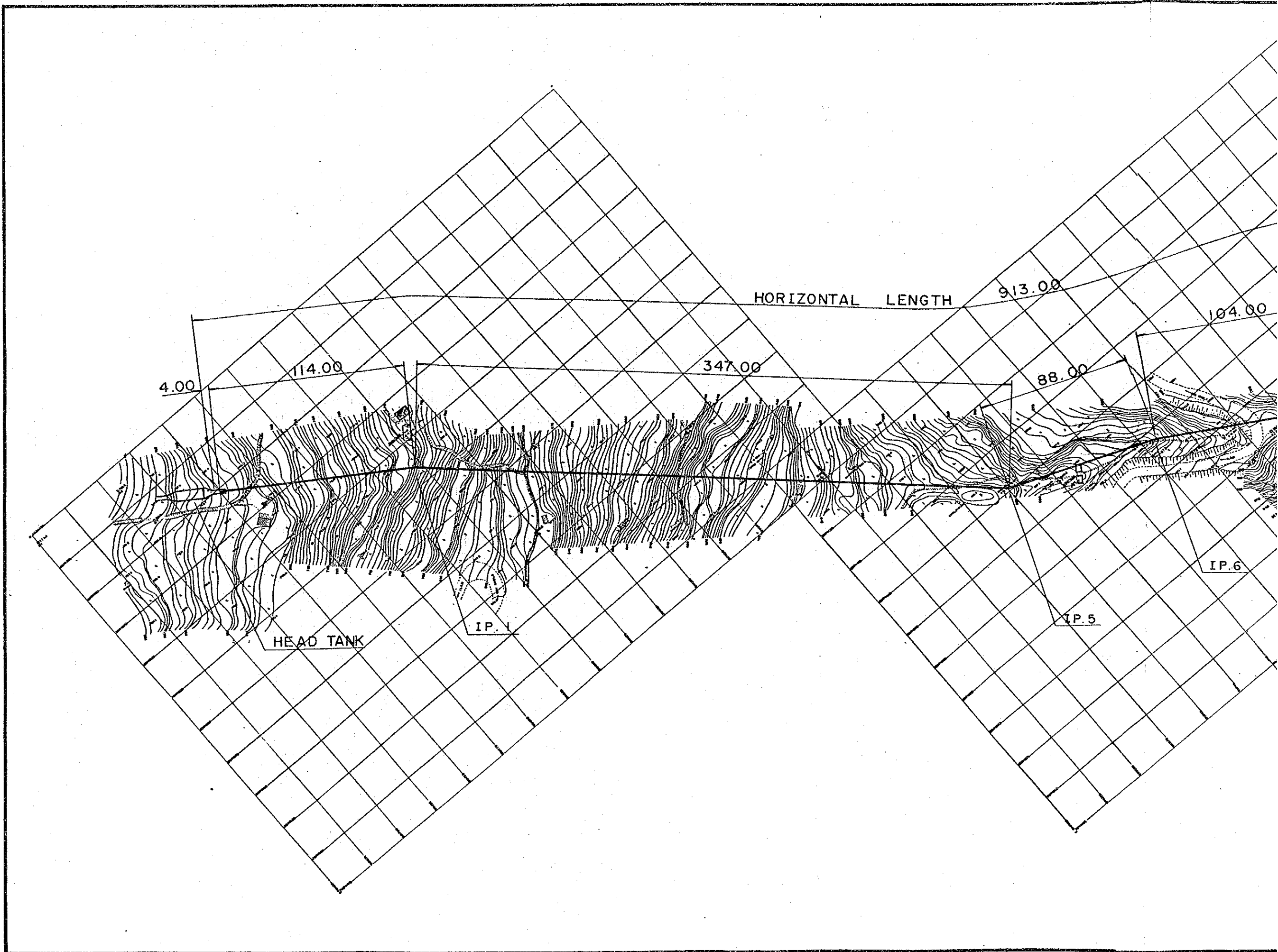
ILAM-F/S 004

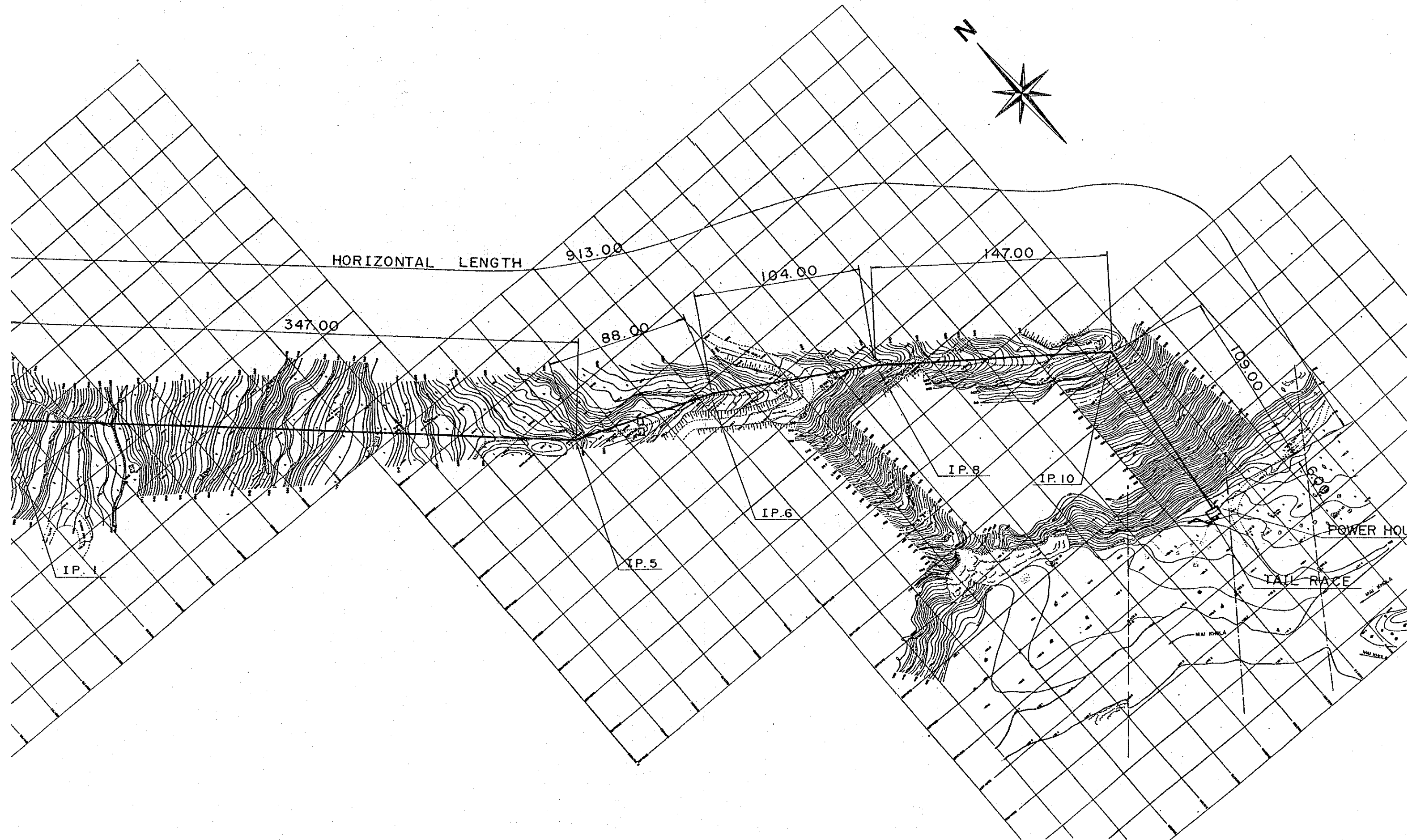
水槽及び調整池

FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

DETAILS FOR HEAD TANK & RESERVOIR

JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO. ILAM-F/S004 SHEET 1 OF 1



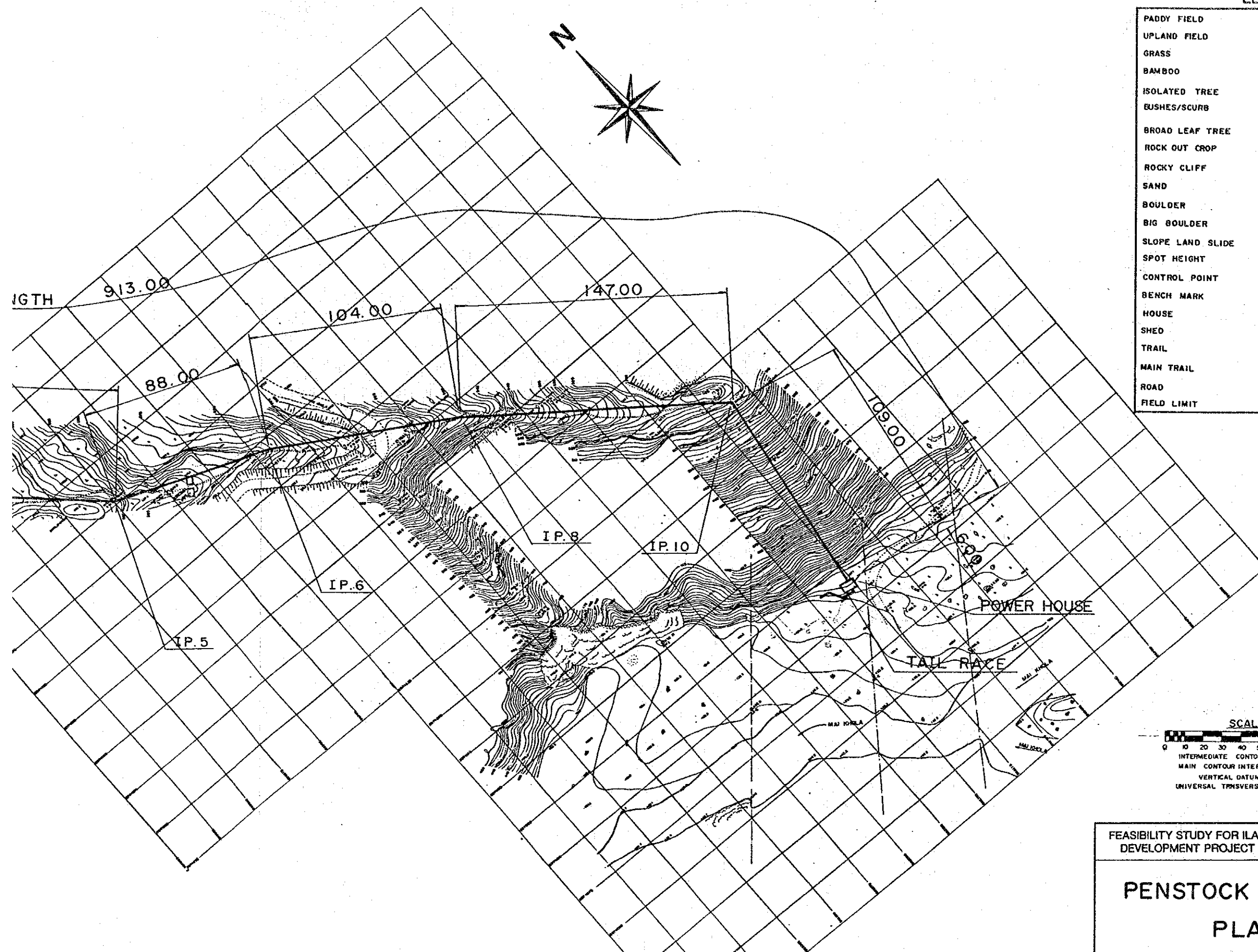


ILAM-F/S 005 1/4

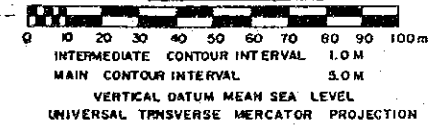
水圧管路平面図

LEGEND

PADDY FIELD	▨
UPLAND FIELD	∇
GRASS	uh
BAMBOO	
ISOLATED TREE	○
BUSHES/SCURB	MANA 0.110M 3
BROAD LEAF TREE	Q
ROCK OUT CROP	~
ROCKY CLIFF	▲▲▲
SAND	⊙
BOULDER	⊙
BIG BOULDER	⊙
SLOPE LAND SLIDE	⊙
SPOT HEIGHT	438.9
CONTROL POINT	⊙ 325.68 G-5
BENCH MARK	⊙ 437.95 PH-1
HOUSE	▨
SHED	▨
TRAIL	---
MAIN TRAIL	---
ROAD	---
FIELD LIMIT	○



