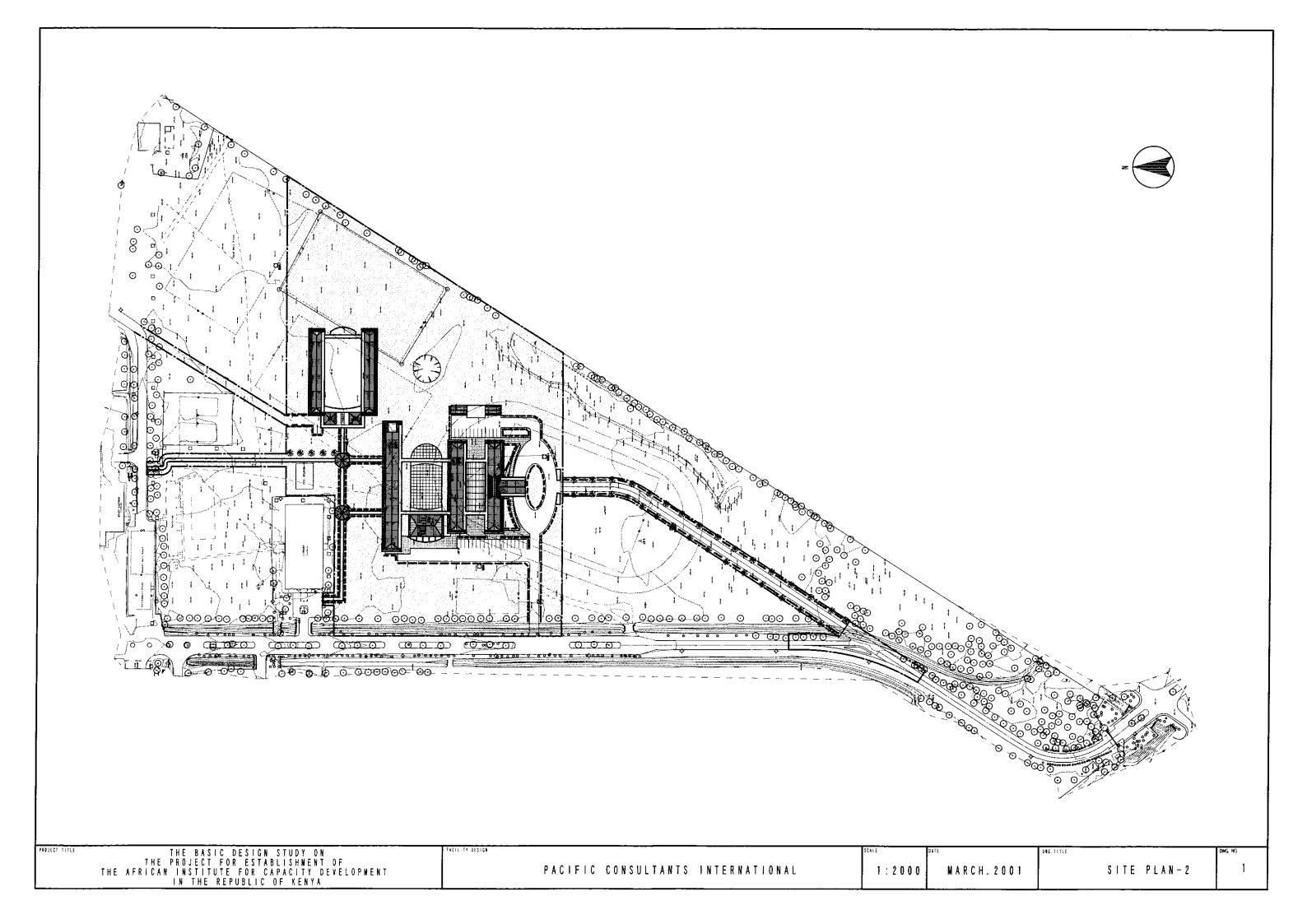
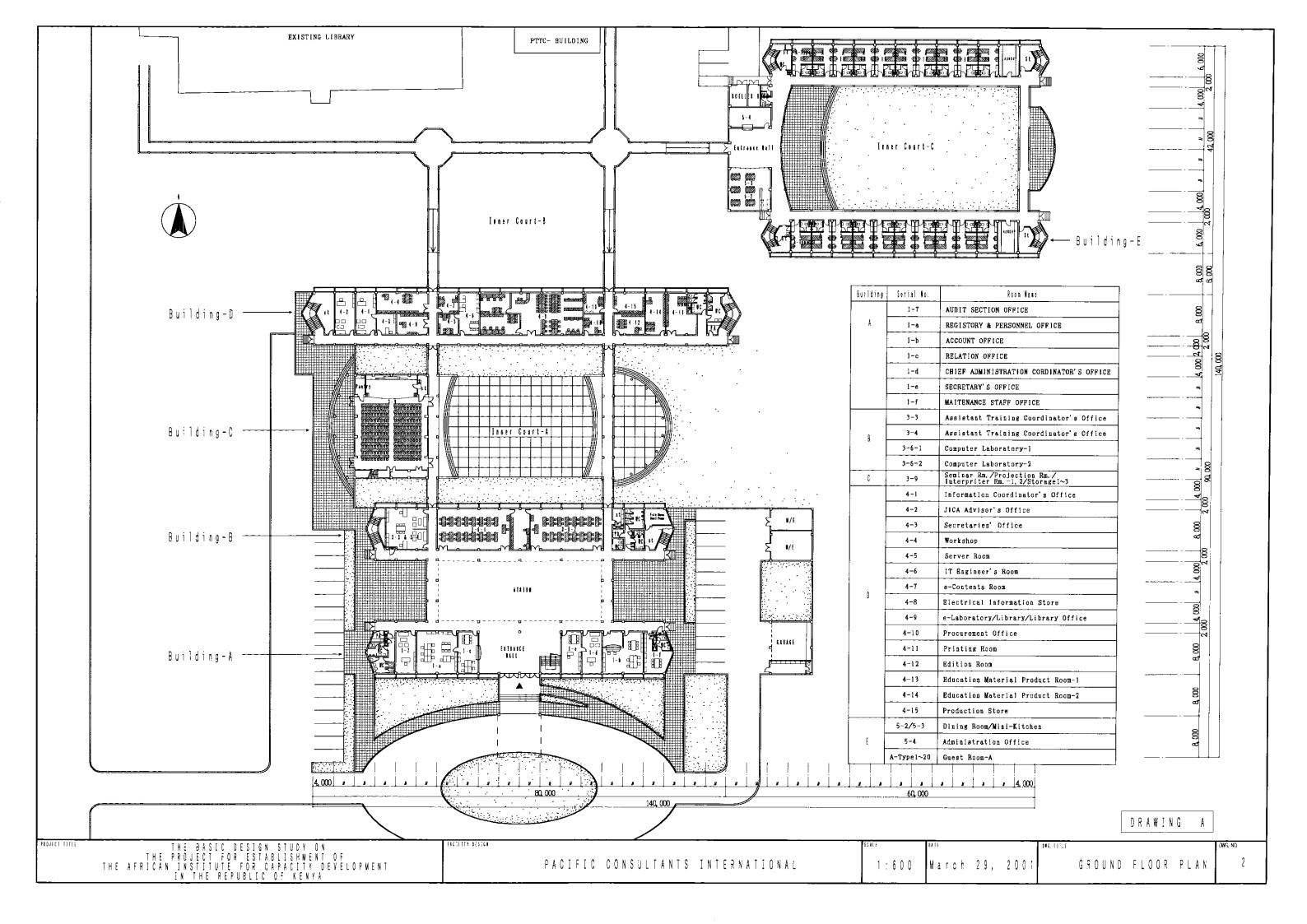
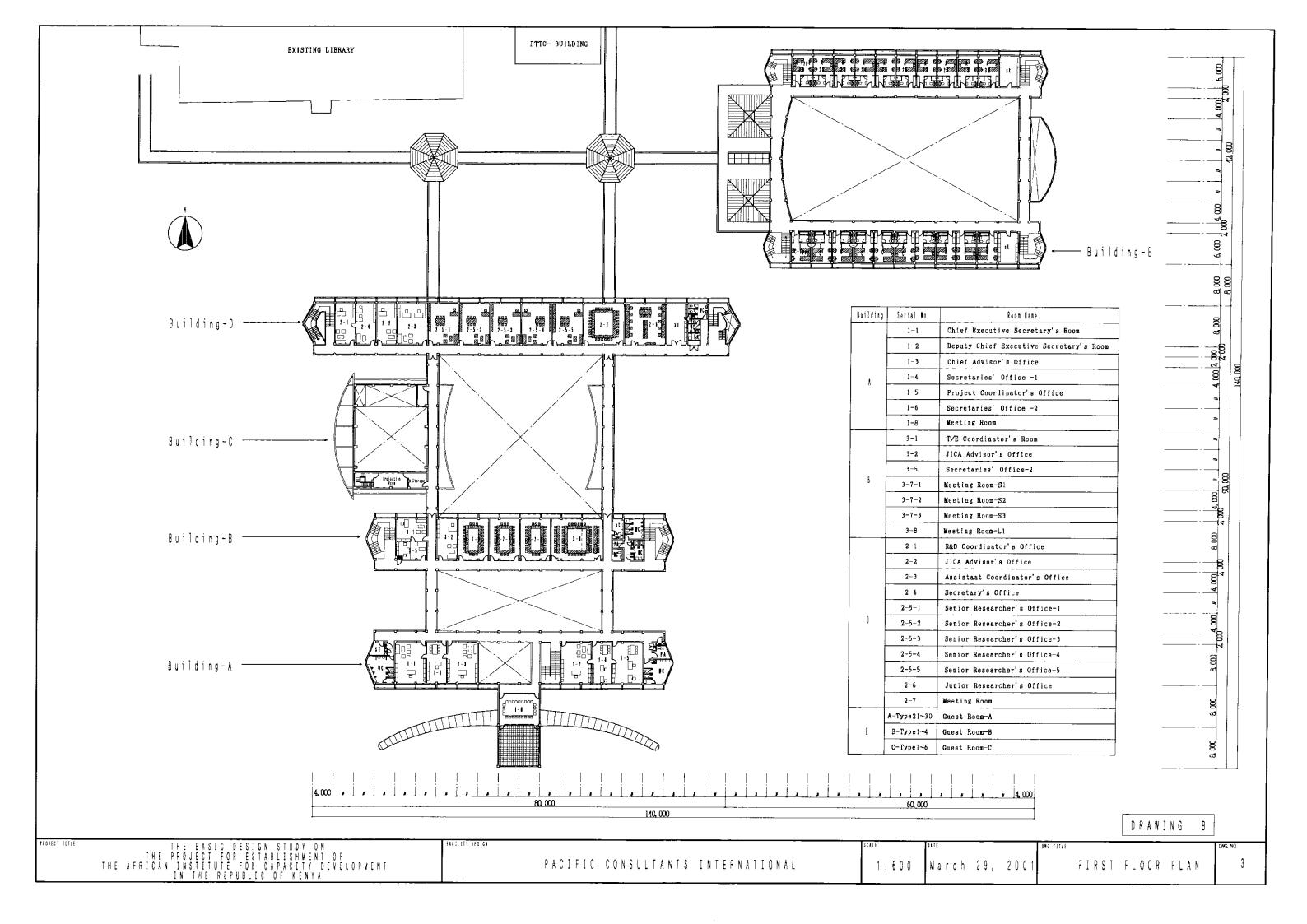
