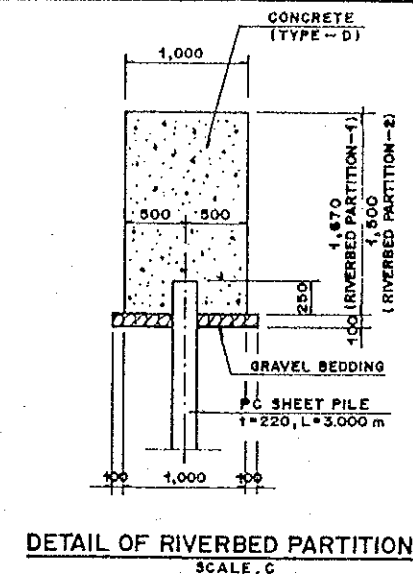
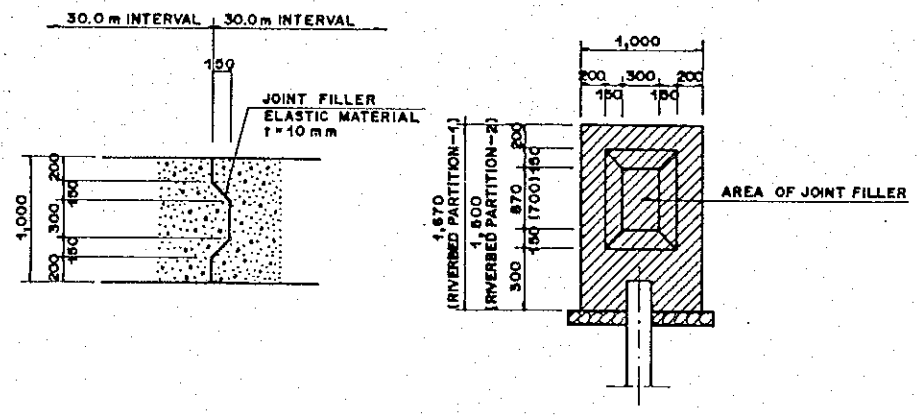


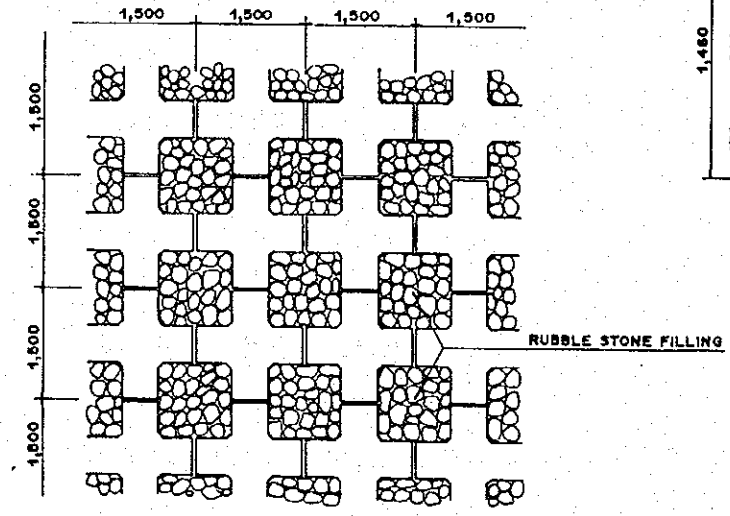
PROFILE OF RIVERBED PROTECTION
SCALE A



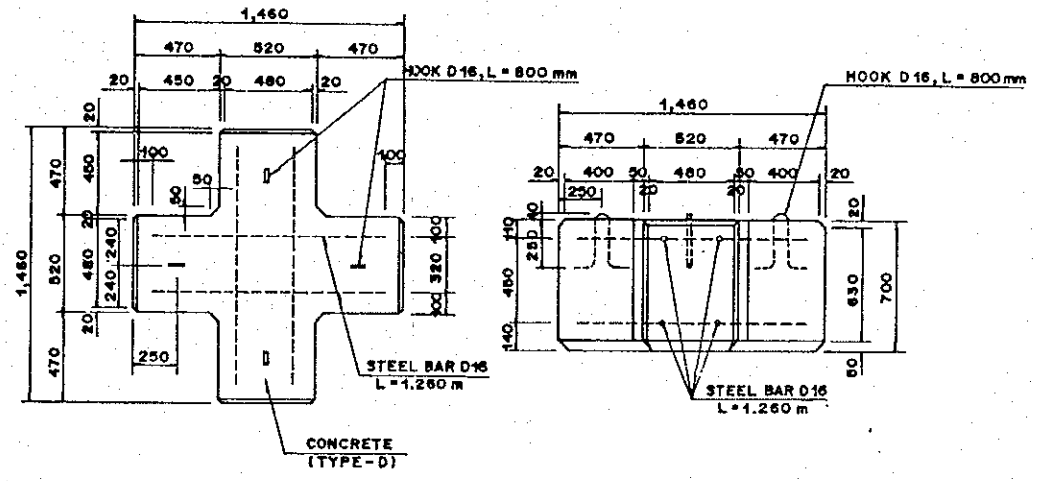
DETAIL OF RIVERBED PARTITION
SCALE C



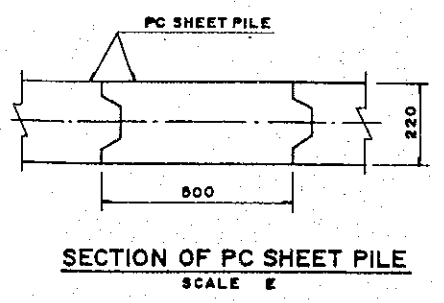
DETAIL OF JOINTING (RIVERBED PARTITION)
SCALE C



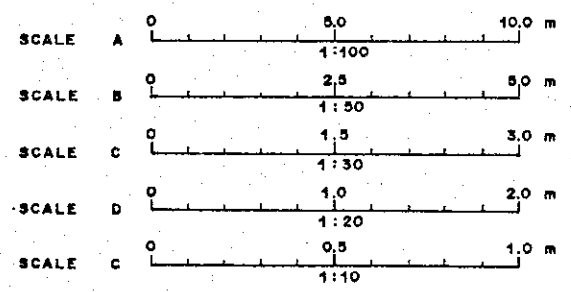
LAYOUT OF CONCRETE BLOCK
SCALE B



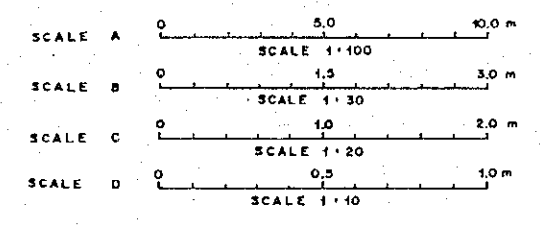
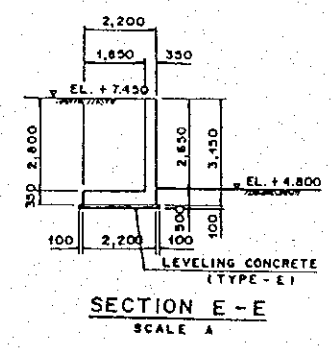
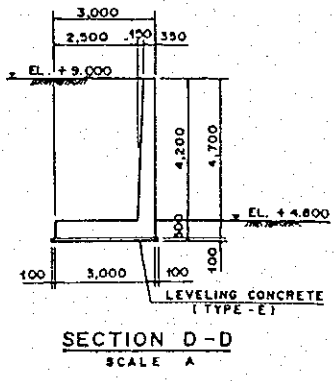
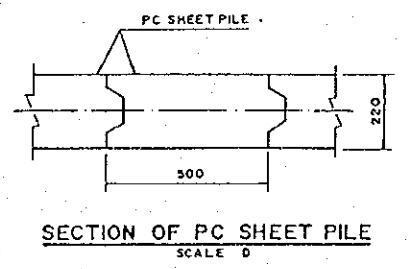
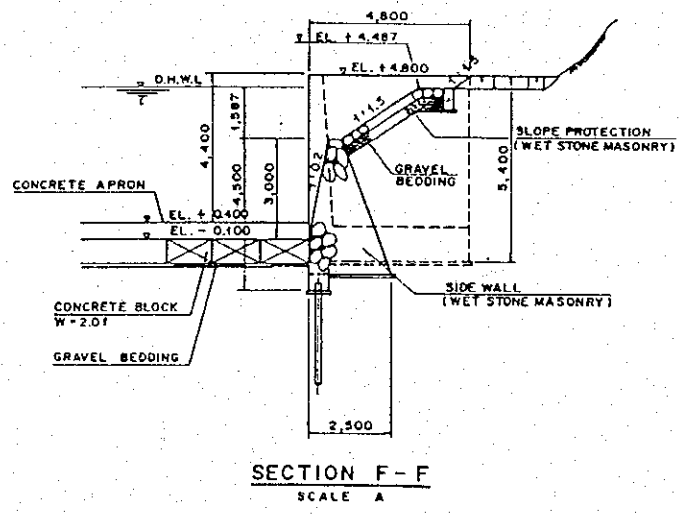
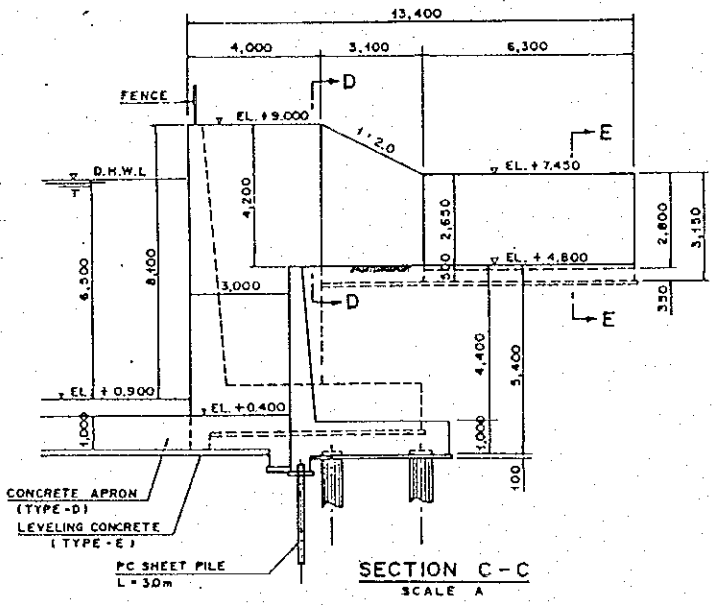
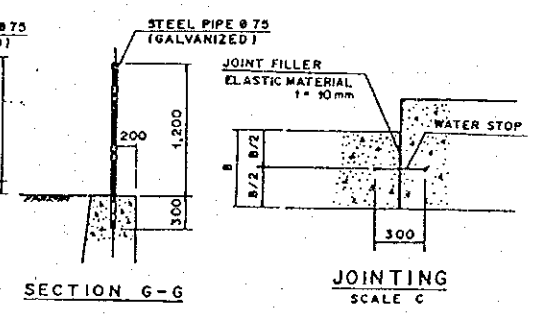
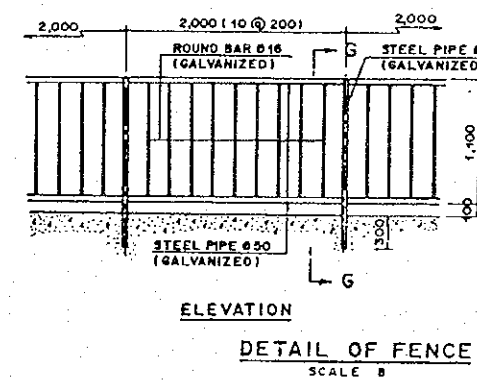
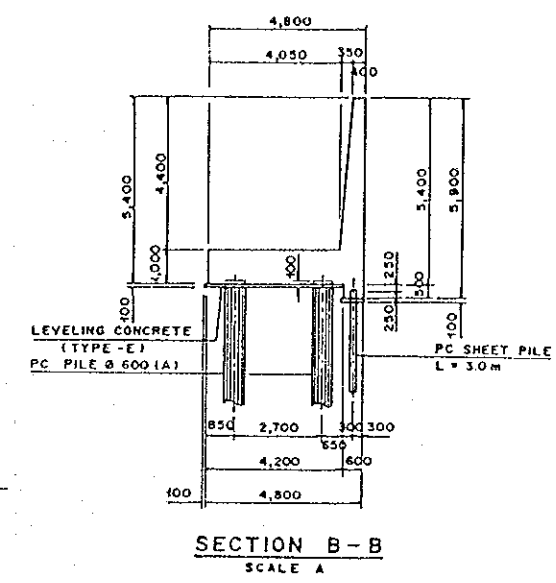
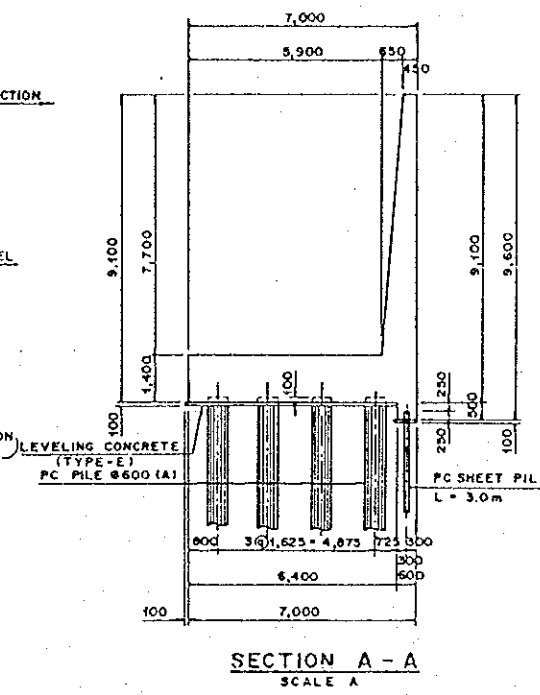
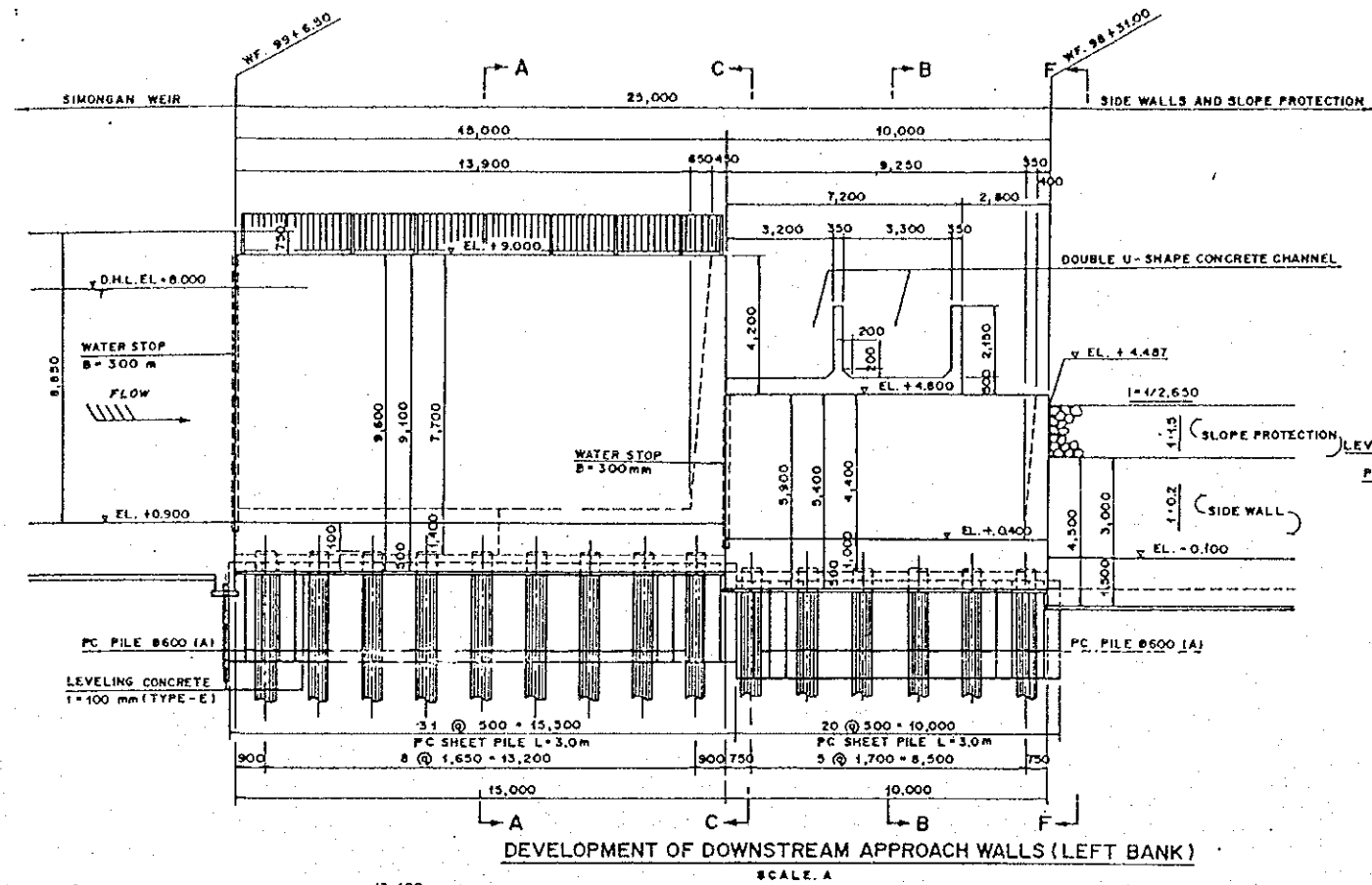
DETAIL OF CONCRETE BLOCK (w=2.0^{tf})
SCALE D



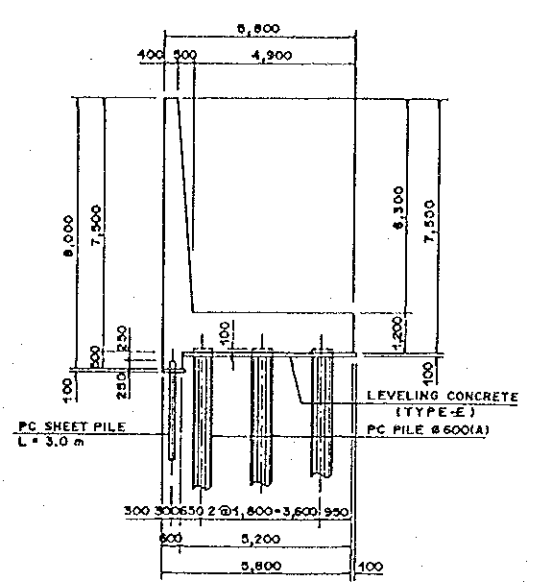
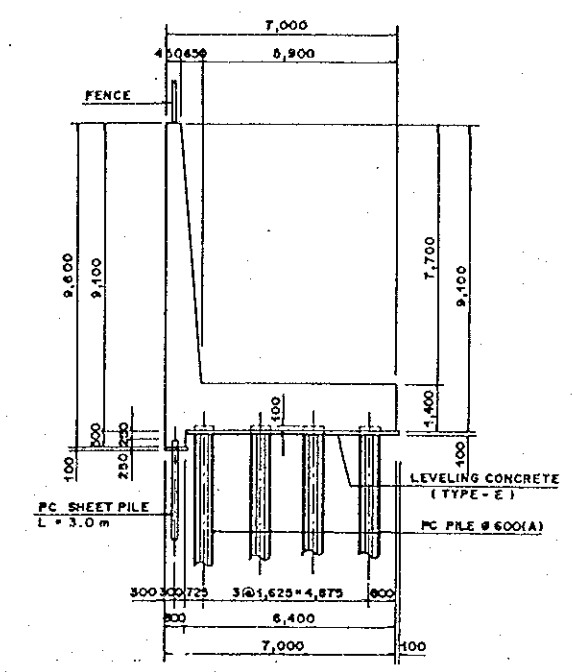
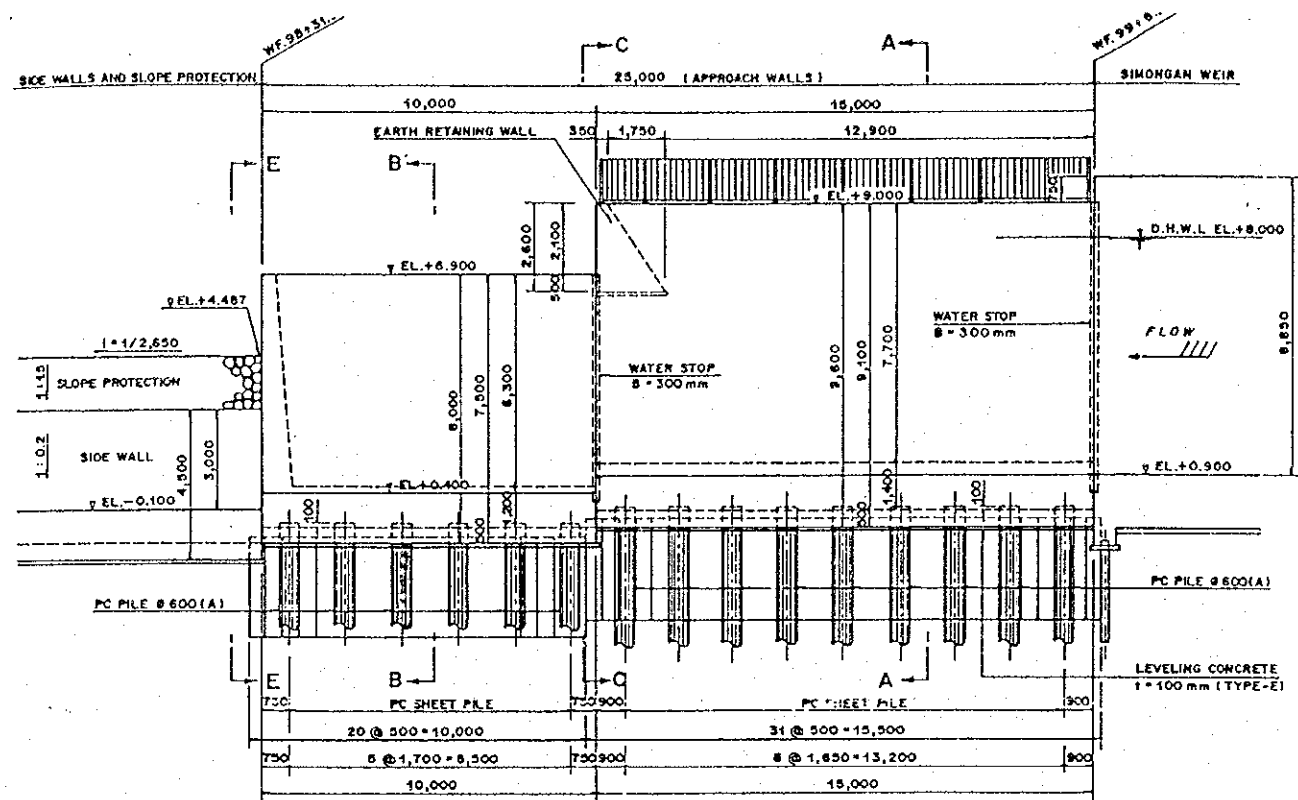
SECTION OF PC SHEET PILE
SCALE E



THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY
DWG. 6.4.17
CONCRETE BLOCK AND GABION MATTRESS



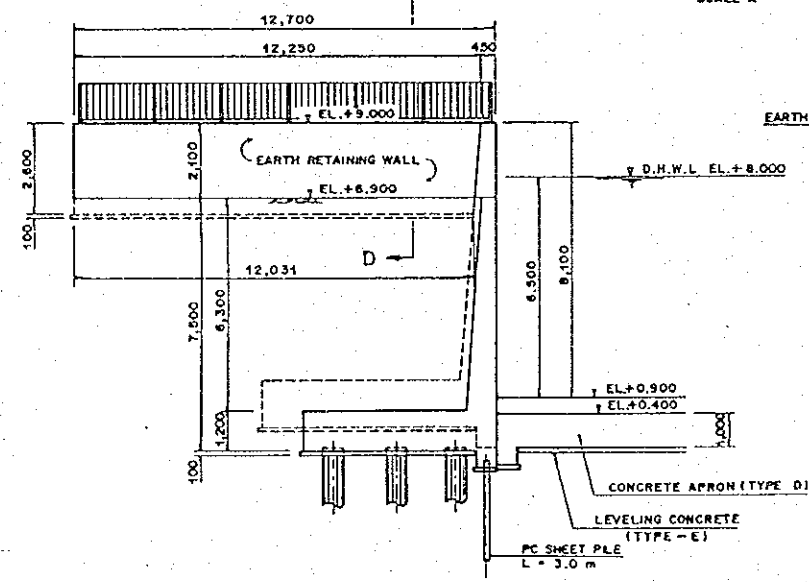
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY
DWG. 6.4.18
DOWNSTREAM APPROACH WALLS ON LEFT BANK



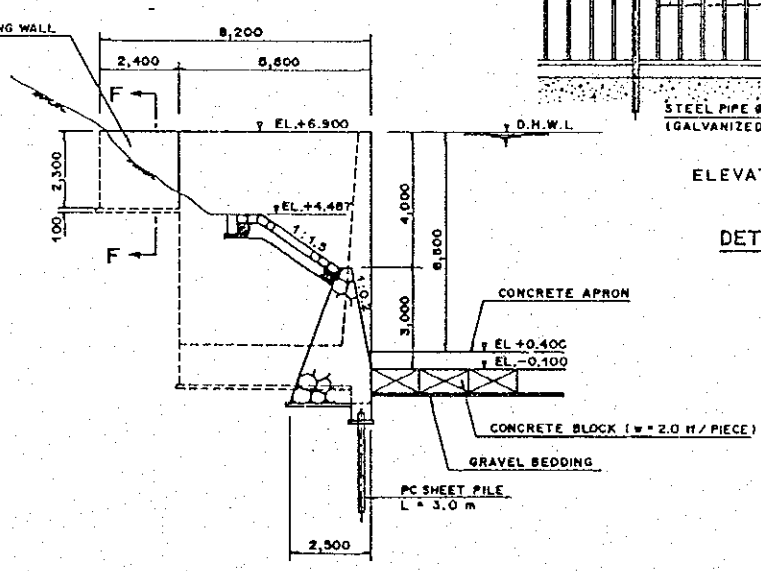
SECTION A-A
SCALE A

SECTION B-B
SCALE A

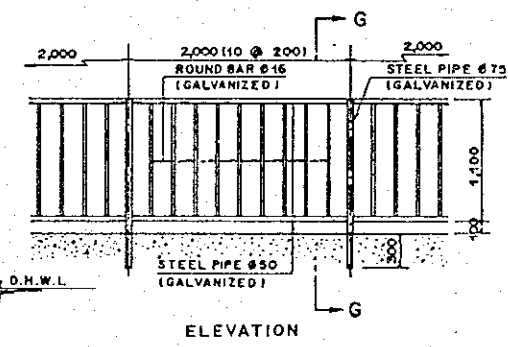
D DEVELOPMENT OF DOWNSTREAM APPROACH WALLS (RIGHT BANK)
SCALE A



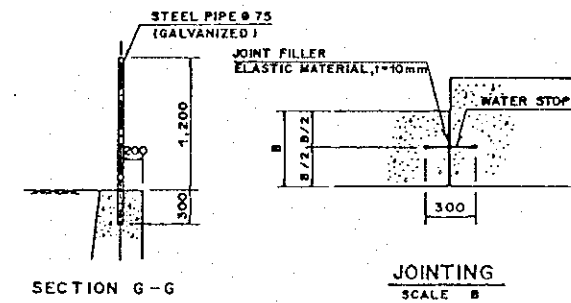
SECTION C-C
SCALE A



SECTION E-E
SCALE A

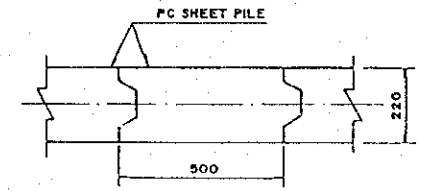


DETAIL OF FENCE
SCALE C

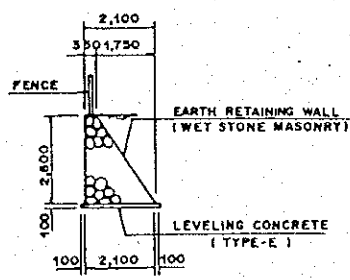


SECTION G-G

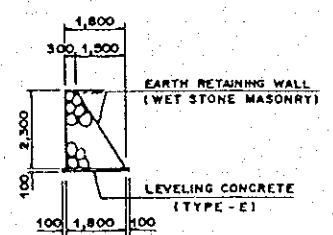
JOINTING
SCALE B



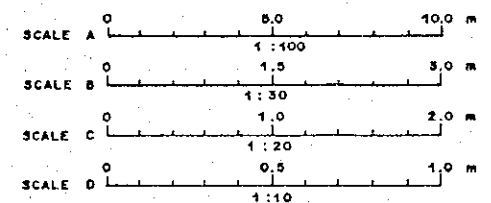
SECTION OF PC SHEET PILE
SCALE D



SECTION D-D
SCALE A

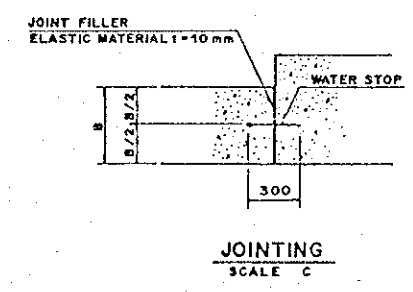
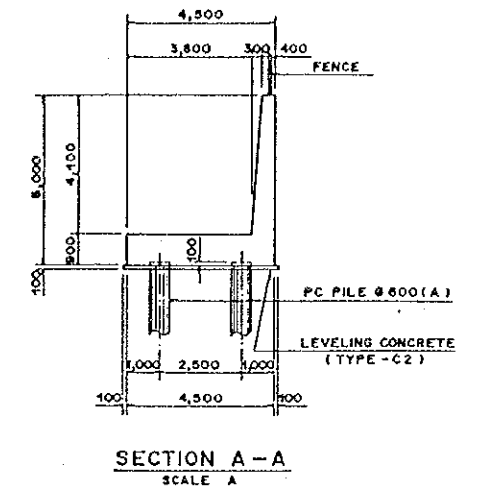
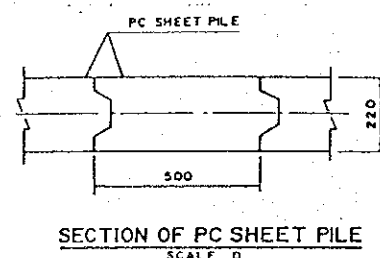
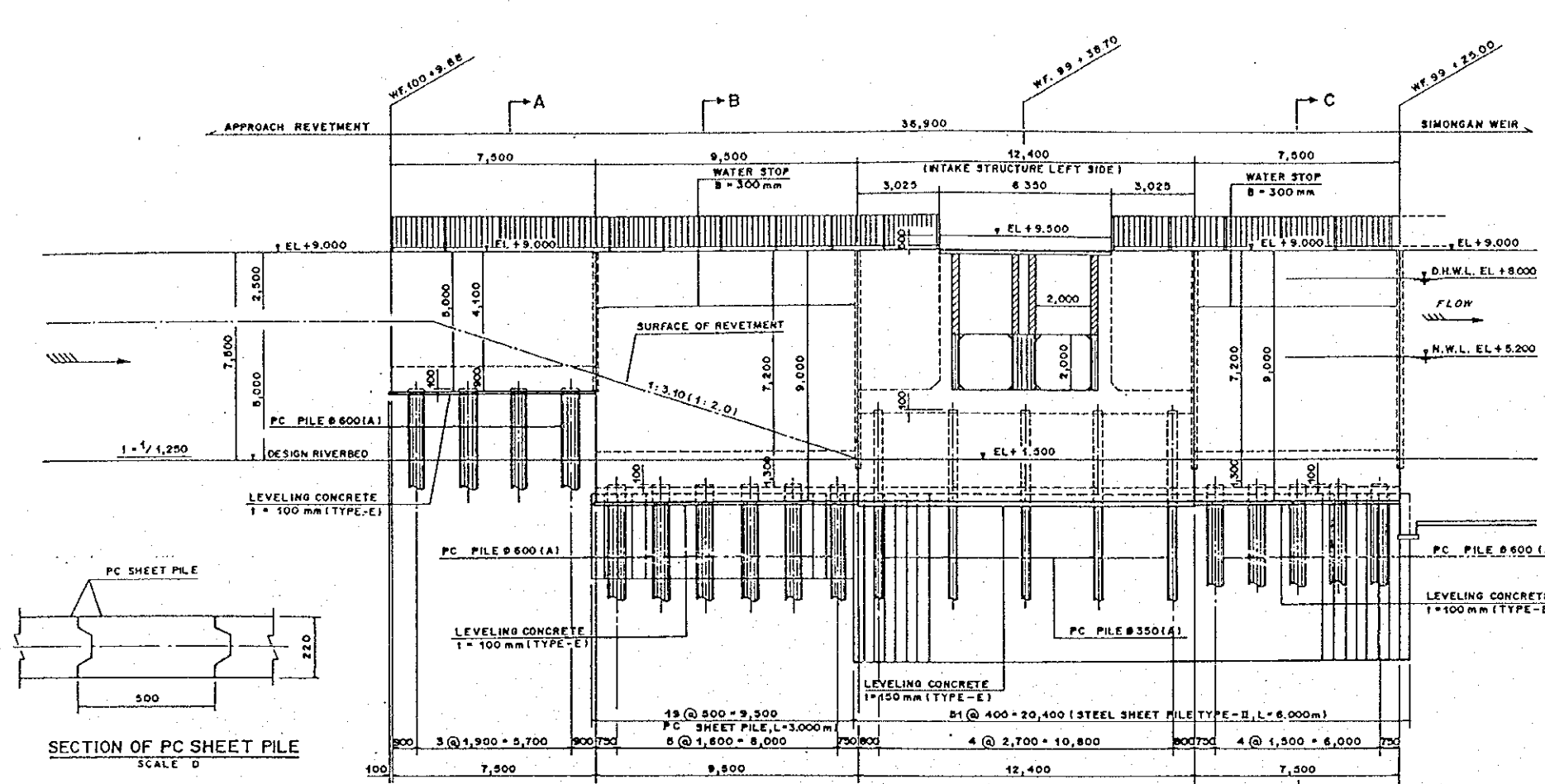


SECTION F-F
SCALE A

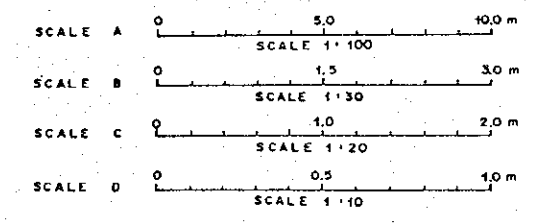
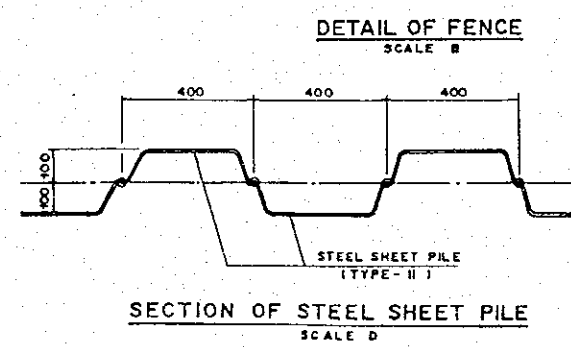
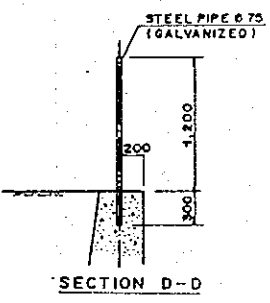
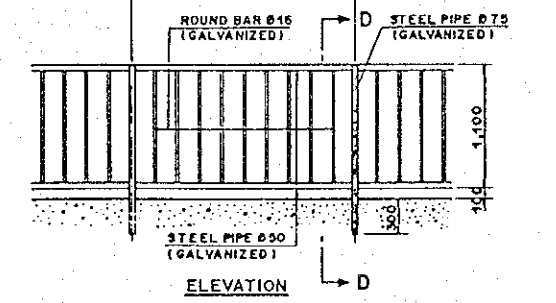
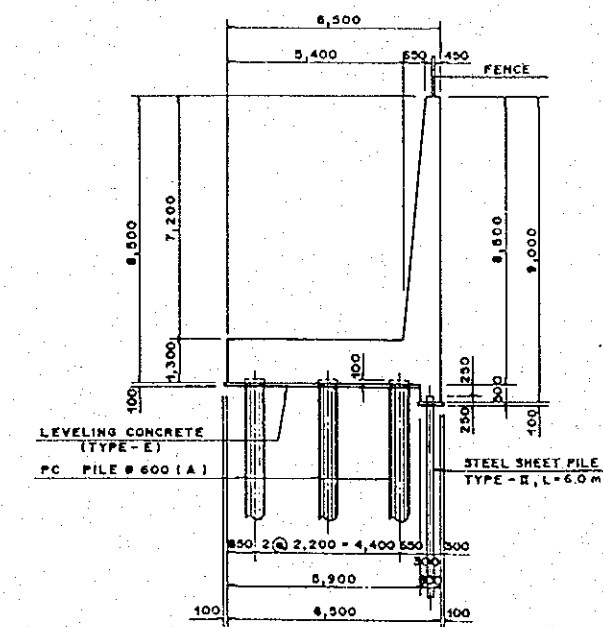
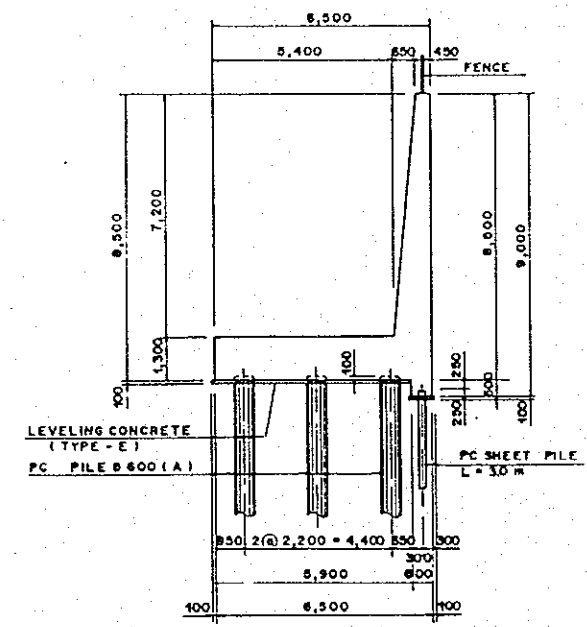


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
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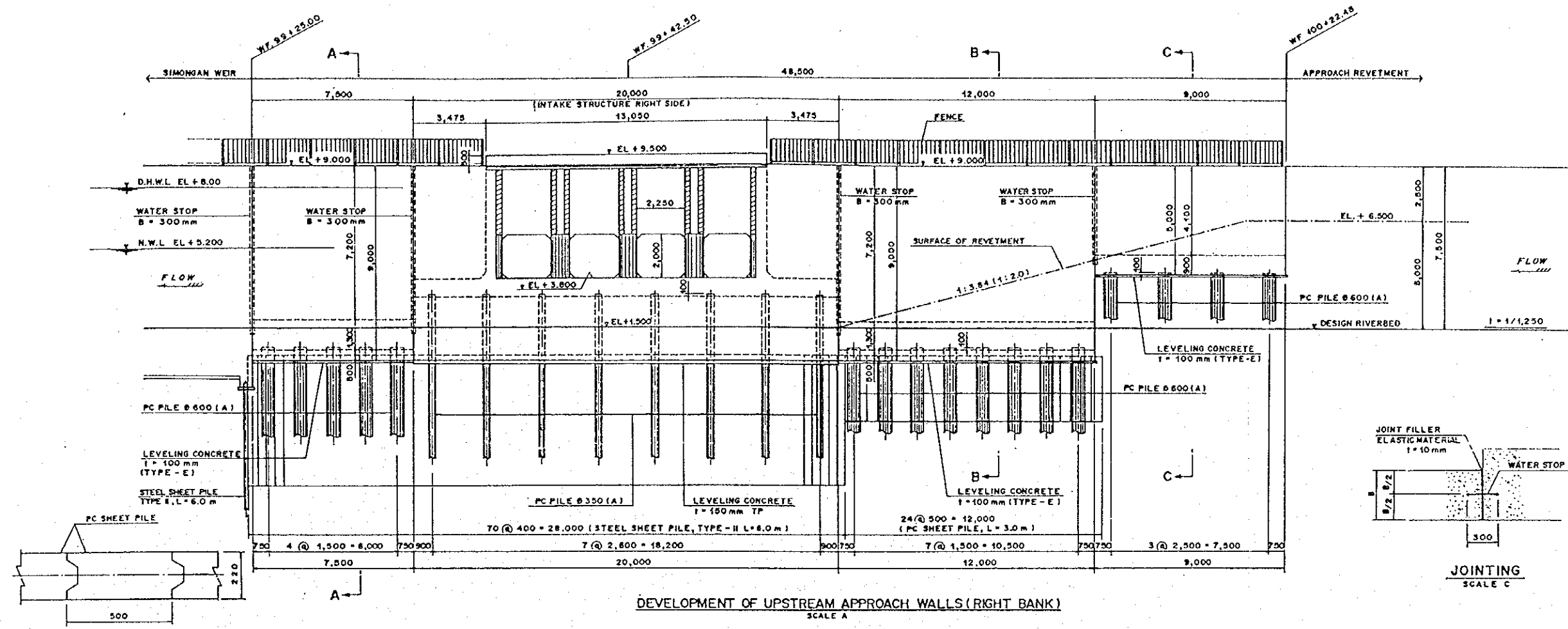
DWG. 6.4.19
DOWNSTREAM APPROACH WALLS ON RIGHT BANK



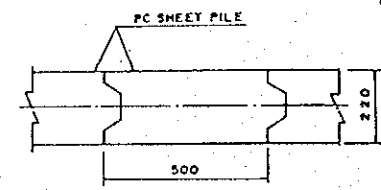
DEVELOPMENT OF UPSTREAM APPROACH WALLS (LEFT BANK) SCALE A



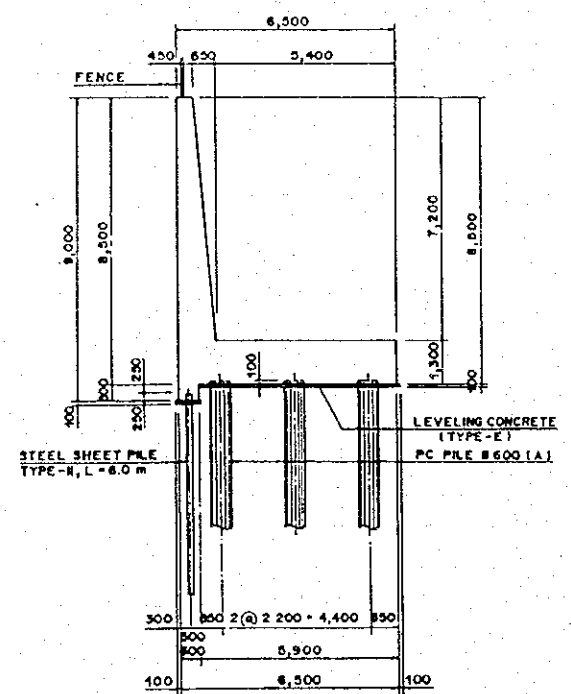
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DWG. 6.4.20
 UPSTREAM APPROACH WALLS ON LEFT BANK
 JAPAN INTERNATIONAL COOPERATION AGENCY



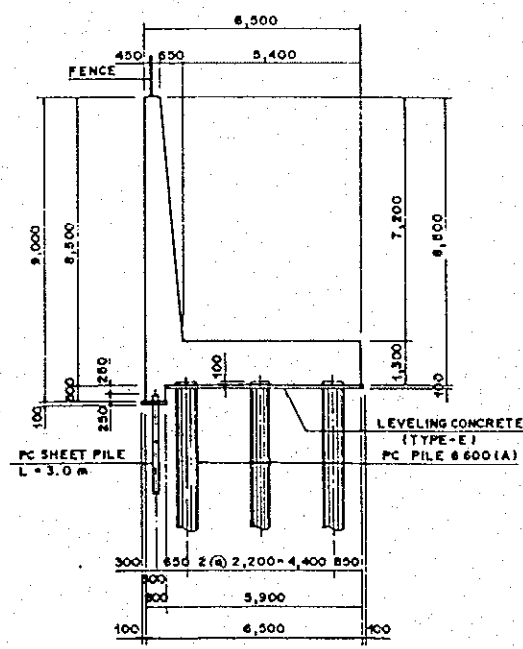
DEVELOPMENT OF UPSTREAM APPROACH WALLS (RIGHT BANK)
SCALE A