SCALE 1:2000



FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

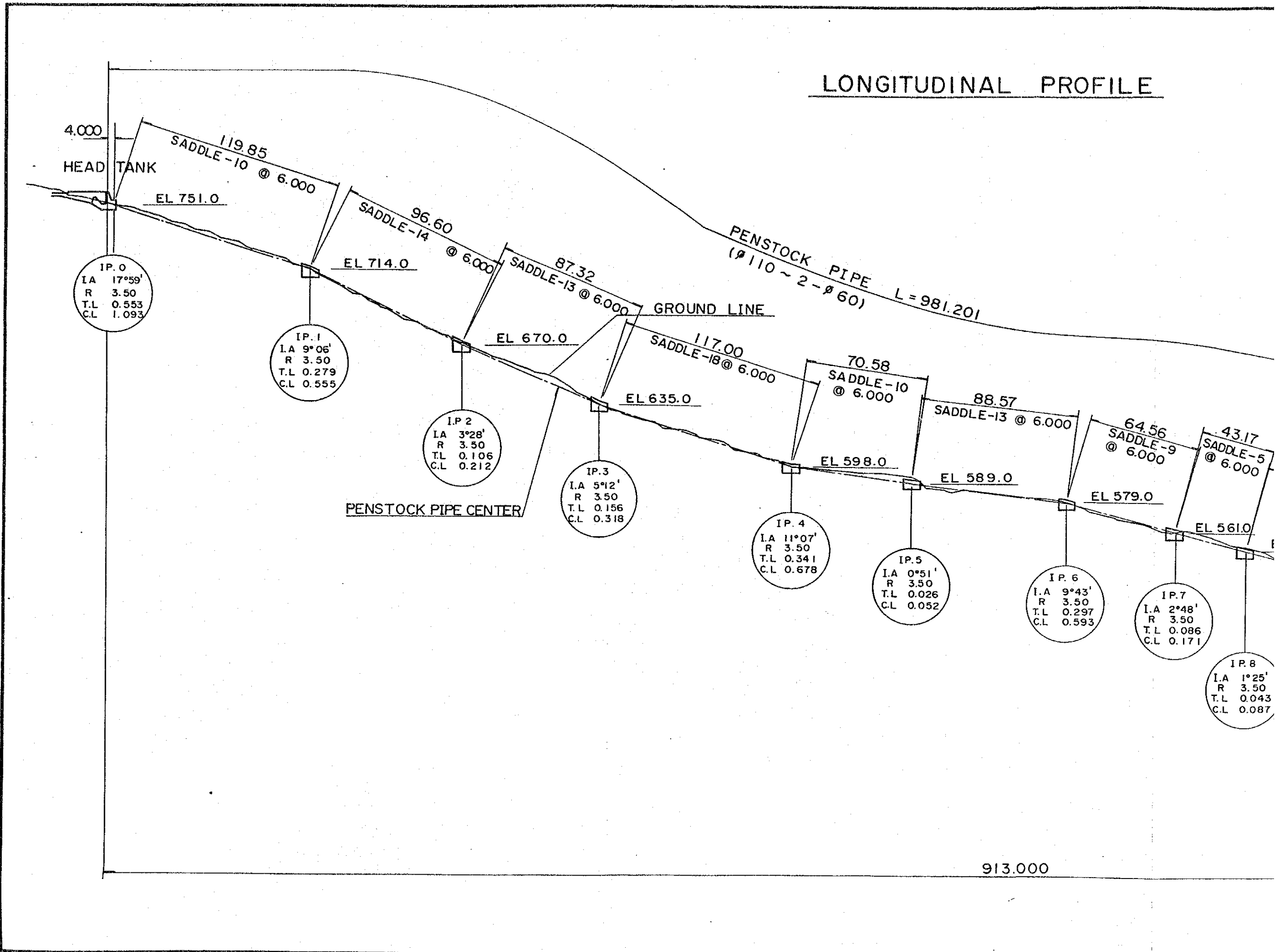
PENSTOCK LAYOUT PLAN

JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG.NO. ILAM-F/S 005 SHEET 1 OF 4

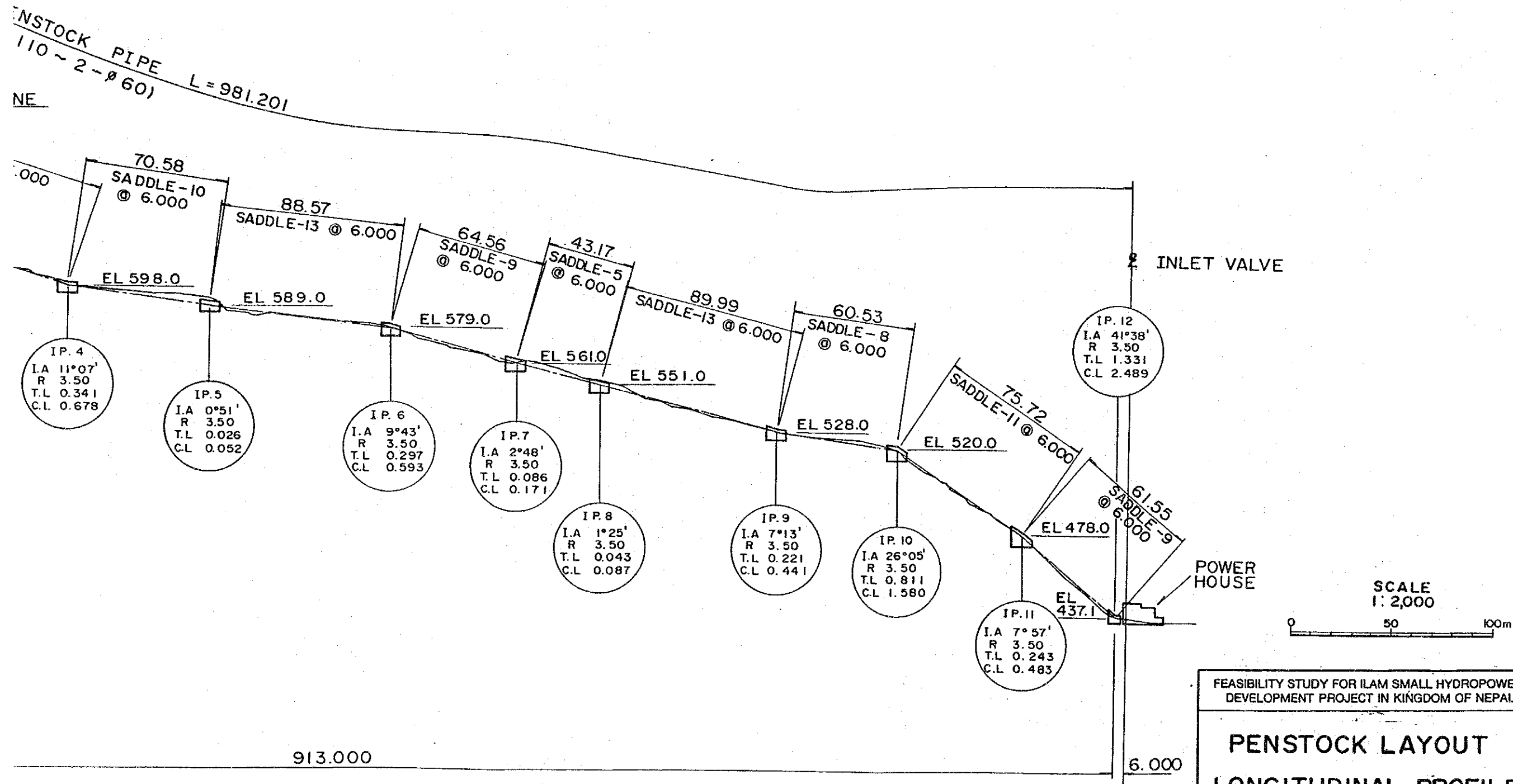
ILAM-F/S 005 1/4

水压管路平面图

LONGITUDINAL PROFILE



LONGITUDINAL PROFILE



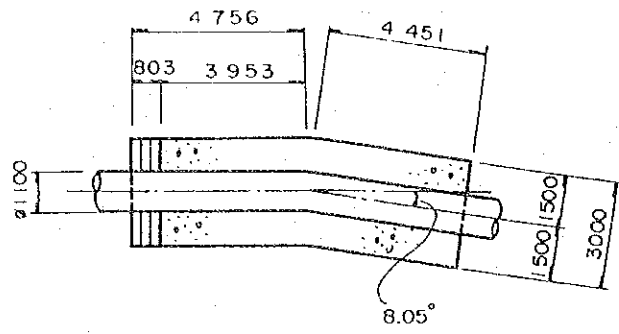
FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

