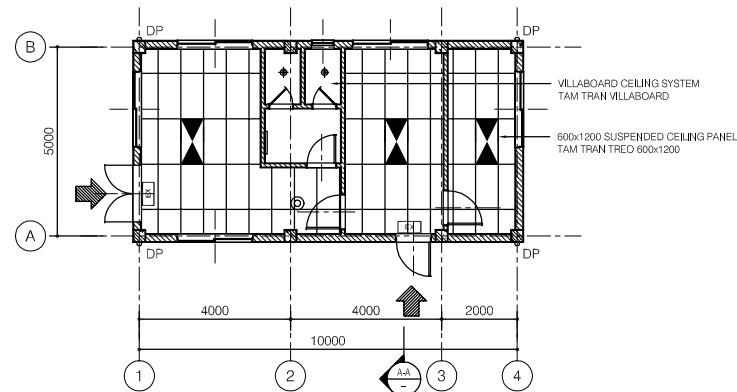
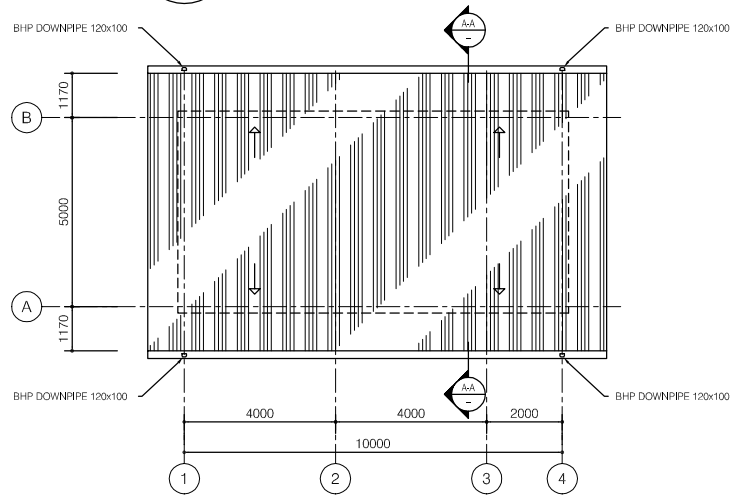


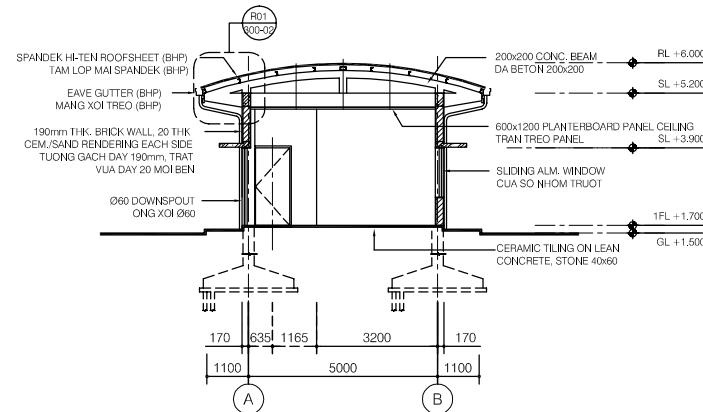
FIRST FLOOR PLAN



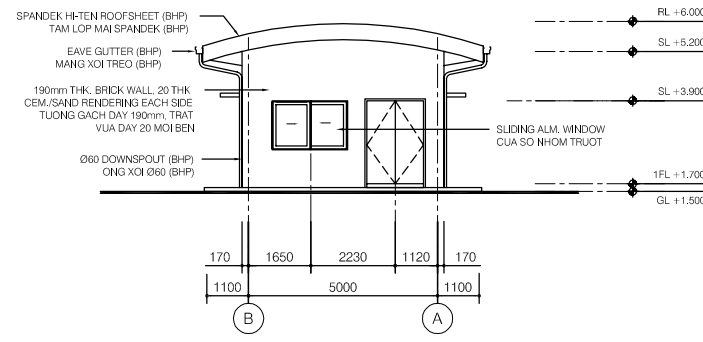
CEILING PLAN



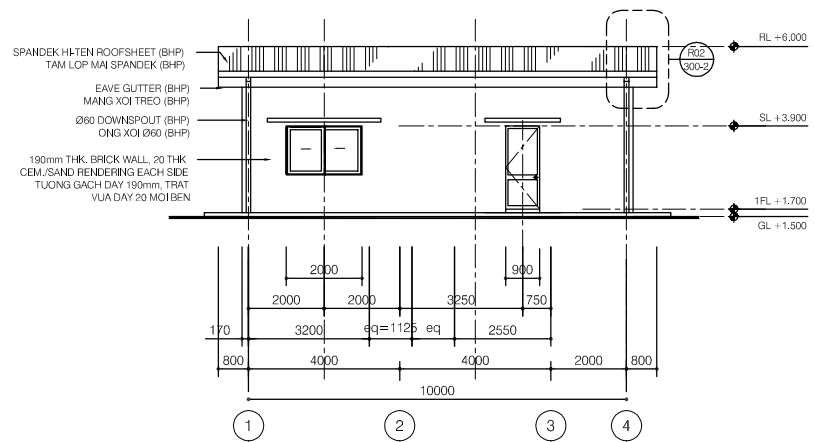
ROOF PLAN



CROSS SECTION A-A



ELEVATION LINE 1



ELEVATION LINE A

LEGEND

- 190mm THK. BRICK WALL, 20THK CEM./SAND RENDERING ON SURFACE / TUONG GACH DAY 190mm, TRAT VUA DAY 20 MOI MAT
- 90mm THK. BRICK WALL, 20THK CEM./SAND RENDERING ON SURFACE / TUONG GACH DAY 90mm, TRAT VUA DAY 20 MOI MAT
- 2x40W FLUORESCENT LIGHT, RECESSED TYPE
- 1x40W FLUORESCENT LIGHT, BATTEN
- 1x60W LIGHT (FOR WC)
- 1x60W CEILING MOUNTED TYPE
- EXIT LIGHT

NO.	DATE	DESCRIPTIONS	BY	APRO.

REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE B
PUMP DRAINAGE IMPROVEMENT

THANH DA O/M OFFICE
PLANS, SECTIONS & ELEVATIONS

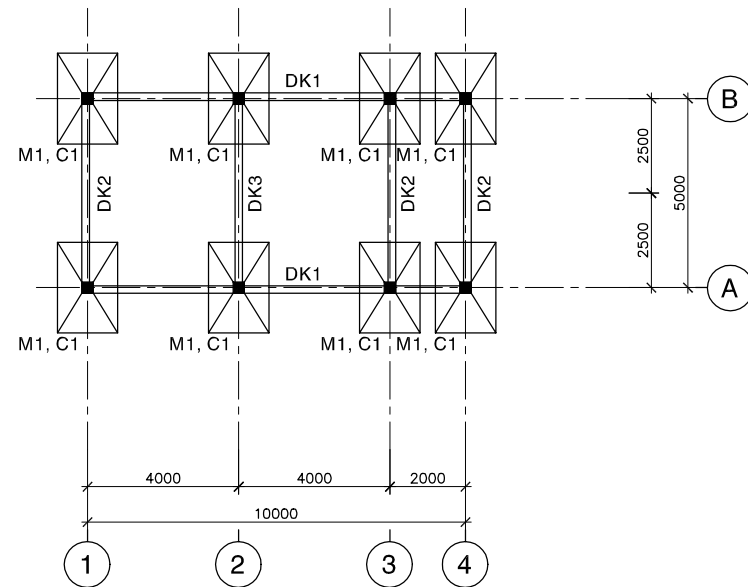
SCALE : 1/100

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

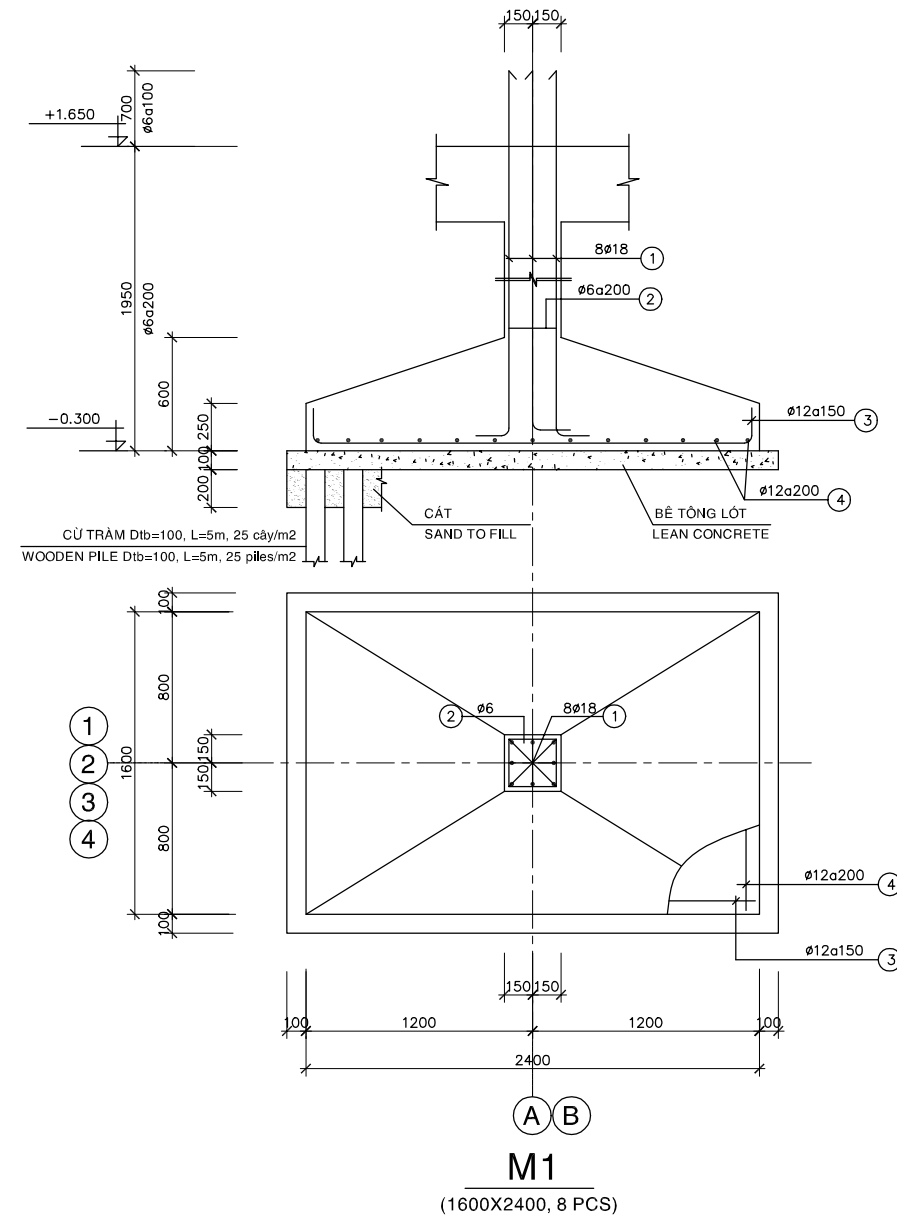
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED _____ CHECKED _____

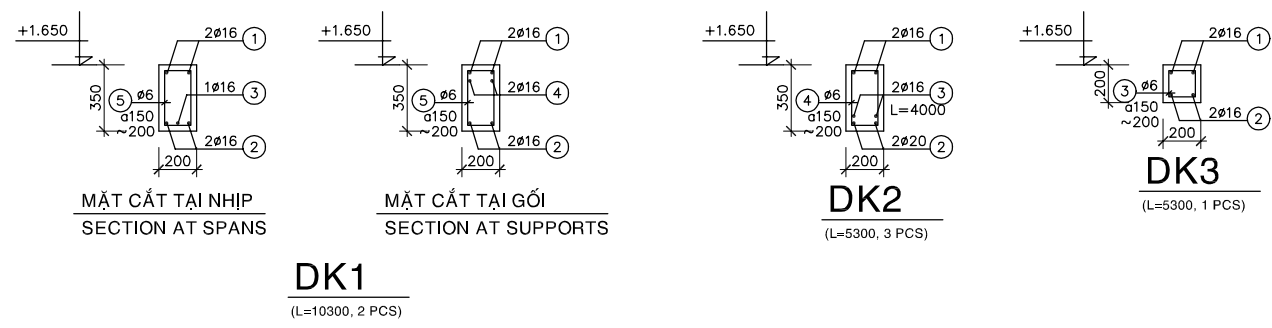
DATE : _____ DWG. No. PB - PDI - TD - 301