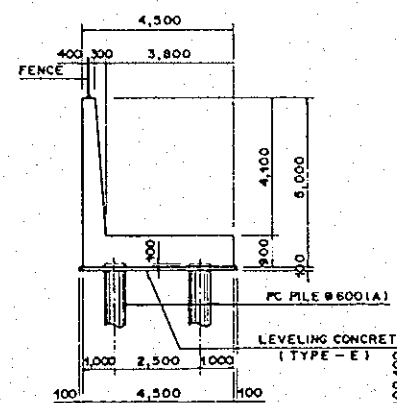
SECTION OF PC SHEET PILE
SCALE D



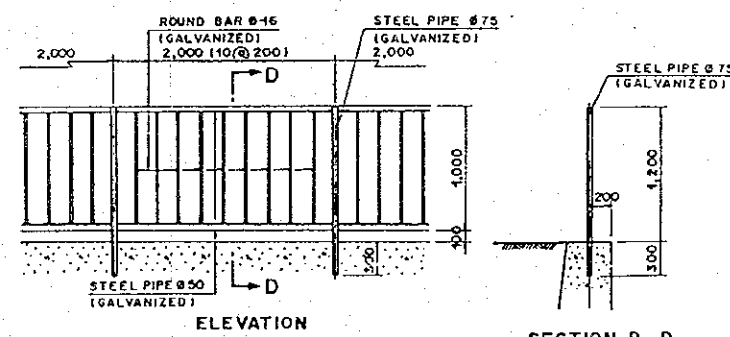
SECTION A - A
SCALE A



SECTION B - B
SCALE A

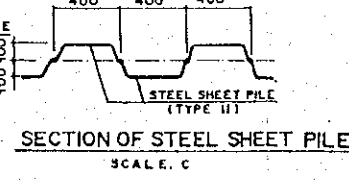


SECTION C - C
SCALE A



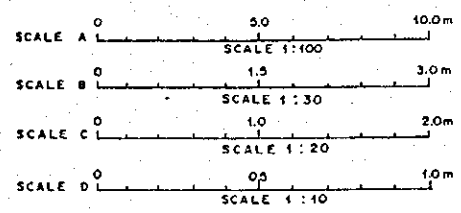
ELEVATION

SECTION D - D



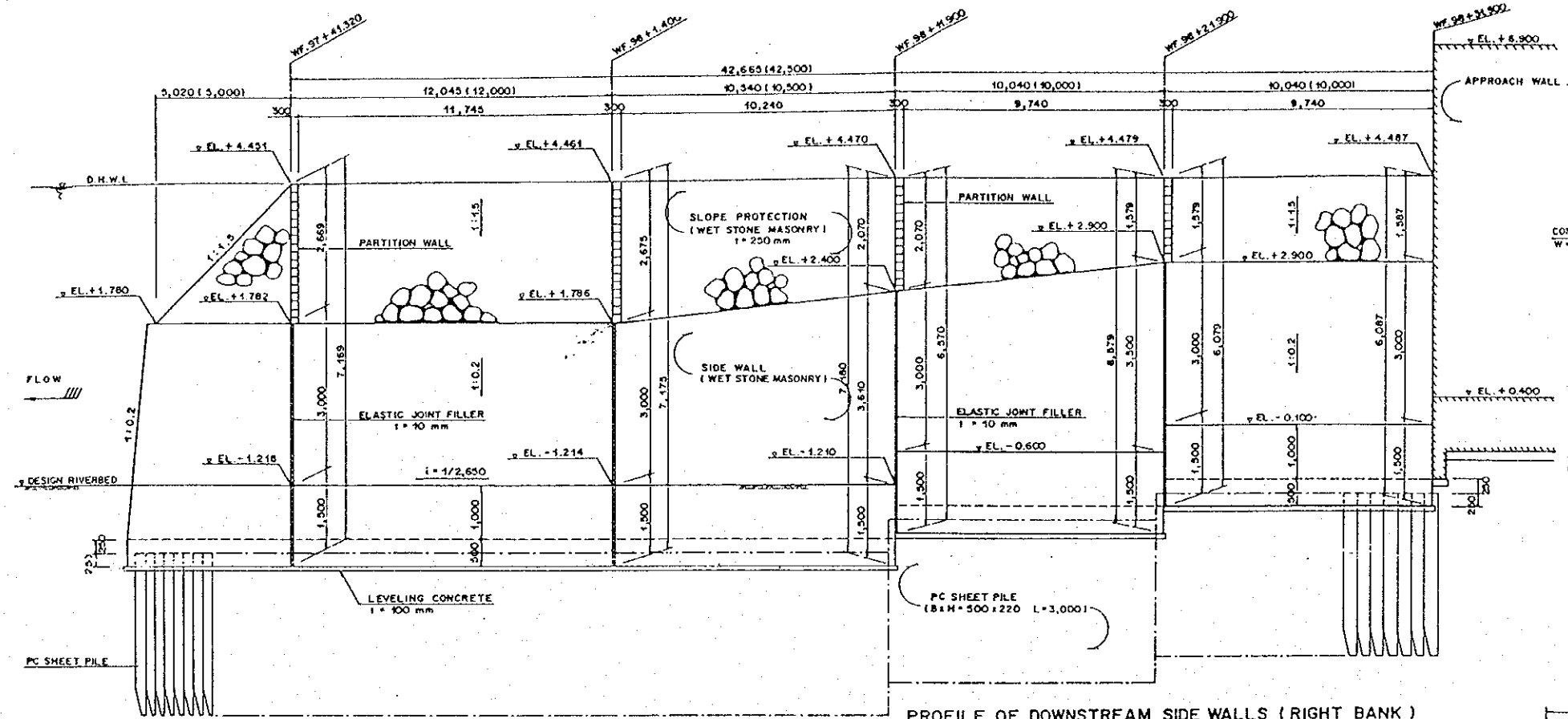
SECTION OF STEEL SHEET PILE
SCALE C

DETAIL OF FENCE
SCALE B



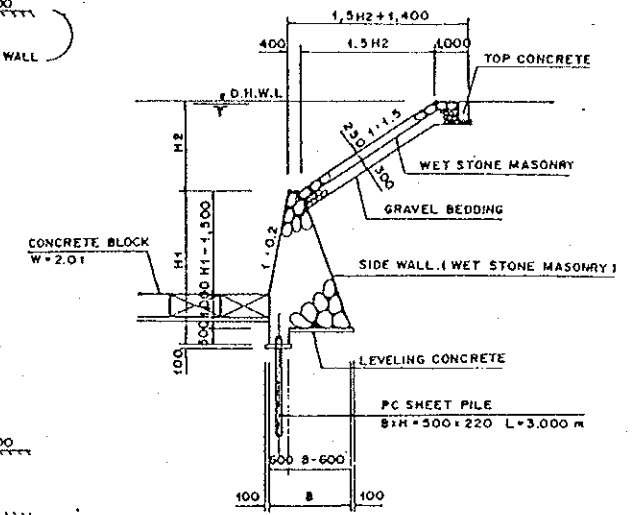
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY

DWG. 6.4.21
UPSTREAM APPROACH WALLS ON RIGHT BANK



PROFILE OF DOWNSTREAM SIDE WALLS (RIGHT BANK)

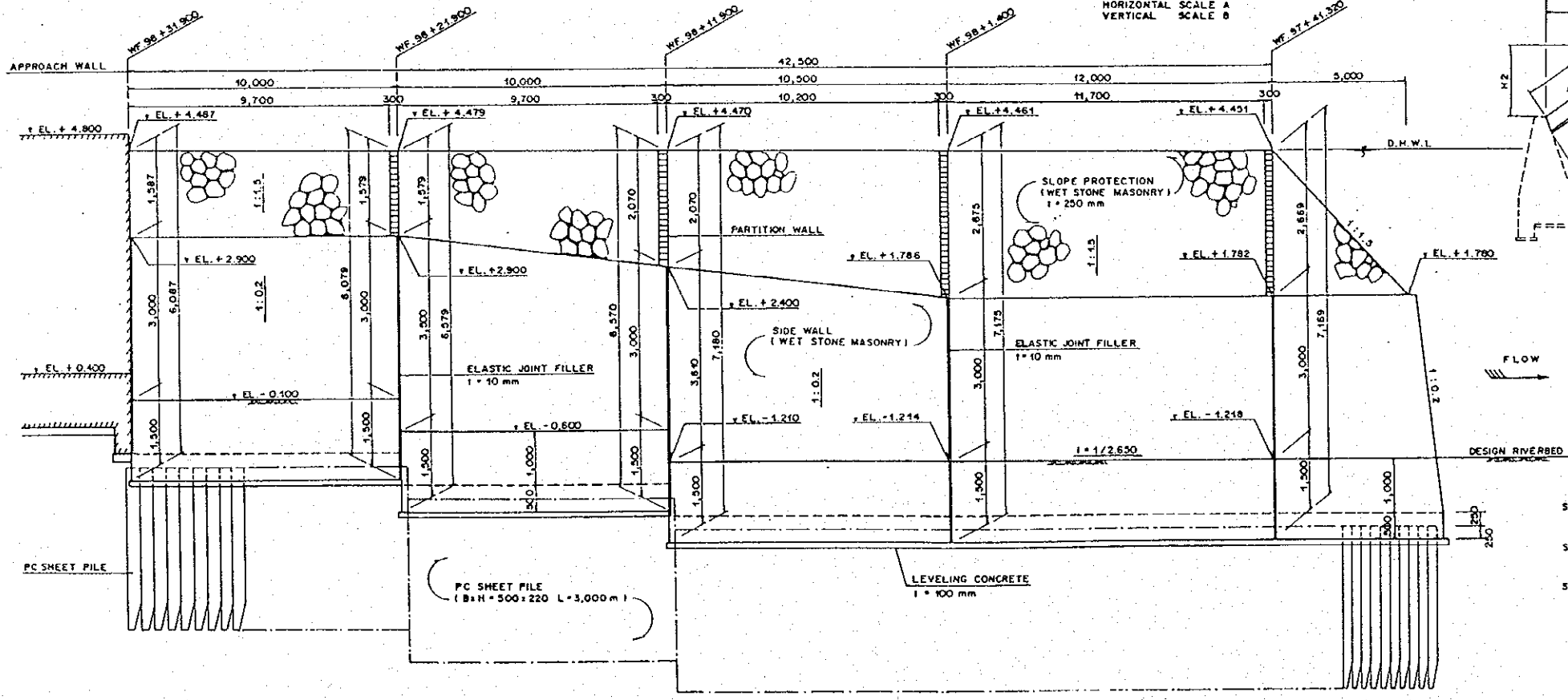
HORIZONTAL SCALE A
VERTICAL SCALE B



STANDARD CROSS SECTION OF SIDE WALL
SCALE A

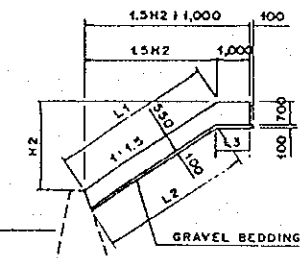
TABLE OF DIMENSION

STATION	H1 (m)	H2 (m)	B (m)	REMARK
WF. 97+41,320	4,300	2,669	2,300	
WF. 98+1,400	4,500	2,675	2,300	
WF. 98+11,900	5,110	2,070	3,000	DOWN STREAM
WF. 98+11,900	4,300	2,070	2,500	UPSTREAM
WF. 98+21,900	5,000	1,379	3,000	DOWN STREAM
WF. 98+21,900	4,300	1,379	2,500	UPSTREAM
WF. 98+31,900	4,500	1,387	2,300	



PROFILE OF DOWNSTREAM SIDE WALLS (LEFT BANK)

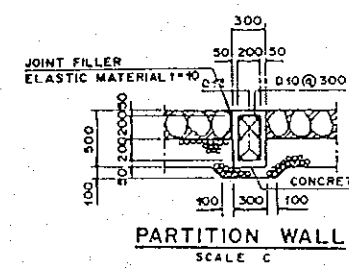
HORIZONTAL SCALE A
VERTICAL SCALE B



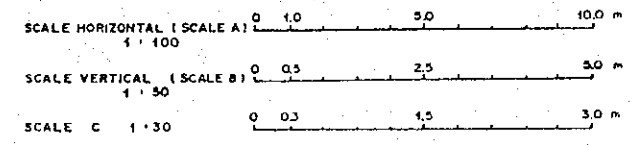
PROFILE OF PARTITION WALL
SCALE A

TABLE OF DIMENSION

STATION	L1 (m)	L2 (m)	L3 (m)
WF. 98+21,900	3,796	3,315	1,058
WF. 98+11,900	3,732	3,431	1,038
WF. 98+1,400	4,823	4,342	1,038
WF. 97+41,320	4,842	4,331	1,058

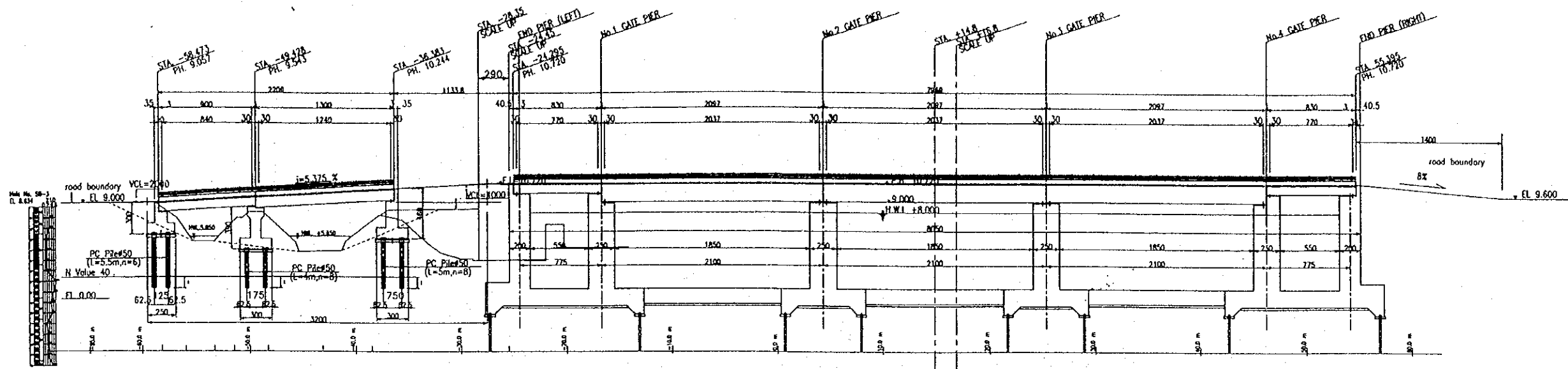


PARTITION WALL
SCALE C

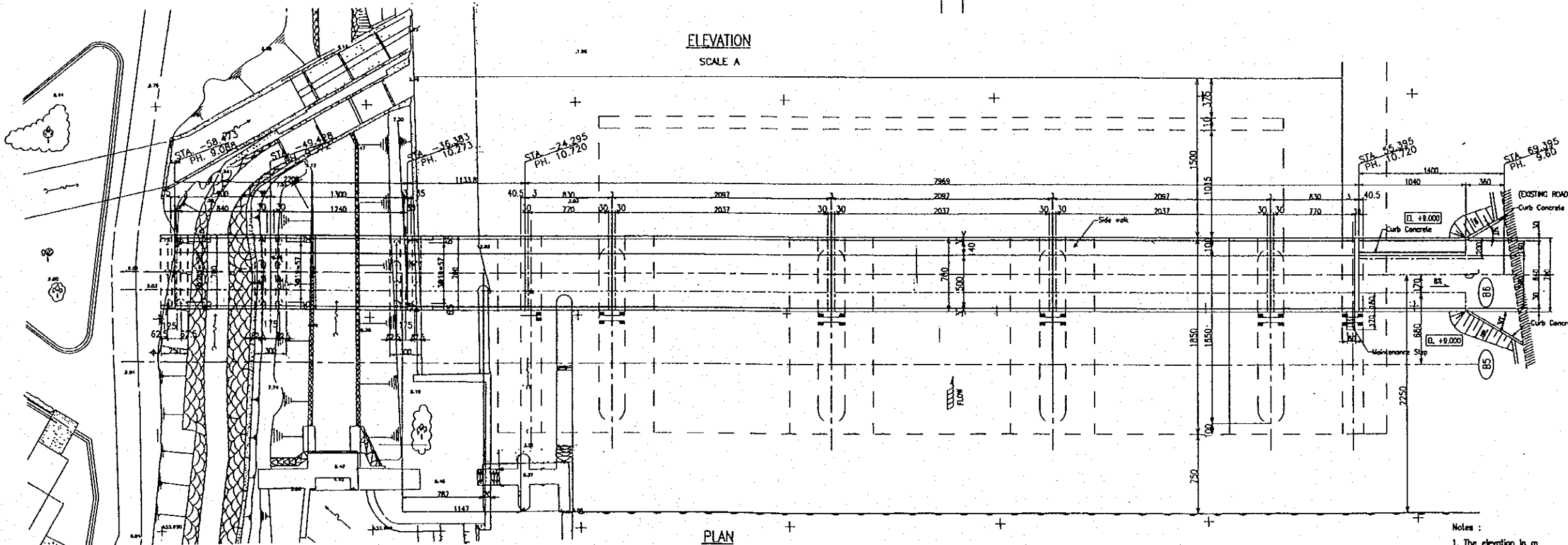


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
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DWG. 6.4.22
REVTMENT OF DOWNSTREAM CHANNEL

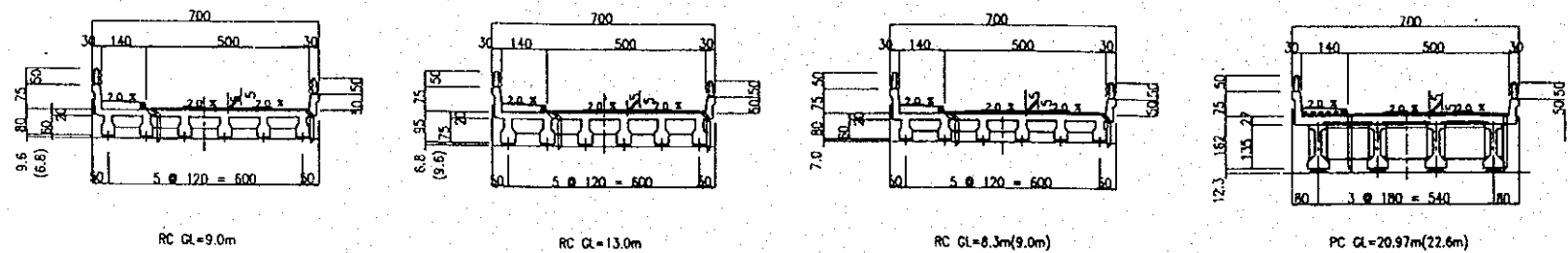


ELEVATION
SCALE A

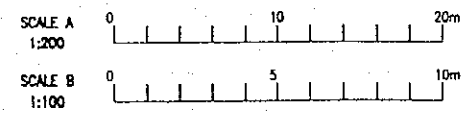


PLAN
SCALE A

- Notes :
1. The elevation in m
 2. The dimension in cm
 3. The station in m
 4. i=more than 1.2 m

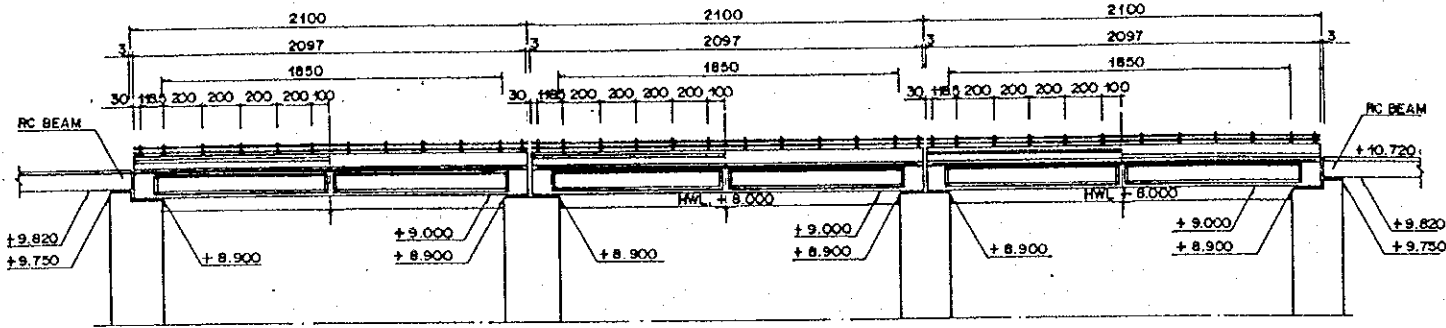


TYPICAL CROSS SECTION
SCALE B

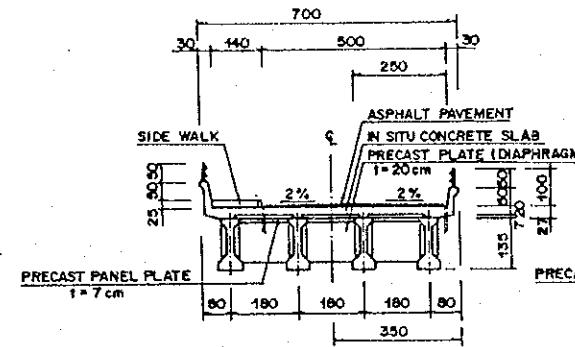


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
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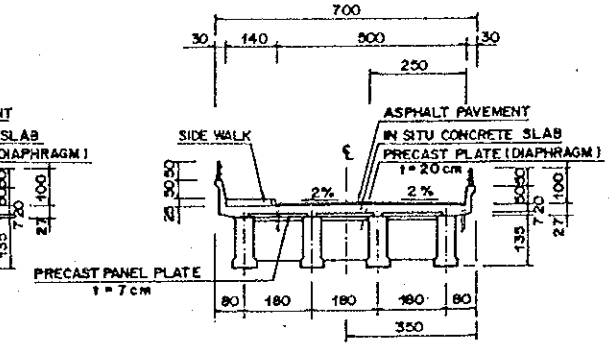
DWG. 6.4.23
LOCATION OF MAINTENANCE AND APPROACH BRIDGES