**PENSTOCK LAYOUT
LONGITUDINAL PROFILE**

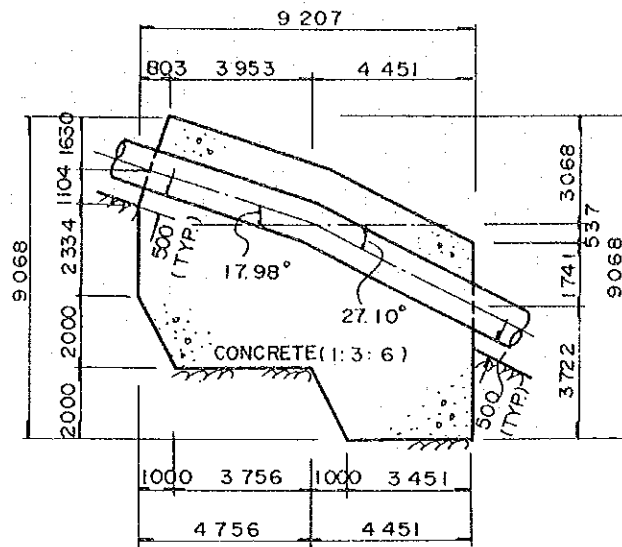
JAPAN INTERNATIONAL COOPERATION AGENCY
DWG.NO. ILAM-F/S005 SHEET 2 OF 4

ANCHOR BLOK No.1

PLAN 1/200

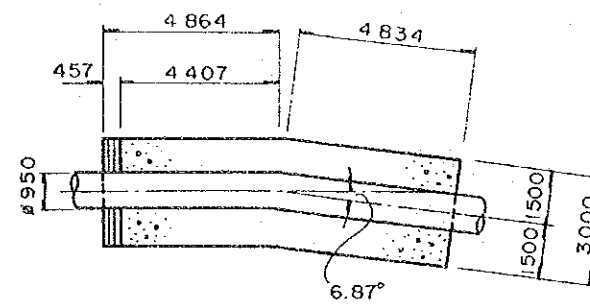


LONGITUDINAL SECTION 1/200

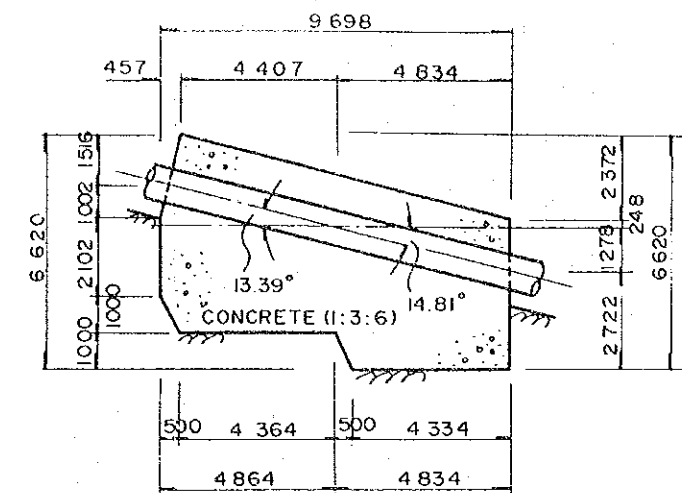


ANCHOR BLOK No.8

PLAN 1/200

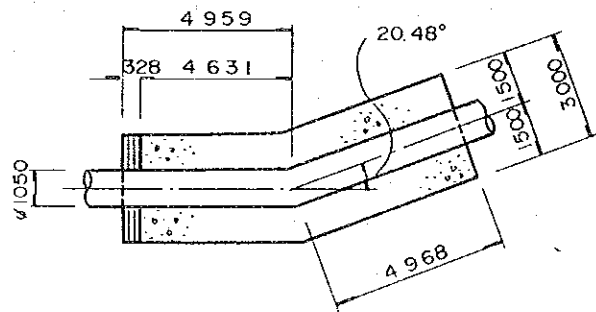


LONGITUDINAL SECTION 1/200

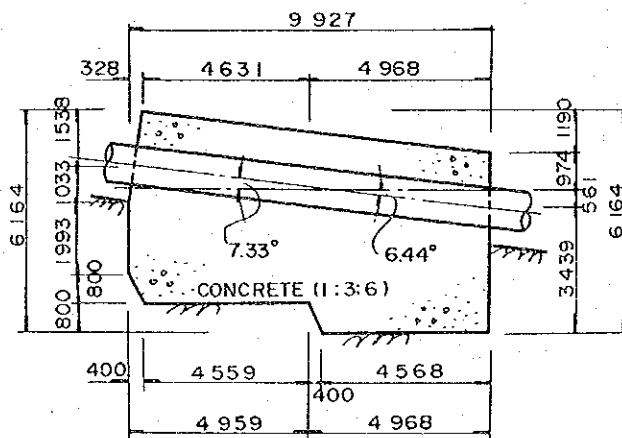


ANCHOR BLOK No.5

PLAN 1/200

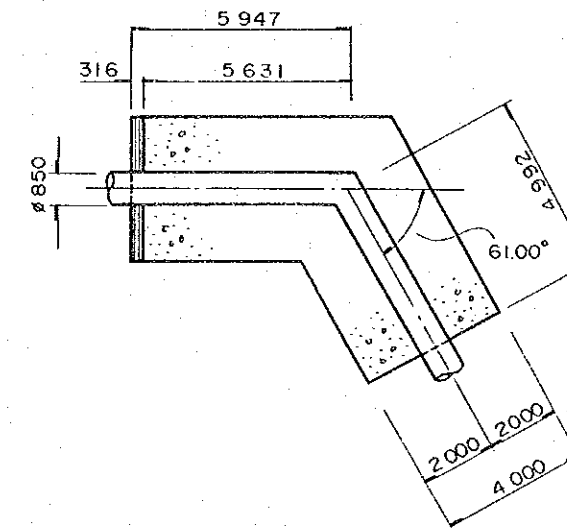


LONGITUDINAL SECTION 1/200

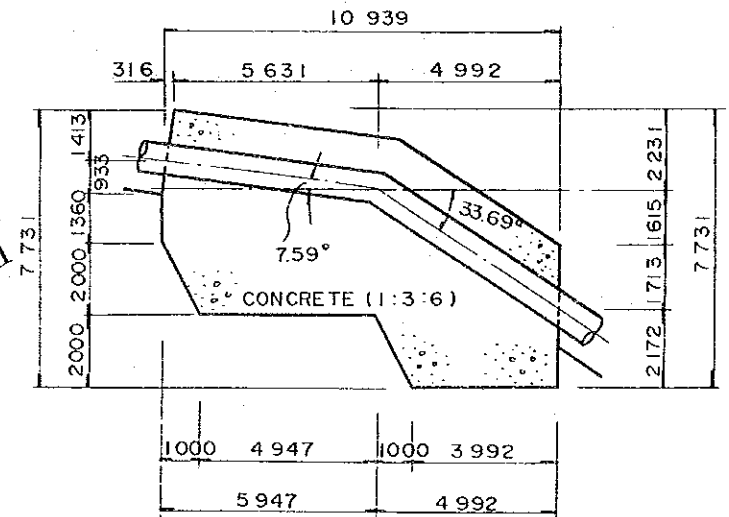


ANCHOR BLOK No.10

PLAN 1/200

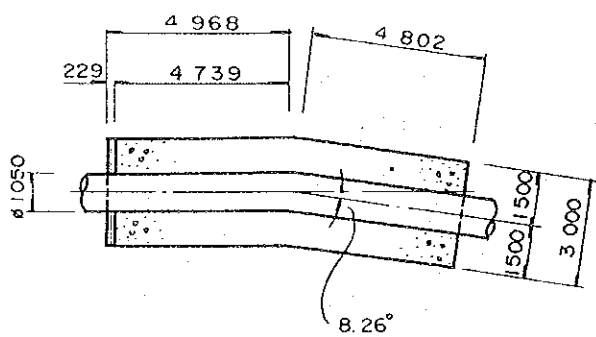


LONGITUDINAL SECTION 1/200

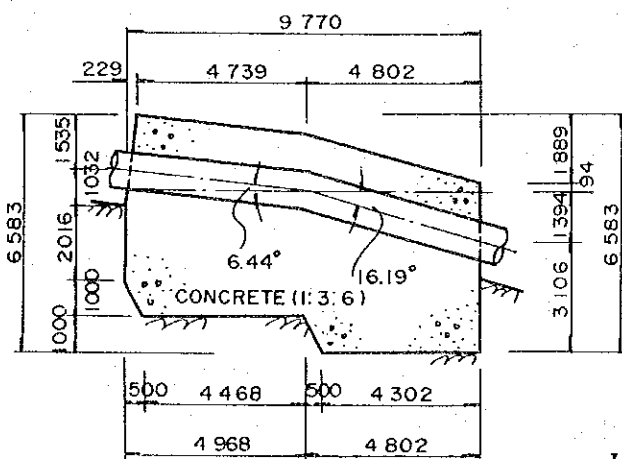


ANCHOR BLOK No.6

PLAN 1/200



LONGITUDINAL SECTION 1/200



FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

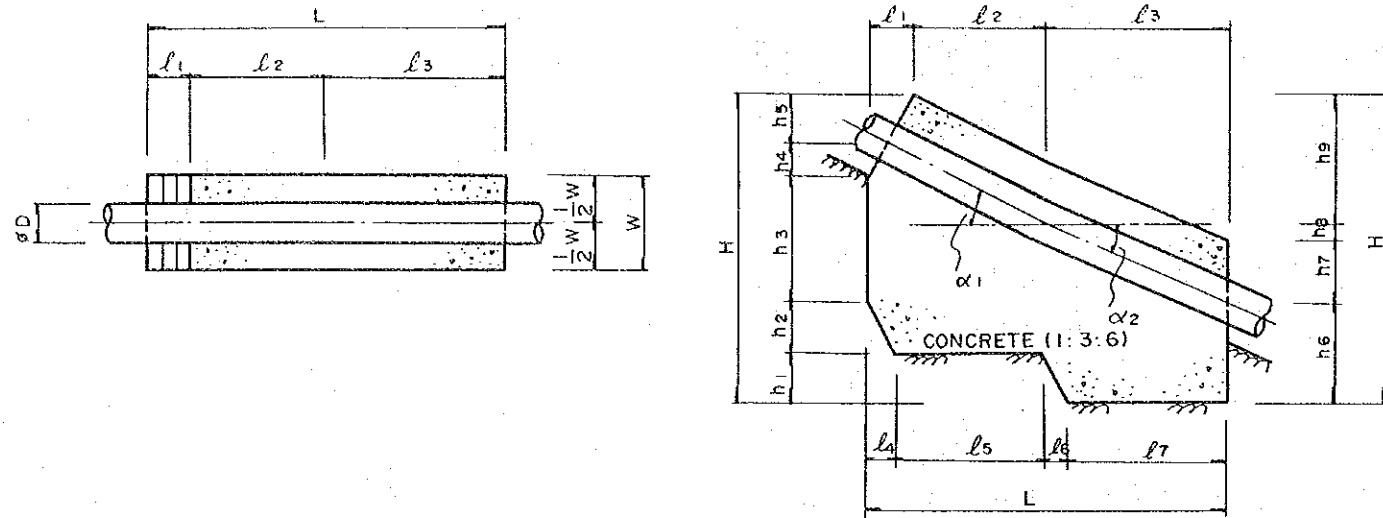
DETAILS FOR PENSTOCK ANCHOR BLOCKS

JAPAN INTERNATIONAL COOPERATION AGENCY DWG.NO. ILAM-F/S005 SHEET 3 OF 4

ANCHOR BLOCK No. 2, 3, 4, 7, & 9

PLAN 1/200

LONGITUDINAL SECTION 1/200

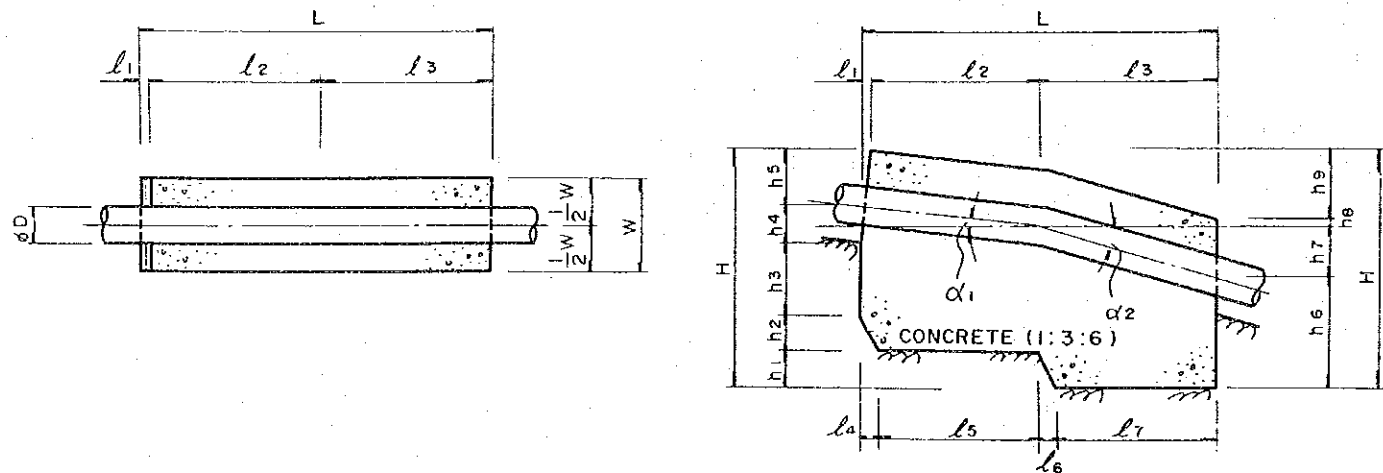


No	α_1	α_2	L	l_1	l_2	l_3	l_4	l_5	l_6	l_7	H	h_1	h_2	h_3	h_4	h_5	h_6	h_7	h_8	h_9	W
2	27.10°	23.63°	9,935	1,184	3,712	5,039	700	4,196	700	4,339	7,641	1,400	1,400	3,326	935	1,380	2,795	1,692	513	3,641	3,600
3	23.63°	18.43°	10,257	1,022	4,017	5,218	800	4,239	700	4,518	8,422	1,400	1,600	3,086	939	1,397	3,261	1,607	132	3,422	2,600
4	18.43°	7.33°	9,703	806	3,938	4,959	800	3,944	250	4,709	6,921	500	1,600	2,401	972	1,448	3,362	638	900	2,021	2,600
7	16.19°	13.39°	9,666	683	3,819	4,864	300	4,502	300	4,564	6,732	600	600	3,179	936	1,417	2,842	1,158	358	2,374	2,600
9	14.81°	7.59°	9,790	601	4,233	4,956	500	4,334	500	4,456	6,635	1,000	1,000	2,363	894	1,378	3,334	666	772	1,863	2,600

ANCHOR BLOCK No. 6 & 9

PLAN 1/200

LONGITUDINAL SECTION 1/200

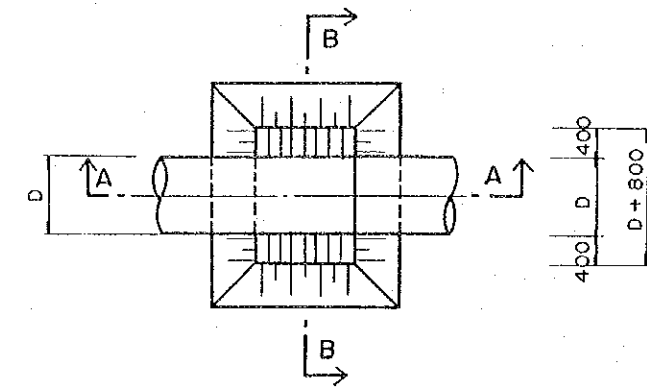


No	α_1	α_2	L	l_1	l_2	l_3	l_4	l_5	l_6	l_7	H	h_1	h_2	h_3	h_4	h_5	h_6	h_7	h_8	h_9	W
6	6.44°	16.19°	9,770	286	4,682	4,802	500	4,468	500	4,302	6,566	1,000	1,000	2,500	551	1,515	3,106	1,394	194	1,872	2,600
11	33.69°	41.64°	9,476	1,304	3,688	4,484	1,000	3,992	1,000	3,484	10,172	2,000	2,000	4,216	770	1,186	2,013	1,907	2,080	4,172	3,000

