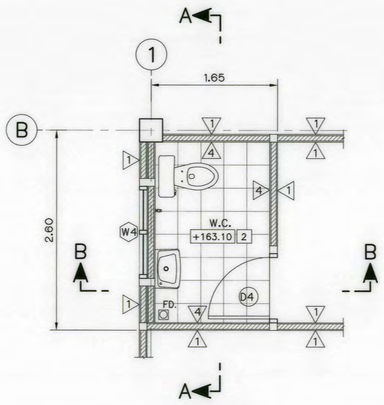
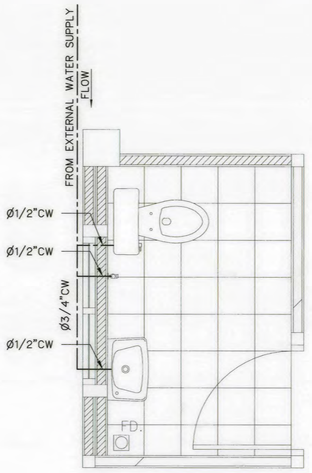
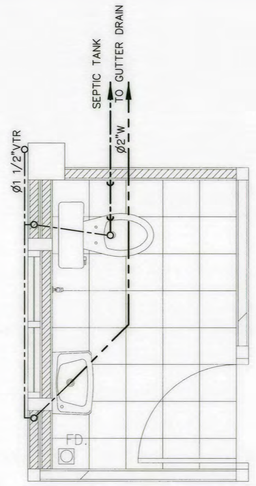