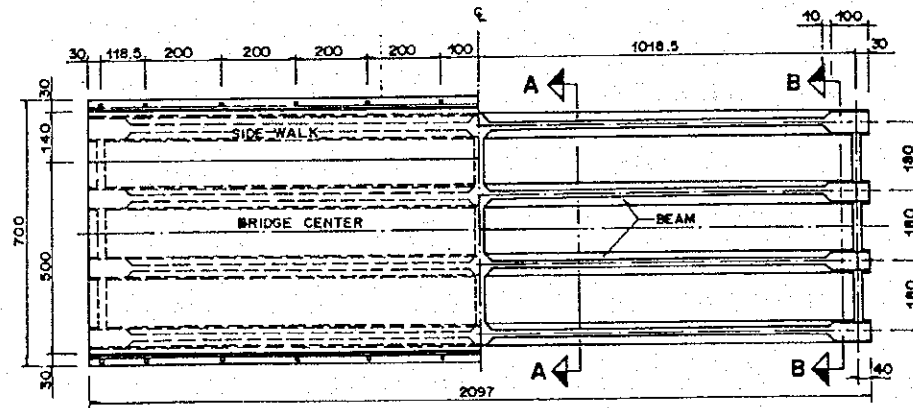
LONGITUDINAL SECTION
SCALE A



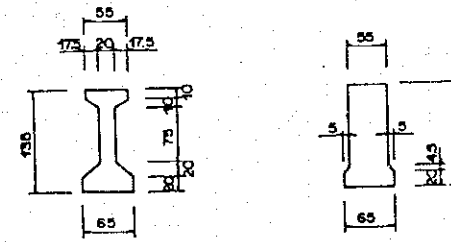
SECTION A - A
SCALE B



SECTION B - B
SCALE B

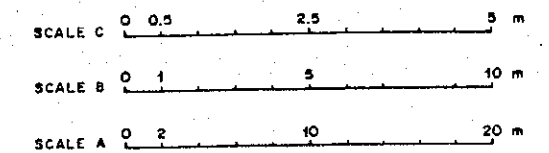


PLAN
SCALE B



CENTER END
BEAM SECTION
SCALE C

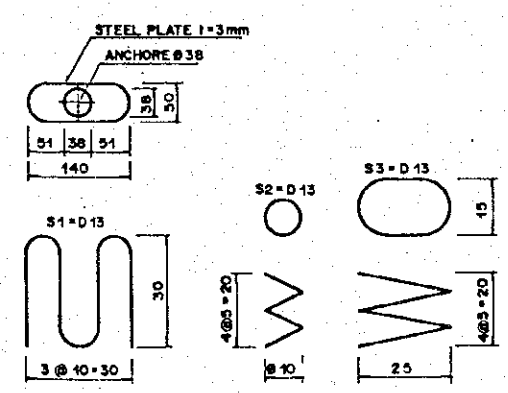
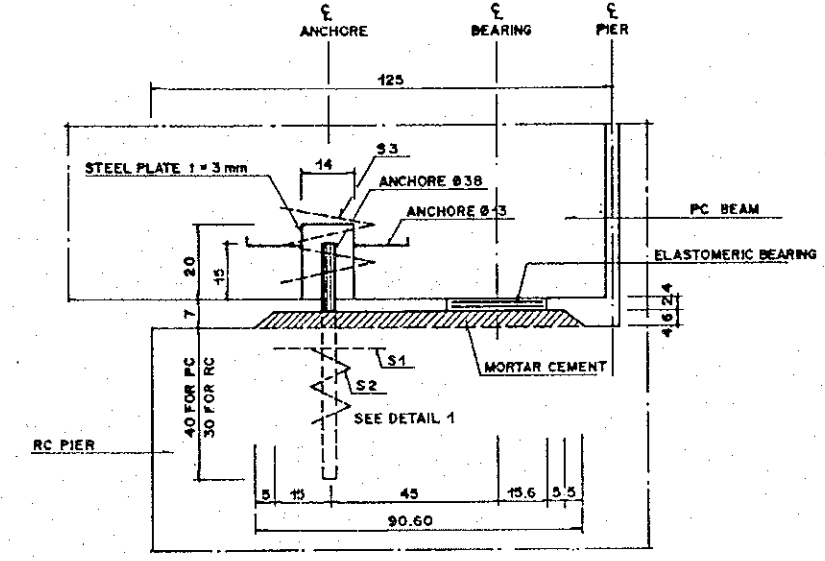
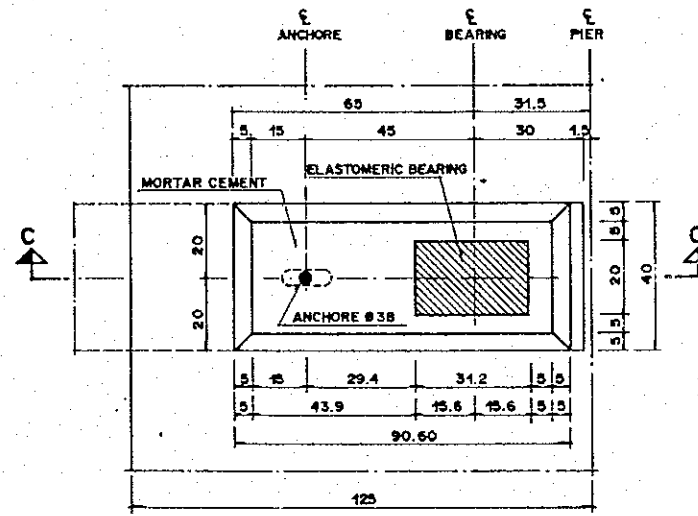
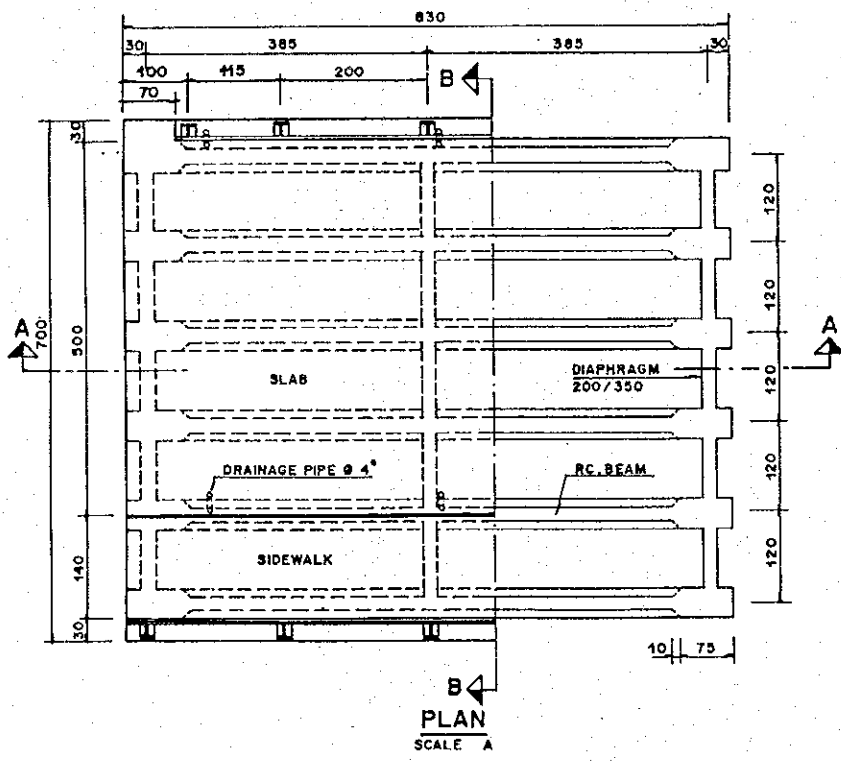
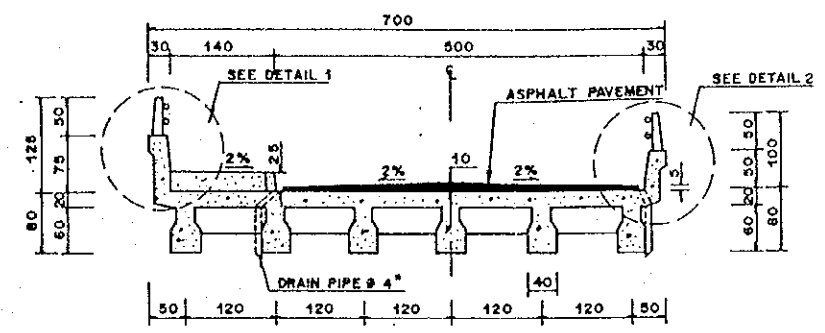
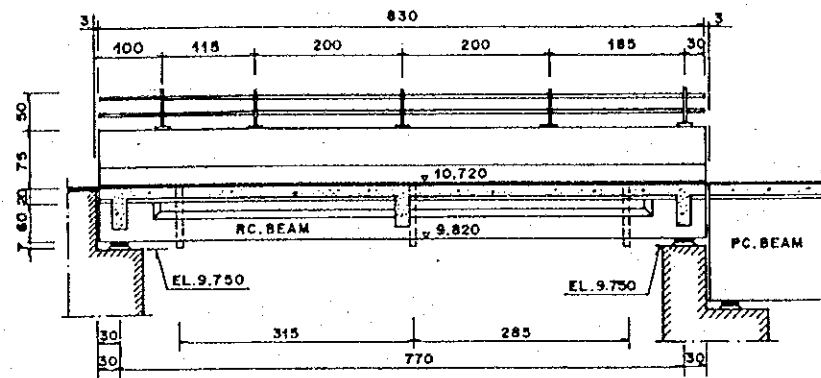
- NOTE :
1. UNIT IN CENTIMETER
 2. CONCRETE QUALITY FOR MAIN GIRDER AND DIAPHRAGM K-400
 3. CONCRETE QUALITY FOR SLAB AND SIDE WALK K-250
 4. ASPHALT PAVEMENT CONSISTS OF ASPHALT CONCRETE (AC) 1 = 50 mm AND ASPHALT TREATMENT BASE (ATB)



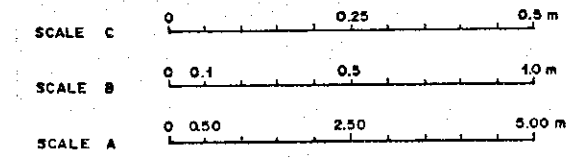
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

JAPAN INTERNATIONAL COOPERATION AGENCY

DWG. 6.4.24
SUPERSTRUCTURES OF MAINTENANCE BRIDGE (NO.2, 3, AND 4)



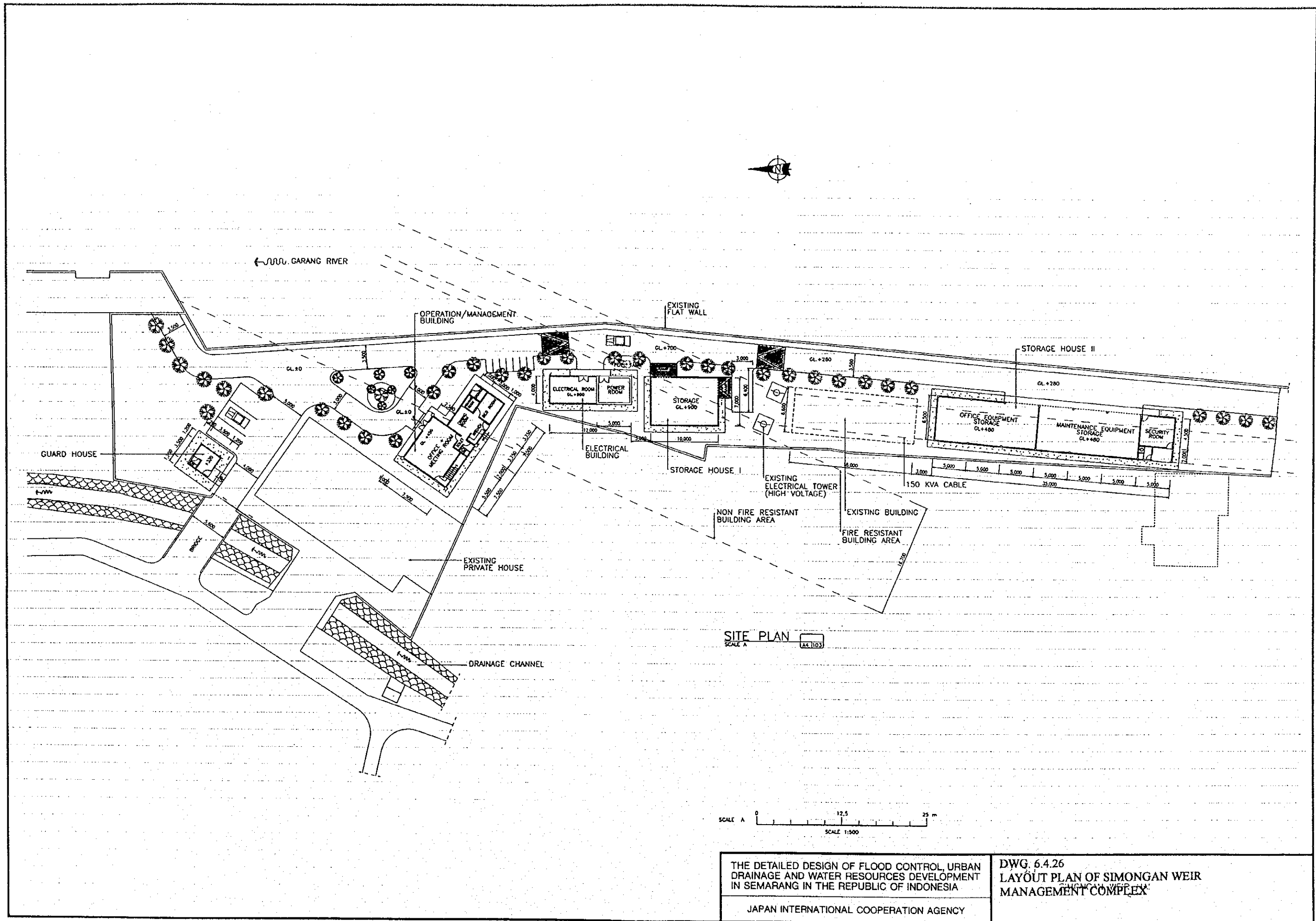
- NOTE:
1. UNIT IN CENTIMETER.
 2. CONCRETE QUALITY FOR BEAM AND DIAPHRAGM K-250.
 3. CONCRETE QUALITY FOR SLAB AND CURB K-250.
 4. ASPHALT PAVEMENT CONSISTS OF ASPHALT CONCRETE (AC) 1=50mm AND ASPHALT TREATMENT BASE (ATB).



THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

DWG. 6.4.25
SUPERSTRUCTURES OF MAINTENANCE BRIDGE (NO.1 AND 5)

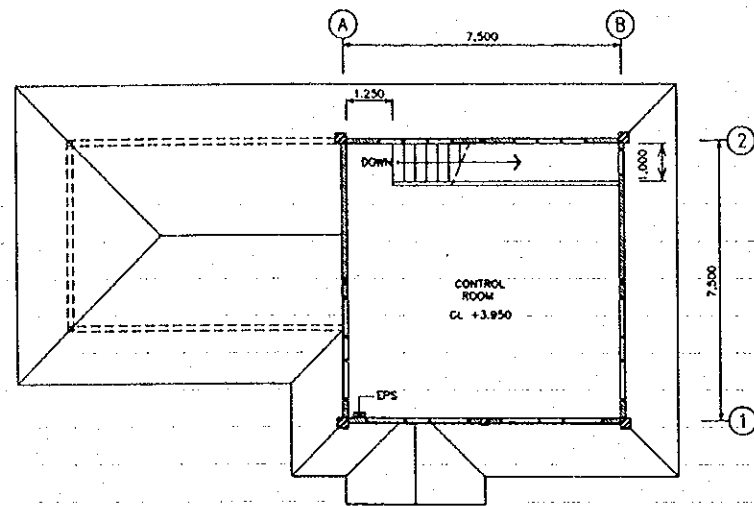
JAPAN INTERNATIONAL COOPERATION AGENCY



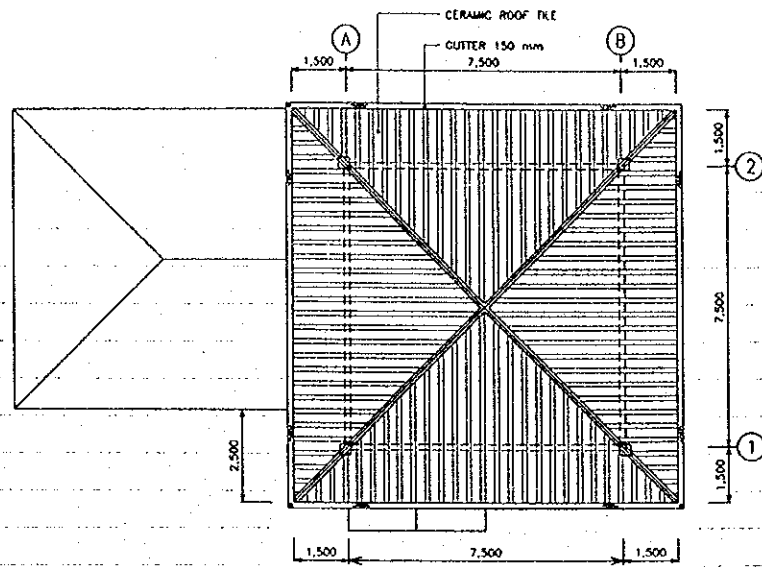
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

JAPAN INTERNATIONAL COOPERATION AGENCY

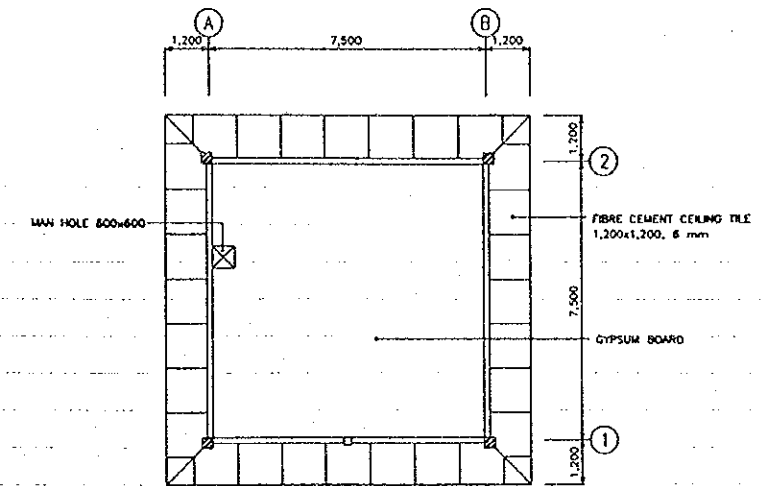
DWG. 6.4.26
LAYOUT PLAN OF SIMONGAN WEIR MANAGEMENT COMPLEX



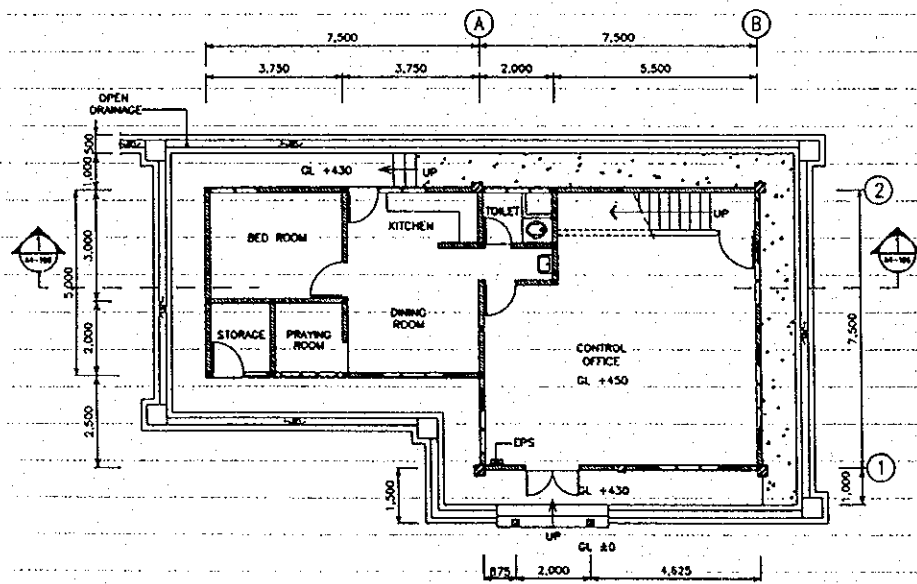
2nd FLOOR PLAN
SCALE A



ROOF PLAN
SCALE A

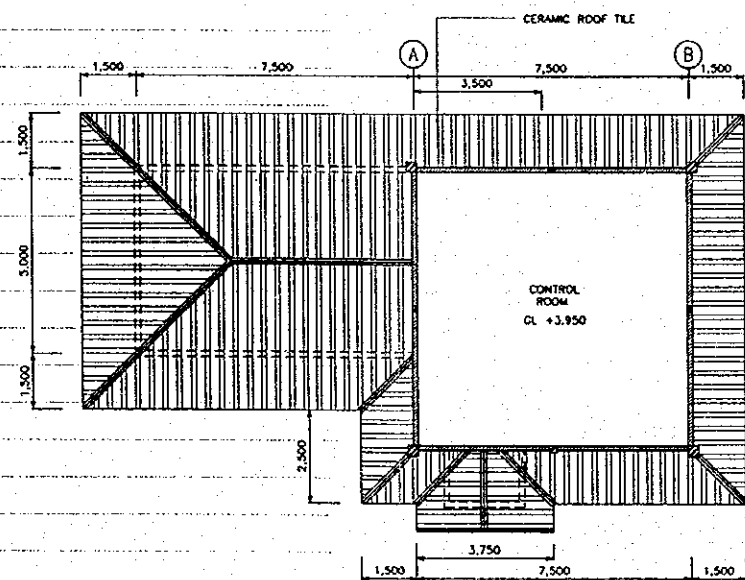


REFLECTED CEILING PLAN
SCALE A

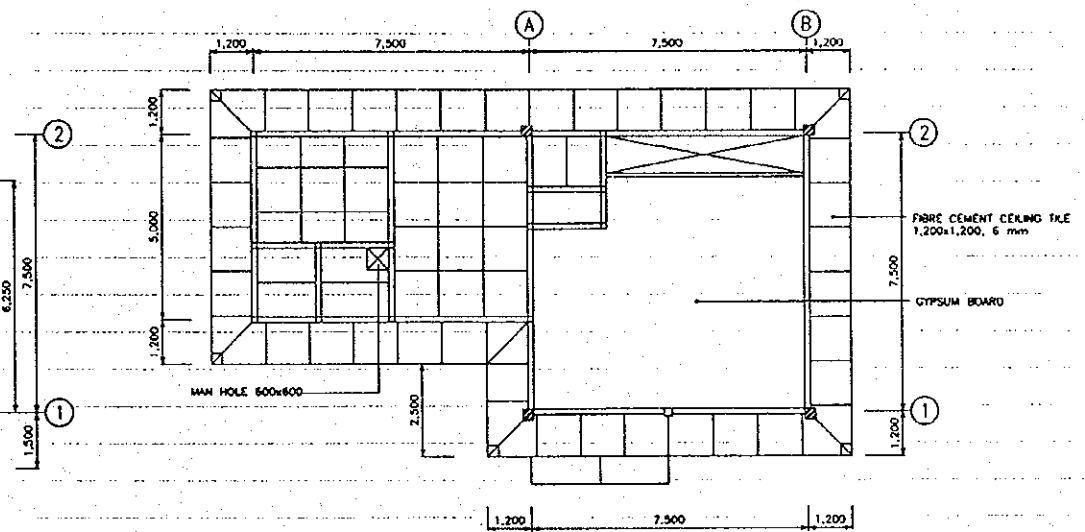


NOTE : EPS (Electrical Piping Space)