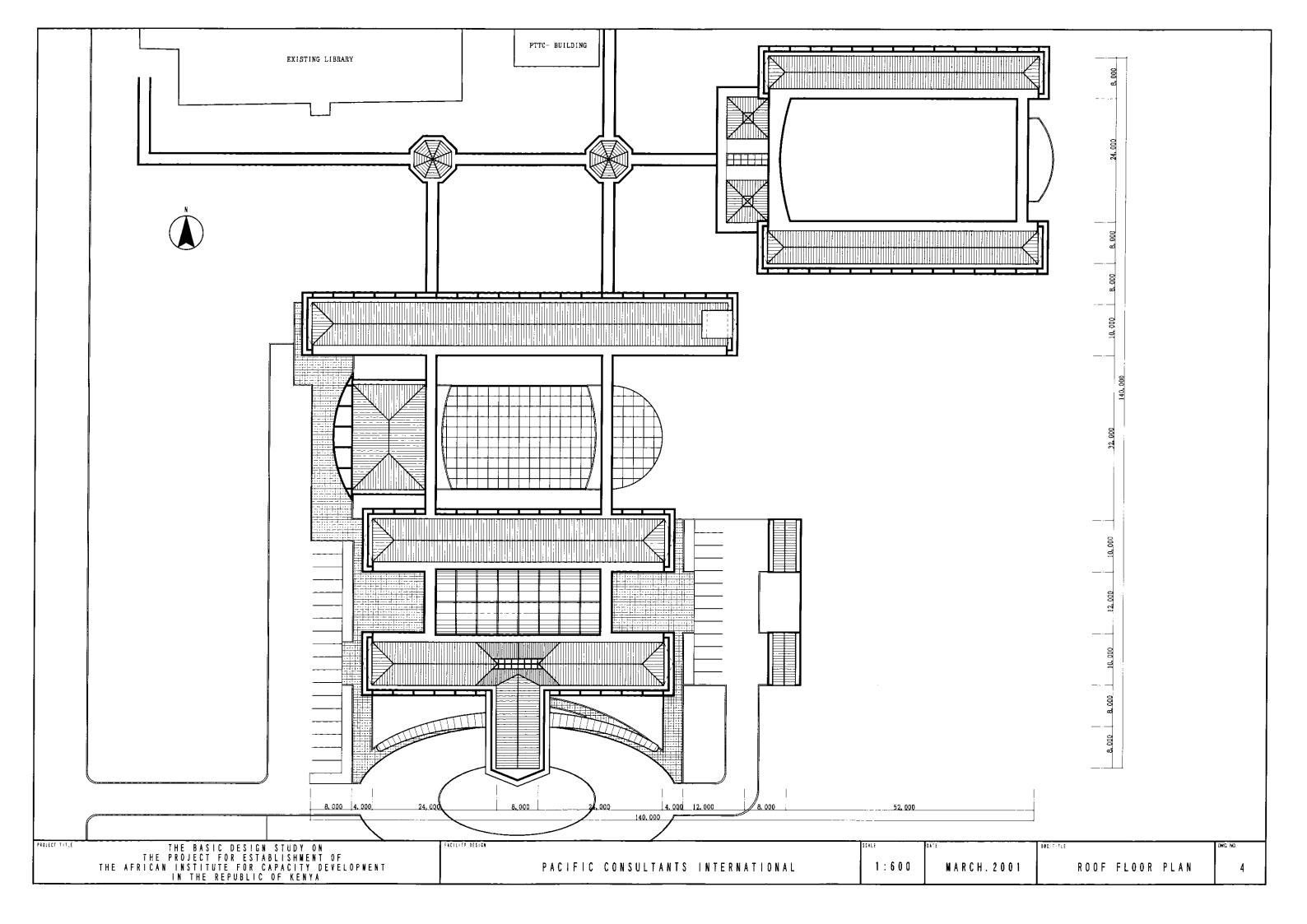
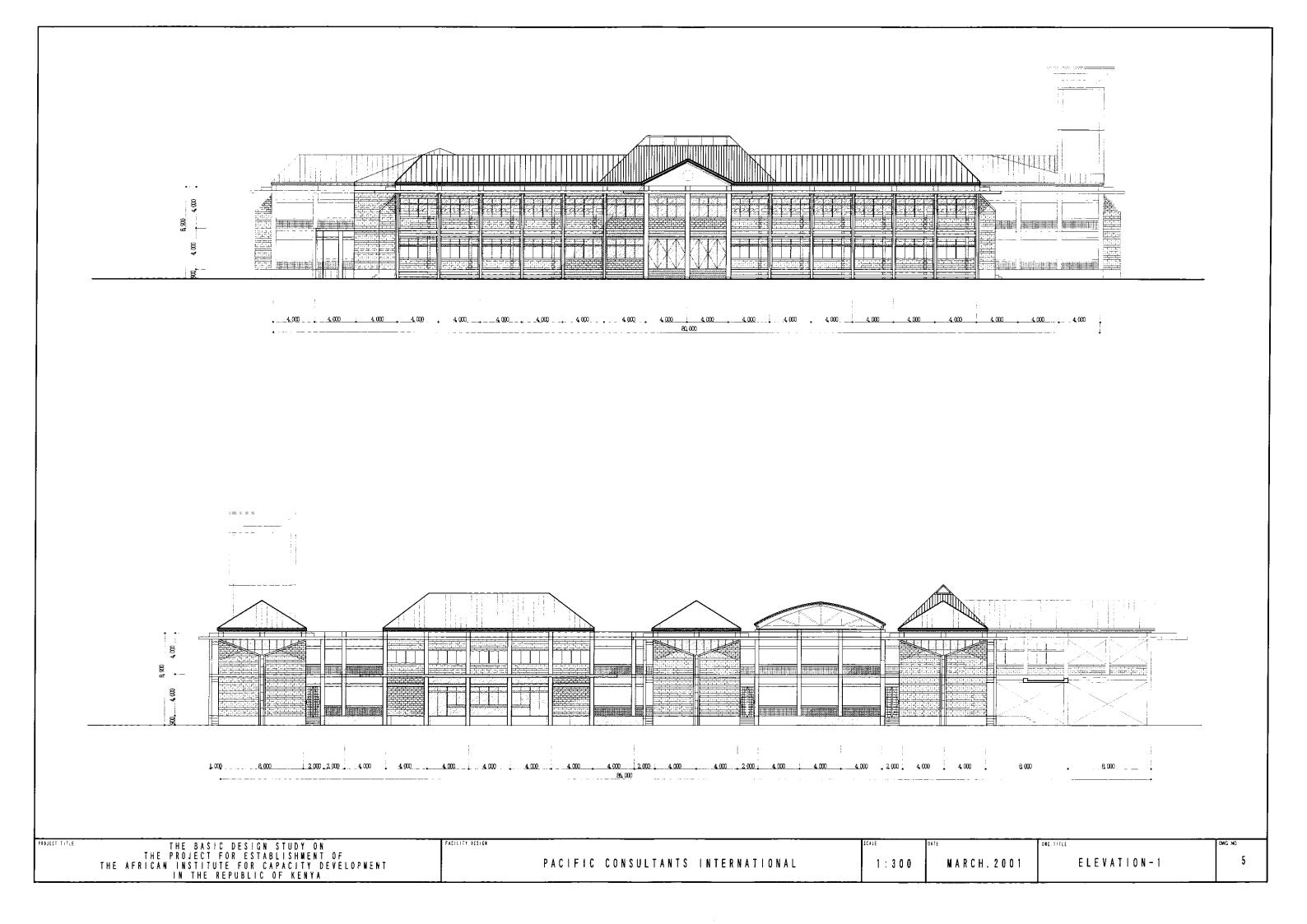
2-2-3 Basic Design Drawing & Equipment List