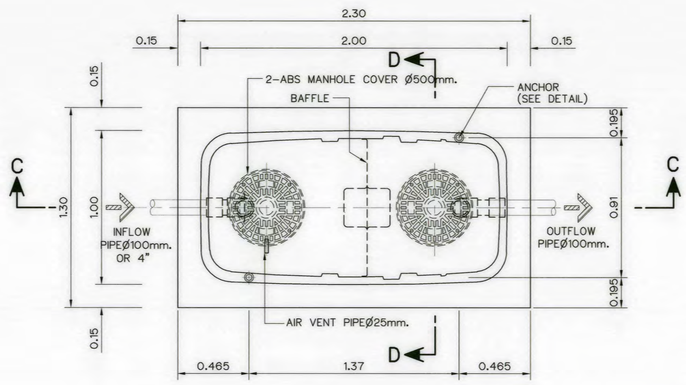
PLAN WC.
SCALE 1:40



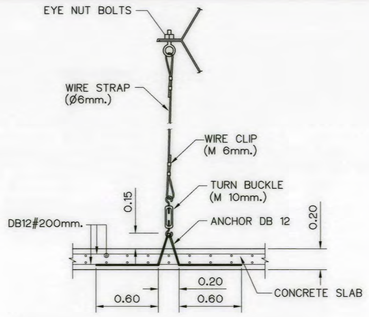
COLD WATER PIPING
SCALE 1:25



SOIL, WASTE AND VENT PIPING
SCALE 1:25

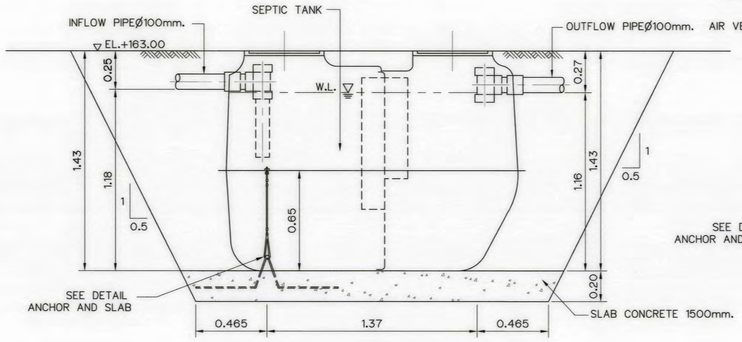


SEPTIC TANK
SCALE 1:20

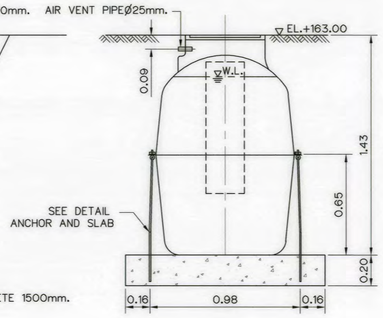


DETAIL ANCHOR AND SLAB
NOT TO SCALE

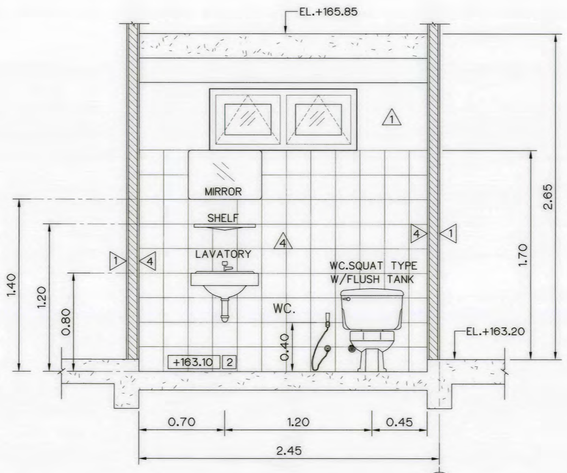
SPECIFICATION TABLE			
No.		ITEM	CONTENT
1	CAPACITY		
	1.1	SEPTIC TANK	1.500 m³
2	MATERIAL		
	2.1	CHAMBER	FRP
	2.2	SEPARATION PLATE , BAFFLE	FRP
	2.3	MANHOLE COVER	ABS
	2.4	INFLOW , OUTFLOW PIPE	PVC(ø100mm.)



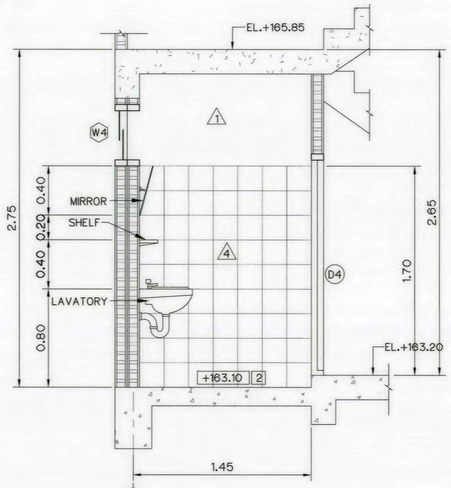
SECTION C–C
SCALE 1:20



SECTION D–D
SCALE 1:20



SECTION A–A
SCALE 1:25



SECTION B–B
SCALE 1:25

SYMBOLS :

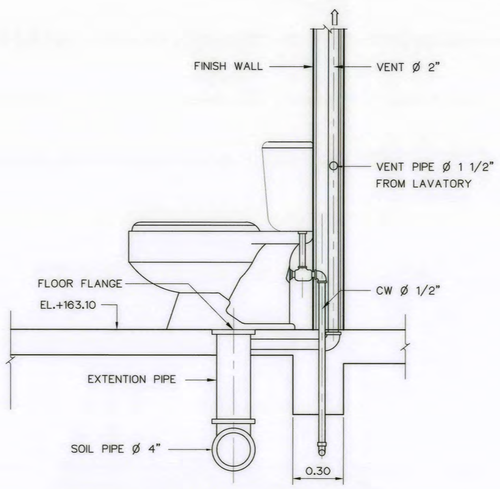
- SOIL PIPE
- WASTE PIPE
- COLD WATER PIPE
- VENT PIPE

NOTES :

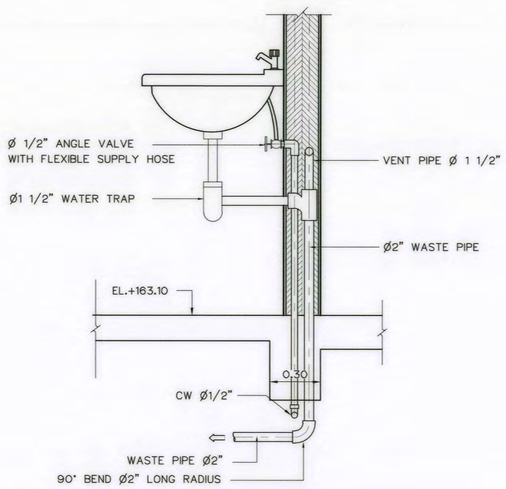
1. ALL DIMENSIONS AND ELEVATIONS (M.S.L.) ARE IN METERS, UNLESS OTHERWISE SHOWN
2. SYMBOLS, ABBREVIATIONS AND GENERAL NOTES SEE DWG. NO.AKP-GN-03

REFERENCE DRAWING :

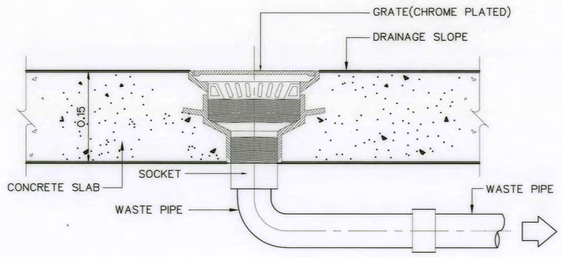
1. POWERHOUSE, GENERAL LAYOUT	AKP-PH-01
2. POWERHOUSE, PLAN	AKP-PH-02
3. POWERHOUSE, WATER SUPPLY PIPELINE SYSTEM LAYOUT	AKP-PH-19