MẶT BẰNG MÓNG, CỘT & ĐÀ KIỀNG
PLAN OF FOUNDATION, COLUMN & G-BEAM



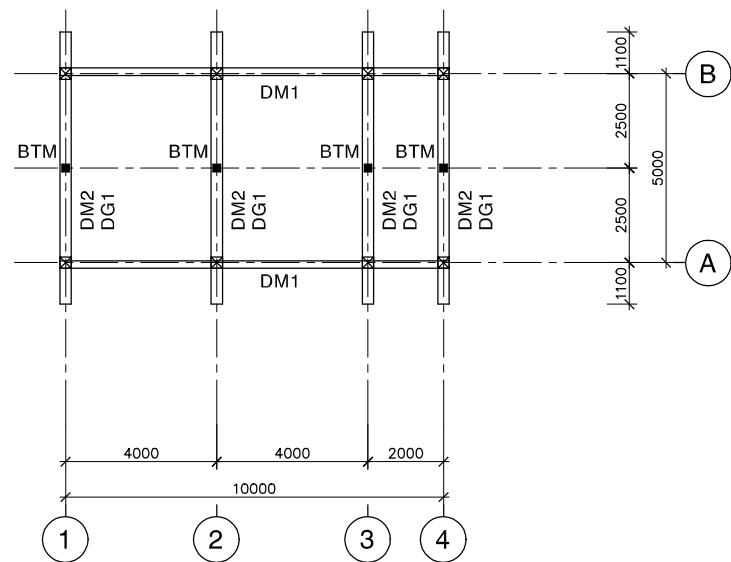
M1
 (1600X2400, 8 PCS)



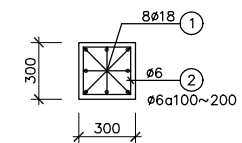
GHI CHÚ:
 - BÊ TÔNG LỎT NAU 40X60, MAUC 100
 - BÊ TÔNG NAU 10X20, MAUC 300
 - COÁT THEUP Ra=2000 Kg/cm2

NOTE :
 - LEAN CONCRETE STONE 40x60, GRADE 100
 - CONCRETE STONE 10x20, GRADE 300
 - REINFORCEMENT Ra=2000 Kg/cm2

NO.	DATE	DESCRIPTIONS	BY	APPRO.
REVISIONS				
PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT				
THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM				
PACKAGE B PUMP DRAINAGE IMPROVEMENT				
THANH DA PUMP STATION PLAN & DETAILS OF FOUNDATIONS, COLUMNS & GROUND BEAMS				
SCALE : N.T.S				
JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
PACIFIC CONSULTANTS INTERNATIONAL				
DESIGNED		CHECKED		
DATE :		DWG. No. PB - PDI - TD - 303		

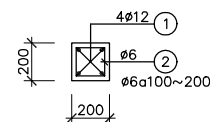


MẶT BẰNG DẦM MÁI
PLAN OF ROOF BEAMS



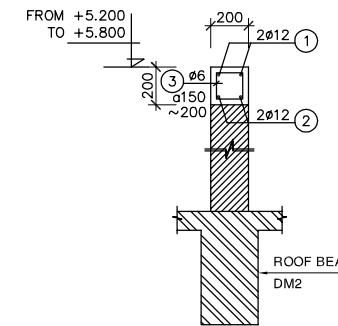
COLUMN C1

(FROM +1.650~+5.200, 8 PCS)



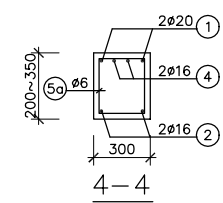
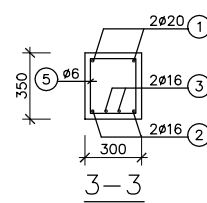
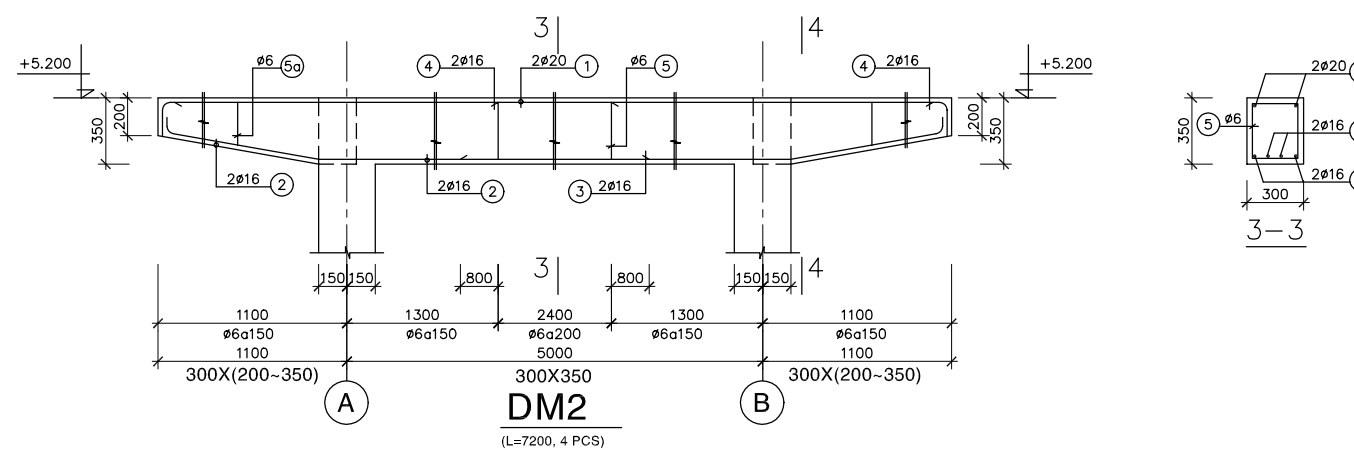
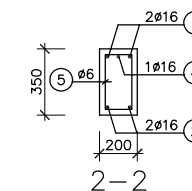
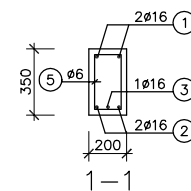
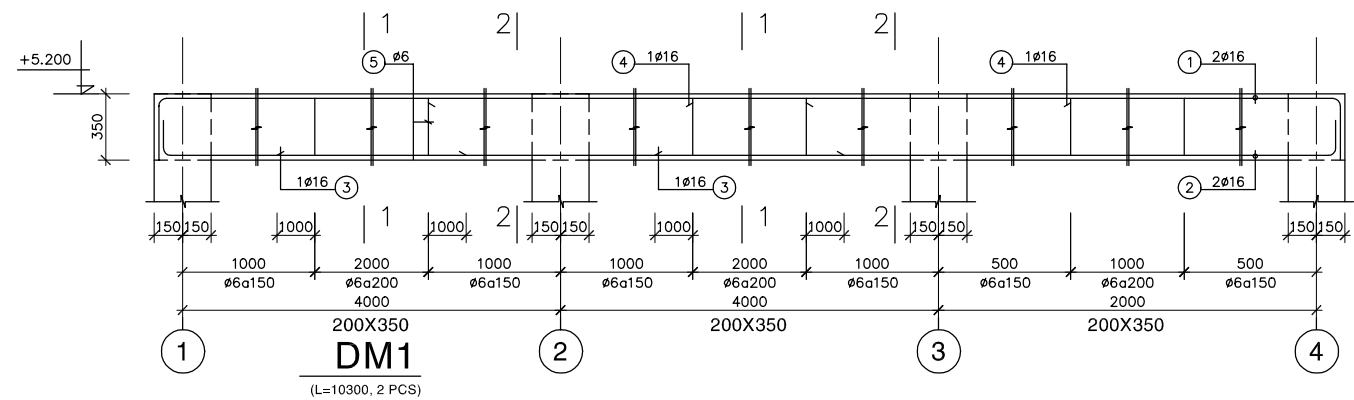
SUB-COLUMN BTM