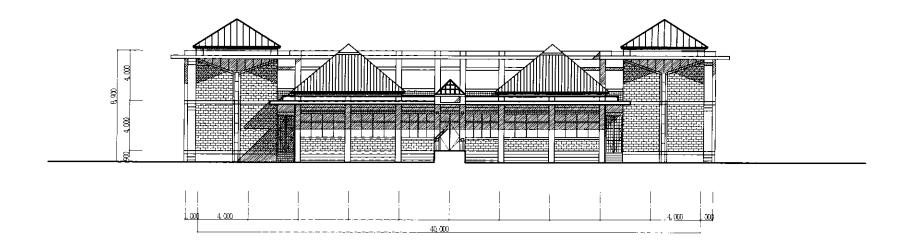


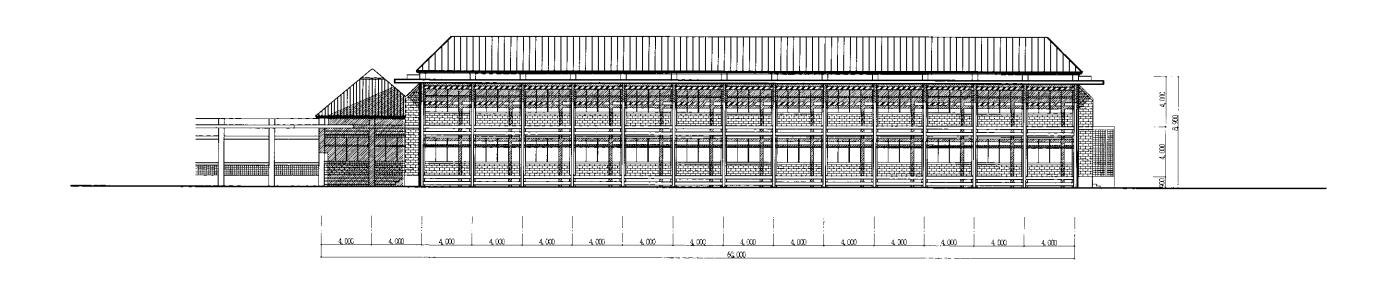








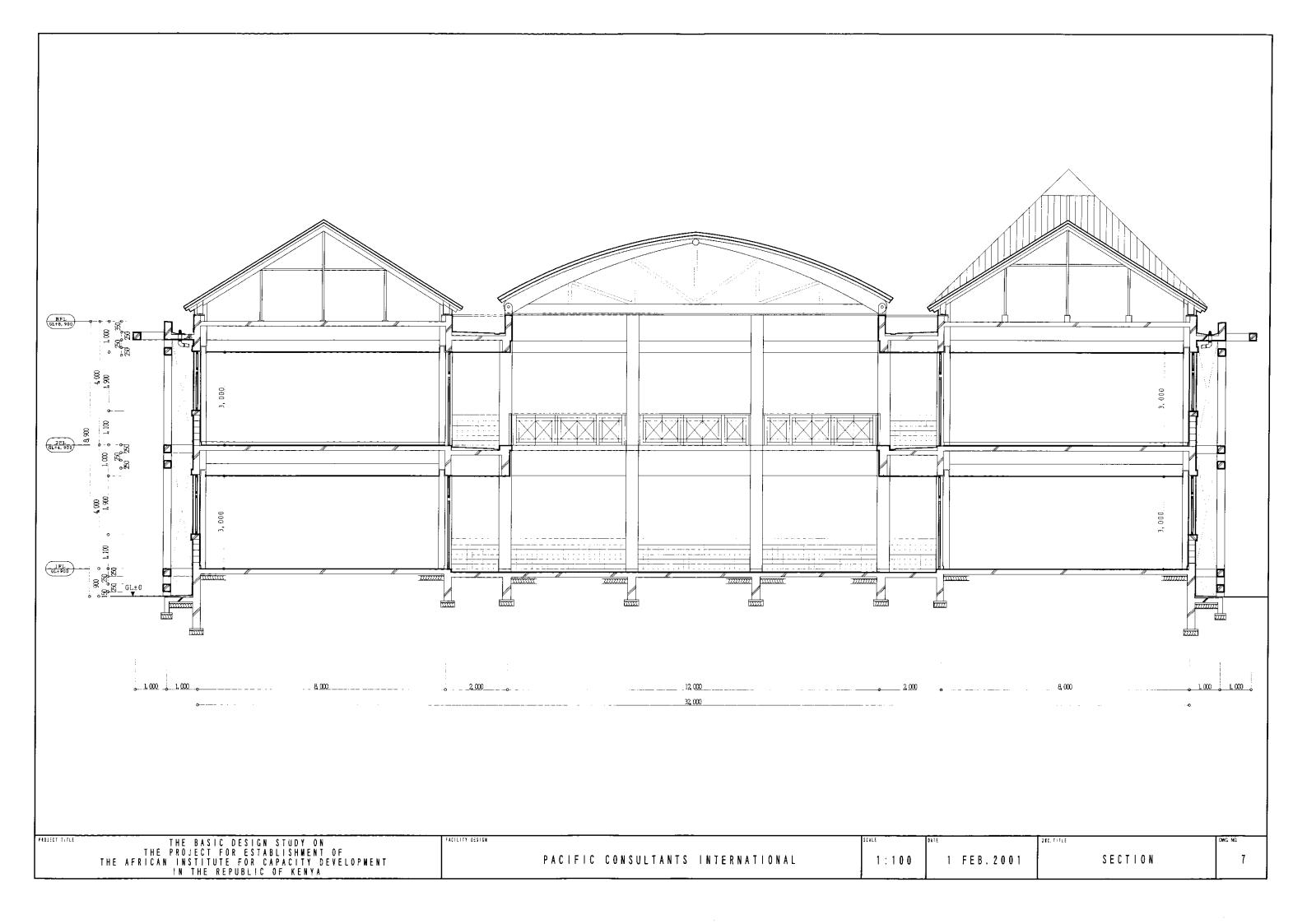




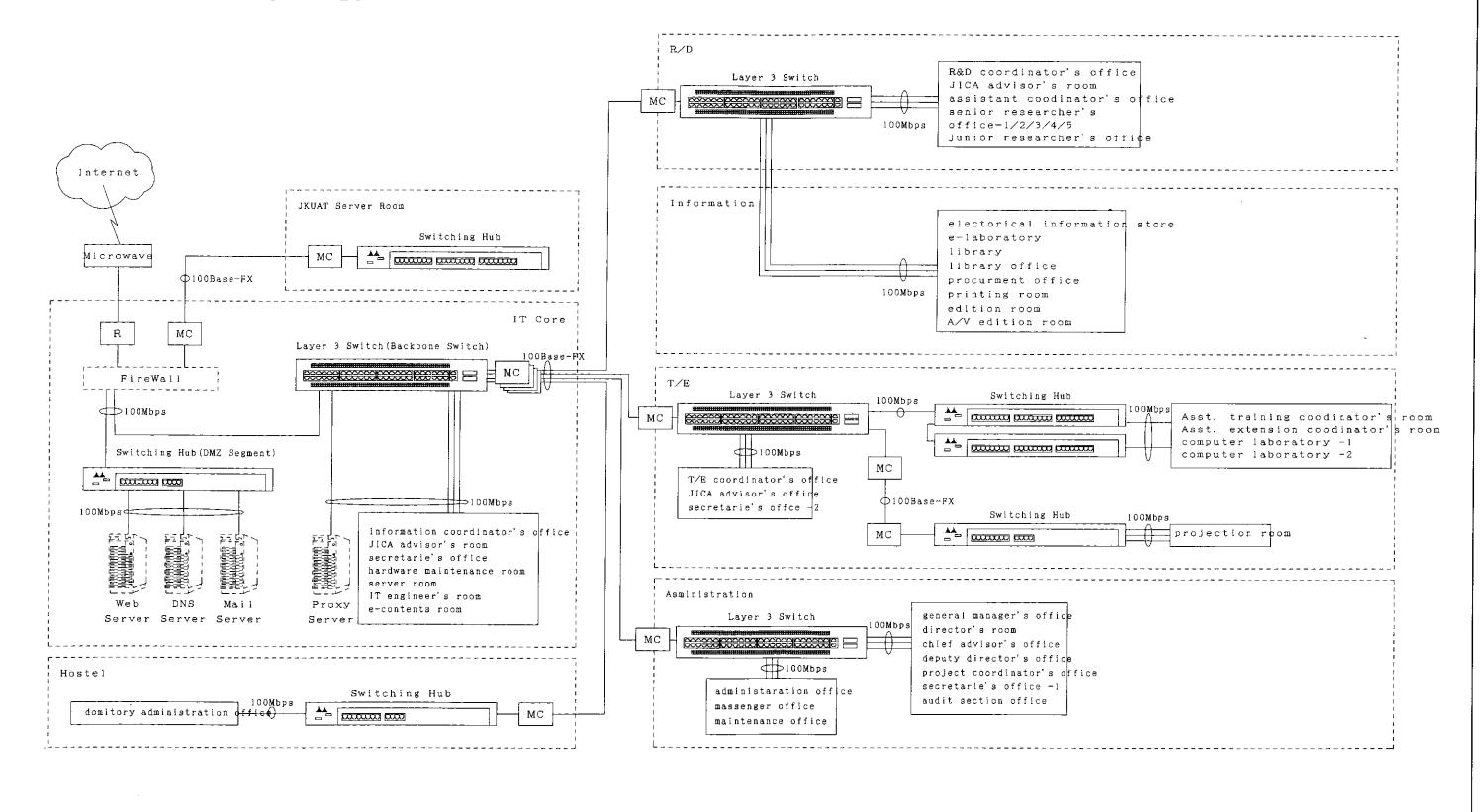
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THE PROJECT FOR ESTABLISHMENT OF THE AFRICAN INSTITUTE FOR CAPACITY DEVELOPMENT PACIFIC CONSULTANTS INTERNATIONAL 1:300 MARCH.2001 ELEVATION-2 6