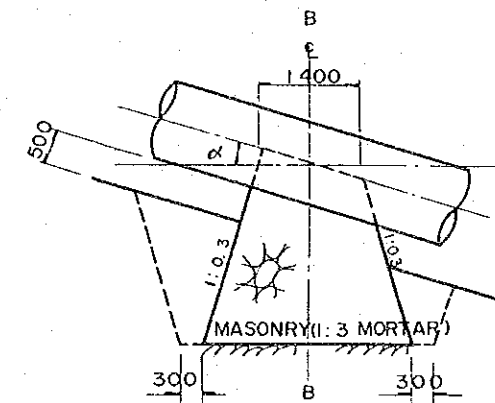
ILAM-F/S 005 4/4

SADDLE (TYPICAL) 1/100

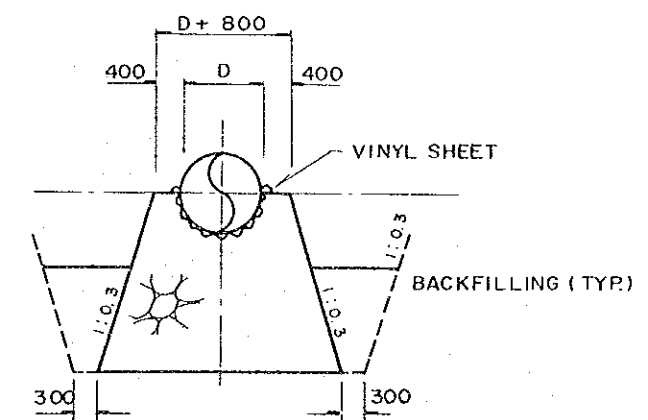
PLAN



SECT. A-A



SECT. B-B

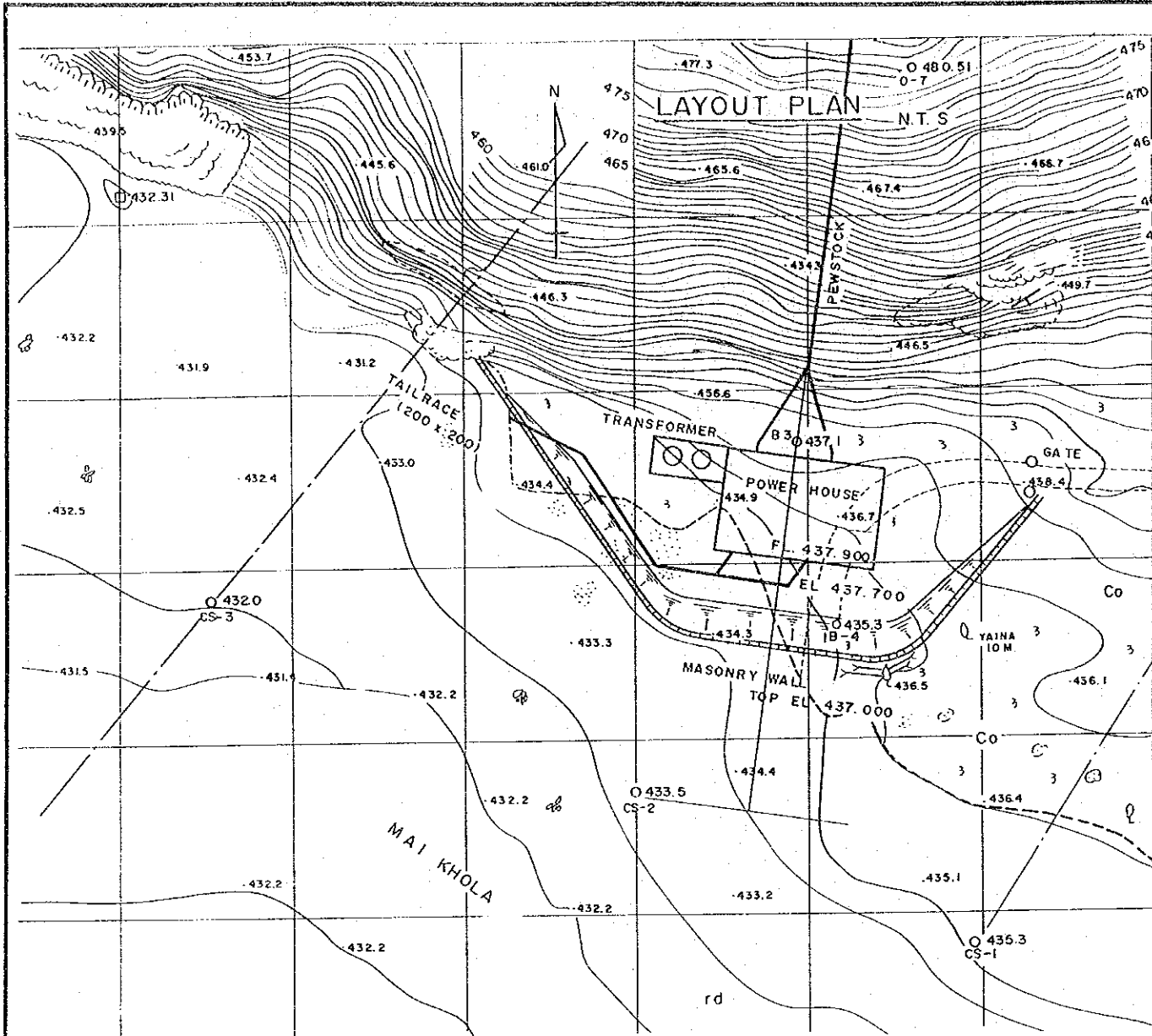


FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

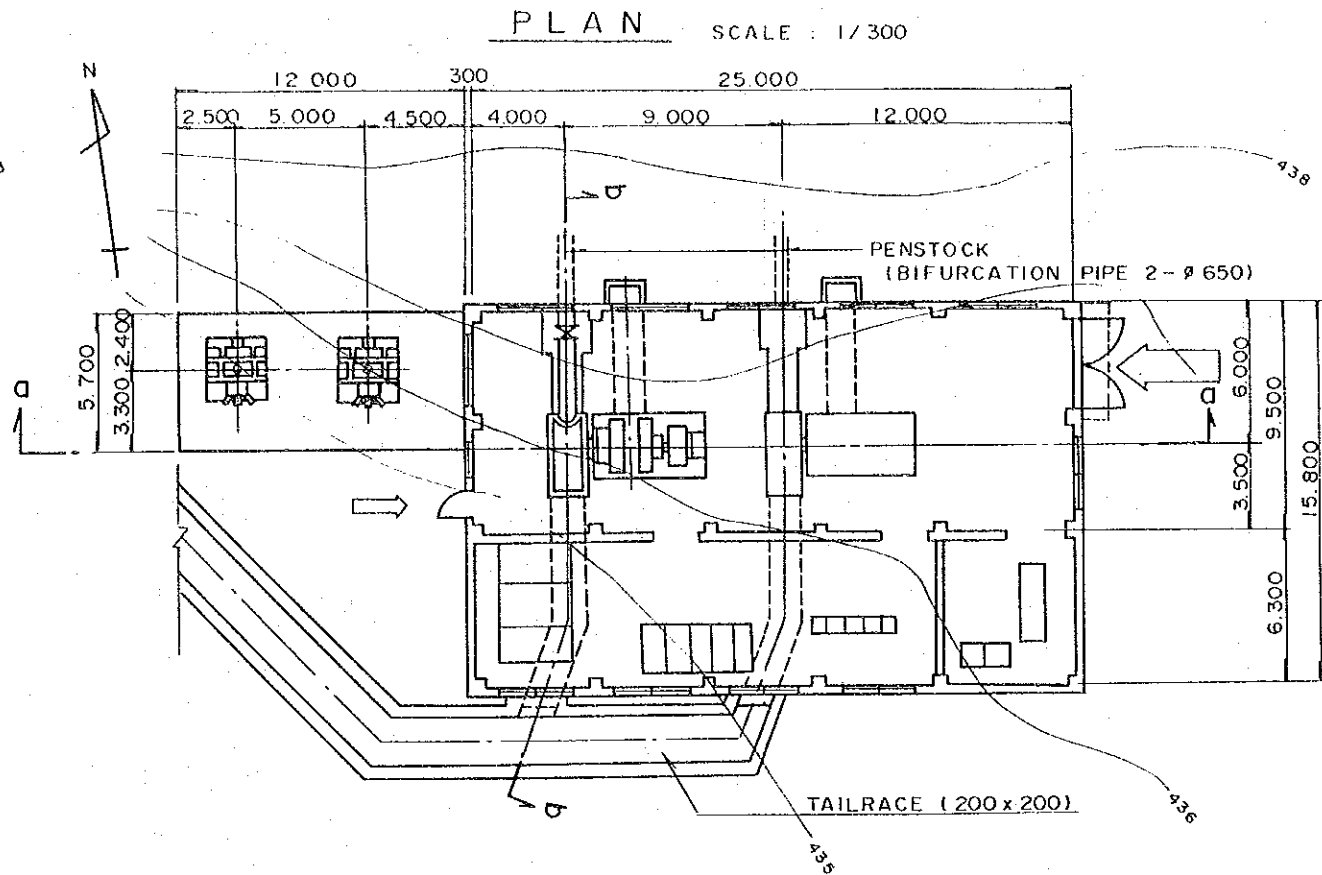
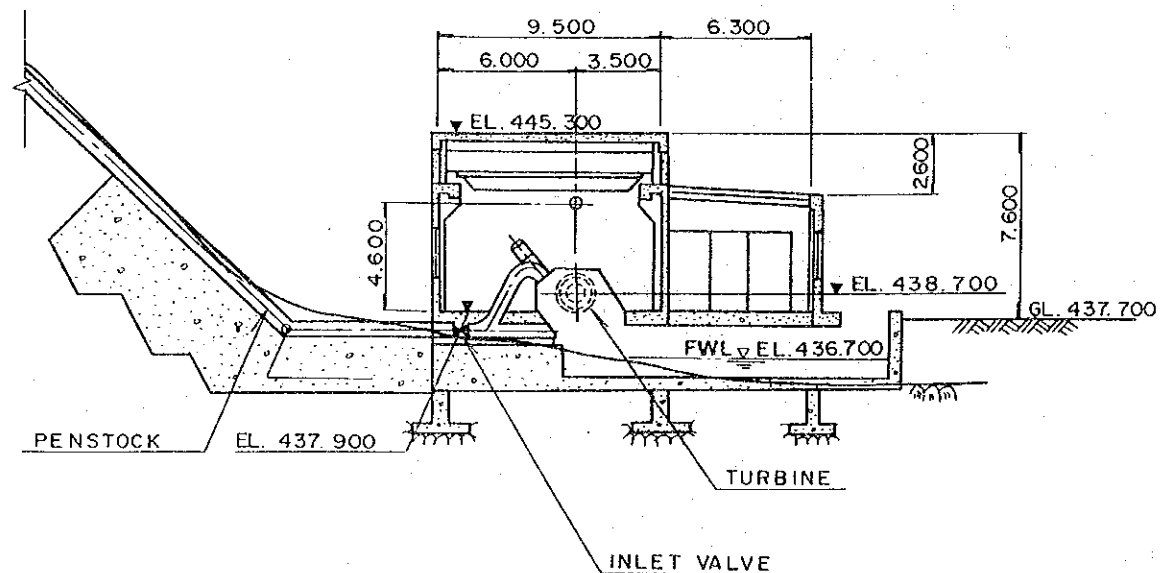
DETAILS FOR PENSTOCK ANCHOR BLOCKS & SADDLES

JAPAN INTERNATIONAL COOPERATION AGENCY
DWG. NO. ILAM-F/S005 SHEET 4 OF 4

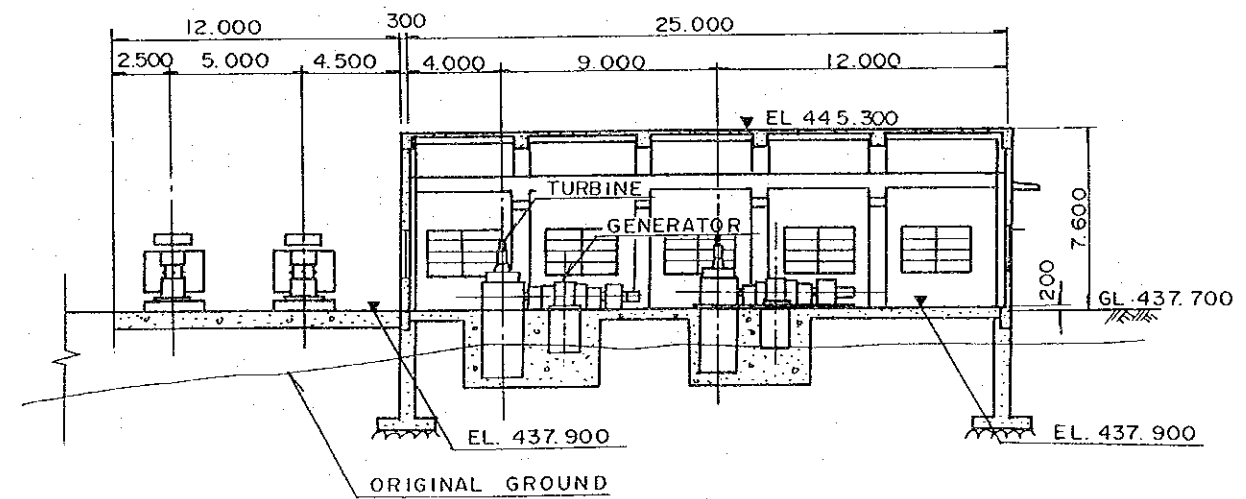
水圧管路固定台及び支台



SECTION b-b SCALE: 1/300



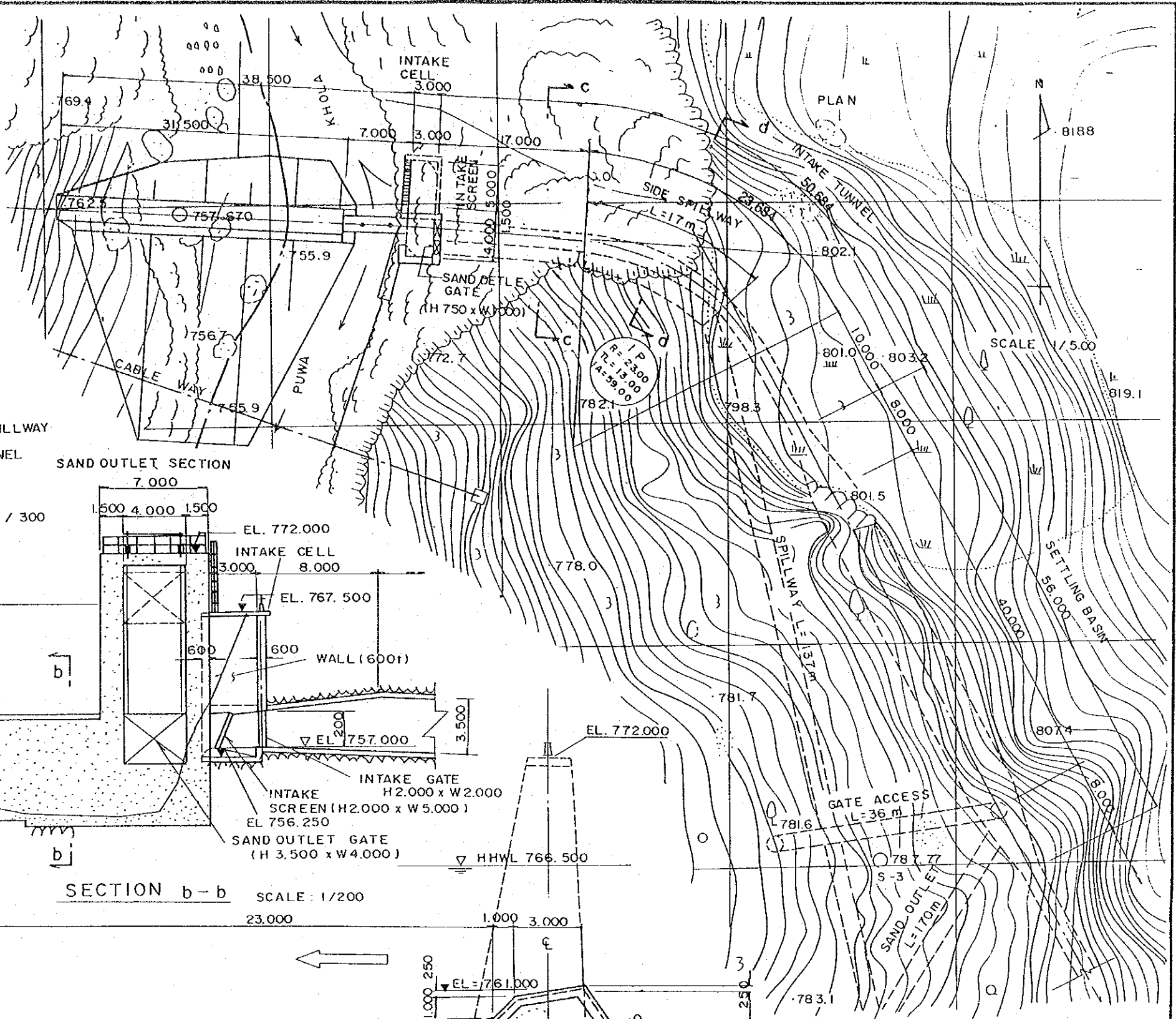
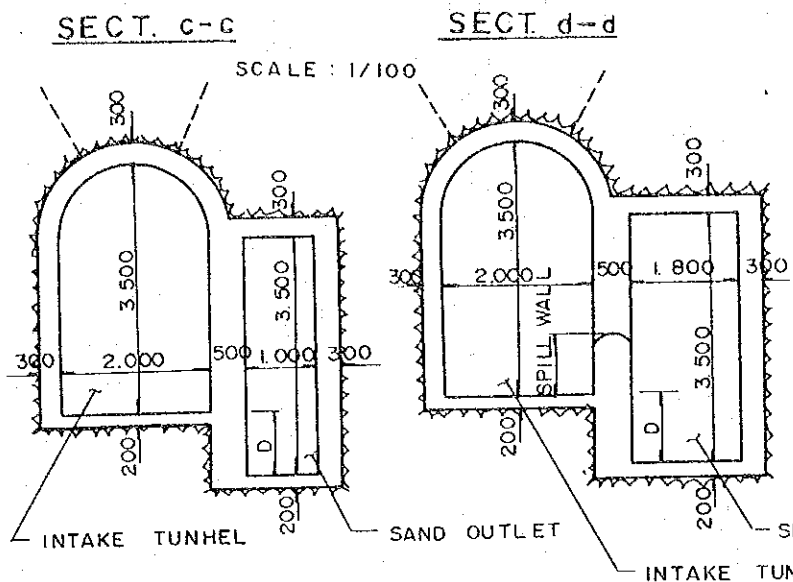
SECTION a-a SCALE: 1/300