(FROM +5.200~+5.800, 4 PCS)



DG1

(4 PCS)



GHI CHÚ:
- BÊ TÔNG LÓT ĐÁ 40X60, MÁC 100
- BÊ TÔNG ĐÁ 10X20, MÁC 300
- CỐT THÉP Ra=2000 Kg/cm²

NOTE :
- LEAN CONCRETE STONE 40x60, GRADE 100
- CONCRETE STONE 10x20, GRADE 300
- REINFORCEMENT Ra=2000 Kg/cm²

NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE B
PUMP DRAINAGE IMPROVEMENT

THANH DA PUMP STATION
PLAN & DETAILS OF ROOF BEAMS,
COLUMNS

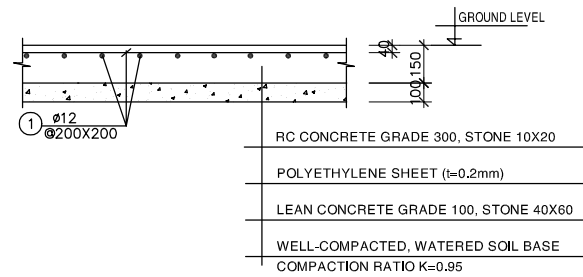
SCALE : N.T.S

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

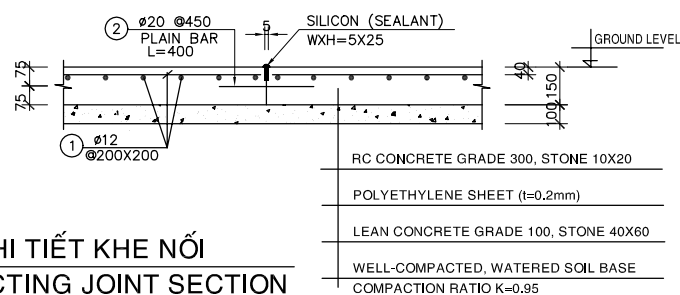
PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED CHECKED

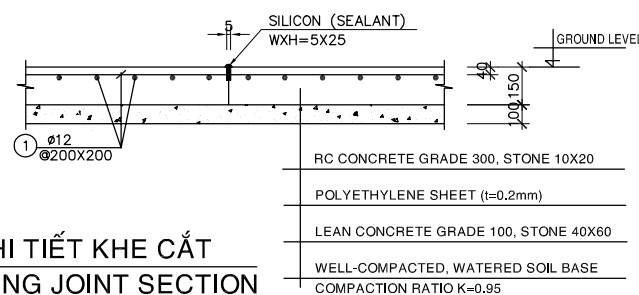
DATE : DWG. No. PB - PDI - TD - 304



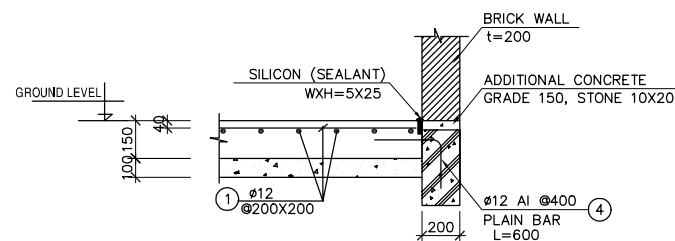
CHI TIẾT NỀN ĐIỂN HÌNH
DETAIL OF GROUND FLOOR SLAB



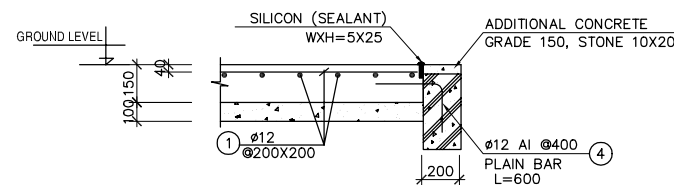
CHI TIẾT KHE NỐI
CONNECTING JOINT SECTION