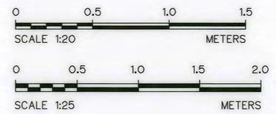
WATER CLOSET (FLUSH TANK)
NOT TO SCALE



LAVATORY
NOT TO SCALE



FLOOR DRAIN
NOT TO SCALE



KINGDOM OF THAILAND
Department of Alternative Energy Development and Efficiency
MINISTRY OF ENERGY

AI KA PO HYDROPOWER PROJECT
TAMBON PHUKHAO THONG AMPHOE SUKHIRIN CHANGWAT NARATHIWAT

PART : 1 CIVIL WORKS AND TRANSMISSION LINE

POWERHOUSE

DETAILS OF TOILET, SEPTIC AND SEEPAGE TANK

NO.	DATE	REVISIONS	CHECKED	APPROVED
3				
2				
1				

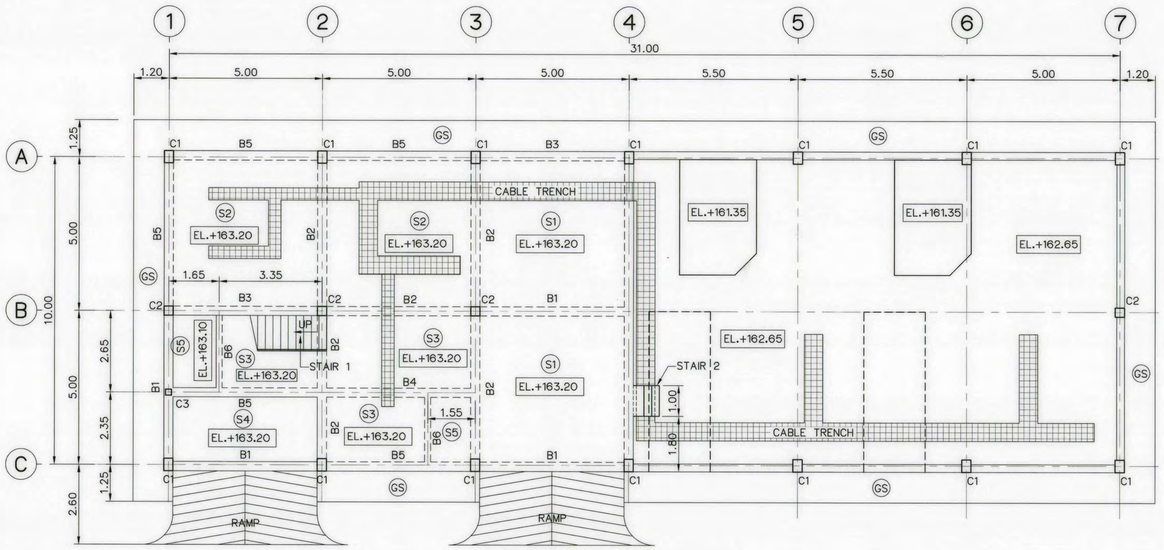
CONSULTANTS: PCM P&C MANAGEMENT CO., LTD.; SPT CONSULTANTS CO., LTD.

DEDE: Department of Alternative Energy Development and Efficiency, MINISTRY OF ENERGY

DESIGNED ณัฐพงษ์ สิริ.29074 — สิริ.9462
DRAWN
CHECKED สิริ.8231
PROJECT MANAGER 28/10/2021 DATE