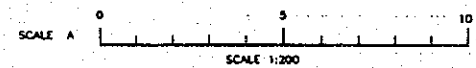
1st FLOOR PLAN
SCALE A



ROOF PLAN
SCALE A



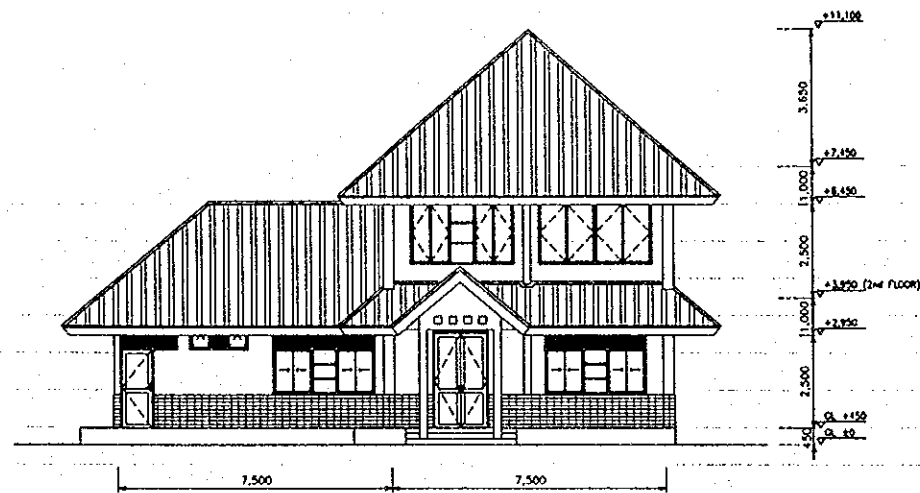
REFLECTED CEILING PLAN
SCALE A



THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

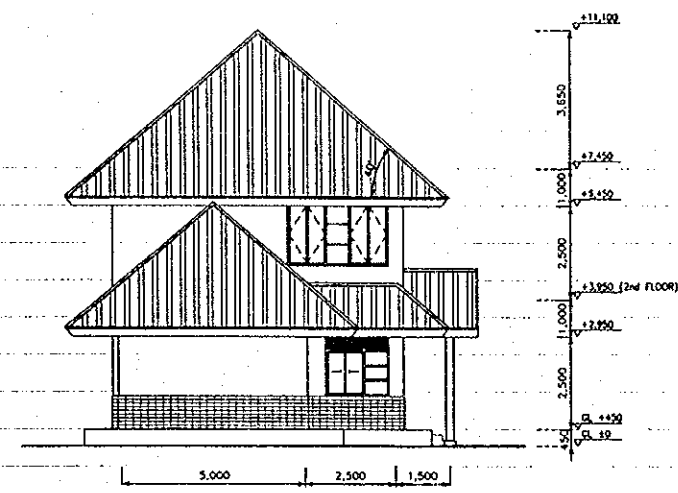
JAPAN INTERNATIONAL COOPERATION AGENCY

DWG: 6.4.27
PLAN OF OPERATION AND MANAGEMENT BUILDING



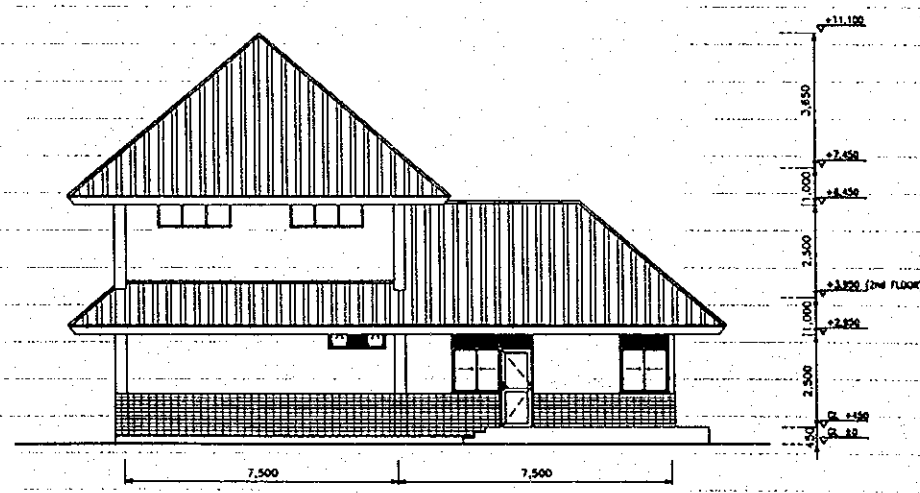
NORTH ELEVATION
SCALE A

A4 1103



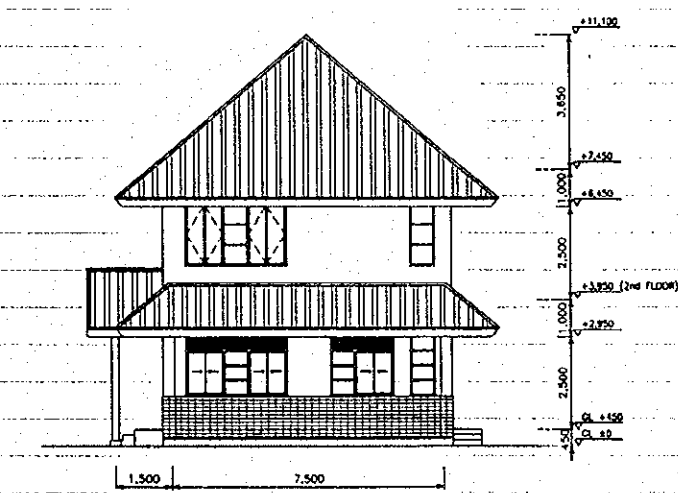
EAST ELEVATION
SCALE A

A4 1103



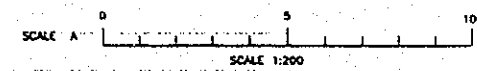
SOUTH ELEVATION
SCALE A

A4 1103



WEST ELEVATION
SCALE A

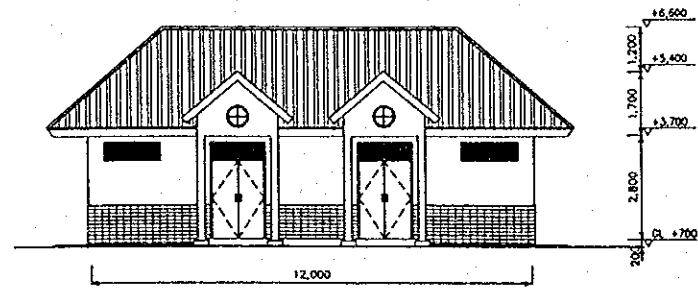
A4 1103



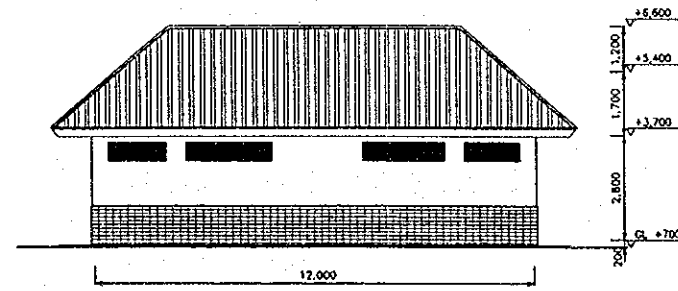
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN
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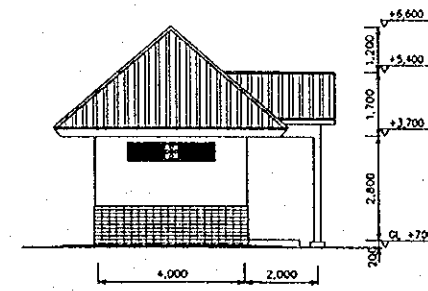
DWG. 3.4.28
ELEVATION OF OPERATION/MANAGEMENT
BUILDING



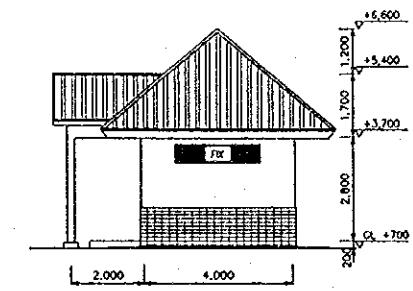
EAST ELEVATION
SCALE A A4/300



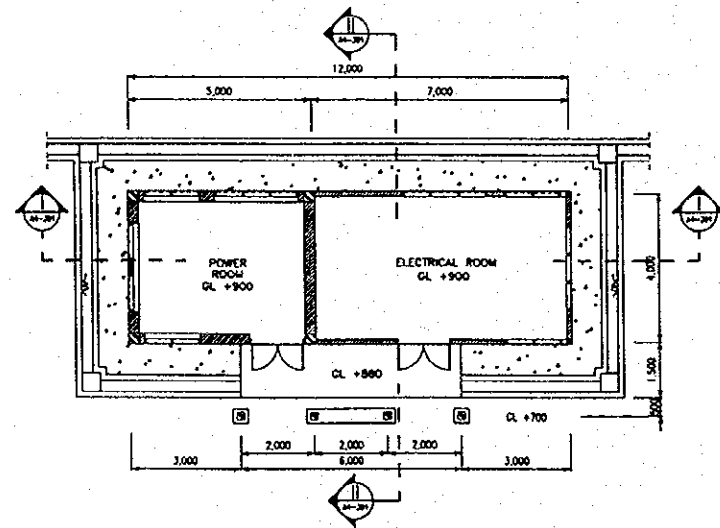
WEST ELEVATION
SCALE A A4/300



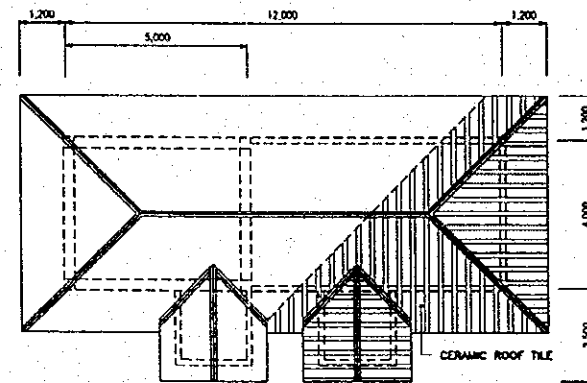
SOUTH ELEVATION
SCALE A A4/300



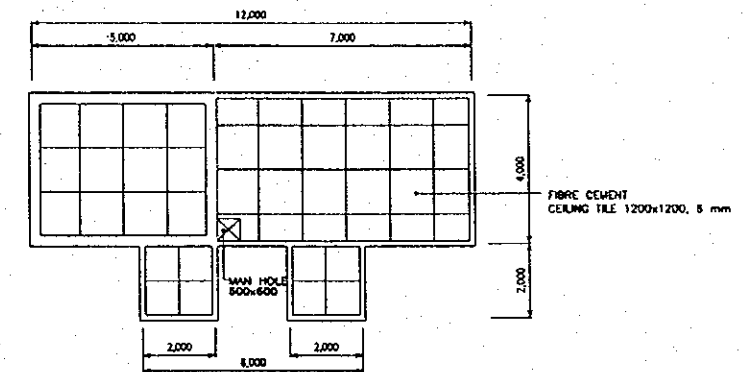
NORTH ELEVATION
SCALE A A4/300



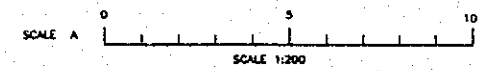
FLOOR PLAN
SCALE A A4/300



ROOF PLAN
SCALE A A4/300



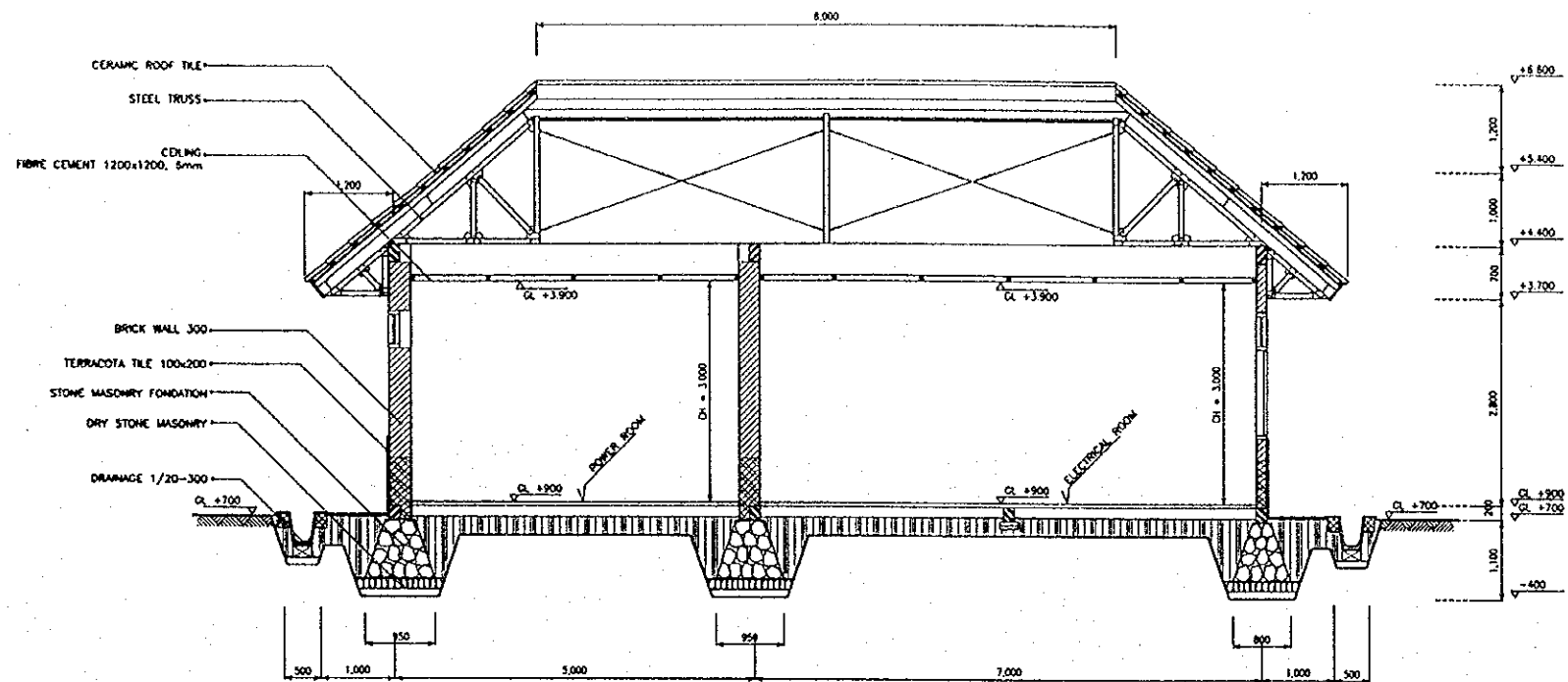
REFLECTED CEILING PLAN
SCALE A A4/300



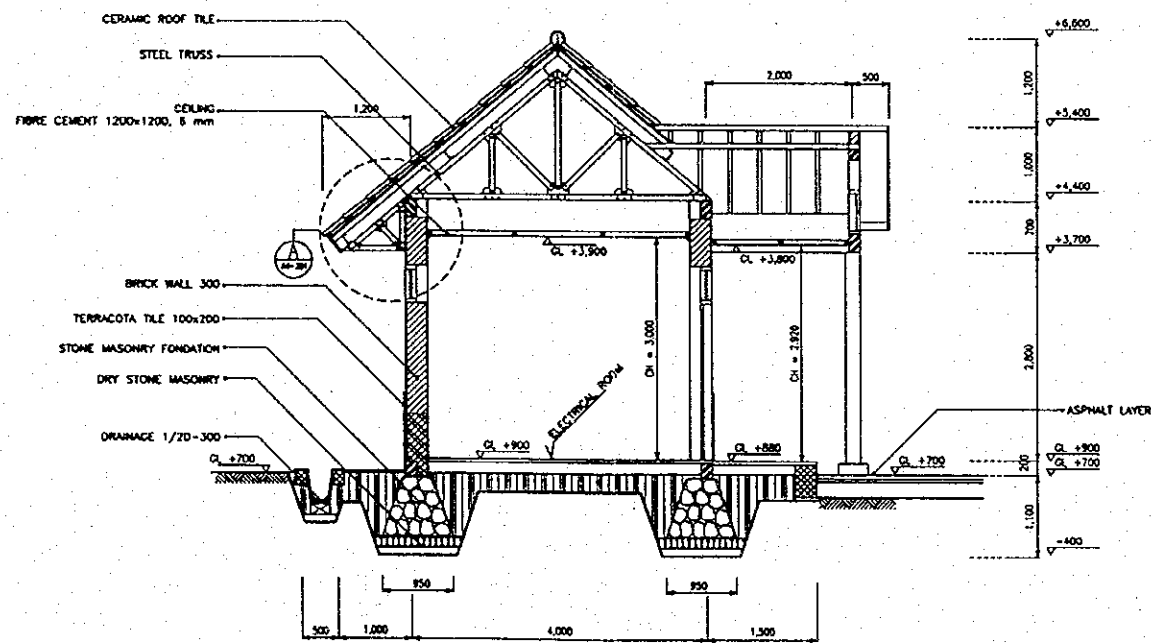
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN
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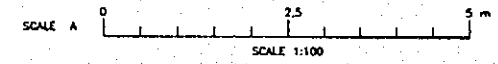
DWG. 6.4.29
PLAN OF ELECTRICAL BUILDING



SECTION I-I
SCALE A

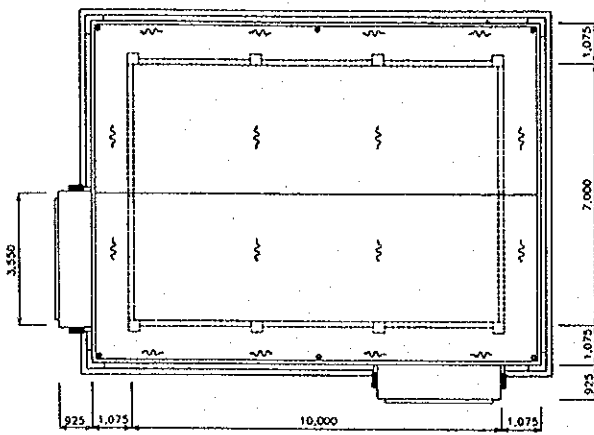


SECTION II-II
SCALE A

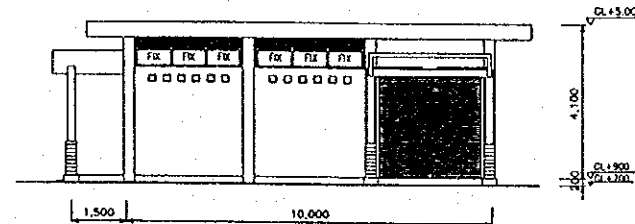


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
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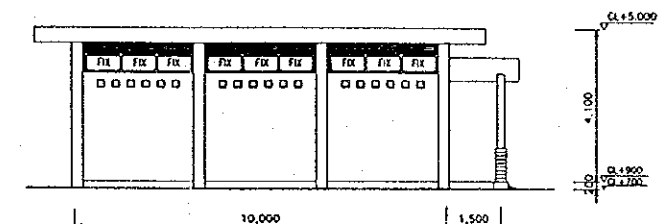
DWG. 6.4.30
STANDARD CROSS SECTION OF ELECTRICAL BUILDING



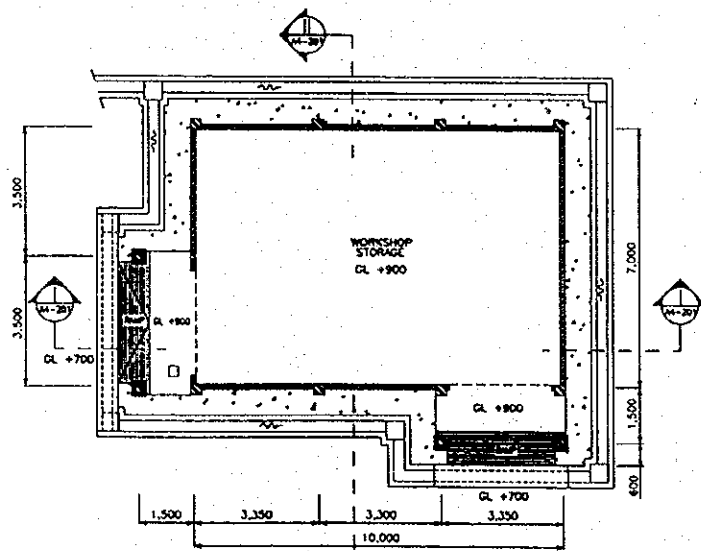
ROOF PLAN
SCALE A A4|200



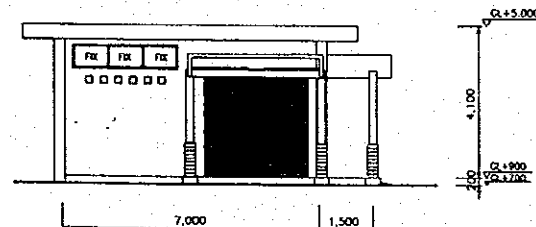
EAST ELEVATION
SCALE A A4|200



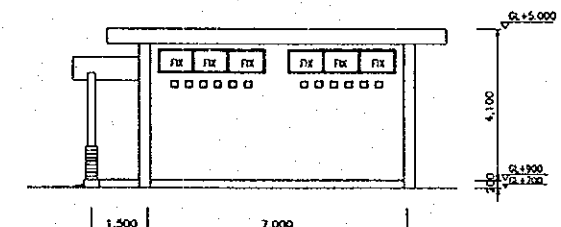
WEST ELEVATION
SCALE A A4|200



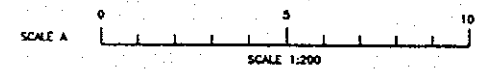
FLOOR PLAN
SCALE A A4|200



SOUTH ELEVATION
SCALE A A4|200

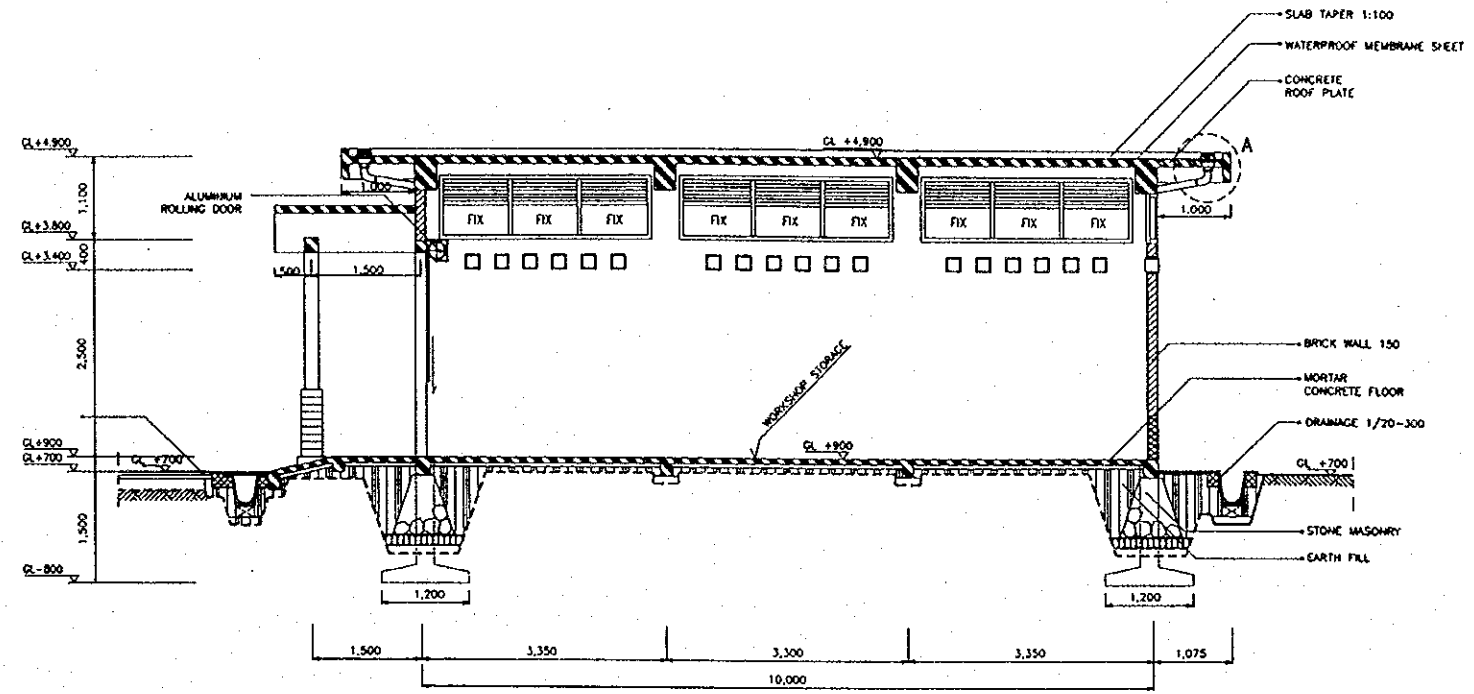


NORTH ELEVATION
SCALE A A4|200

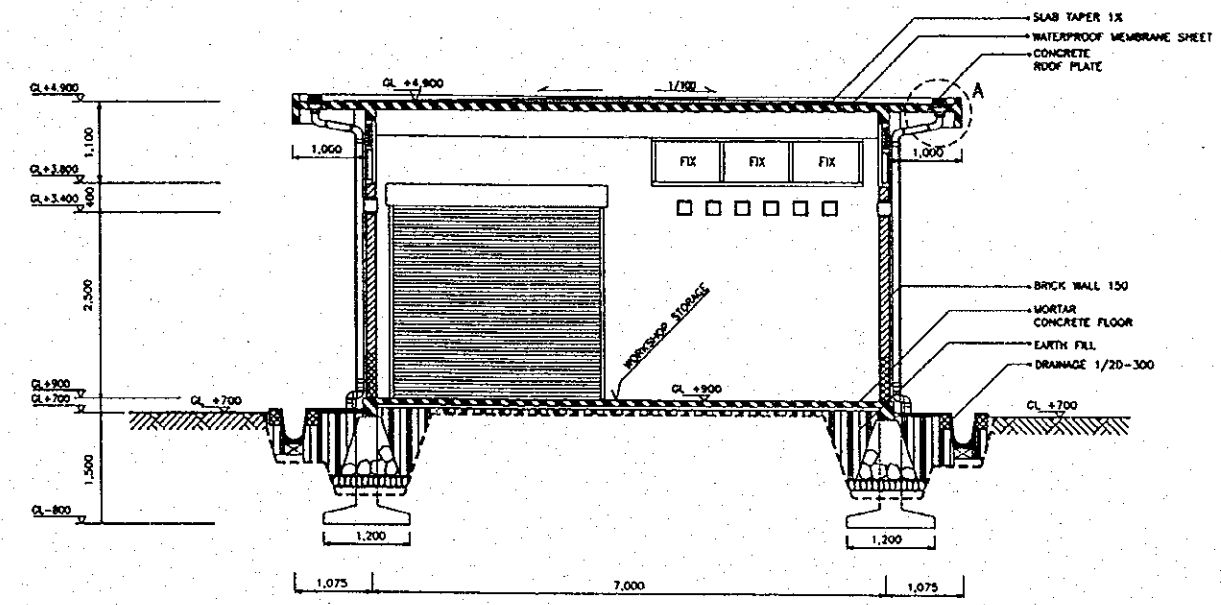


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN
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IN SEMARANG IN THE REPUBLIC OF INDONESIA
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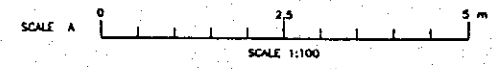
DWG. 3.4.31
PLAN AND ELEVATION OF STORAGE HOUSE I