CHI TIẾT KHE CẮT
CUTTING JOINT SECTION

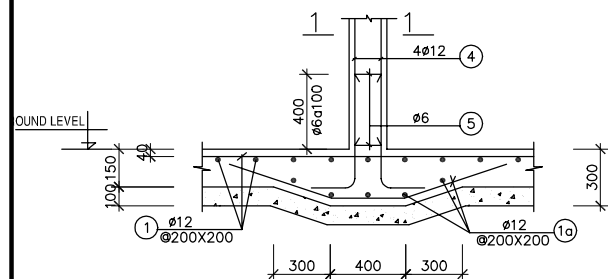


TẠI VỊ TRÍ TƯỜNG GẠCH
AT LOCATION OF BRICK-WALL

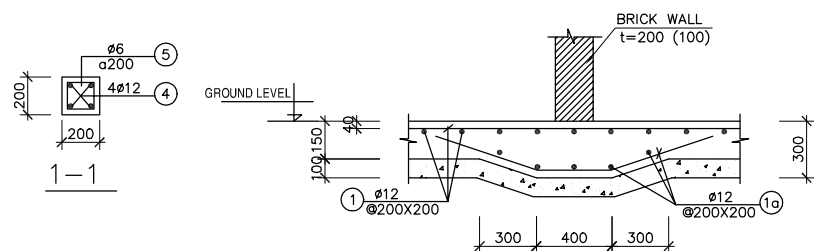


TẠI VỊ TRÍ CỬA
AT LOCATION OF DOOR

CHI TIẾT LIÊN KẾT ĐÀ KIỀNG - SÀN NỀN
CONNECTION OF GROUND BEAM - GROUND FLOOR SLAB



TẠI VỊ TRÍ TƯỜNG GẠCH
AT LOCATION OF BRICK-WALL



TẠI VỊ TRÍ CỬA
AT LOCATION OF DOOR

CHI TIẾT LIÊN KẾT BỔ TRỢ - SÀN NỀN
CONNECTION OF SUB-COLUMN - GROUND FLOOR SLAB

LINTEL SCHEDULE

NOTES : THIS SCHEDULE IS USED FOR ALL ITEMS IN PACKAGE B, UNLESS OTHERWISE ASSERTED

MARKS	SIZE (IN / IN)		SECTION		LENGTH	QUANTITY	LEVEL
	WIDTH	HEIGHT	WALL 200TH-K.	WALL 100TH-K.			
D11	900	2200			1300	04	+2200
D12	750	2200			1150	04	+2200
D13	650	2000			1050	05	+2000
D14	1500	2200			1900	02	+2200
D15	800	2200			1200	02	+2200
W11	2000	1450			2400	12	+2200
W12	600	600			1000	05	+2200
W13	1600	1450			2000	02	+2200

NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE B
PUMP DRAINAGE IMPROVEMENT

THANH DA O/M OFFICE
DETAIL OF GROUND FLOOR SLAB
& LINTEL SCHEDULE

SCALE : N.T.S.

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED _____ CHECKED _____

DATE : _____ DWG. No. PB - PDI - TD - 305

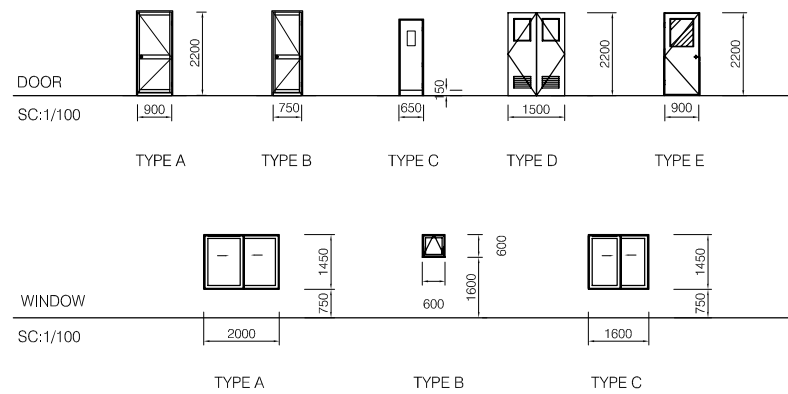
GHI CHÚ:
- BÊ TÔNG LÓT ĐÁ 40X60, MÁC 100
- BÊ TÔNG ĐÁ 10X20, MÁC 300
- CỐT THÉP Ra=2000 Kg/cm2

NOTE :
- LEAN CONCRETE STONE 40x60, GRADE 100
- CONCRETE STONE 10x20, GRADE 300
- REINFORCEMENT Ra=2000 Kg/cm2

DOOR & WINDOW SCHEDULE

	No	MARKS	SIZE (IN / IN)		TYPE	THANH DA	QUANTITY				REMARK	
			WIDTH	HEIGHT			BEN ME COC (1)					
							OFFICE	GUARD HOUSE(1)	GUARD HOUSE(2)	SUB-TOTAL		
DOORS	1	D11	900	2200	A	2	2	0	0	2	4	ALUMINUM -5MM THK CLEAR GLASS KHUNG NHOM KINH TRONG 5MM
	2	D12	750	2200	B	1	1	1	1	3	4	ALUMINUM -5MM THK FROST GLASS KHUNG THEP KINH TRONG 5MM
	3	D13	650	2000	C	1	2	1	1	4	5	PLASTIC NHUA
	4	D14	1500	2200	D	1	1	0	0	1	2	STEEL-5MM THK CLEAR GLASS KHUNG THEP KINH TRONG 5MM
	5	D15	800	2200	E	0	0	1	1	2	2	STEEL-5MM THK CLEAR GLASS KHUNG THEP KINH TRONG 5MM
TOTAL						5	6	3	3	12	17	
WINDOWS	7	W11	2000	1450	A	5	7	0	0	7	12	ALUMINUM -5MM THK CLEAR GLASS KHUNG NHOM KINH TRONG 5MM
	8	W12	600	600	B	1	2	1	1	4	5	ALUMINUM -5MM THK FROST GLASS KHUNG NHOM KINH TRONG 5MM
	9	W13	1600	1450	C	0	0	1	1	2	2	ALUMINUM -5MM THK CLEAR GLASS KHUNG NHOM KINH TRONG 5MM
	TOTAL						6	9	2	2	13	19