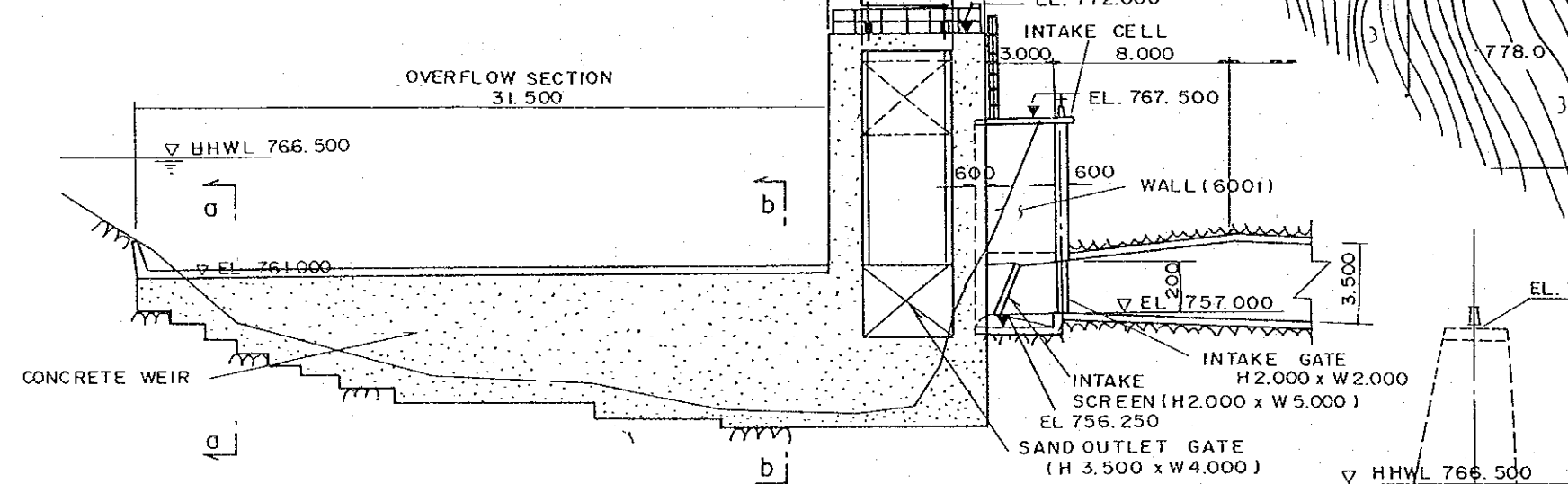
FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

OUTLINE OF POWER HOUSE

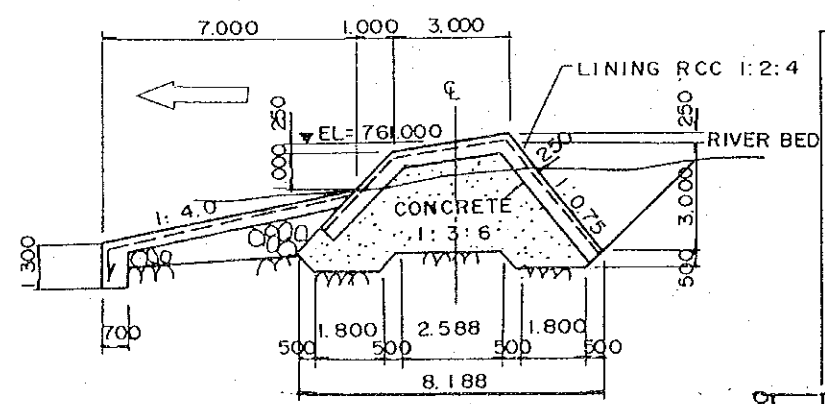
JAPAN INTERNATIONAL COOPERATION AGENCY
DWG.NO. ILAM-F/S006 SHEET 1 OF 1



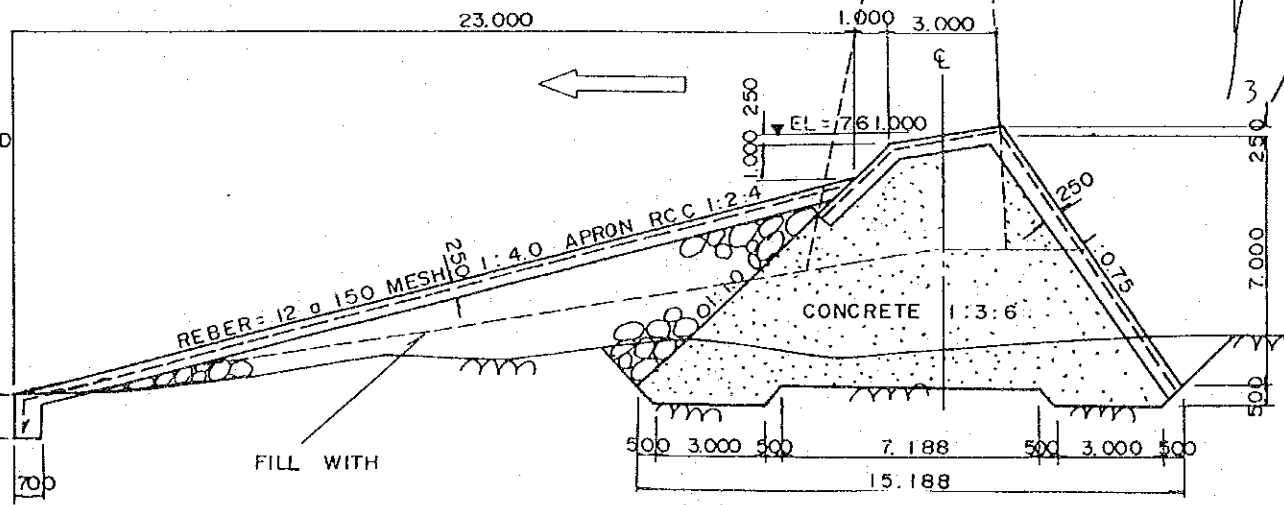
LONGITUDINAL SECTION SCALE: 1/300



SECTION a-a SCALE: 1/200



SECTION b-b SCALE: 1/200

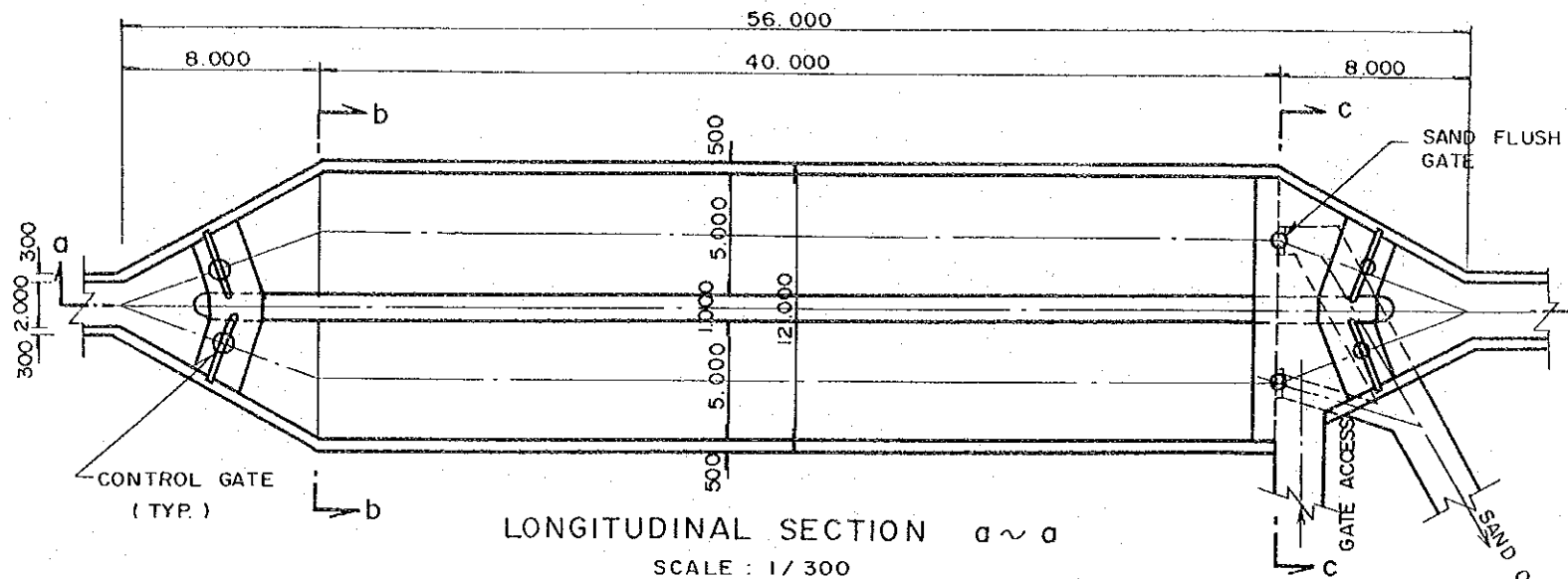


FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

DETAILS FOR INTAKE WEIR (ALTERNATIVE PLAN)

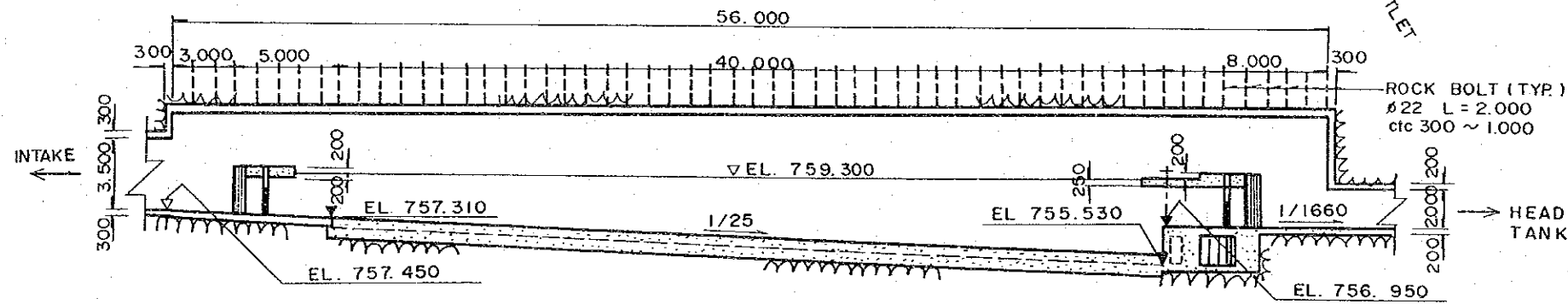
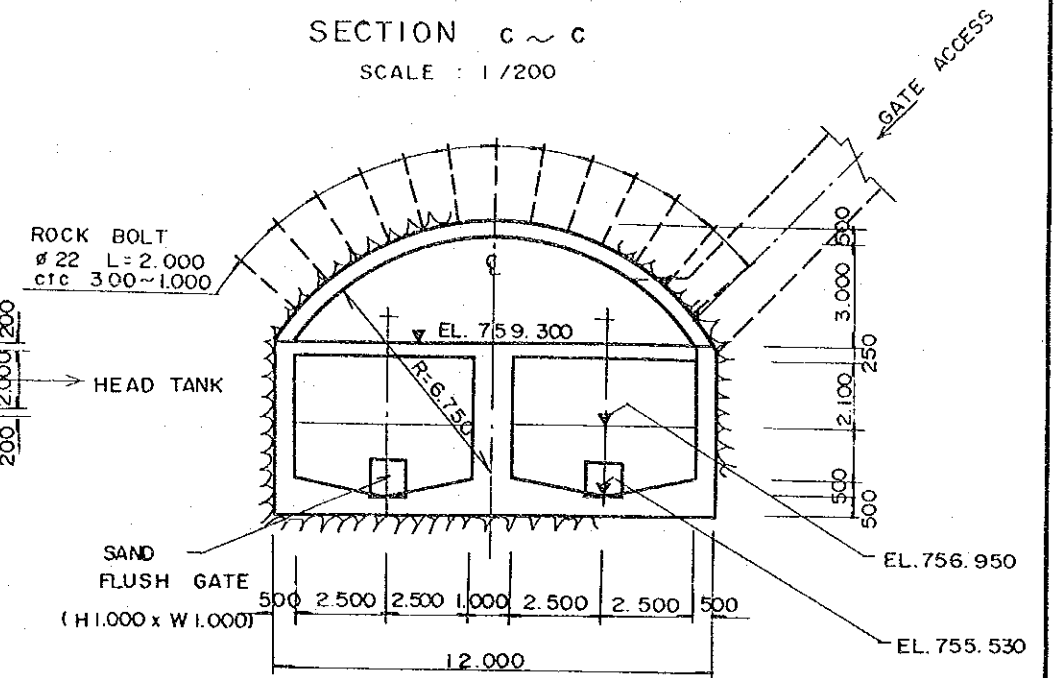
JAPAN INTERNATIONAL COOPERATION AGENCY
 DWG. NO. ILAM-F/S007 SHEET 1 OF 1