SECTION I-I
SCALE A

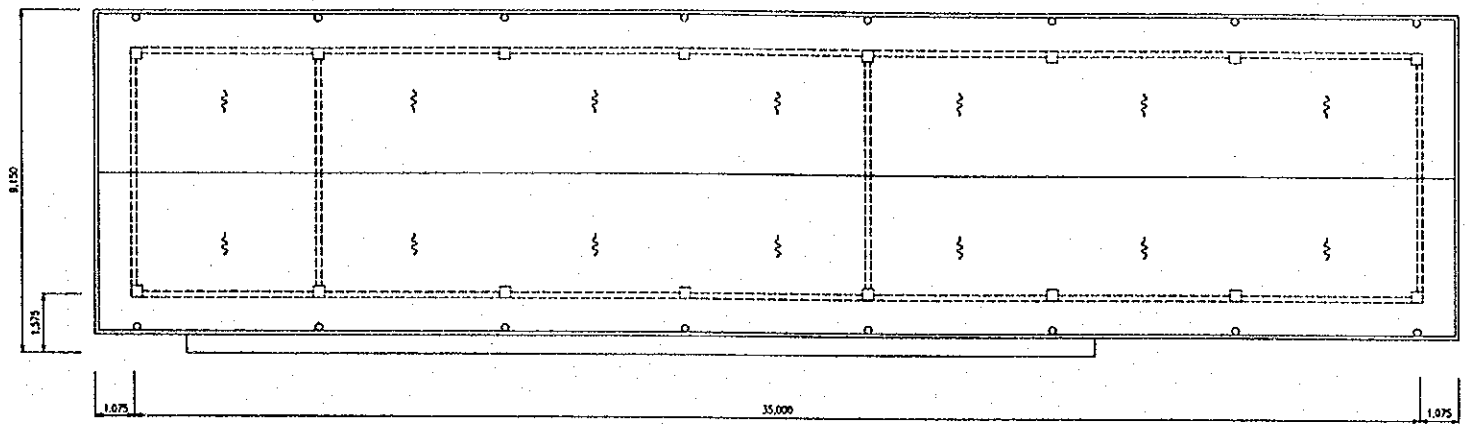


SECTION II-II
SCALE A

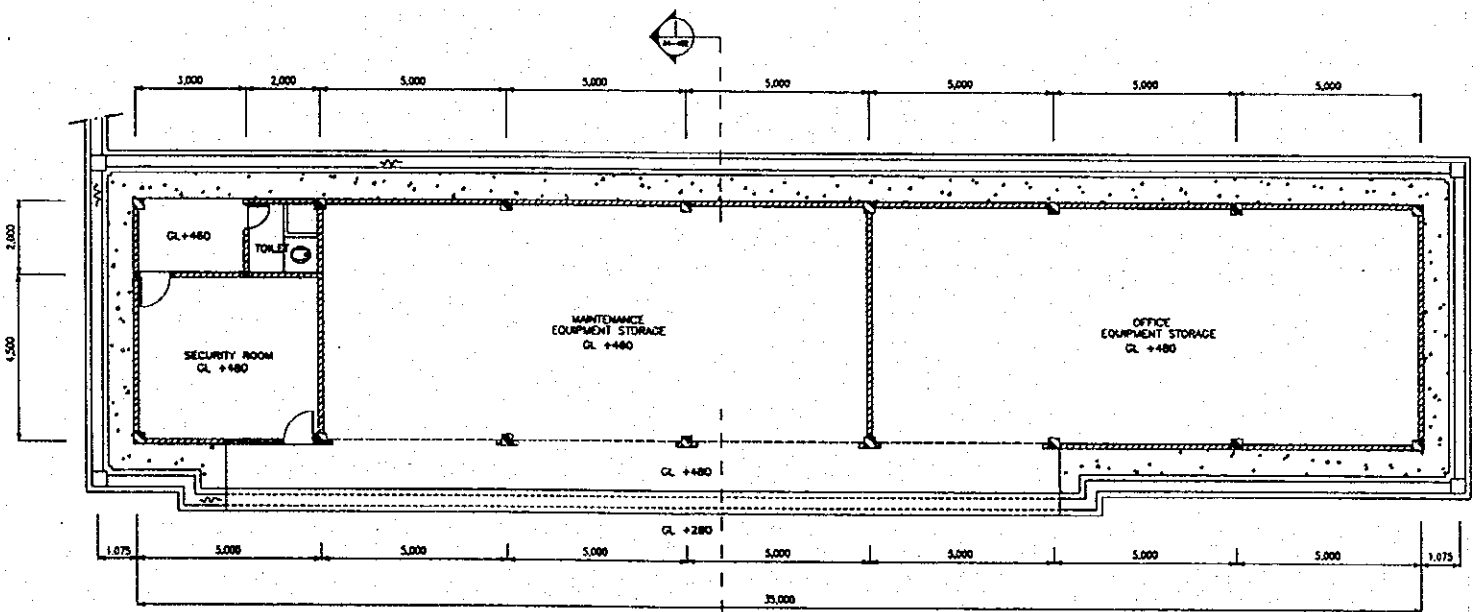


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
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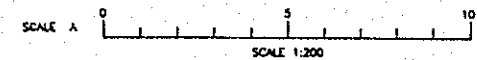
DWG. 6.4.32
CROSS SECTION OF STORAGE HOUSE I



ROOF PLAN
SCALE A A1/400



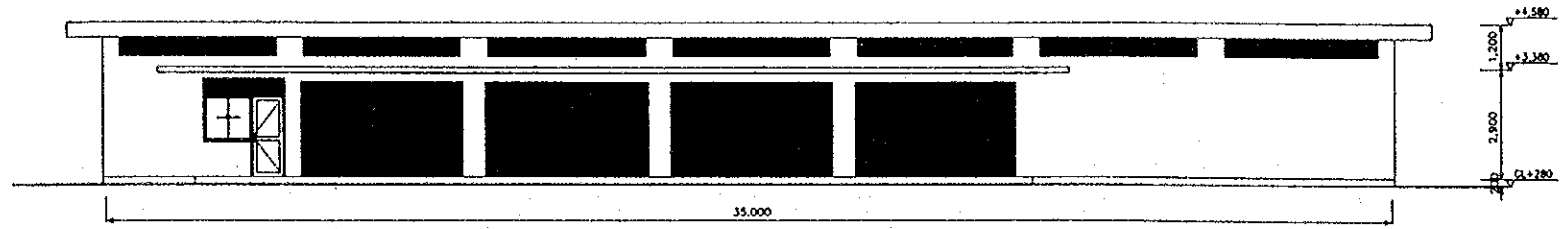
FLOOR PLAN
SCALE A A1/400



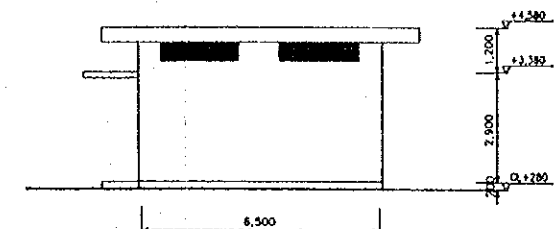
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN
DRAINAGE AND WATER RESOURCES DEVELOPMENT
IN SEMARANG IN THE REPUBLIC OF INDONESIA

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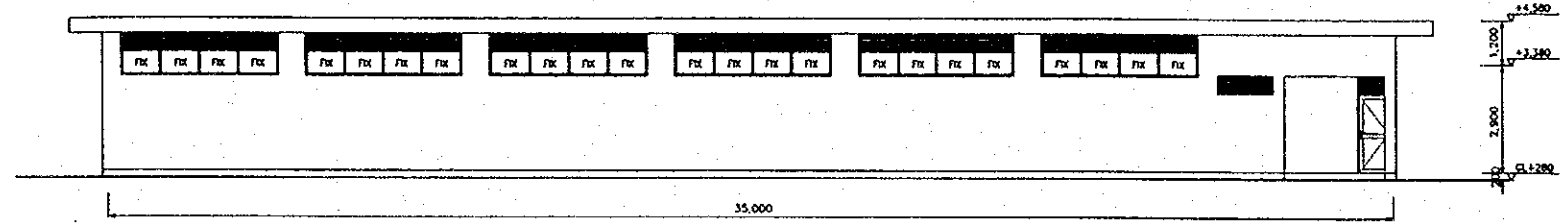
DWG: 8.4.33
PLAN OF STORAGE HOUSE II



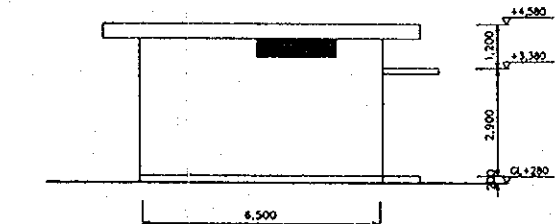
EAST ELEVATION
SCALE A



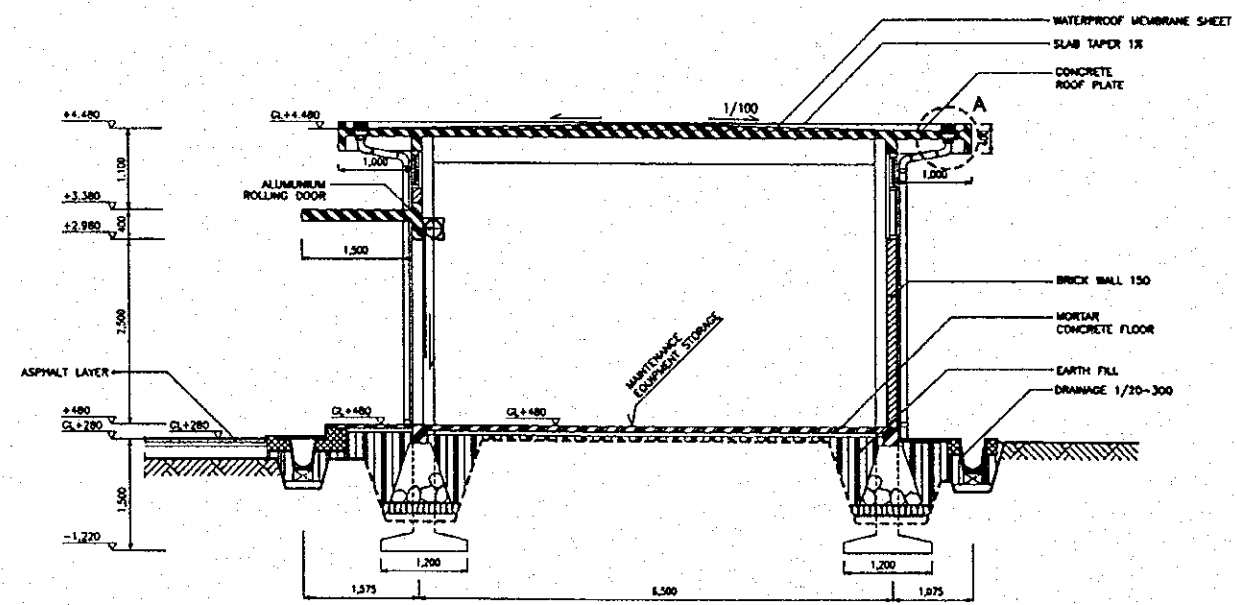
NORTH ELEVATION
SCALE A



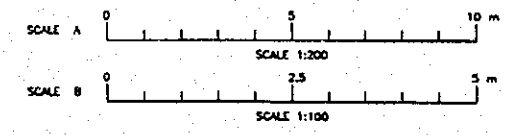
WEST ELEVATION
SCALE A



SOUTH ELEVATION
SCALE A



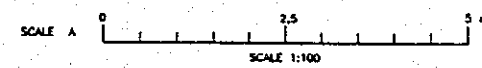
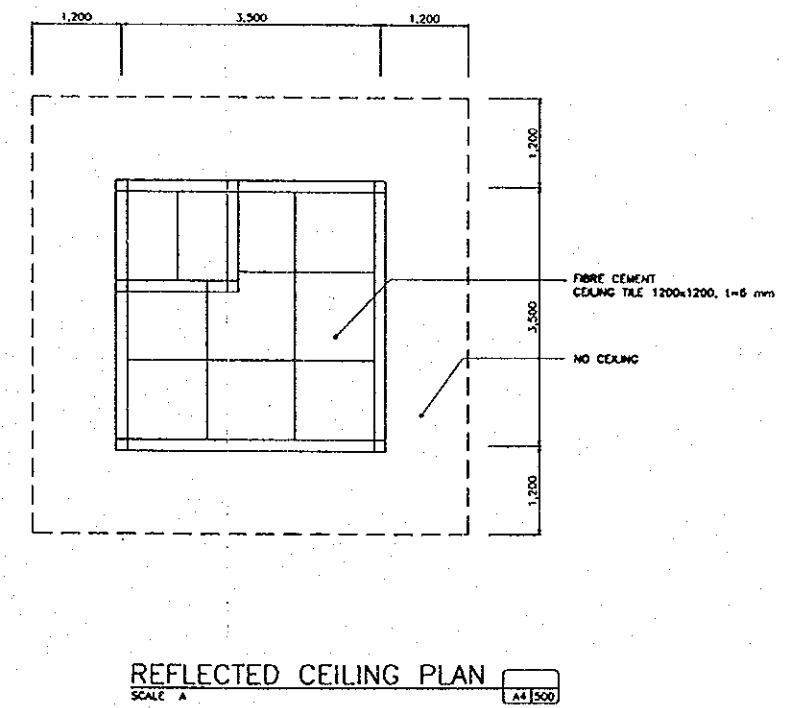
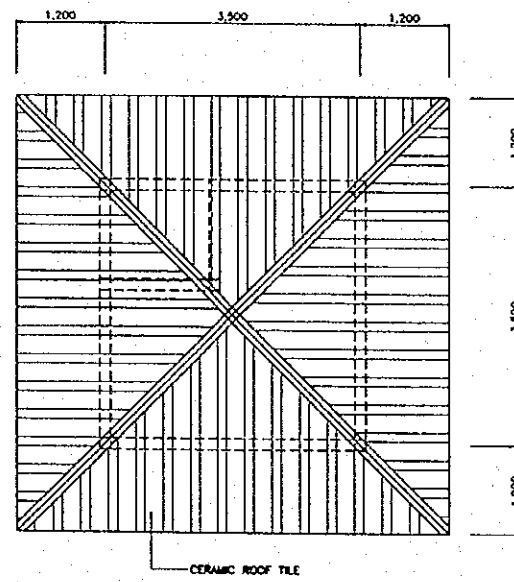
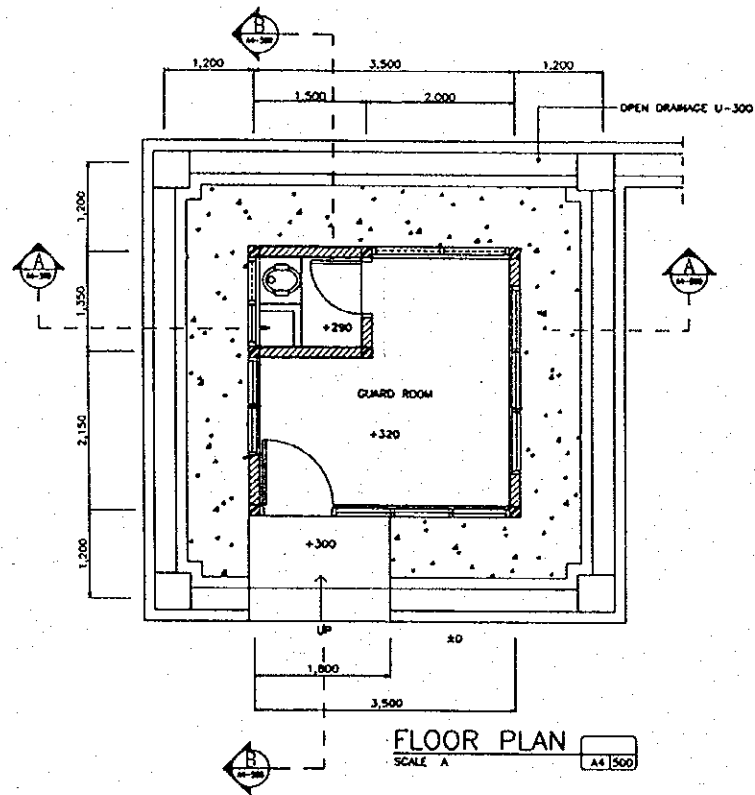
SECTION I - I
SCALE B



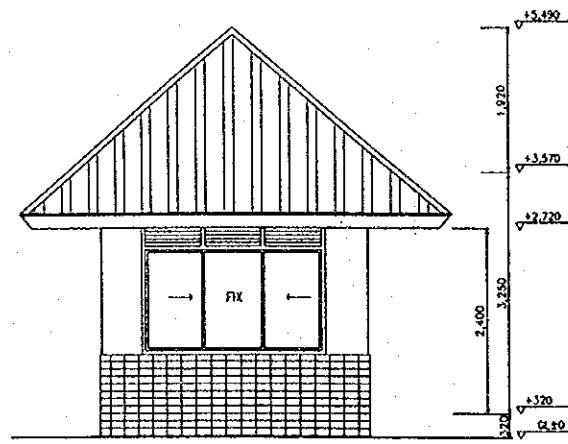
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

JAPAN INTERNATIONAL COOPERATION AGENCY

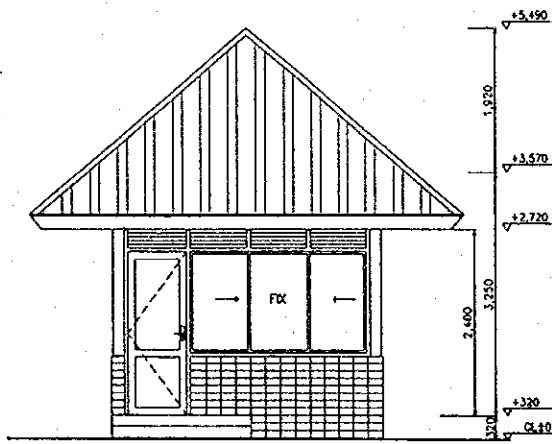
DWG. 6.4.34
ELEVATION AND CROSS SECTION OF STORAGE HOUSE II



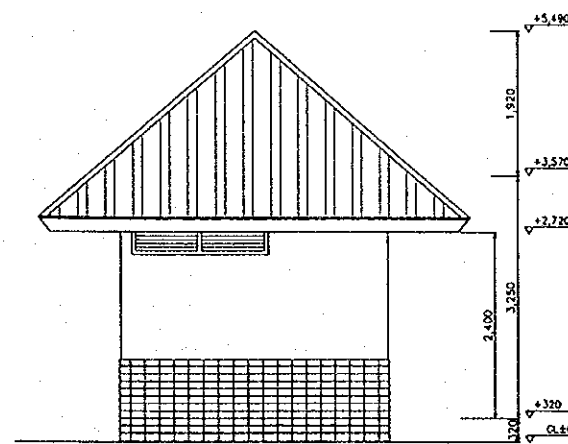
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA	DWG. 6.4.35 PLAN OF GUARD HOUSE
JAPAN INTERNATIONAL COOPERATION AGENCY	