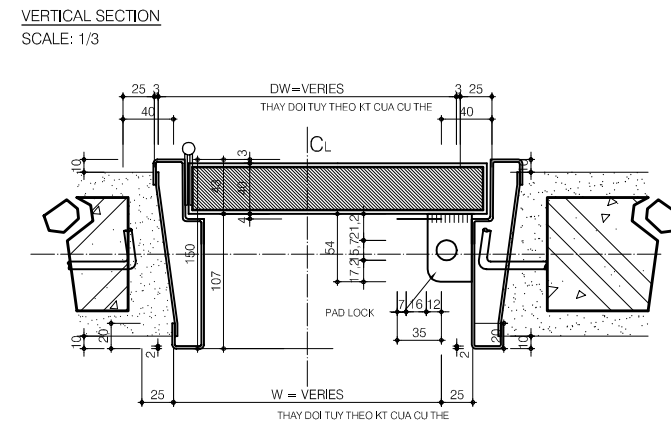
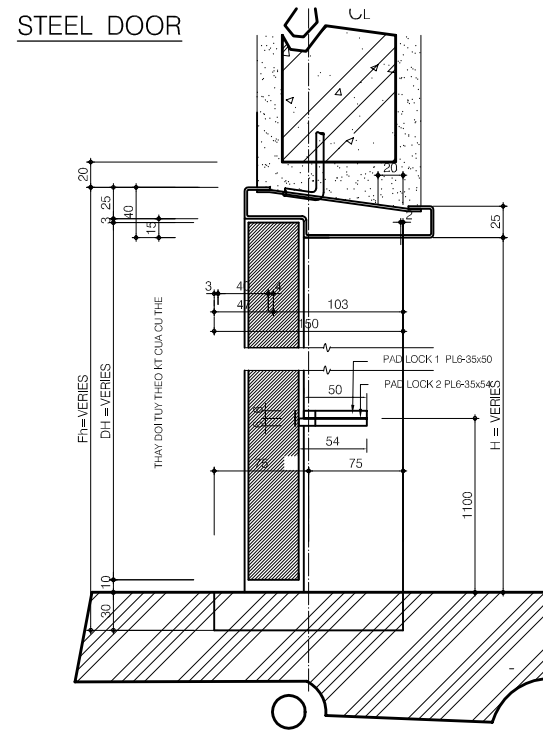
DESCRIPTION



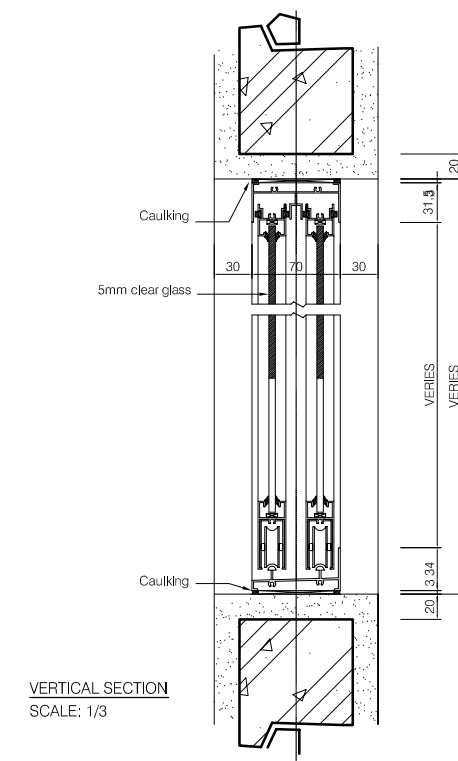
FINISH SCHEDULE

BUILDING	ROOM NAME	ROOM No.	FLOOR		WALL		CEILING				
			FINISHED BY EPOXY PAINT	QUART TILE (IECERA)	CERAMIC FLOOR TILE	FINISHED BY EPOXY PAINT	FINISHED BY PAINT	CERAMIC WALL TILE	PLASTERBOARD PANEL	VILLBOARD CEILING	NON
THANH DA	OFFICE	01	X			X	X				
	MEETING ROOM	02	X			X	X				
	NIGHT DUTY	03	X			X	X				
	WC01	04		X			X	X			
ME COC PUMP STATION	NIGHT DUTY	11	X			X	X				
	MEETING ROOM	12	X			X	X				
	OFFICE	13	X			X	X				
	WC01	14		X			X	X		X	
	OFFICE	15	X			X	X		X		
	WC01	16		X			X	X		X	

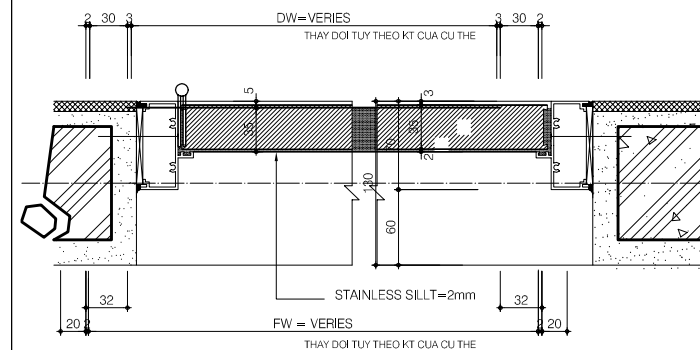
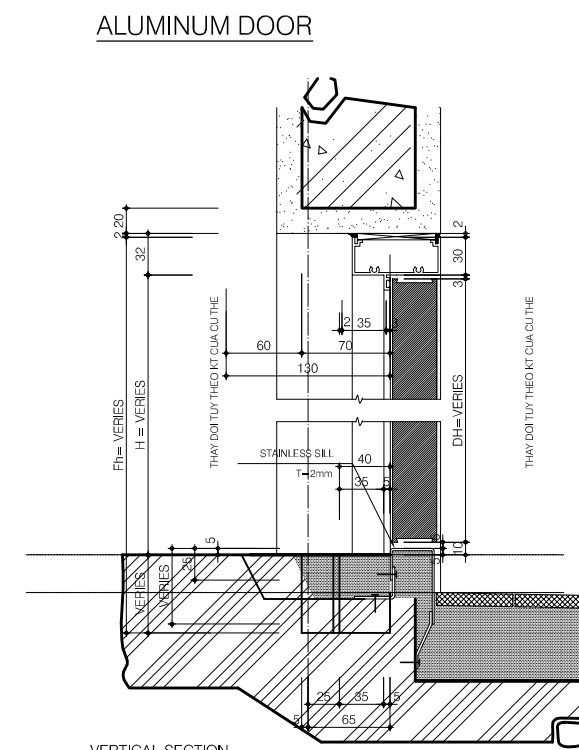
STEEL DOOR