PLAN SCALE : 1/300



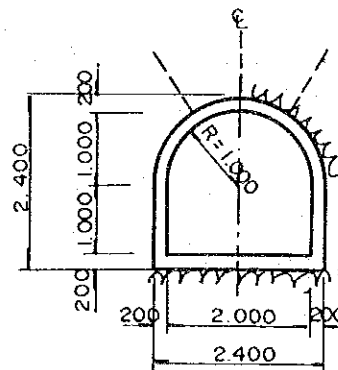
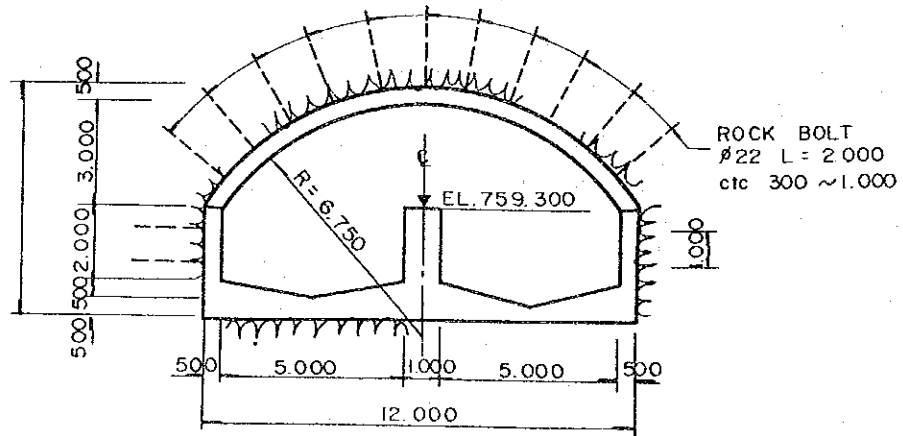
LONGITUDINAL SECTION a~a
SCALE : 1/300

SECTION c~c
SCALE : 1/200



SECTION b~b
SCALE : 1/200

SECTION FOR GATE ACCESS/SAND OUTLET
SCALE : 1/100

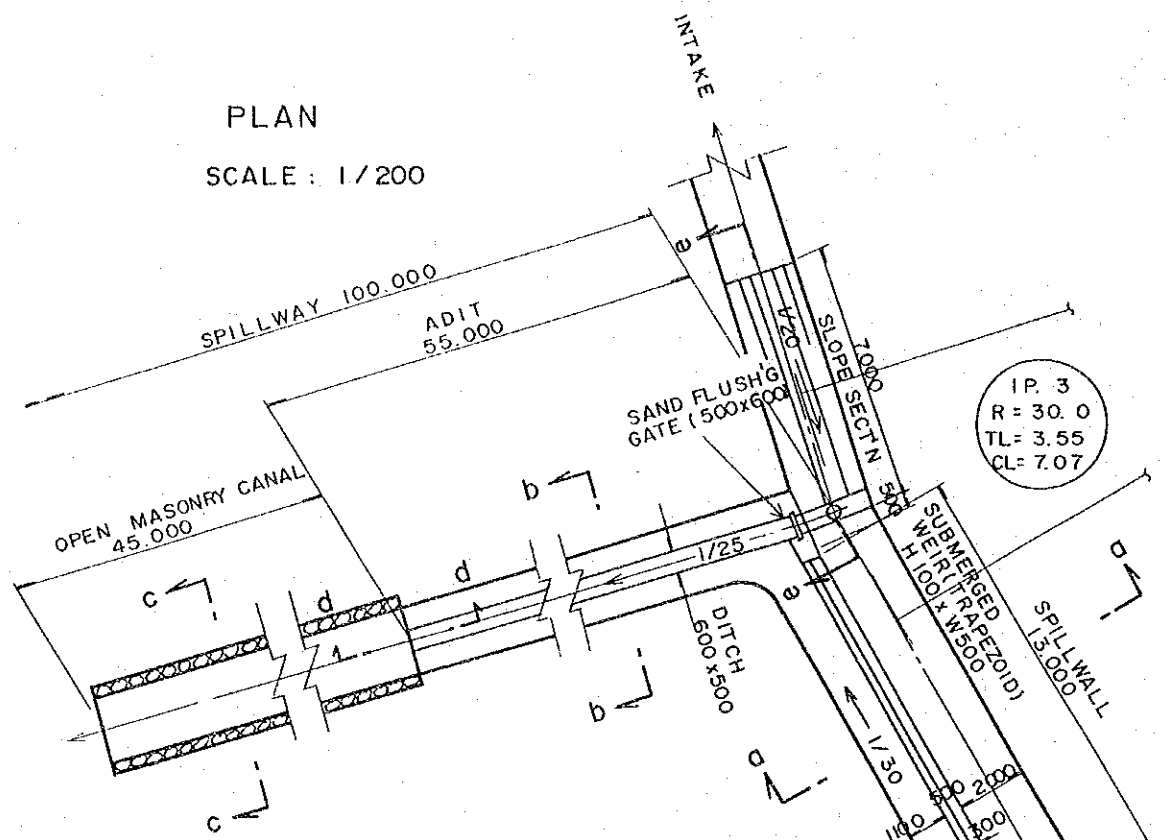


FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

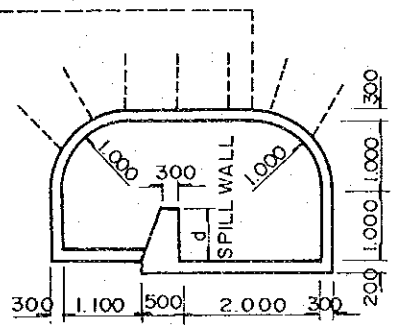
DETAILS FOR
SETTLING BASIN
(ALTERNATIVE PLAN)

JAPAN INTERNATIONAL COOPERATION AGENCY
DWG.NO. ILAM-F/S008 SHEET 1 OF 1

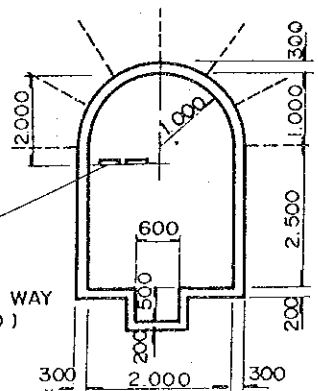
PLAN
SCALE: 1/200



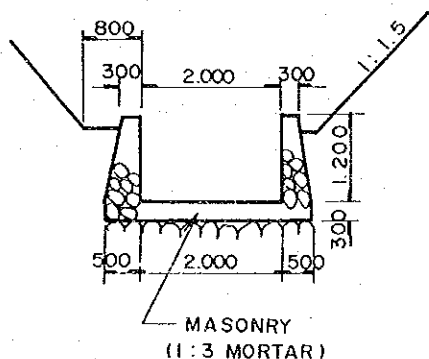
SECTION a-a
SCALE: 1/100



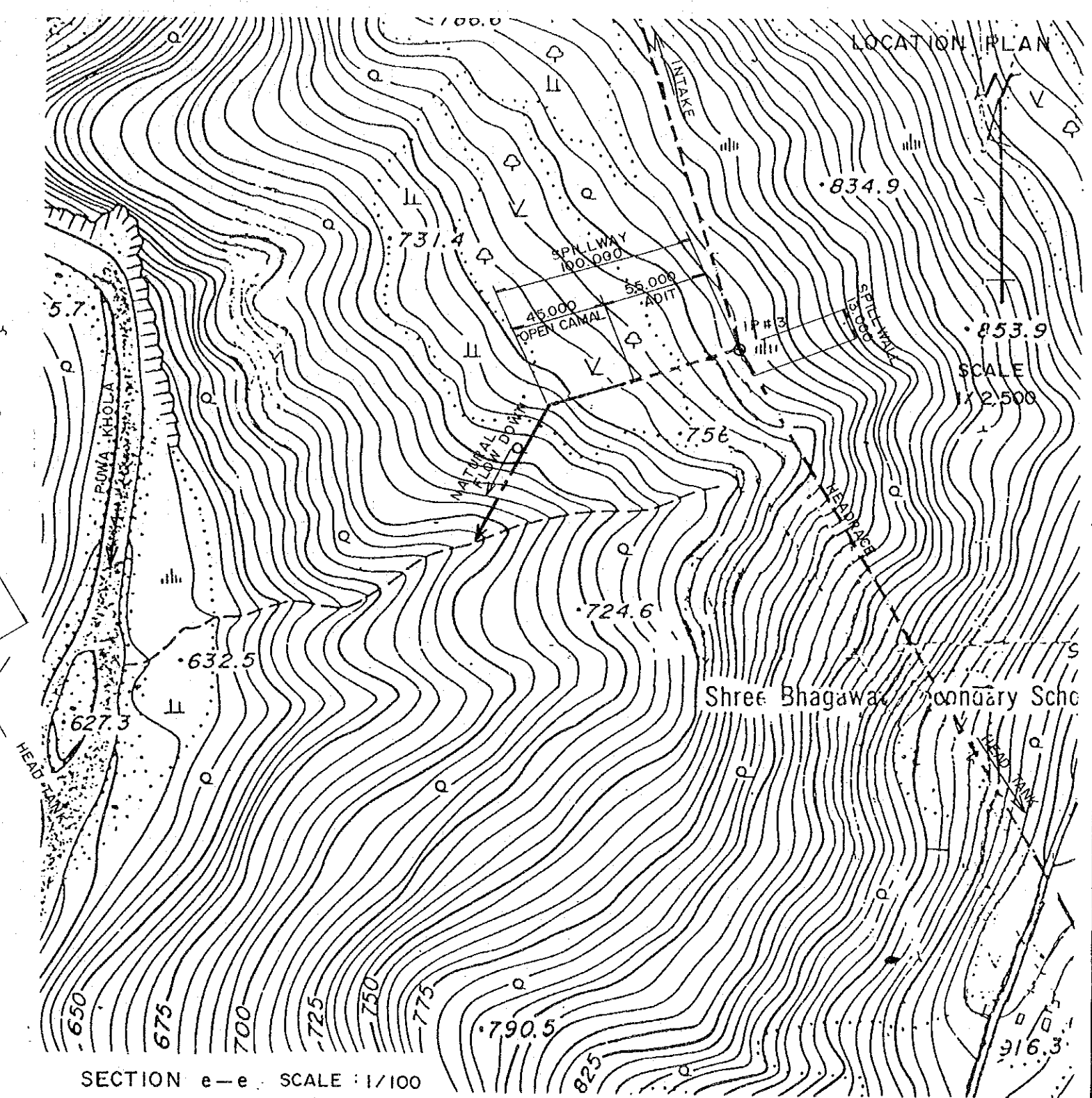
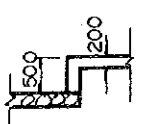
SECTION b-b
SCALE: 1/100