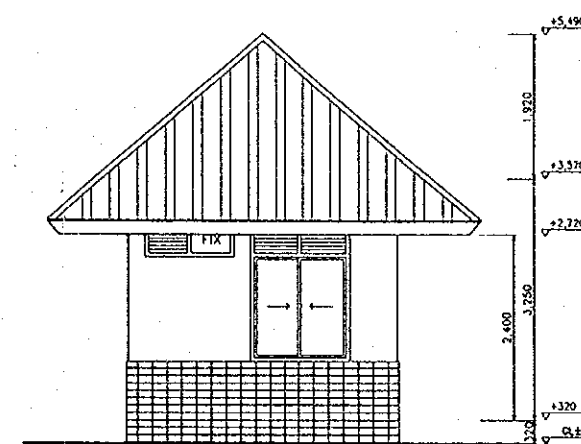
EAST ELEVATION
SCALE A A4 1/500



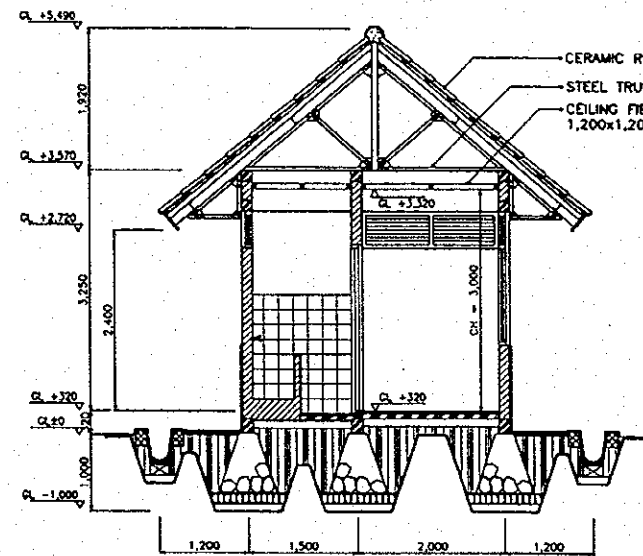
SOUTH ELEVATION
SCALE A A4 1/500



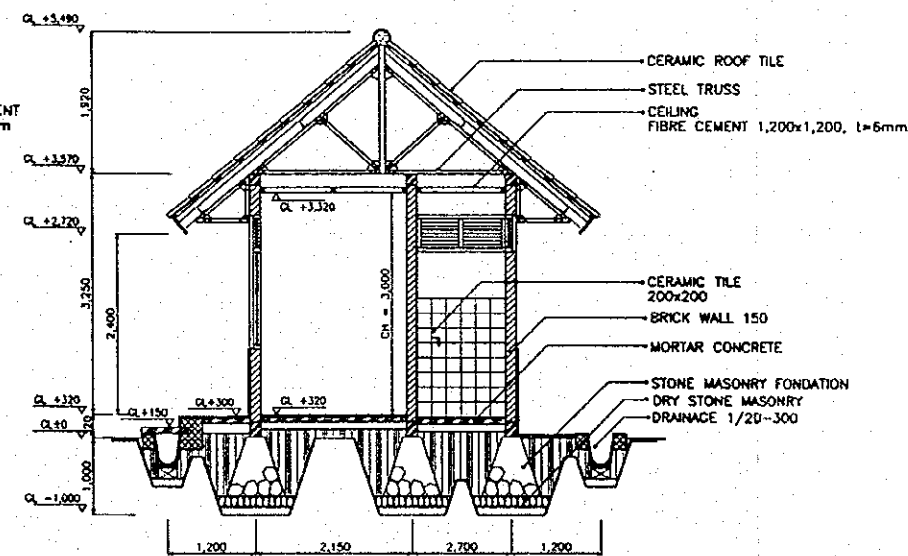
NORTH ELEVATION
SCALE A A4 1/500



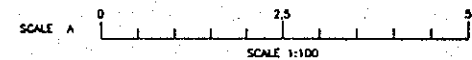
WEST ELEVATION
SCALE A A4 1/500



SECTION A-A
SCALE A A4 1/500

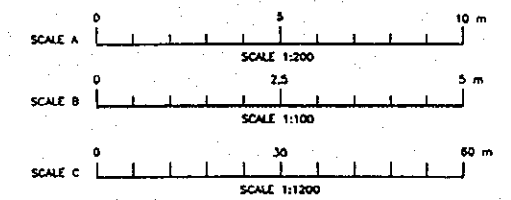
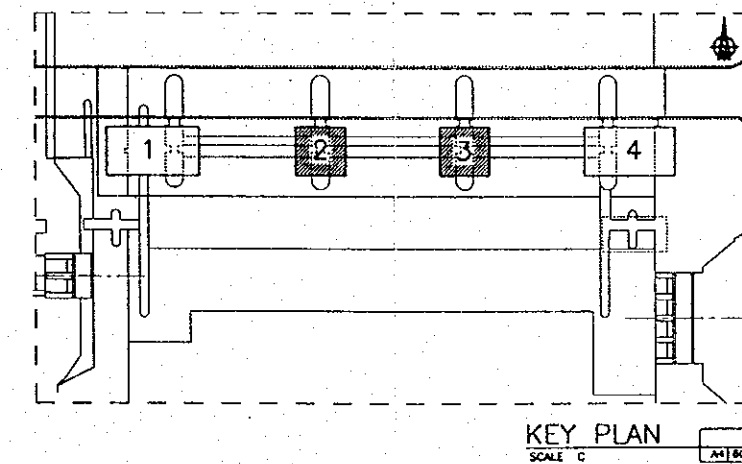
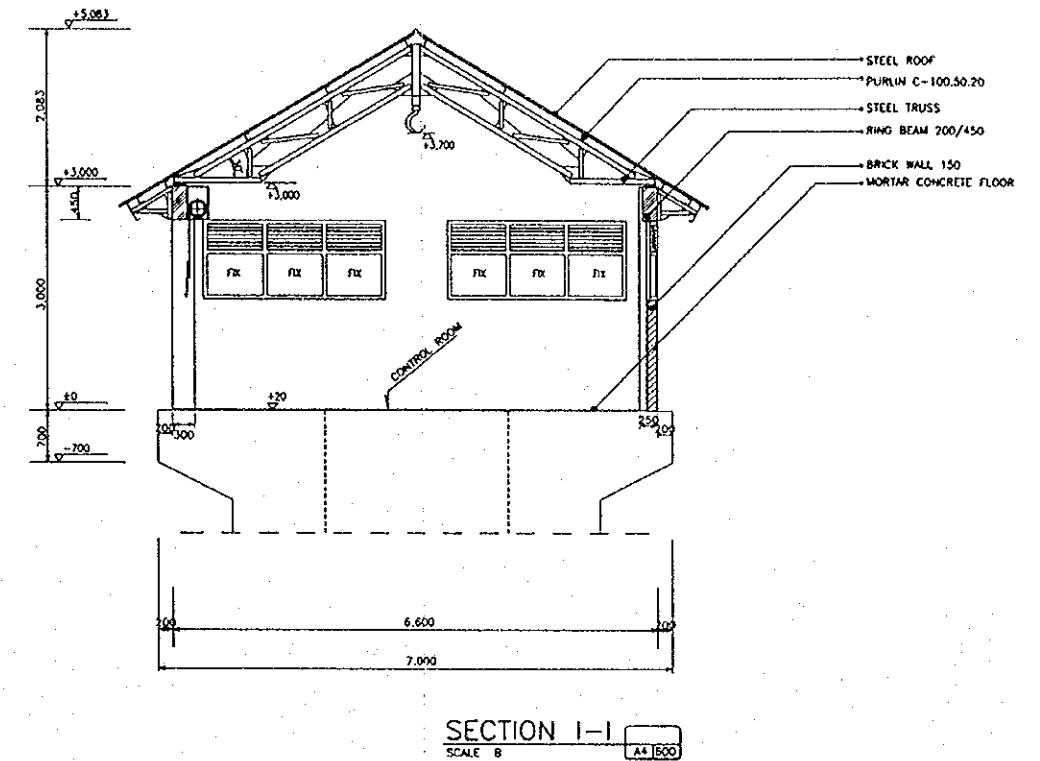
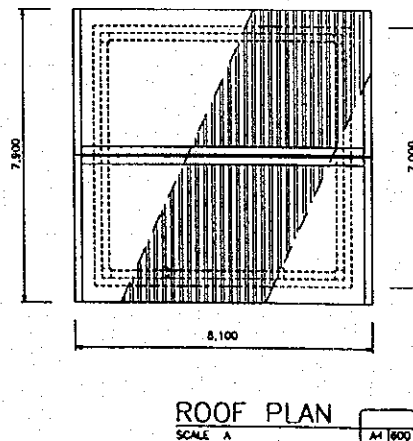
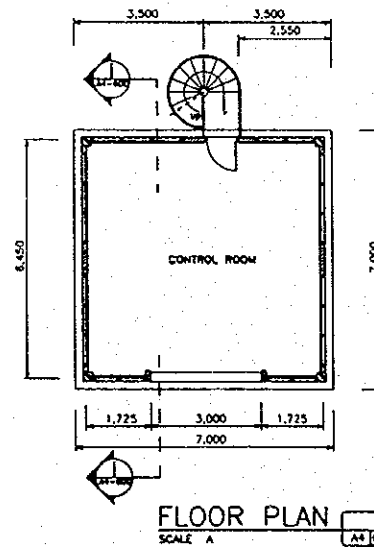
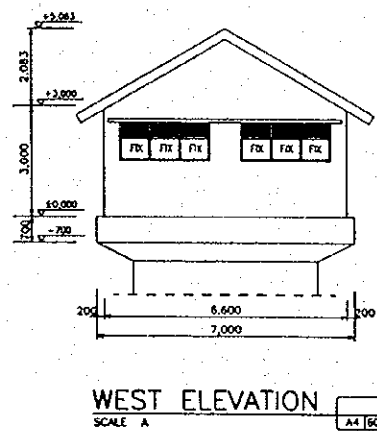
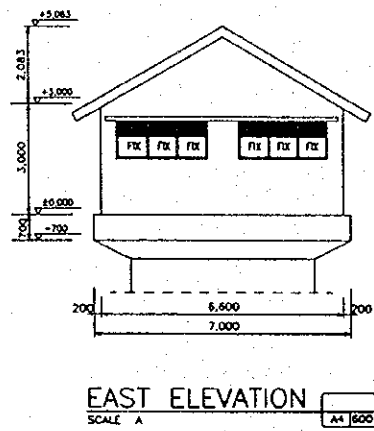
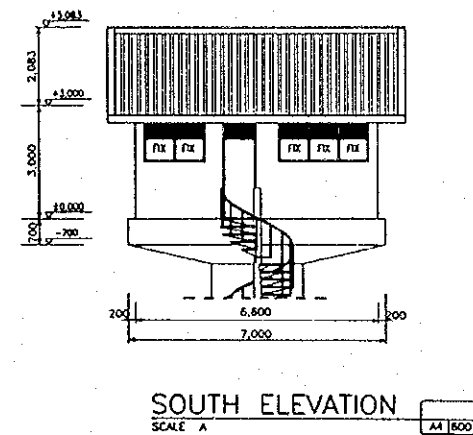
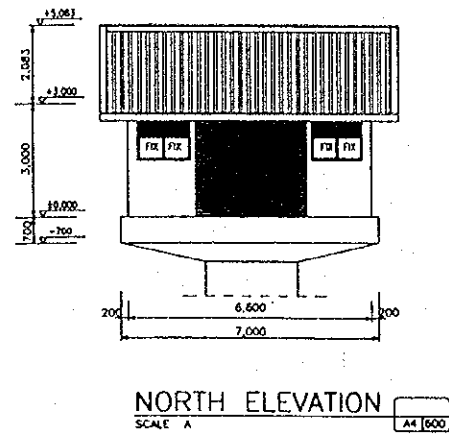


SECTION B-B
SCALE A A4 1/500



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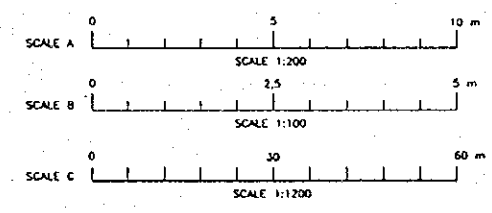
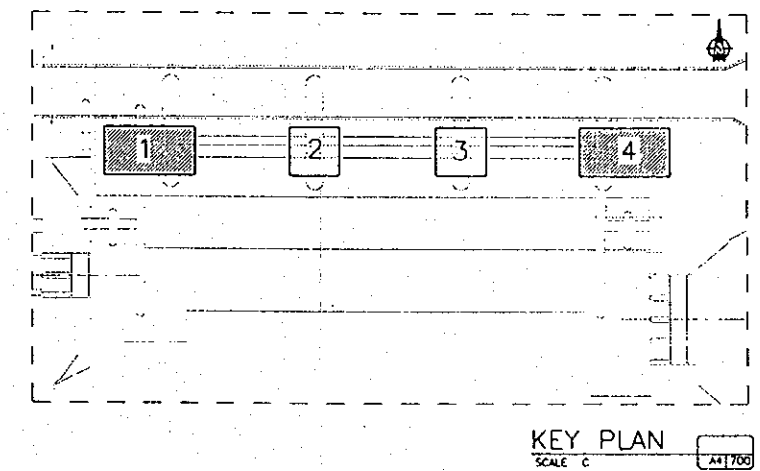
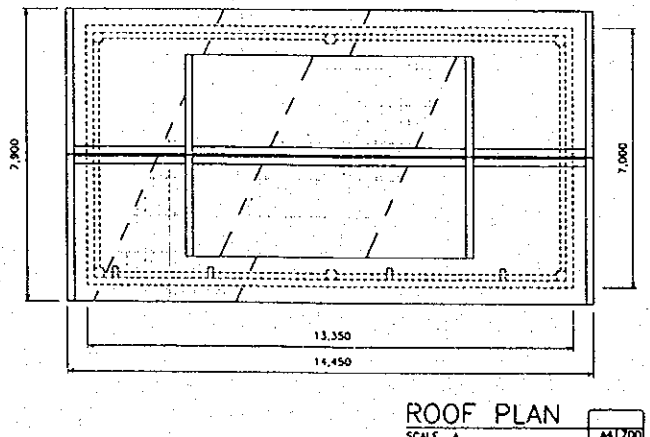
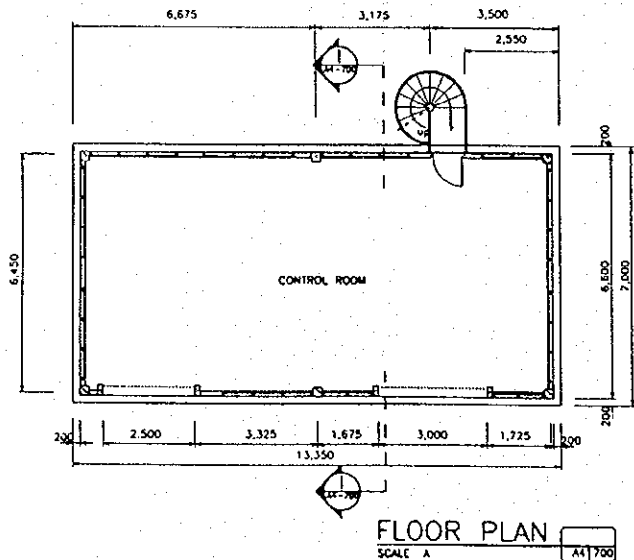
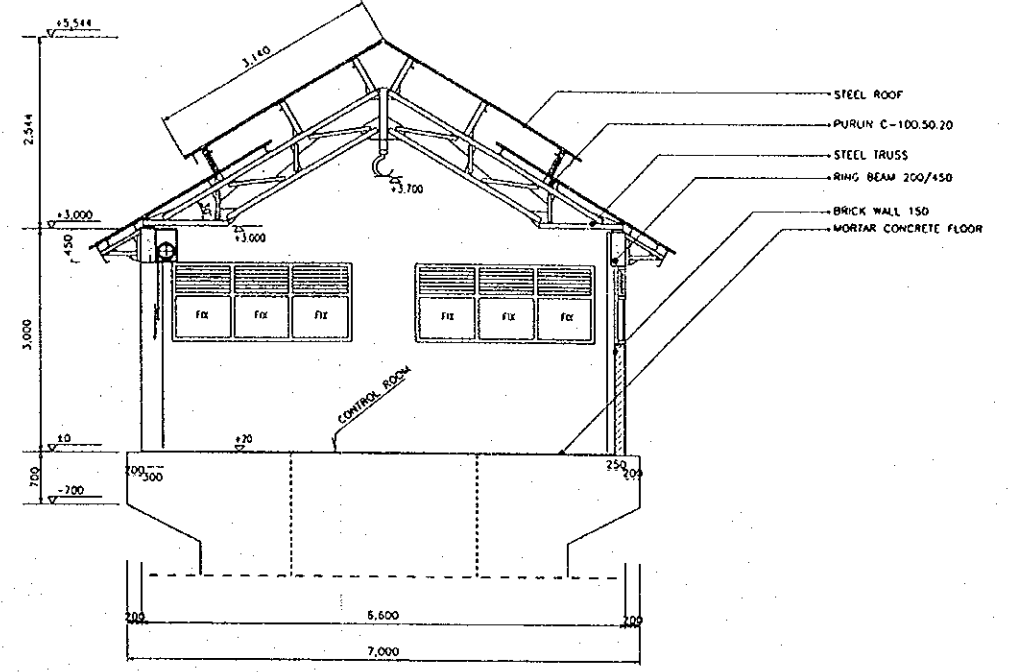
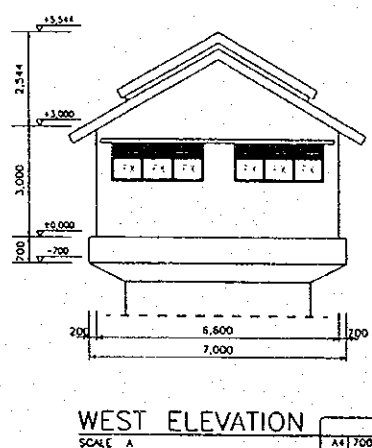
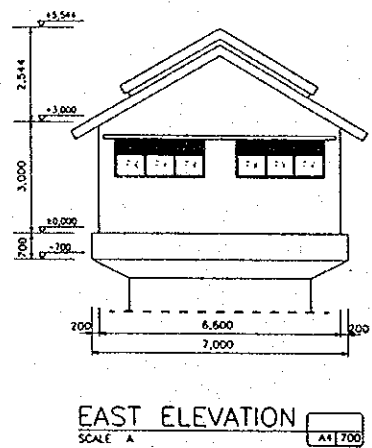
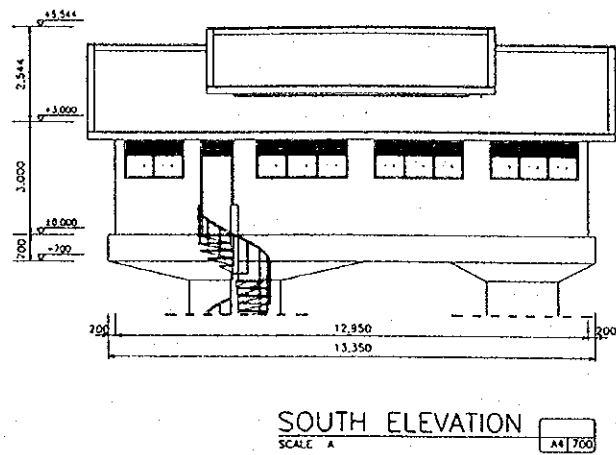
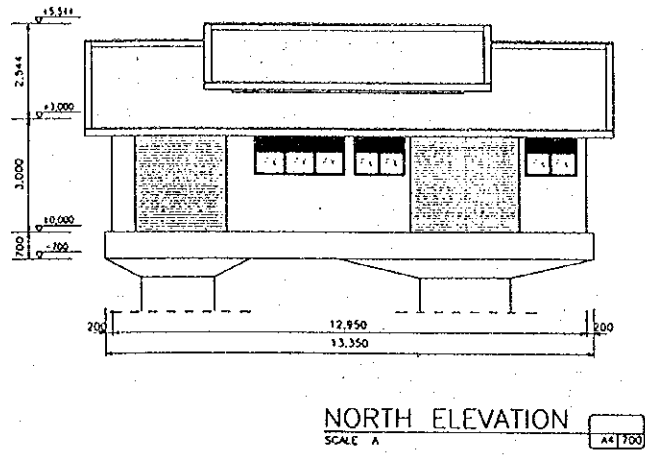
DWG. 624.36
ELEVATION AND CROSS SECTION OF GUARD
HOUSE



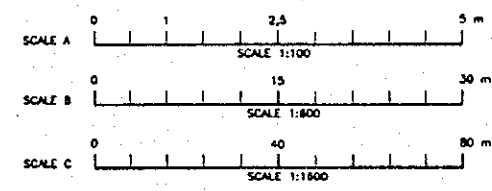
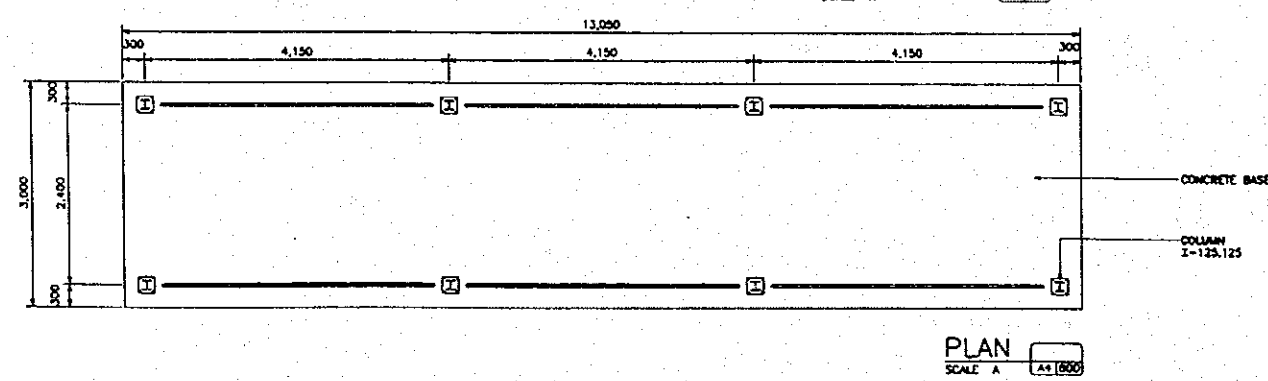
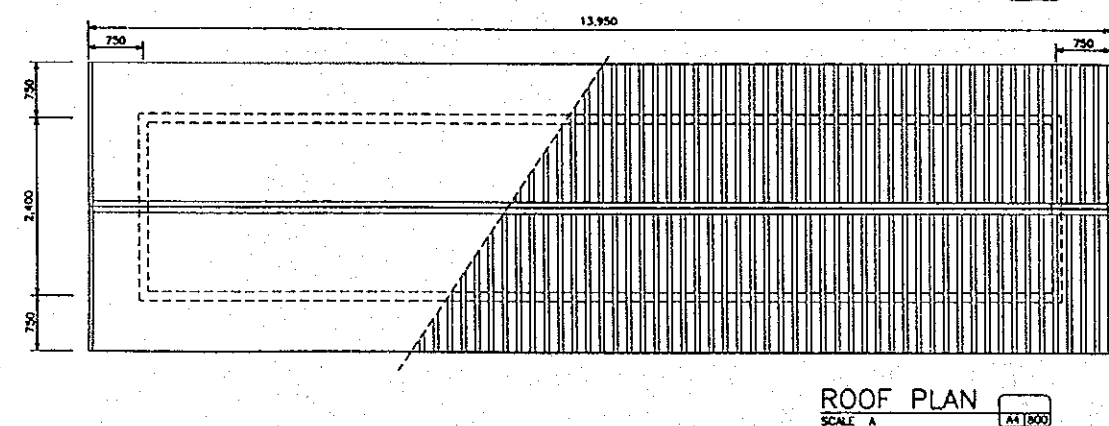
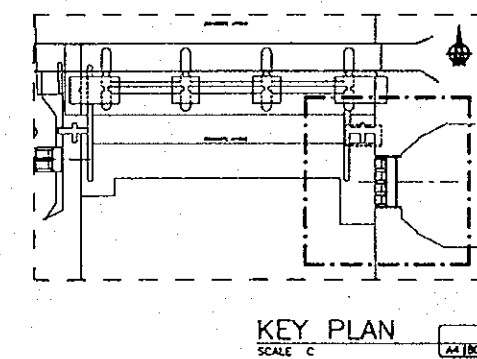
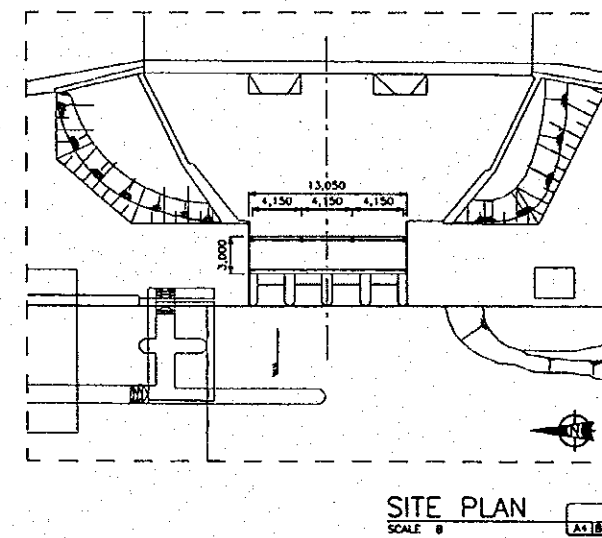
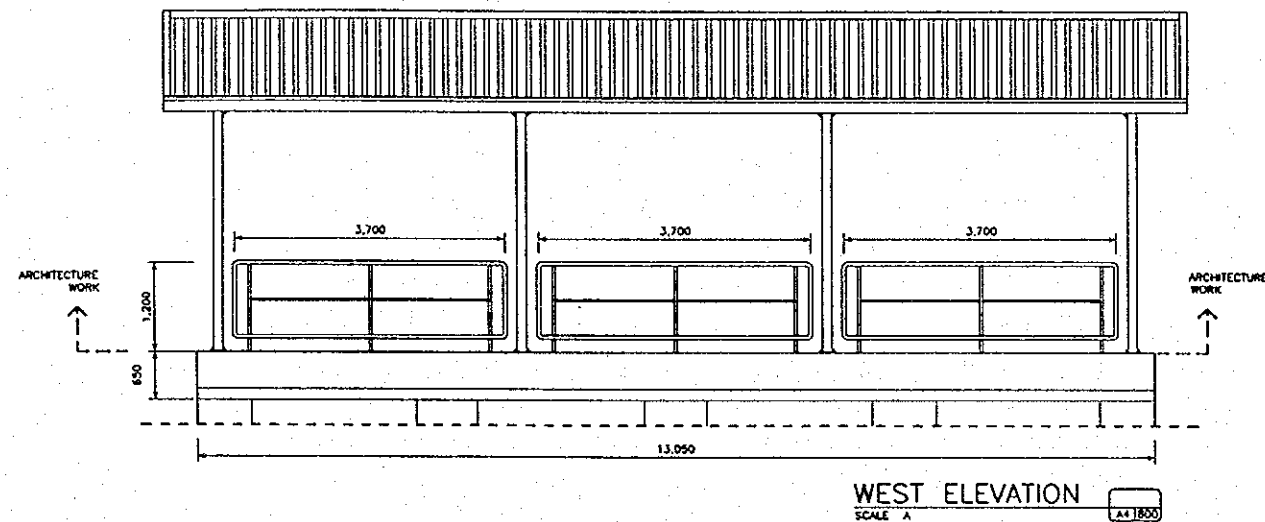
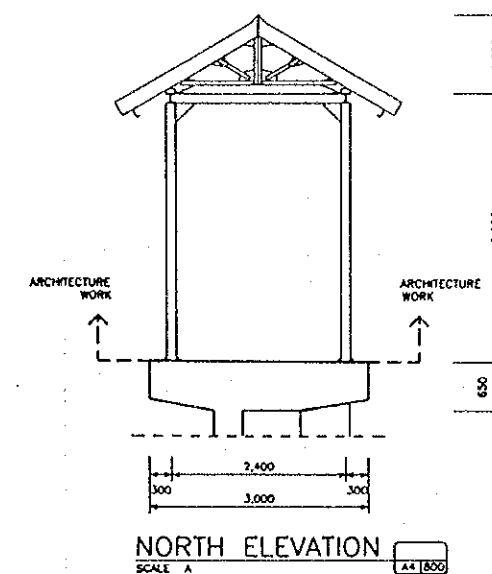
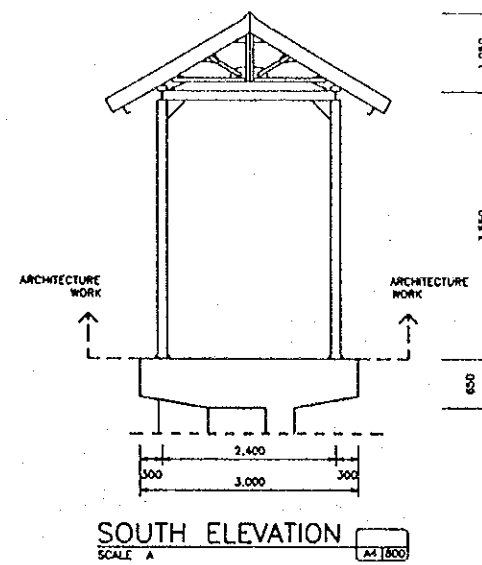
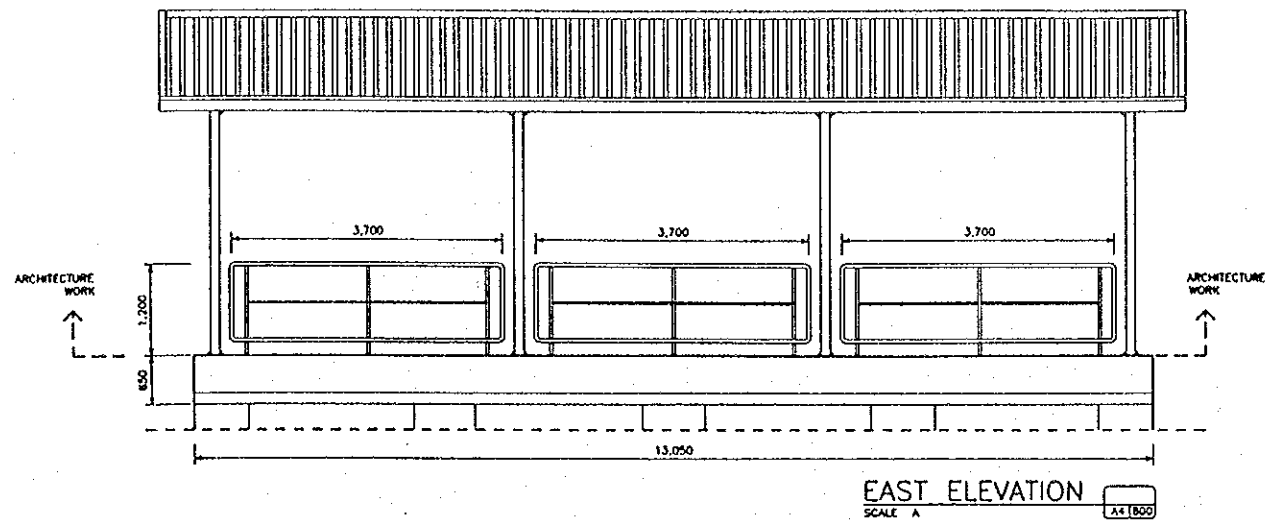
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