IN THE REPUBLIC OF KENYA



## Network Topology



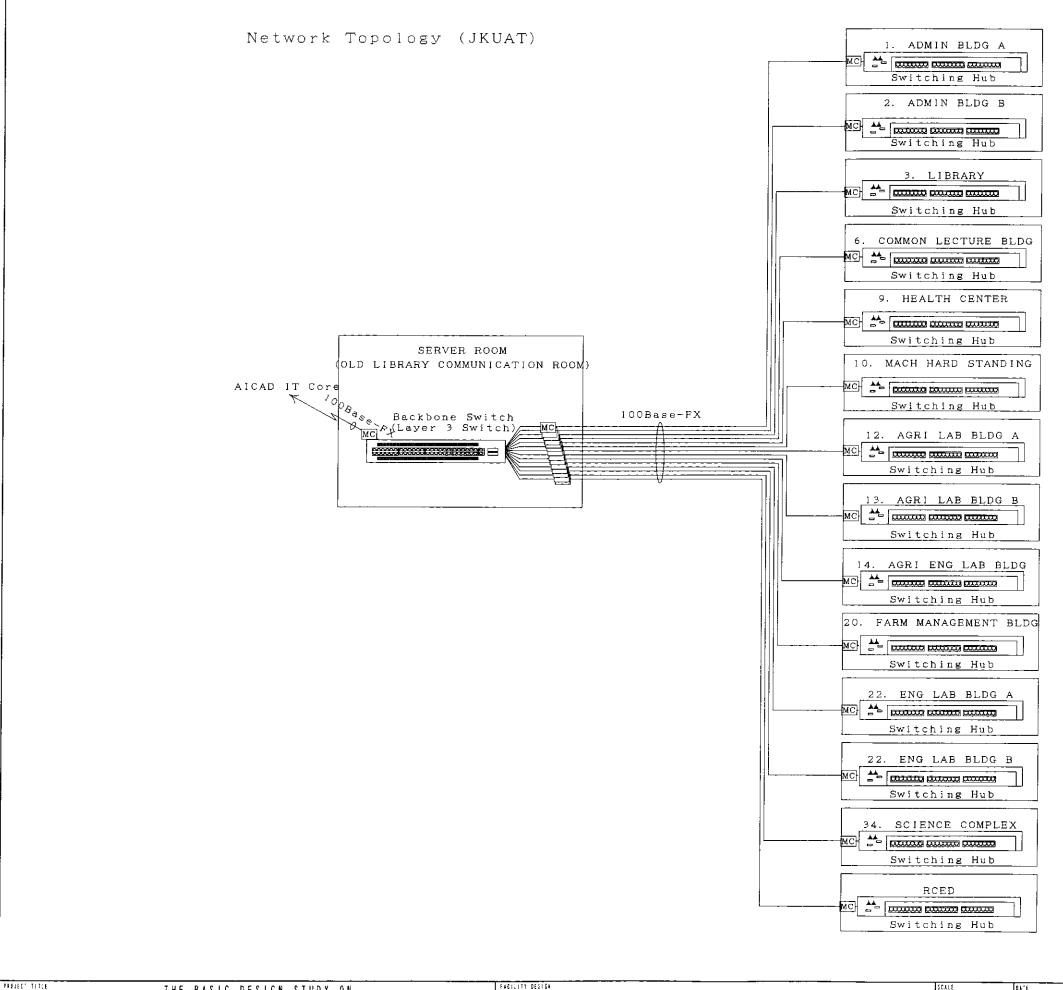
THE BASIC DESIGN STUDY ON
THE PROJECT FOR ESTABLISHMENT OF
THE AFRICAN INSTITUTE FOR CAPACITY DEVELOPMENT
IN THE REPUBLIC OF KENYA

THE BASIC DESIGN STUDY ON
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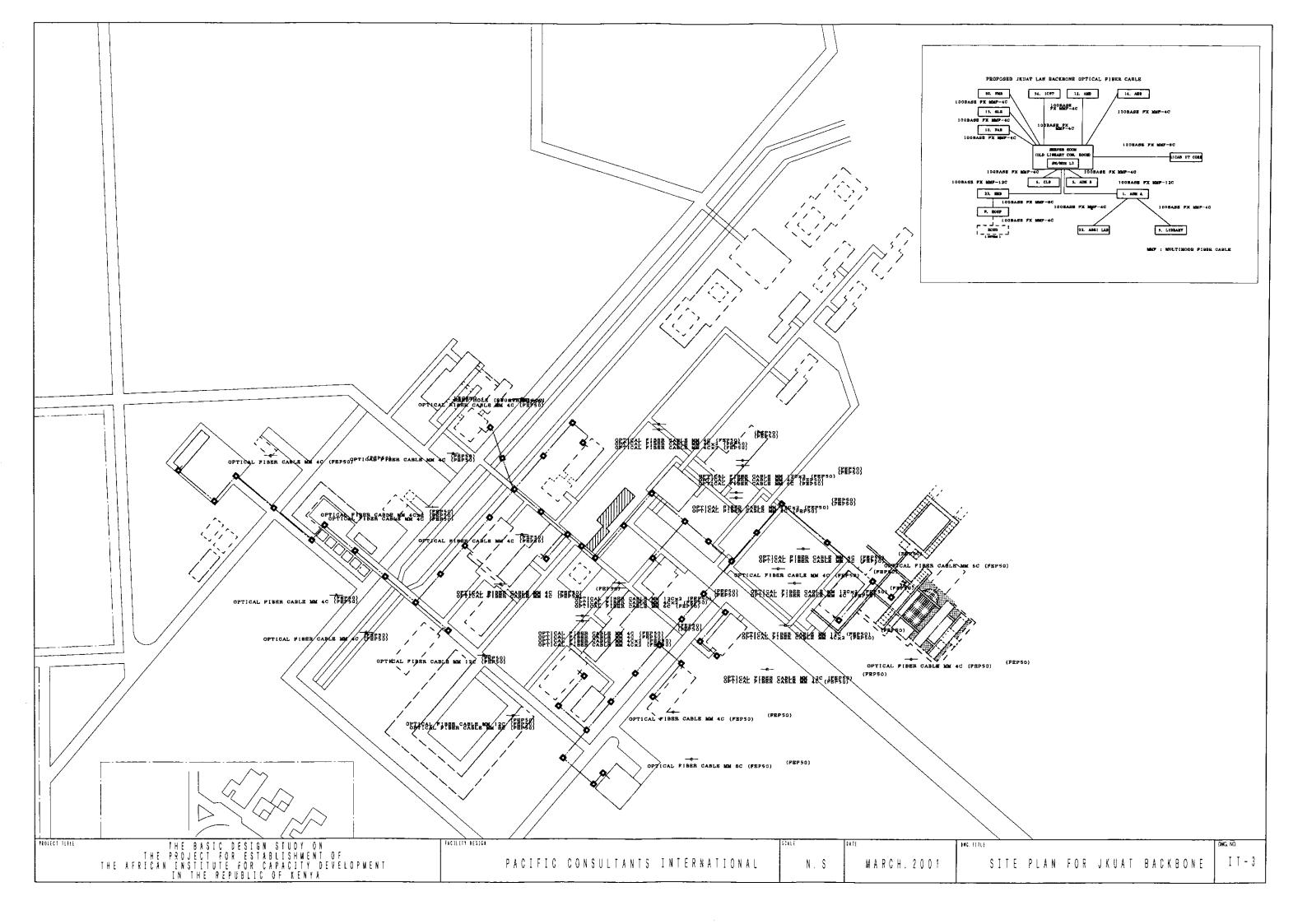