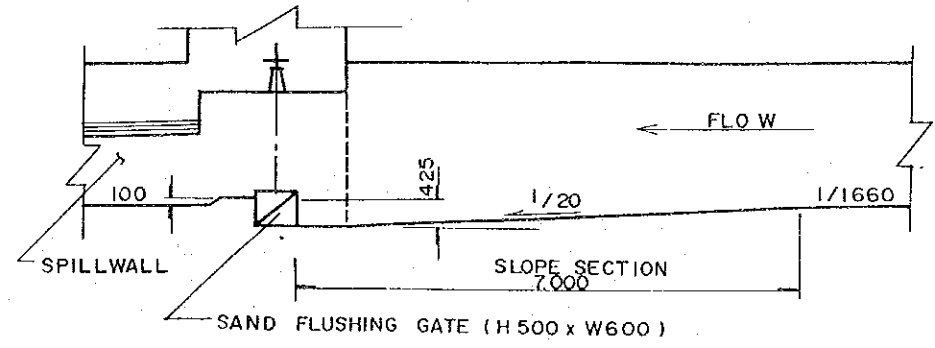
SECTION c-c
SCALE: 1/100



SECTION d-d
SCALE: 1/200



SECTION e-e SCALE: 1/100



FEASIBILITY STUDY FOR ILAM SMALL HYDROPOWER
DEVELOPMENT PROJECT IN KINGDOM OF NEPAL

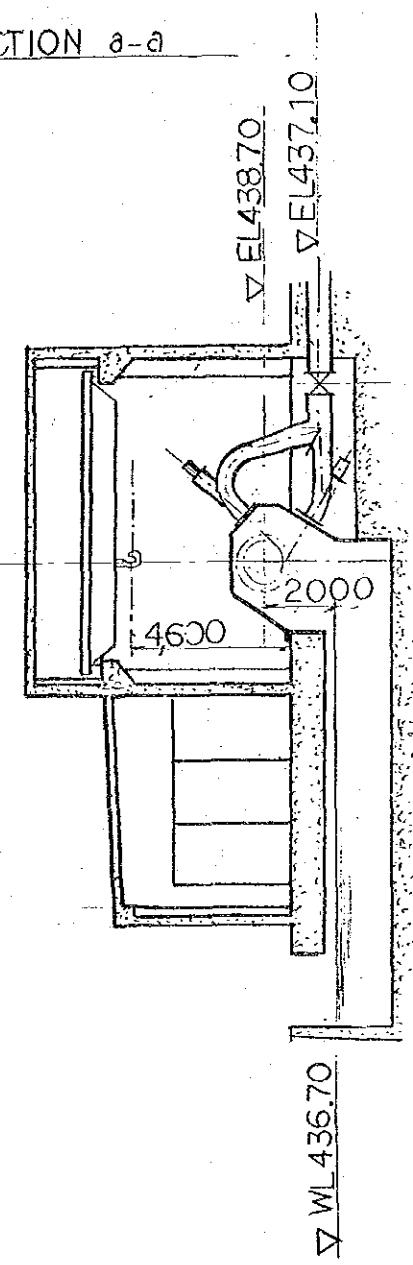
**DETAILS FOR
SPILLWAY (ADIT)**
(CH.0 + 2.240)

JAPAN INTERNATIONAL COOPERATION AGENCY
DWG.NO. ILAM-F/S 009 SHEET 1 OF 1

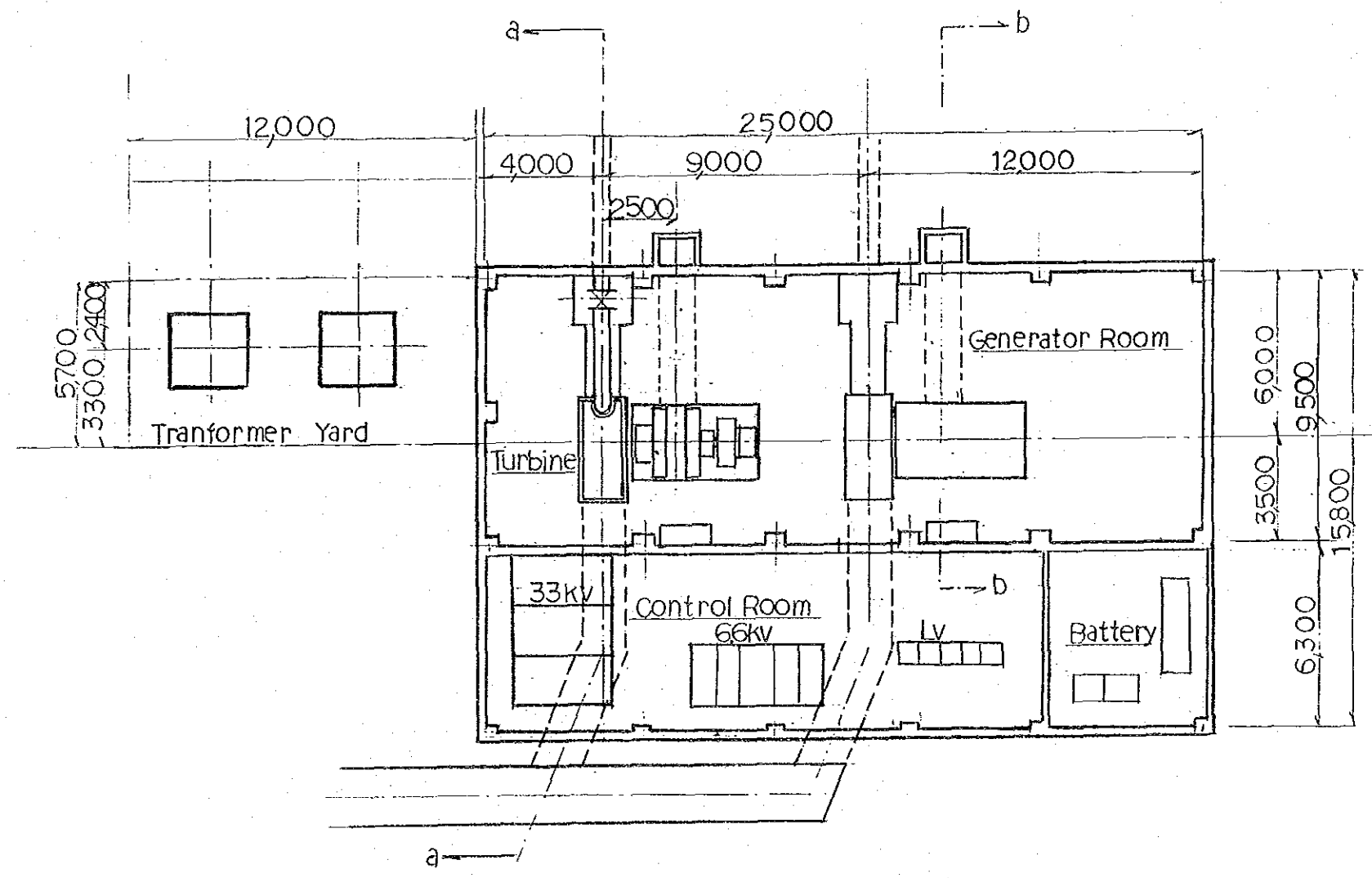
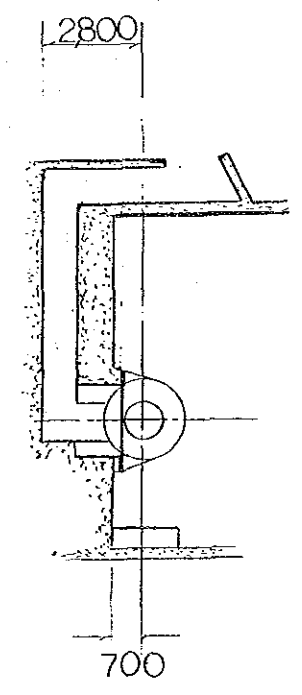
図面リスト (8)

<u>図面番号</u>	<u>名 称</u>
図5.5-1	発電所機械配置図
図5.5-2	発電所内の単線結線図
図5.5-3	送電線単線結線図
図5.5-4	送電線ルート
図5.5-5	電 柱 (A型)
図5.5-6	電 柱 (B型)

SECTION a-a



SECTION b-b



S = 1:200

图 5.5 - 1

发电所机械配置图

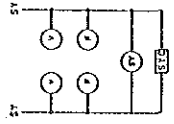
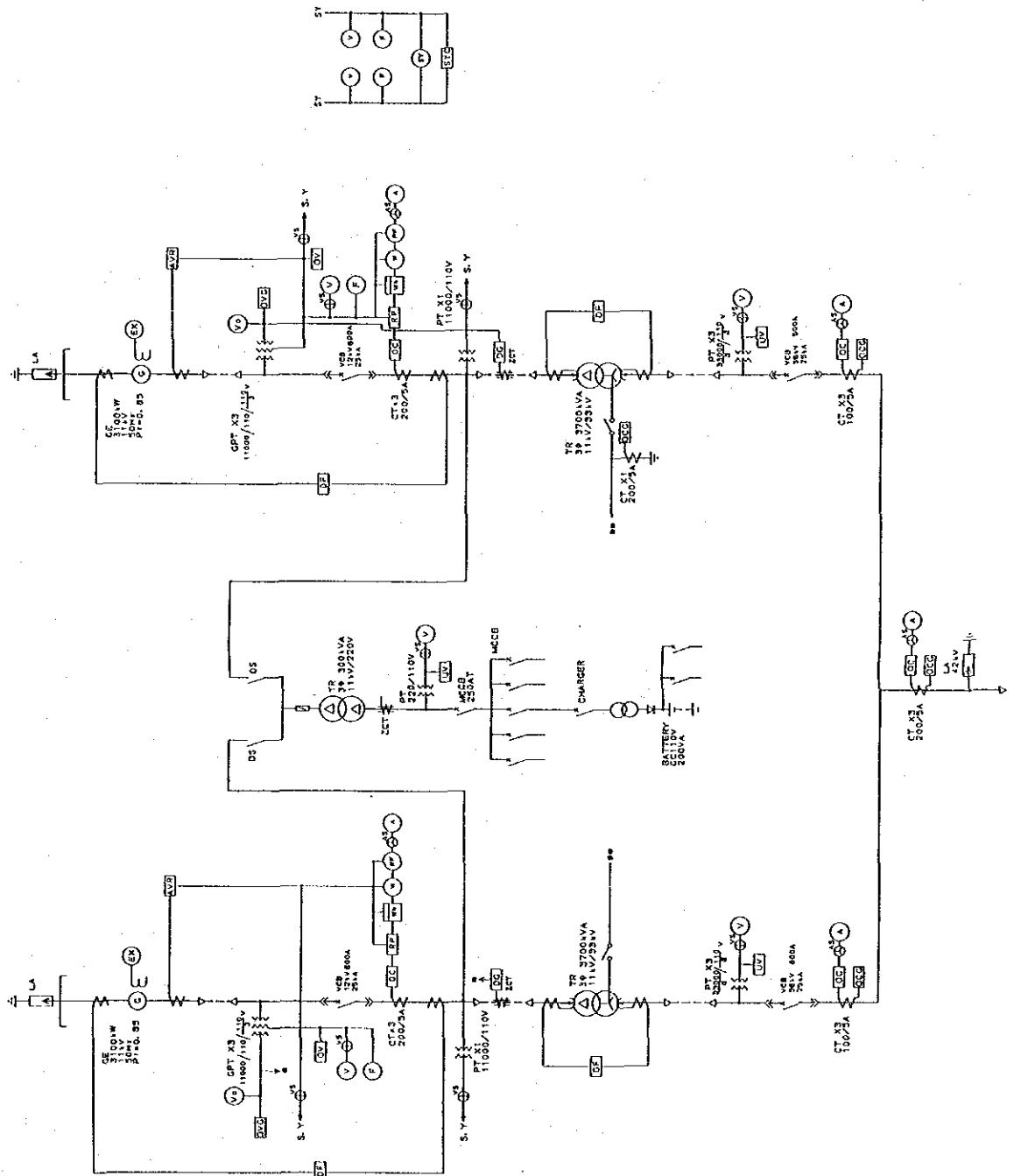