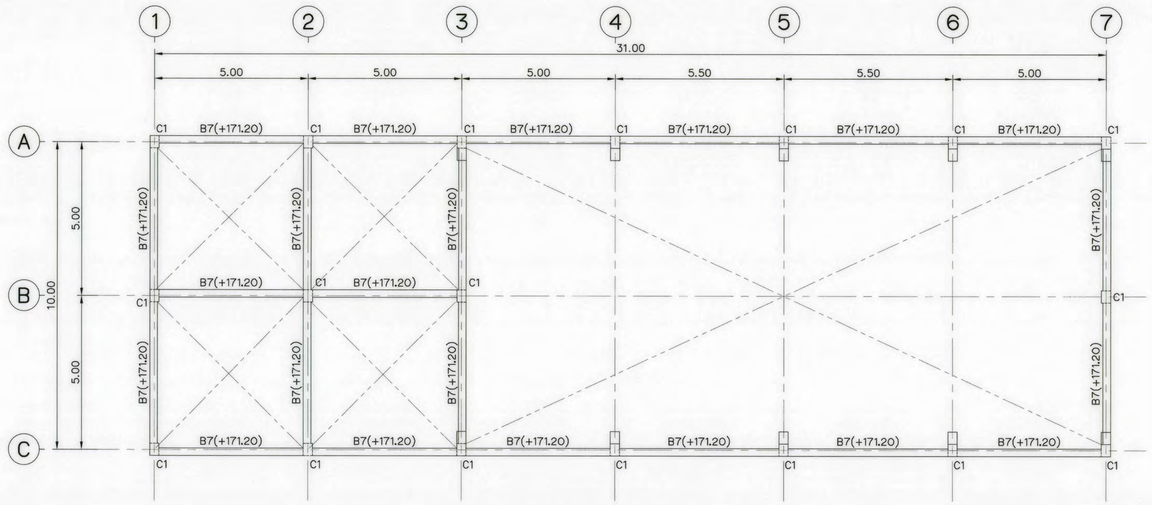
REVIEWED
SUBMITTED
RECOMMENDED
APPROVED

DRAWING NO. AKP-PH-06
SHEET NO. 68 OF 129



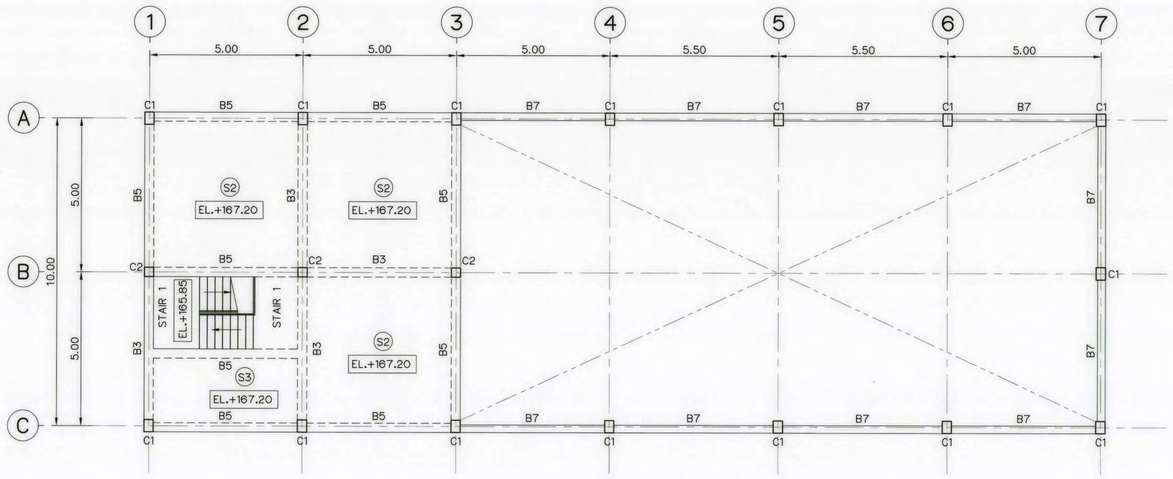
GROUND FLOOR PLAN

SCALE 1:100



ROOF BEAM PLAN

SCALE 1:100



PLAN OF BEAM AND SLAB (SECOND FLOOR)

SCALE 1:100

NOTES :

1. ALL DIMENSIONS AND ELEVATIONS (M.S.L.) ARE IN METERS, UNLESS OTHERWISE SHOWN.
2. SYMBOLS, ABBREVIATIONS AND GENERAL NOTES SEE DWG. NO. AKP-GN-03

REFERENCE DRAWINGS :

1. POWERHOUSE, PLAN	AKP-PH-02
2. POWERHOUSE, SECTIONS	AKP-PH-04
3. POWERHOUSE, SLAB REINFORCEMENT DETAILS	AKP-PH-11
4. POWERHOUSE, TRUSS SECTIONS AND DETAILS	AKP-PH-08

0 1 2 3 4 5 6 7 8

SCALE 1:100 METERS

NO.	DATE	REVISIONS	CHECKED	APPROVED
3				
2				
1				

CONSULTANTS | DEDE

KINGDOM OF THAILAND
Department of Alternative Energy Development and Efficiency
MINISTRY OF ENERGY

AI KA PO HYDROPOWER PROJECT
TAMBON PHUKHAO THONG AMPHOE SUKHIRIN CHANGWAT NARATHIWAT

PART : 1 CIVIL WORKS AND TRANSMISSION LINE

POWERHOUSE

GROUND FLOOR PLAN, PLAN OF BEAM AND SLAB AND ROOF BEAM PLAN

P&C MANAGEMENT CO., LTD.
SPT CONSULTANTS CO., LTD.

Department of Alternative Energy Development and Efficiency
MINISTRY OF ENERGY

DESIGNED ภัทร์ 29074 สัญ 9462
DRAWN
CHECKED สัญ 8231
PROJECT MANAGER 28/10/2021 DATE

REVIEWED
SUBMITTED
RECOMMENDED
APPROVED

DRAWING NO. AKP-PH-07
SHEET NO. 69 OF 129