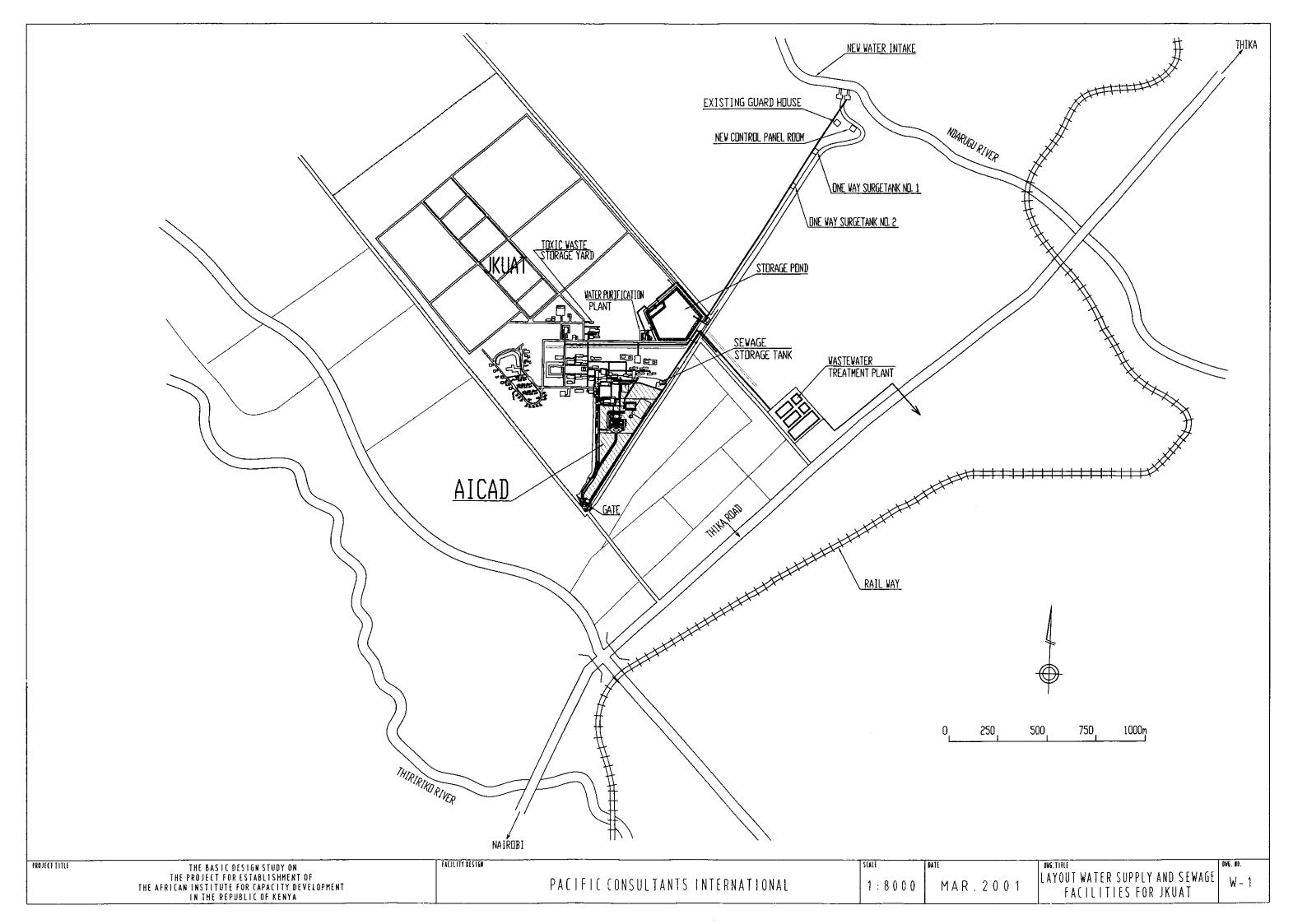
THE BASIC DESIGN STUDY ON THE PROJECT FOR ESTABLISHMENT OF THE AFRICAN INSTITUTE FOR CAPACITY DEVELOPMENT IN THE REPUBLIC OF KENYA