図 5.5 - 2

発電所内の単線結線図

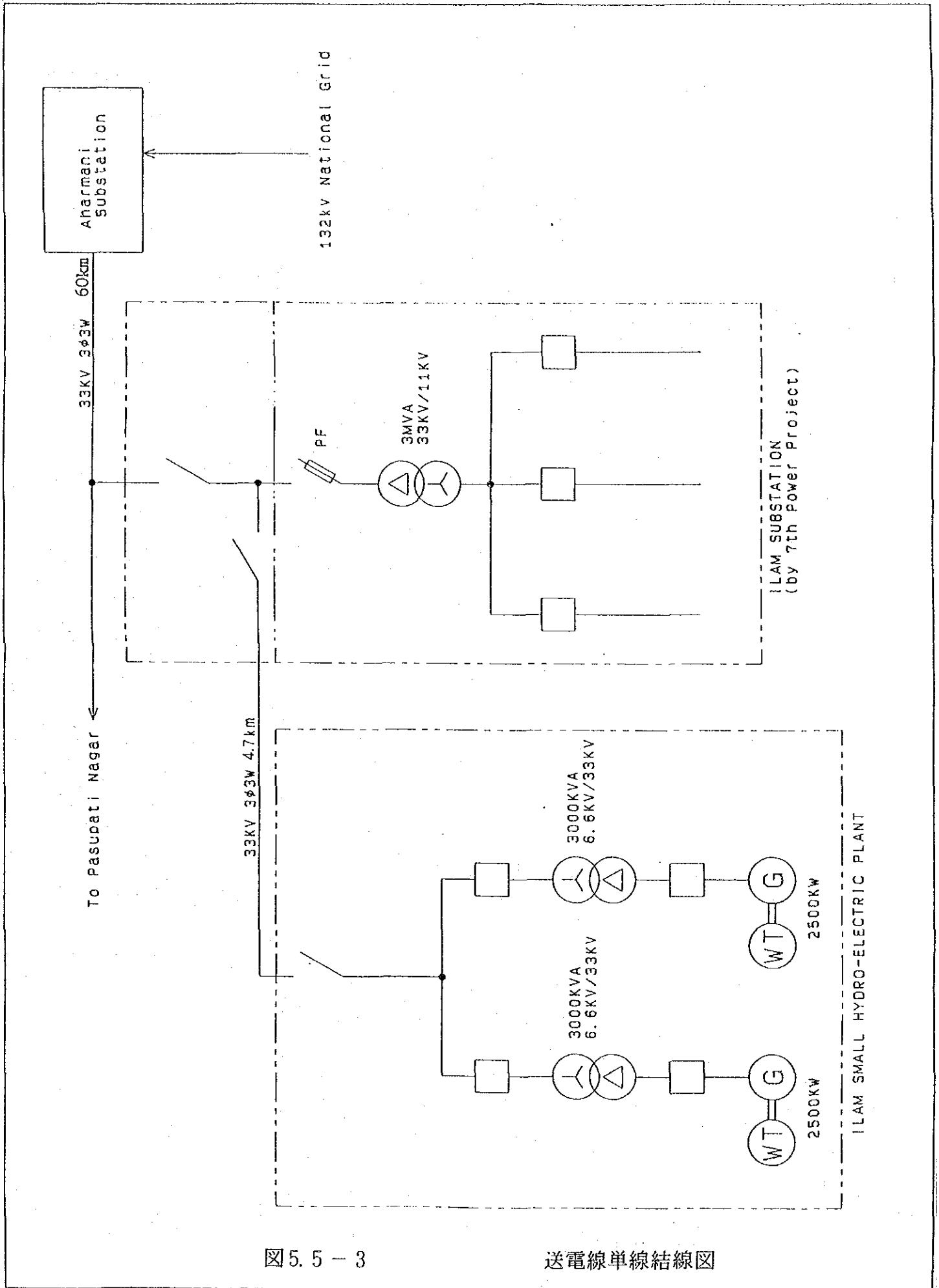


图 5.5 - 3

送電線单線結線图

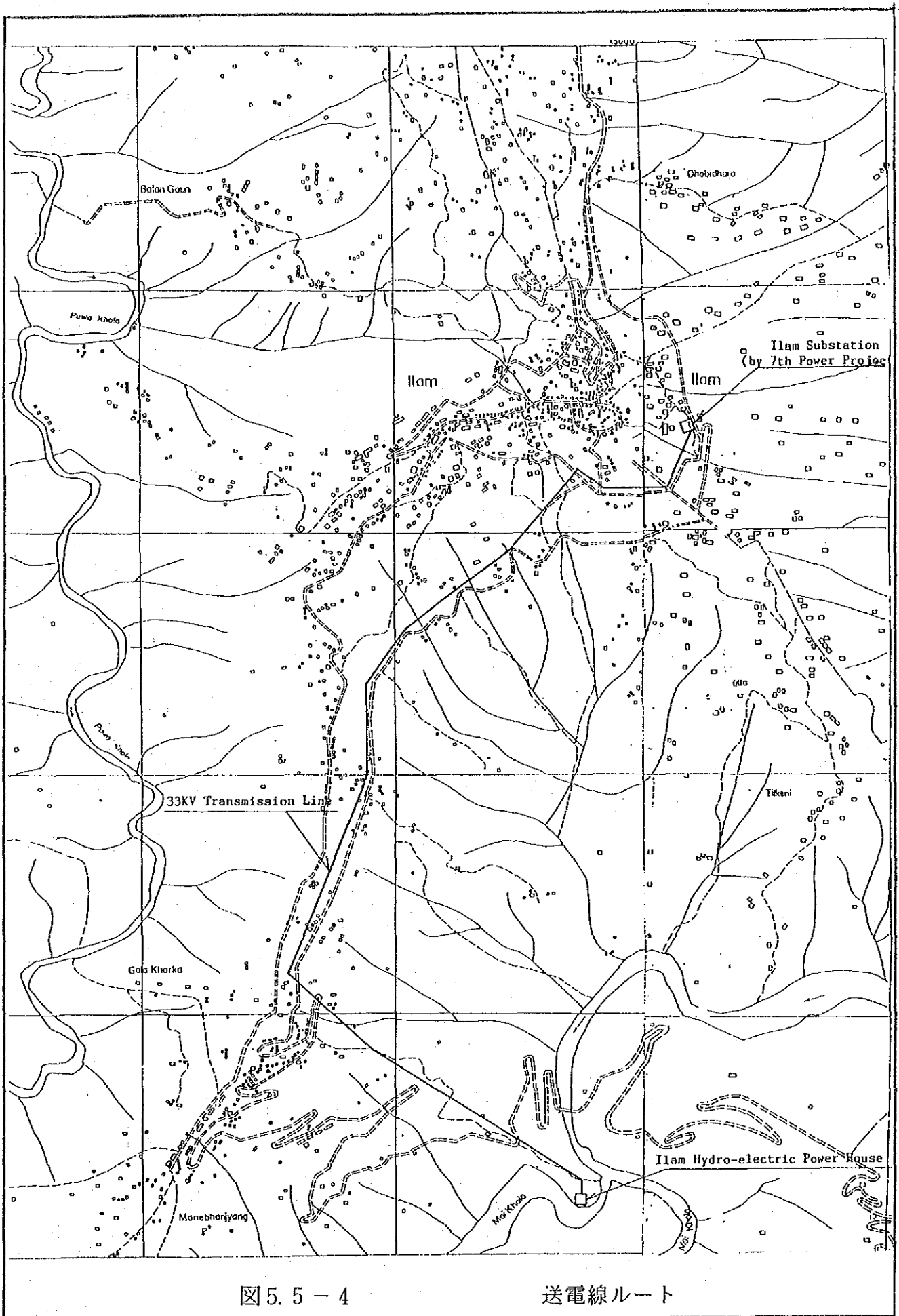
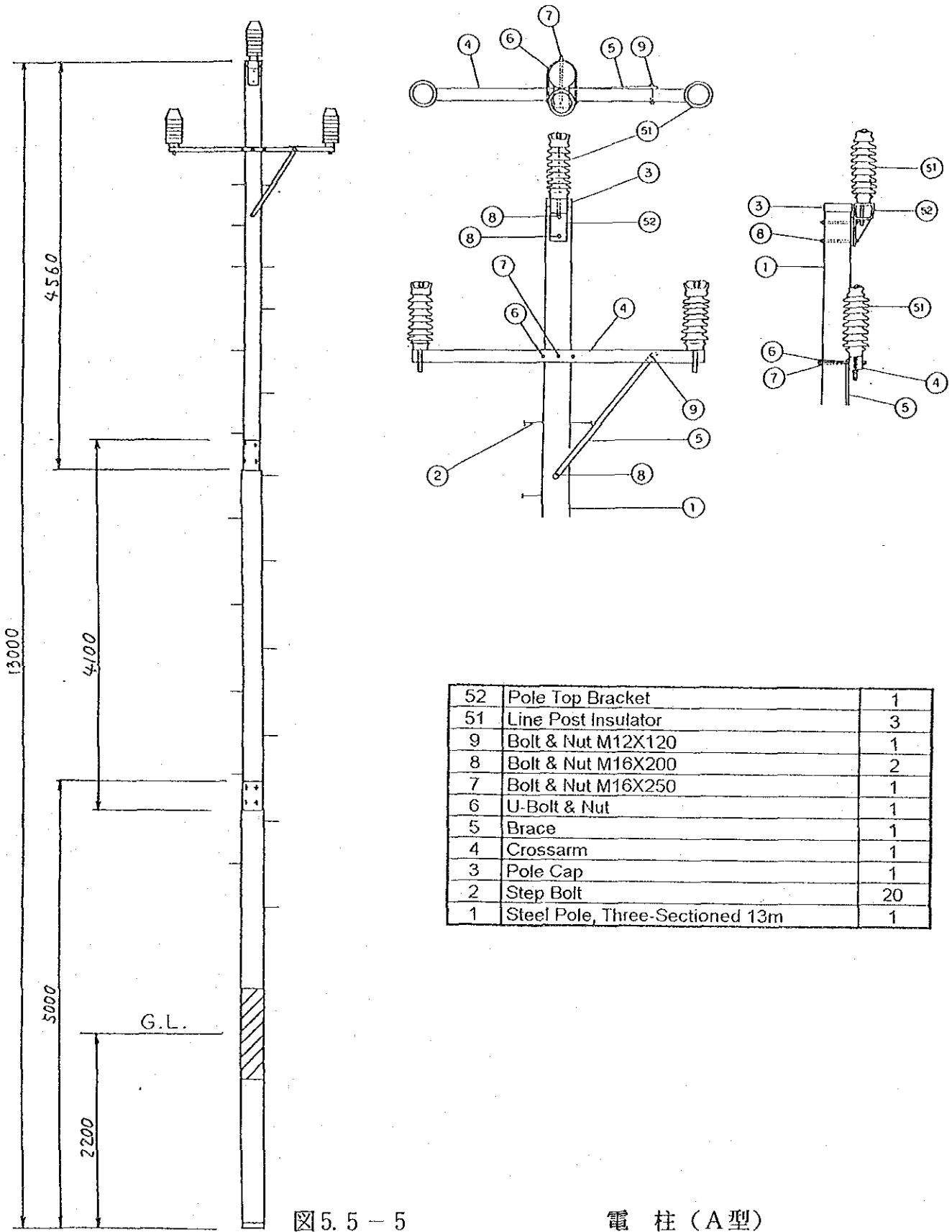


図5.5-4

送電線ルート

TYPE-A

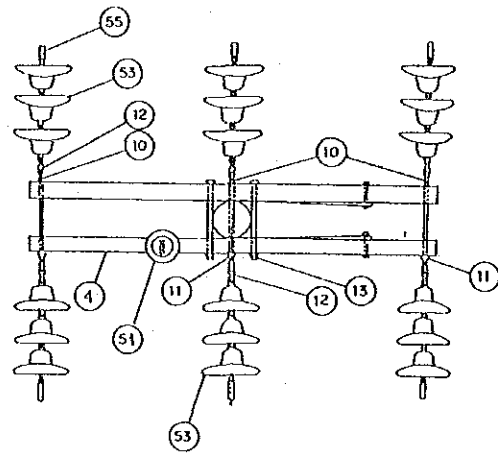
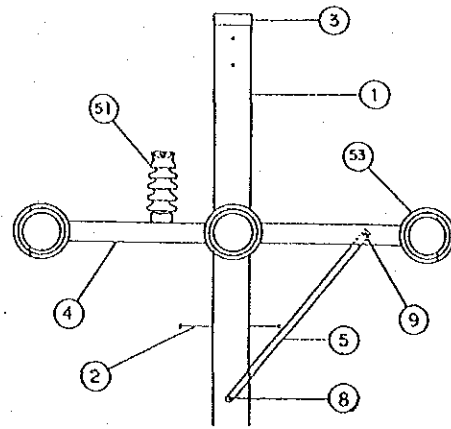
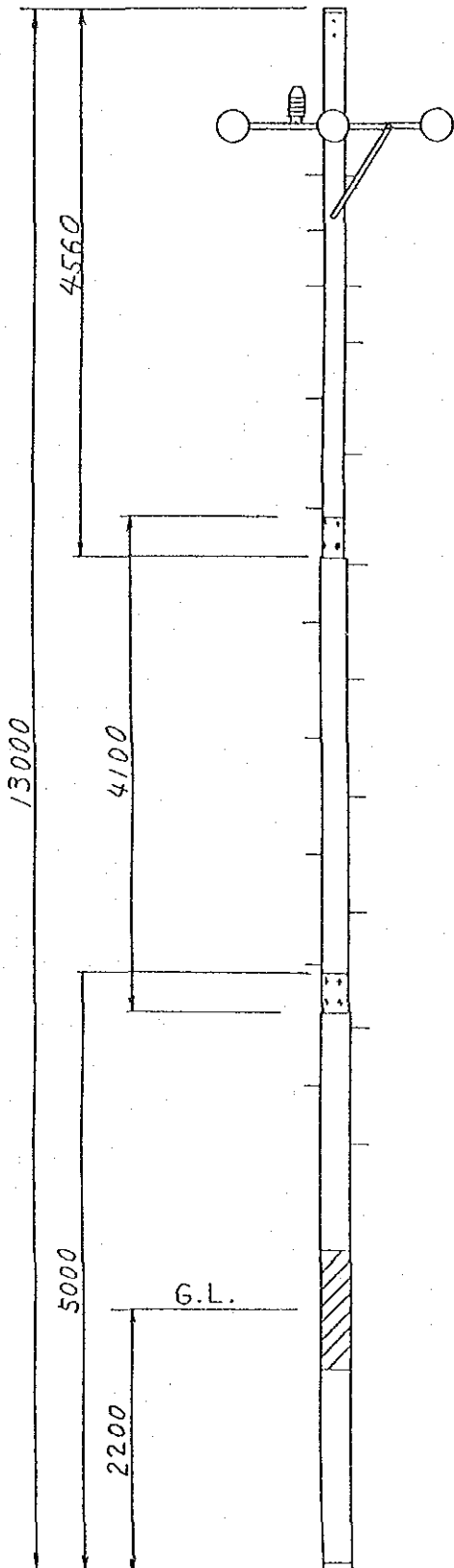


52	Pole Top Bracket	1
51	Line Post Insulator	3
9	Bolt & Nut M12X120	1
8	Bolt & Nut M16X200	2
7	Bolt & Nut M16X250	1
6	U-Bolt & Nut	1
5	Brace	1
4	Crossarm	1
3	Pole Cap	1
2	Step Bolt	20
1	Steel Pole, Three-Sectioned 13m	1

图 5.5 - 5

電 柱 (A 型)

TYPE-B



54	Strain Clamp for ACSR 100sq.mm	6
53	Suspension Insulator $\phi 250$	18
51	Line Post Insulator	1
13	Double Arming Bolt & Nuts M16X350	1
12	Parallel Clevis Links	18
11	Eye Nut	2
10	Double Arming Eye Bolt & Nuts M16X350	6
9	Bolt & Nut M12X120	3
8	Bolt & Nut M16X200	3
7	Bolt & Nut M16X250	2
6	U-Bolt & Nut	1
5	Brace	2
4	Crossarm	2
3	Pole Cap	1
2	Step Bolt	20
1	Steel Pole, Three-Sectioned 13m	1

图 5.5 - 6

電 柱 (B 型)

JICA