VERTICAL SECTION SCALE: 1/3

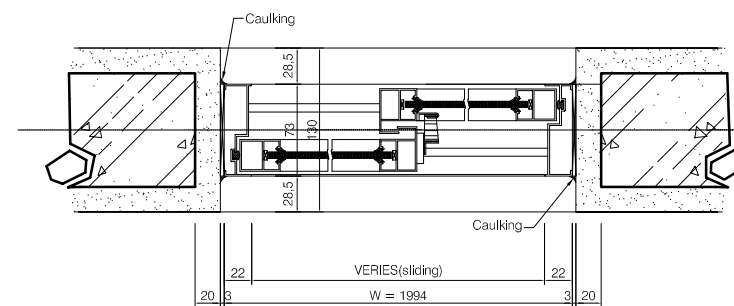


ALUMINUM DOOR



HORIZONTAL SECTION SCALE: 1/3

ALUMINUM WINDOW



HORIZONTAL SECTION SCALE: 1/3

NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE B
PUMP DRAINAGE IMPROVEMENT

**DOOR & WINDOW SCHEDULE & DETAILS
FINISH SCHEDULE**

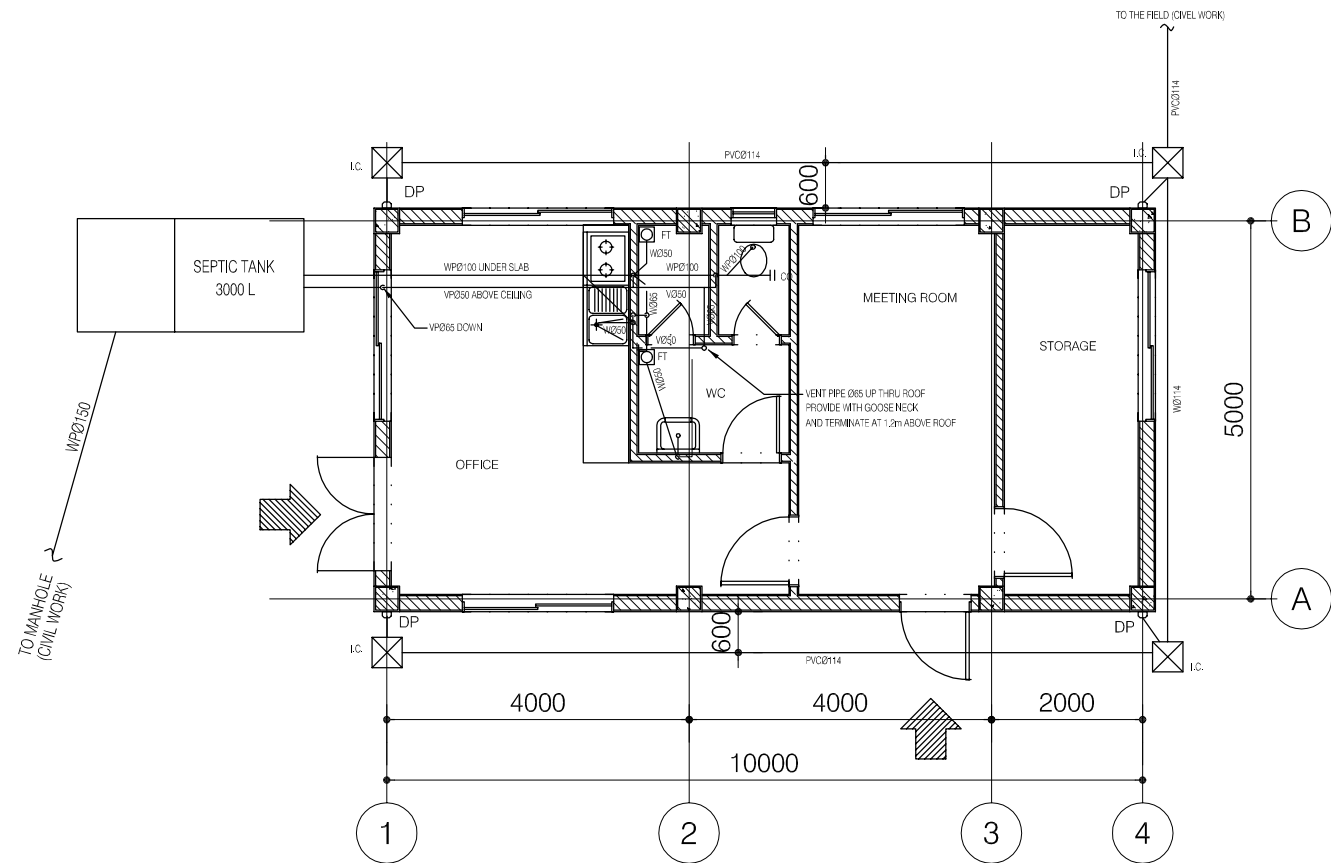
SCALE : AS SHOWN

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

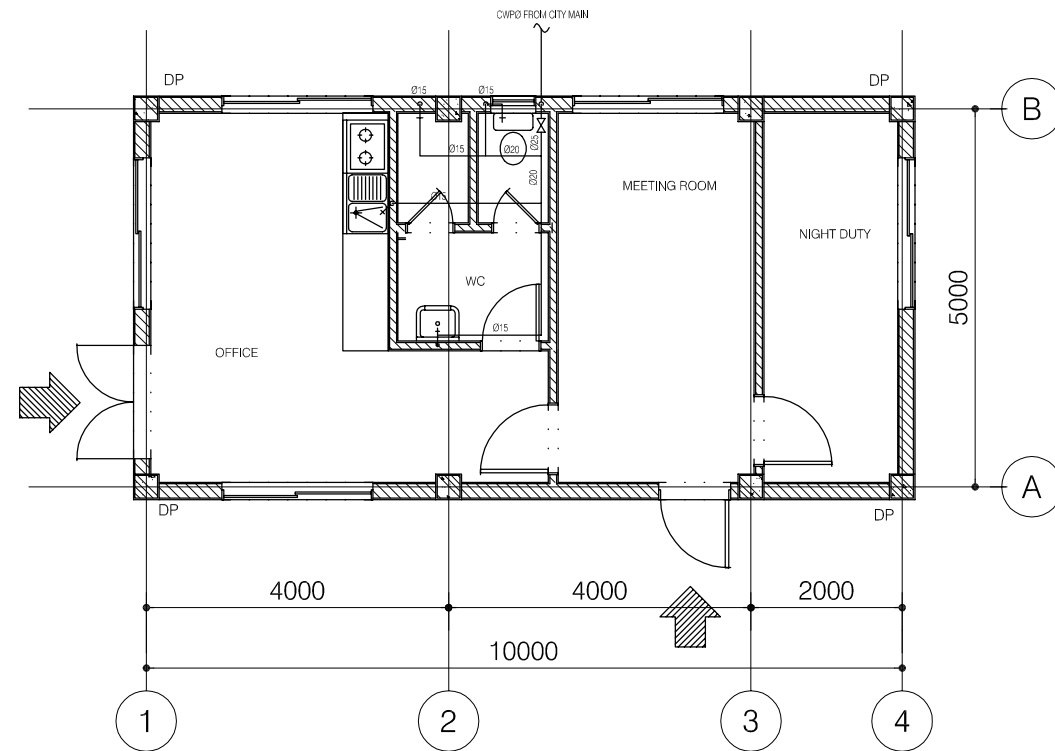
DESIGNED CHECKED

DATE : DWG. No. PB - PDI - TD - 306



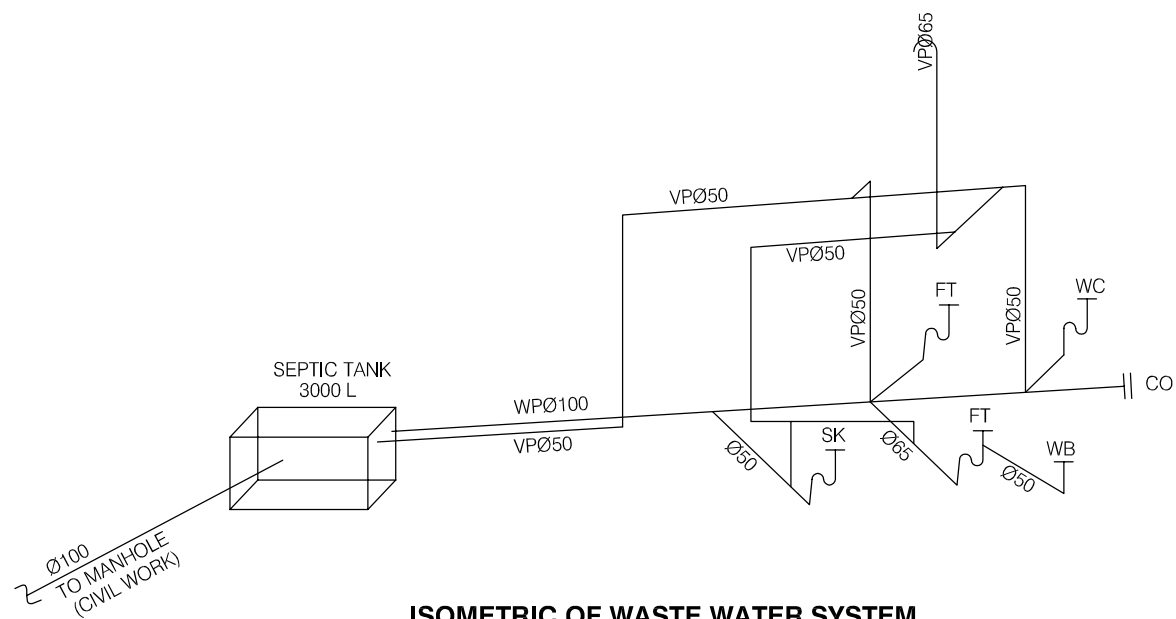