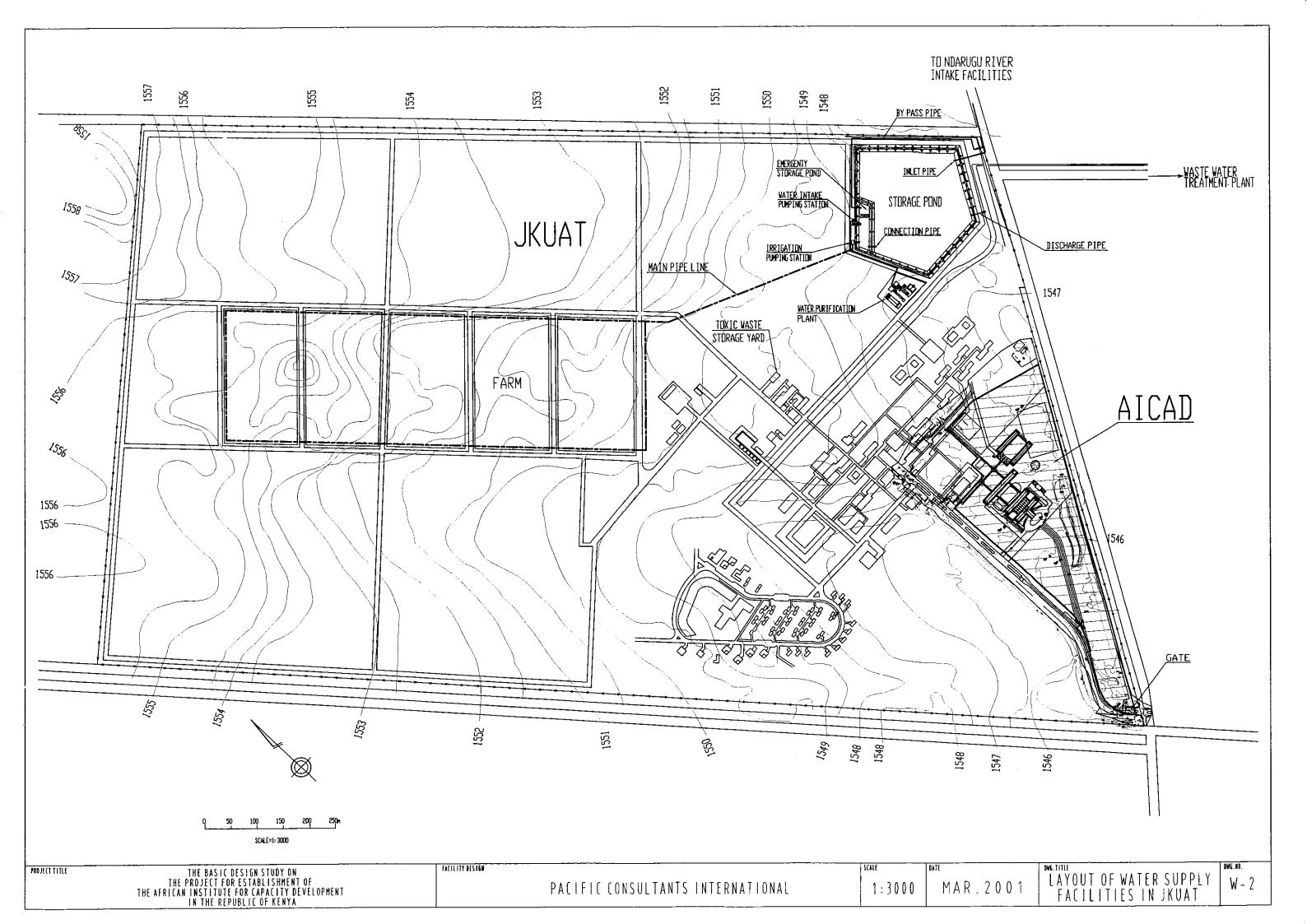
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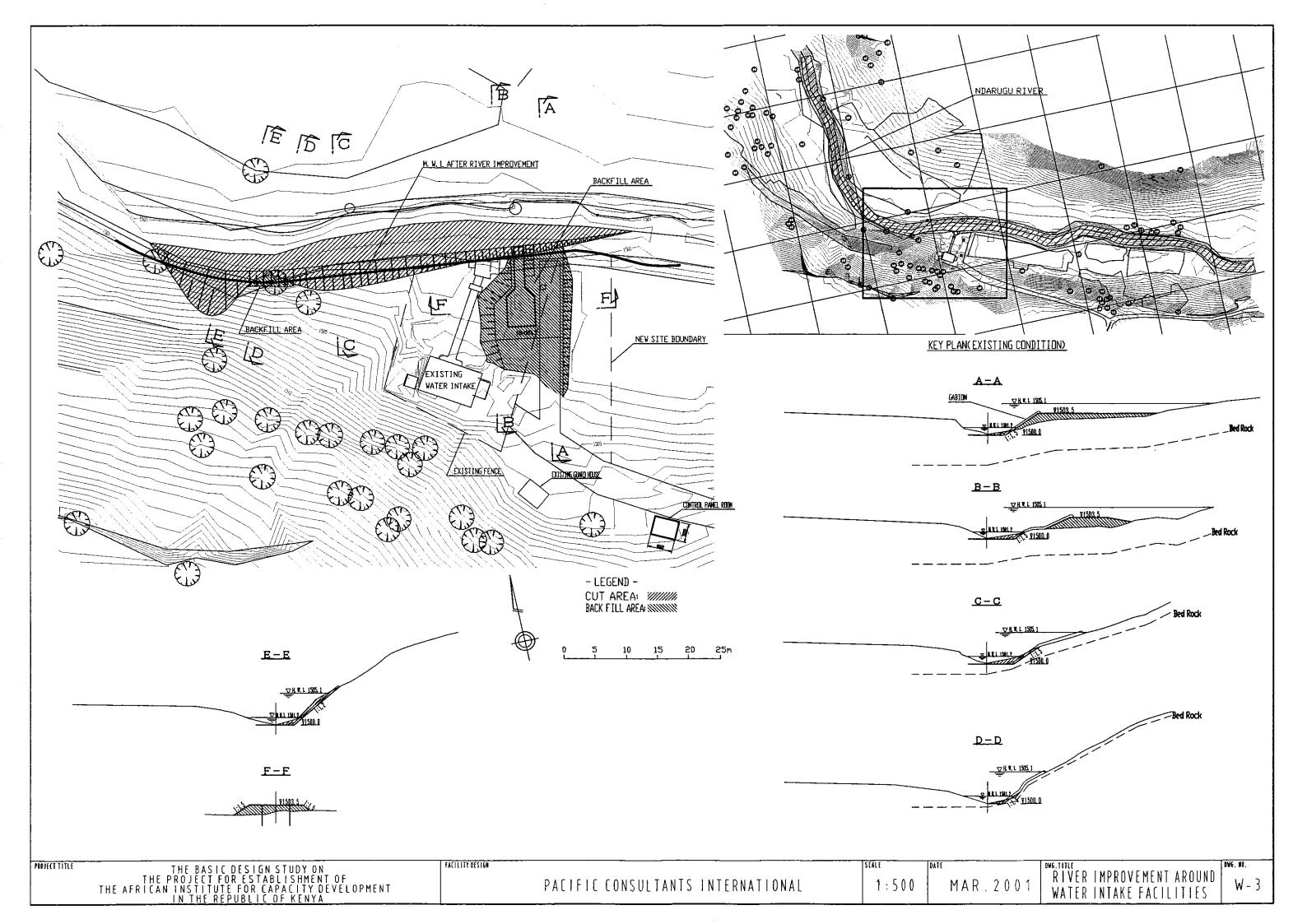
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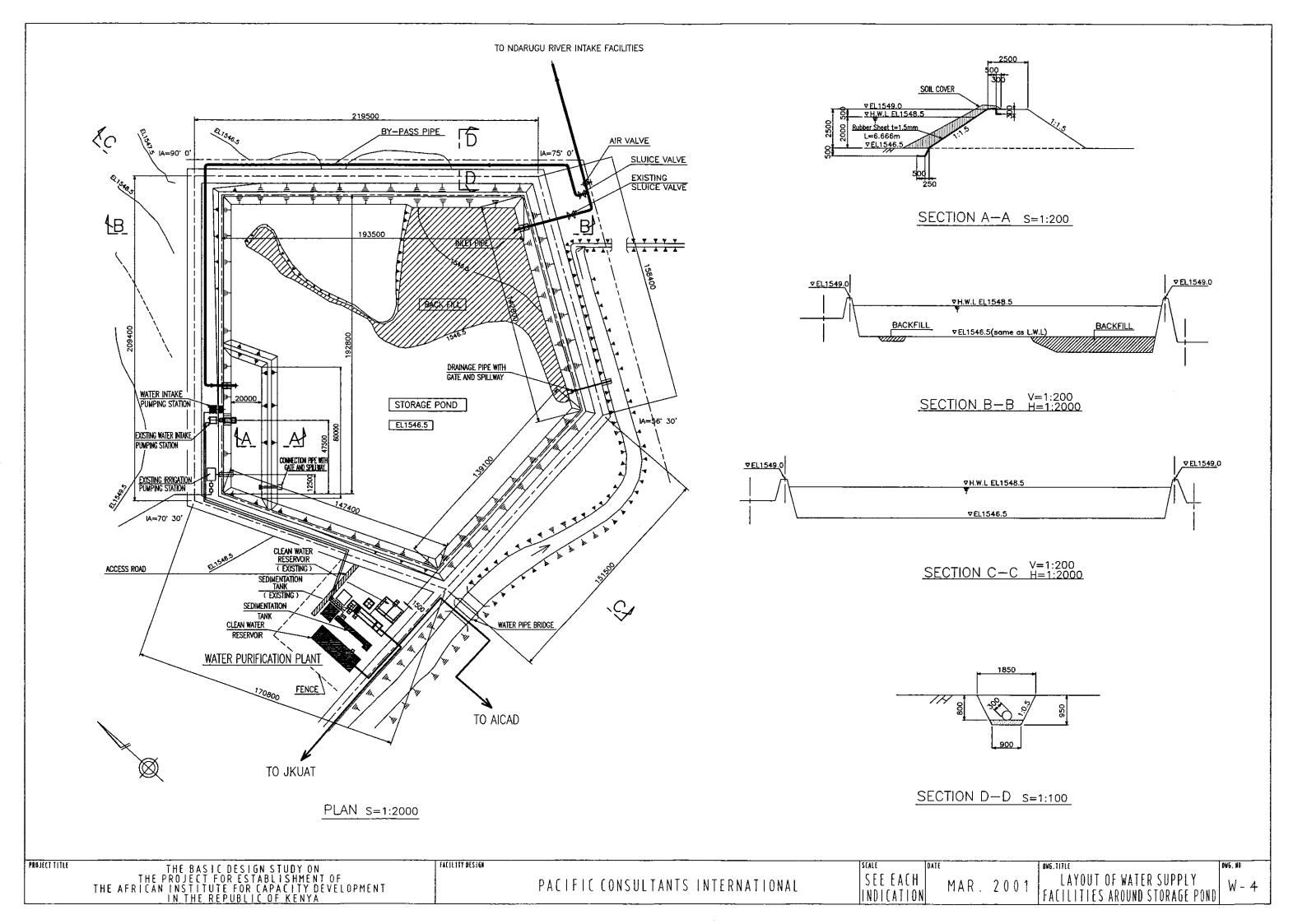
1 T - 2 NETWORK TOPOLOGY FOR JKUAT

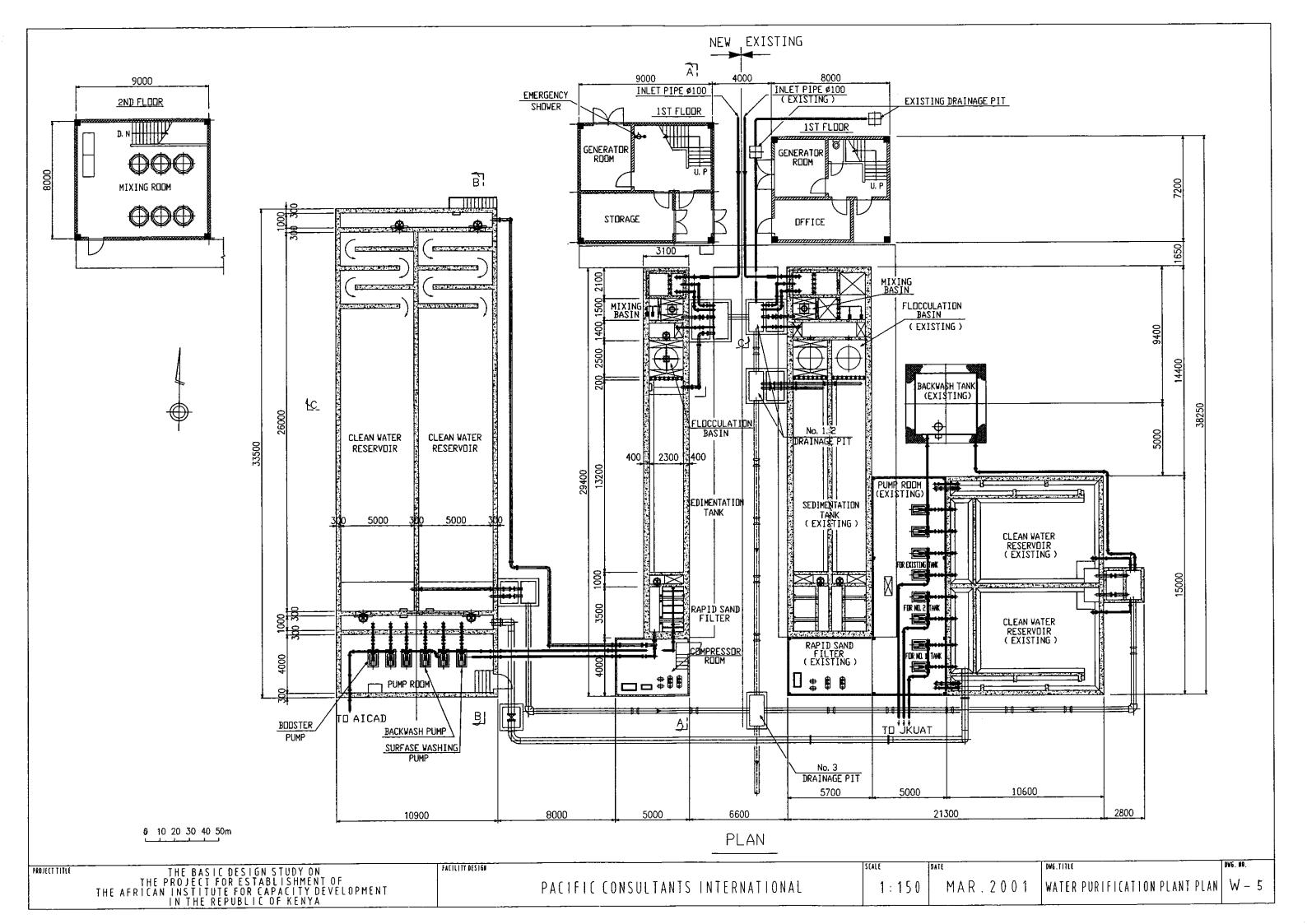


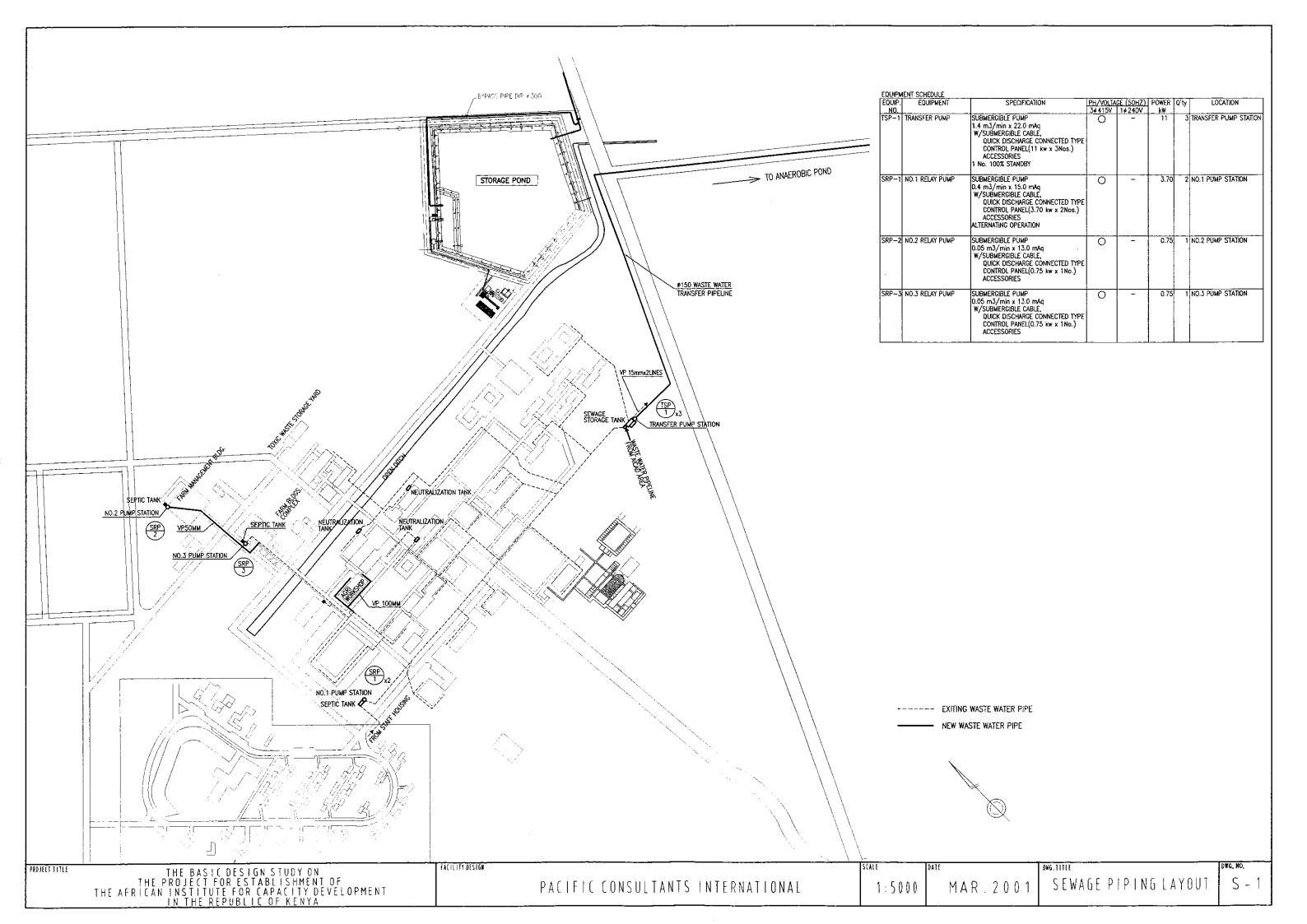


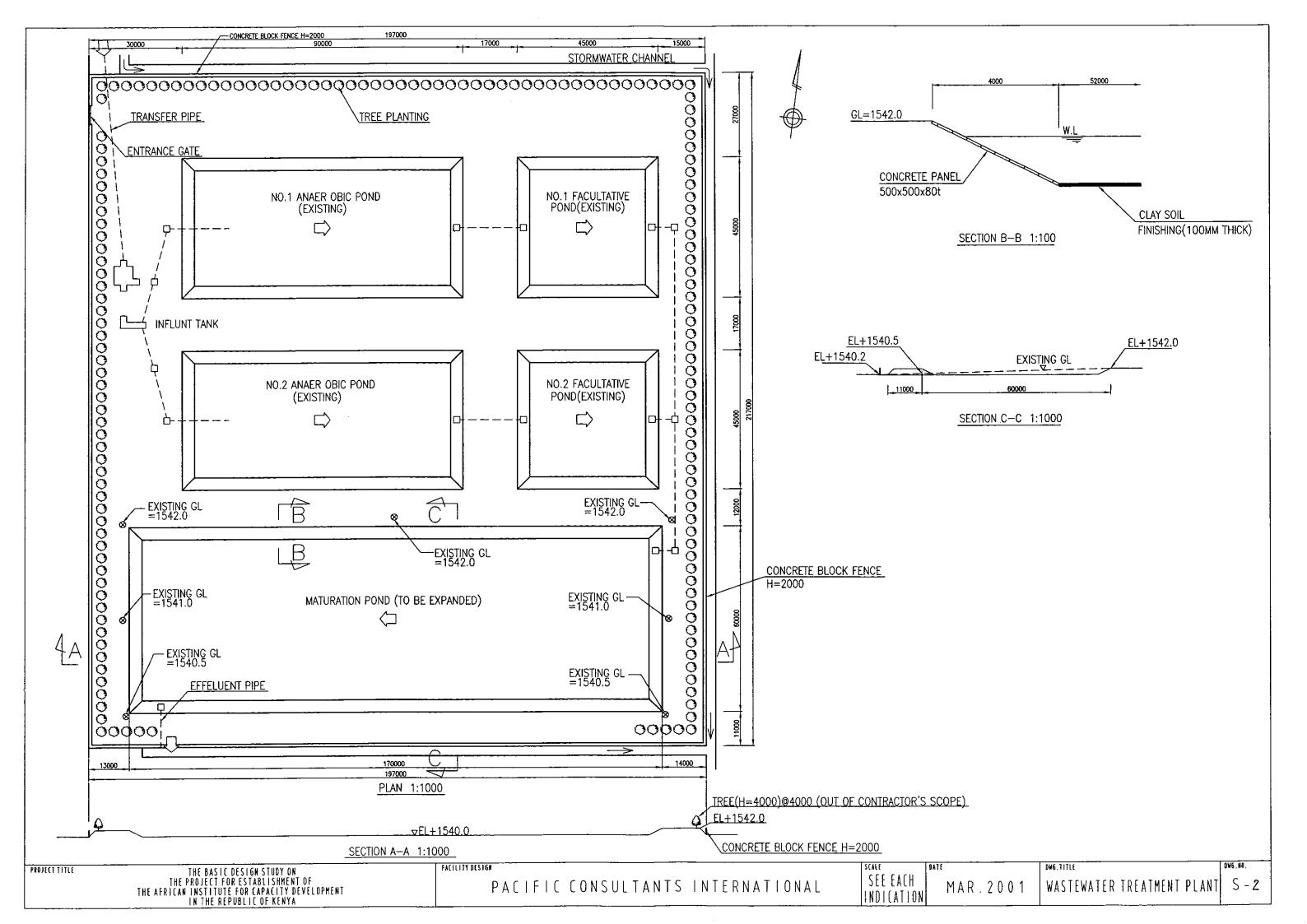


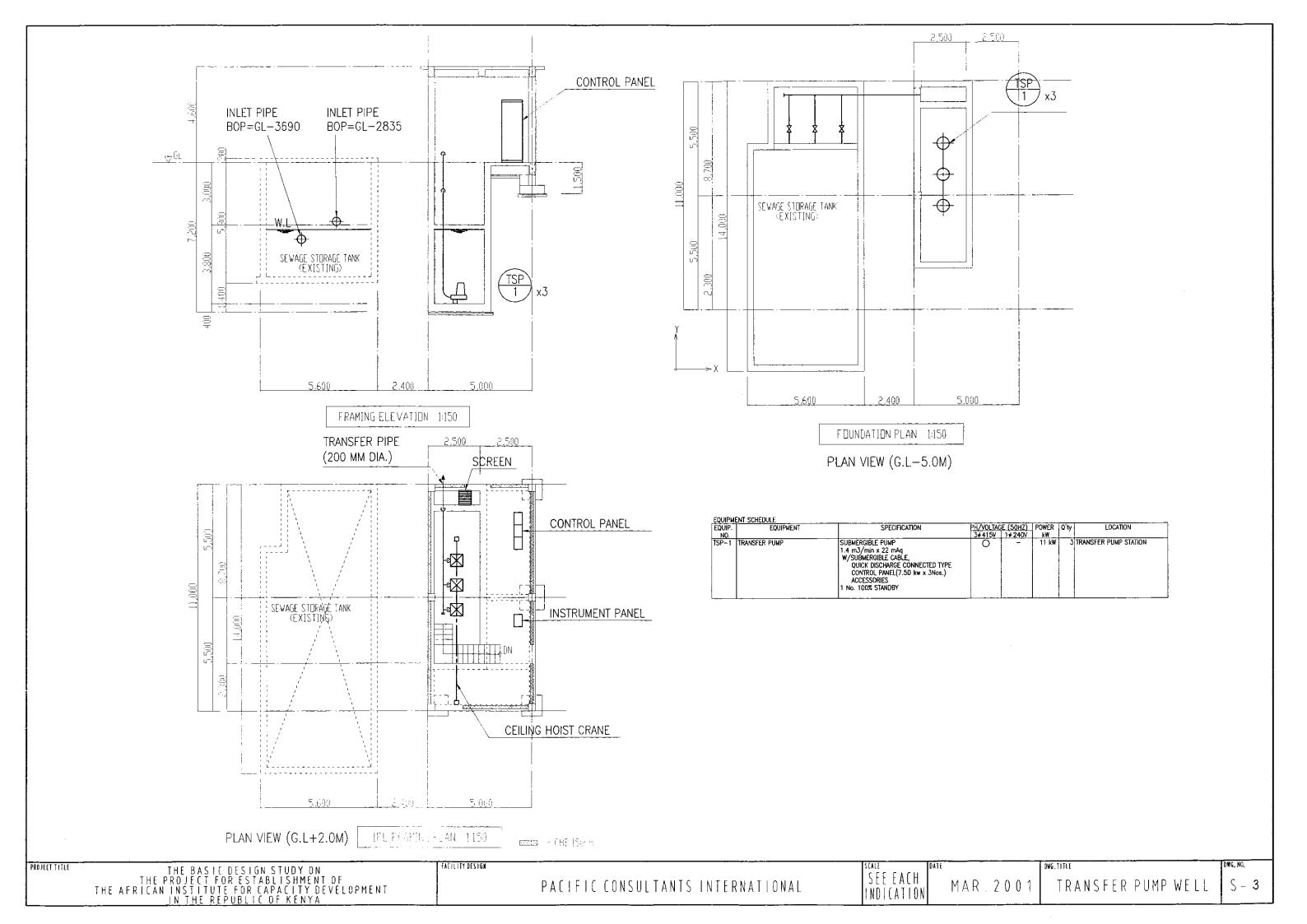












Agreed Equipment List		
9 1-1	Q'ty	M/D No
Equipment for AICAD		
A. Administration Division		
PC for Administrative Staff Use	3	1
PC for Coordinator	2	1
PC for Adviser	2	1
PC for Secretary	3	1
PC for Accounting	7	1
Printer	3	1
UPS Vehicles	2	1
	1 1	1
TV set LCD projection system	1	1
Spare Parts for Repairing	1set	1
Opare Farts for Neparing	1561	· ·
B. Research and Development Division		
PC for R&D cordinator	1	1
PC for Adviser	1	1
Printer	2	1
TV set	1	1
UPS	2	1
Desk/Chair	1set	1
Sofa/table	1set	1
Steel shelf / Cabinet	1set	1
Steel Silell / Cabillet	1561	I
C. Training/Extension Division		
PC for students training	30	1
PC for T/E Coordinator	2	1
PC for Adviser	1	1
PC for Secretary	1	1
PC for Teaching	1	1
Printer	2	1
OHP	3	1
TV set	2	1
LCD projection system	2	1
PA set	1set	1
UPS	4	1
Desk chair	32	1
Steel shelf / Cabinet	1set	1
Folding table/chair for seminar room	1set	1
Monitor	1	1
inomicor	·	
D. Information Division		
PC for Info. staff	2	1
PC for coordinator	1	1
PC for Adviser	1	1
PC for Secretary	1	1
PC for reference	1	1
PC for Library	3	1
PC for e-Library	4	1
Printer	3	1
Video Booth	1	1
TV set	1	1
LCD projection system	1	1
UPS	13	1
Server	3	1
Desk/Chair	1set	1
Steel shelf / Cabinet	1set	1
IT Spare Parts	1set	1
E. Hostel Equipment		
Furniture for bed room	40 set	1
Desk/Chair	1 set	1
2. Equipment for JKUAT		
(Faculty of Agriculture)		
2-1 Horticulture Laboratory Equipment		
Portable photosynthetic System	1	2
Growth chamber	2	2
Freeze Drier	1	2
Spectrophotometer	1	2
Photocopier	1	2
Over Head Projector	1	2
0 TOT 11000 1 10J00101	ı	_

	Q'tv	M/D No
2-2 Agricultural Engineering Equipment	Q ()	W/ B NO
BOD mesuring units	1	3
2-3 Food Science and Postharvest Technology		
AA Spectrophotometer	1	2
HPLC	1	2
UV-VIS Spectrophotometer	2	2
Texturemeter Soxhlet extractor	1	2 2
Microscope	1	2
Pilot scale expeller for food	1	2
Distillation apparatus	1	2
Kjeldhal distillation unit	3	2
Spectrophotometer	1	2
Polarimeter	1	2
pH meter	3	2
Gerber centrifuge	1	2
Colorimeter	2	2
Pressure tester	2	2
pH meters digital	3	2
Soxhlet apparatus	2	2
( Faculty of Engineering)		
2-4 Civil Engineering Department		
Deep Freezer	2	2
Autoclave	2	2