DRAINAGE PLAN

SCALE : 1/50

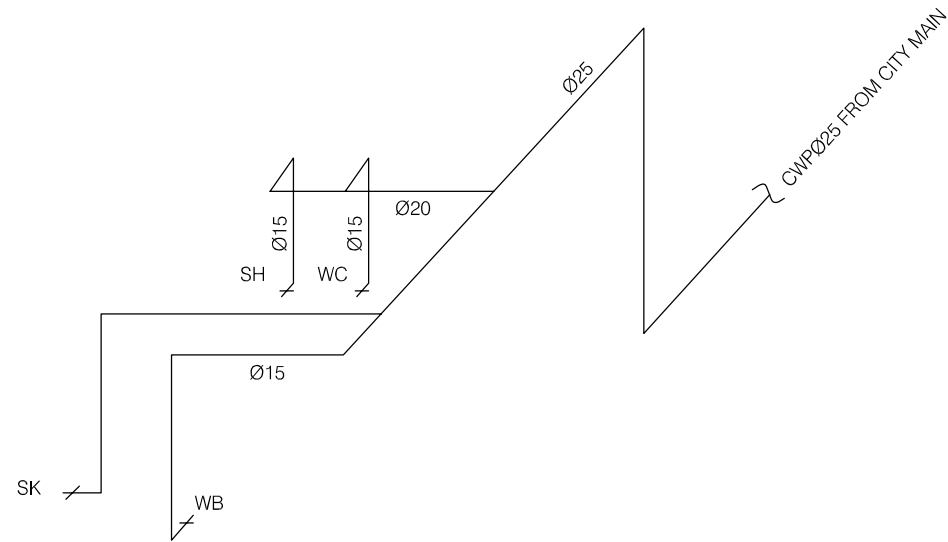


PLUMBING PLAN

SCALE : 1/50



ISOMETRIC OF WASTE WATER SYSTEM



ISOMETRIC OF COLD WATER SUPPLY SYSTEM

NOTE: TYPICAL DRAWING OF SEPTIC TANK (3000 LITERS)
REFER TO DWG. NO. PB - PDI - BMC1 - 310

NO.	DATE	DESCRIPTIONS	BY	APPRO.
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE B
PUMP DRAINAGE IMPROVEMENT
THANH DA PUMPING STATION
PLUMBING AND DRAINAGE
PLAN, ISOMETRIC

SCALE : 1/50, 1/25

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED CHECKED

DATE : DWG. No. PB - PDI - TD - 308