Incubator pH meter	2 2	2 2
Turbidity meter	2	2
Jaw crusher mill	1	2
Photocopier	1	2
Over Head Projector	1	2
2-5 Mechanical Engineering		
Thermal conductivity apparatus	1	3
Attachment for Bomb calorimeter	1	3
Air compressor	1	3
Centrifugal pump	1	2
Solar distillation apparatus	11	3
Network of pipes apparatus	1	3
Multitube Manometer Anemometer	1	3 3
Turbulent jet studies	1	3
Combined bending and torsion apparatus	1	2
Torsion testing machine	1	2
Educational robot	1	3
Torsional vibration apparatus	1	2
Photocopier	1	2
Over Head Projector	1	2
2-6 Electrical/Electronic Engineering		
Voltmeters/ammeters	10	2
Mini lathe machine	1	2
Converter trainer	1	3
Motor rewinding machine	1	3
Drilling machine Oven	1	3
Digital servo trainer	1	2
Antenna trainer	1	2
Microwave trainer	1	2
Photocopier	1	2
Over Head Projector	1	2

1	Q'ty	M/D No
(Faculty of Science)	ųιy	ואו ט /ואו
2-8 Department of Zoology		
VIS Spectrophotometer	1	3
Vio Spectropriotorileter	·	
Microscope with camera	1	3
Analytical balance	2	3
Cell counter	1	3
Photocopier	1	3
Over Head Projector	1	3
2-9 Department of Chemistry		
Infrared spectrophotometer	1	3
Water de-ioniser	1	3
Analytical balance	1	3
Photocopier	1	3
Over Head Projector	1	3
2-10 Department of Botany		
Laminar flow	2	3
Autoclave	1	3
Growth chamber	1	3
Distillation apparatus	1	3
11		-
2-11 Department of Biochemistry		
Spectrofluorimeter	1	3
Oven	1	3
O 7 O I I	1	<u> </u>
2-12 Department of Physics		
Chiller	1	3
Cilliei	ı	3
2 12 Department of Metho & Computer		
2-13 Department of Maths & Computer	4	2
Photocopier Projector	1	3
Over Head Projector	1	3
2-14 Institute of Computer Science and Information Technology		_
Air Conditioner	1	3
Photocopier	1	3
Over Head Projector	1	3
2-15 Farm		
Demonstration Microscope	1	2
LCD Projector	1	2
•		
2-16 Workshop		
Automatic saw sharpner	1	3
Single surface planner	1	3
Band sawing machine	1	3
Hacksaw machine	1	3
Power pipe threading machine	1	3
Abrassive cut off machine	1	3
	1 4	
Pipe drilling machine	1	3
Radial drilling machine	1	3
Welders	1	3
High temperature oven	1	3
Bench drilling machine	1	3
CNC Lathe	1	3
3. Water & Sewerage Equipment		
Leakage detecting rod	1	3
Ultrasonic flow meter	2	3
pH meter	1	3
Turbidity meter	1	3
Residual chlorine meter	1	3
	21	3
Chemical drum  Drum corrier	21	
Drum carrier		3
Container for waste fluid	120	3
Comt		
Cart Electric hoist	<u>8</u> 1	3