JAPAN INTERNATIONAL COOPERATION AGENCY

DWG. 6.4.37
PROFILE OF CONTROL HOUSE I

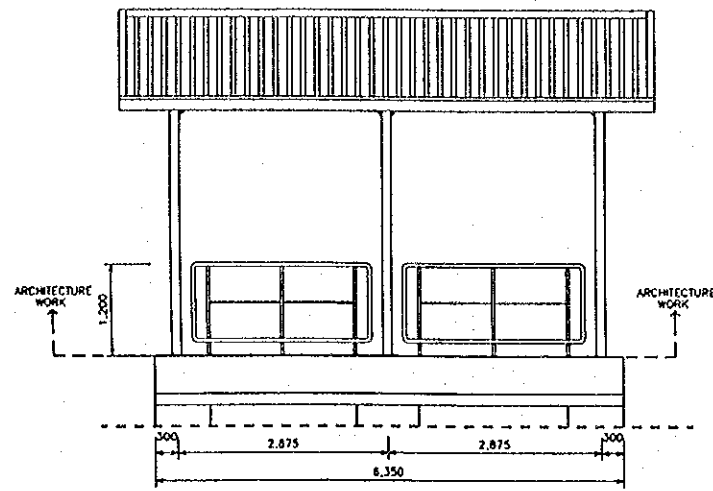


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DWG: 6:4.38
 PROFILE OF CONTROL HOUSE II
 JAPAN INTERNATIONAL COOPERATION AGENCY

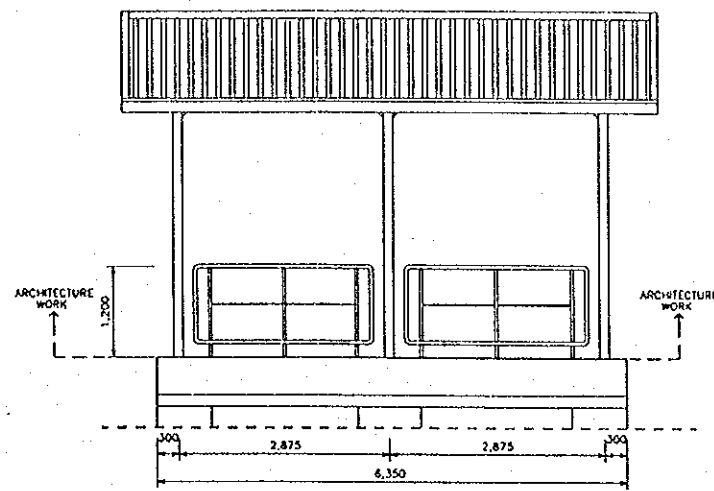


THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY

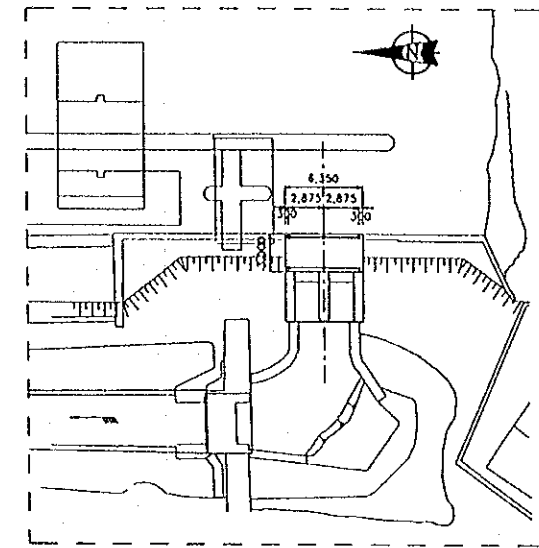
DWG. 6.4.39
PROFILE OF GATE SHED FOR RIGHT BANK INTAKE STRUCTURE



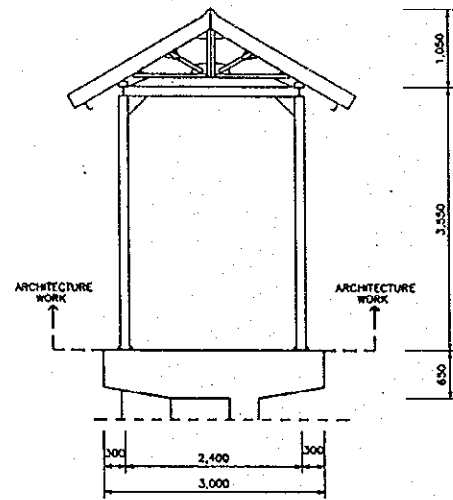
WEST ELEVATION
SCALE A A4 1900



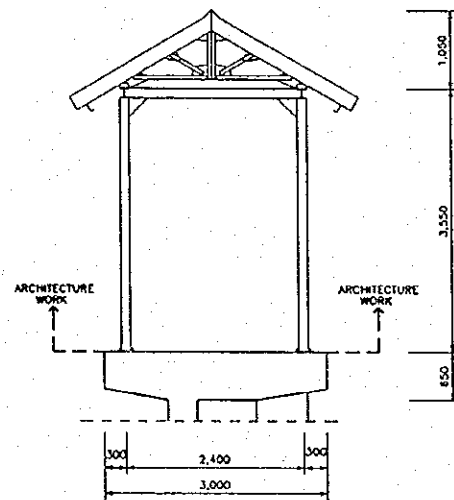
EAST ELEVATION
SCALE A A4 1900



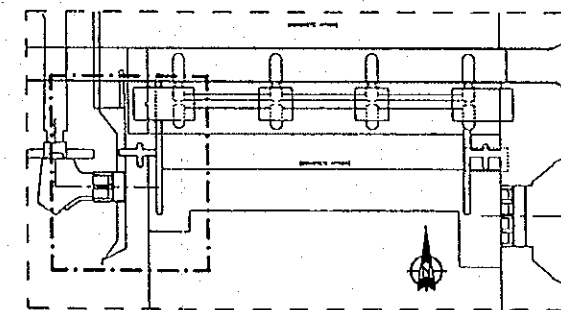
SITE PLAN
SCALE B A4 1900



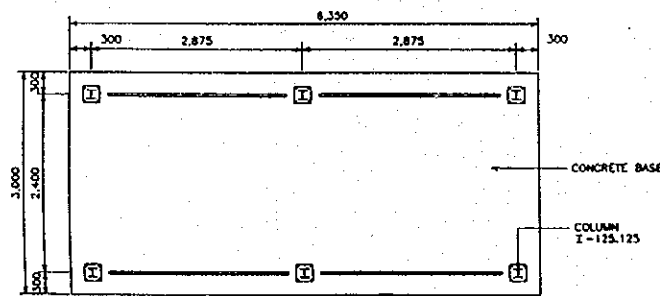
SOUTH ELEVATION
SCALE A A4 1900



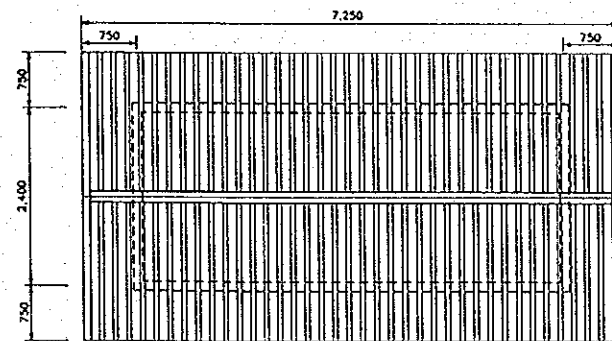
NORTH ELEVATION
SCALE A A4 1900



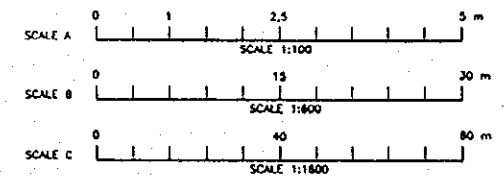
KEY PLAN
SCALE C A4 1900



PLAN
SCALE A A4 1900



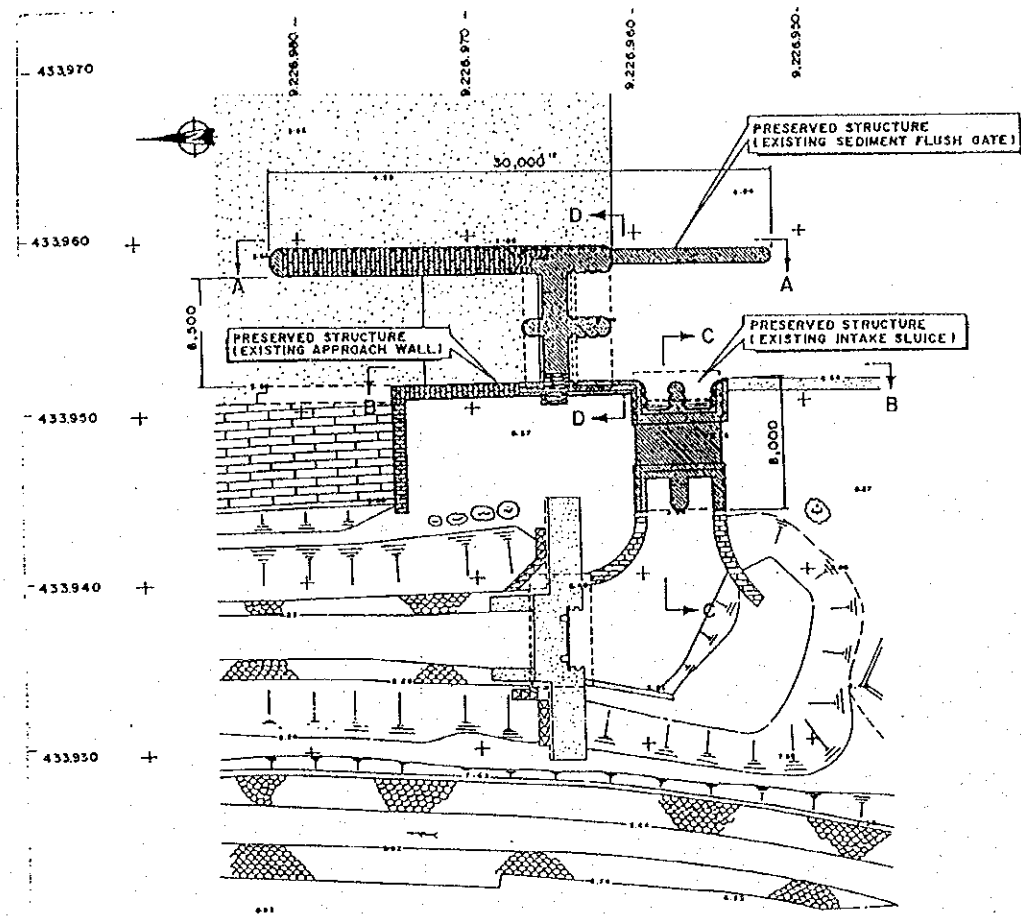
ROOF PLAN
SCALE A A4 1900



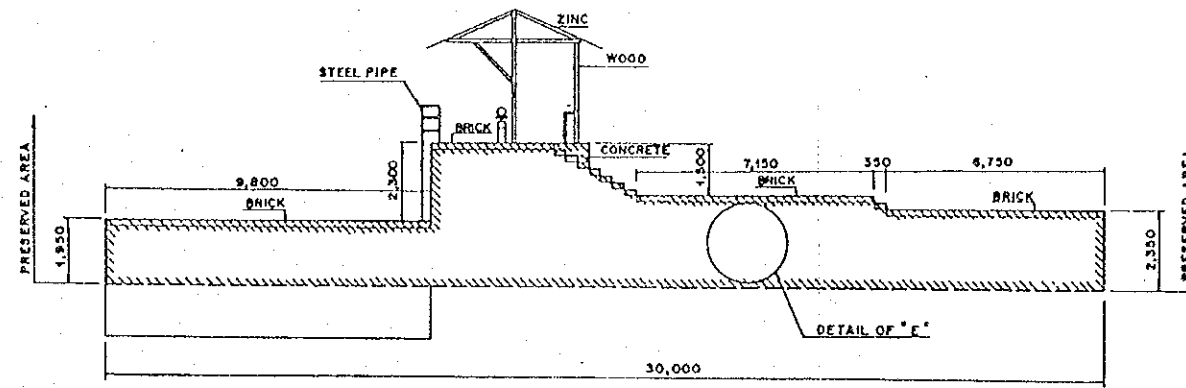
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

JAPAN INTERNATIONAL COOPERATION AGENCY

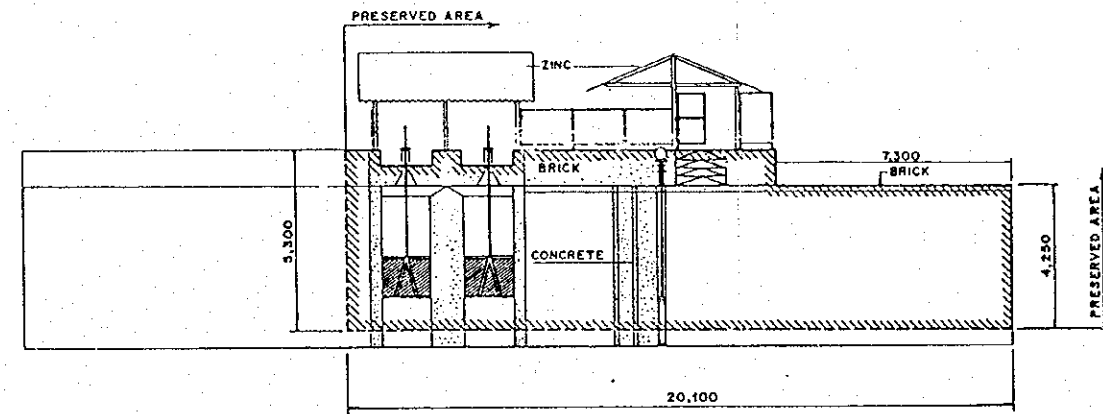
DWG. 64.40
PROFILE OF GATE SHED FOR LEFT BANK INTAKE STRUCTURE



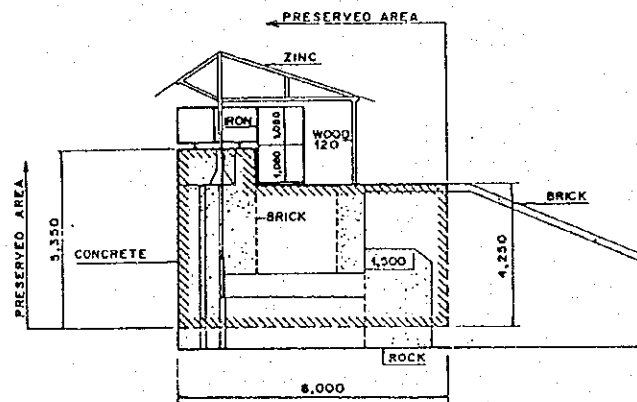
PLAN
SCALE A



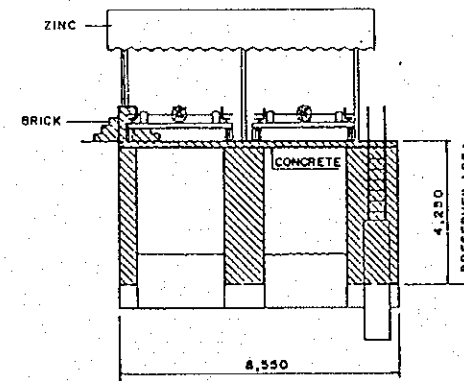
SECTION A-A
SCALE B



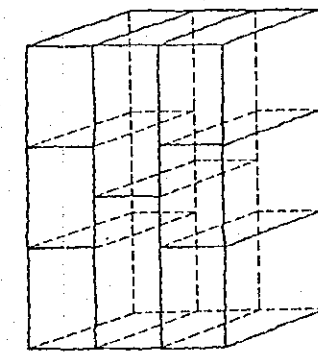
SECTION B-B
SCALE B



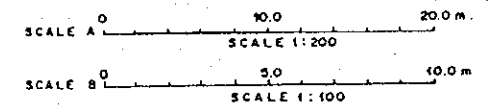
SECTION C-C
SCALE B



SECTION D-D
SCALE B



DETAIL OF "E" (CUTTING BLOCK)



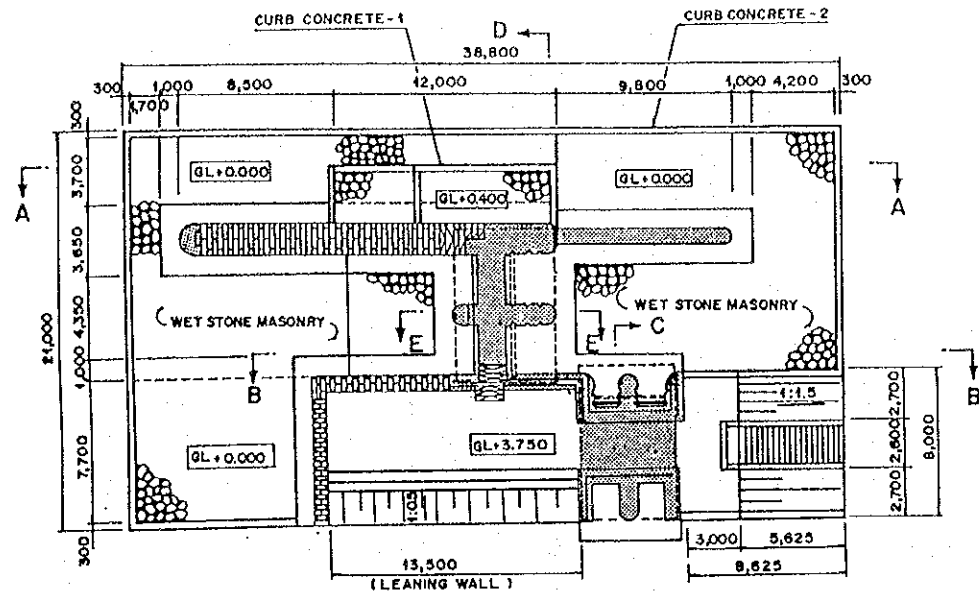
NOTE :

1. PRESERVED STRUCTURES ARE EXISTING SEDIMENT FLUSH GATE, EXISTING INTAKE SLUICE AND EXISTING APPROACH WALL AT LEFT BANK.
2. PRESERVE STRUCTURE INCLUDES GATE LEAF HOISTING SYSTEM GATESHEED, STEEL FENCE, STEEL LADDER AND THE OTHER NECESSARY THINGS THAT ENGINEER DETERMINE.

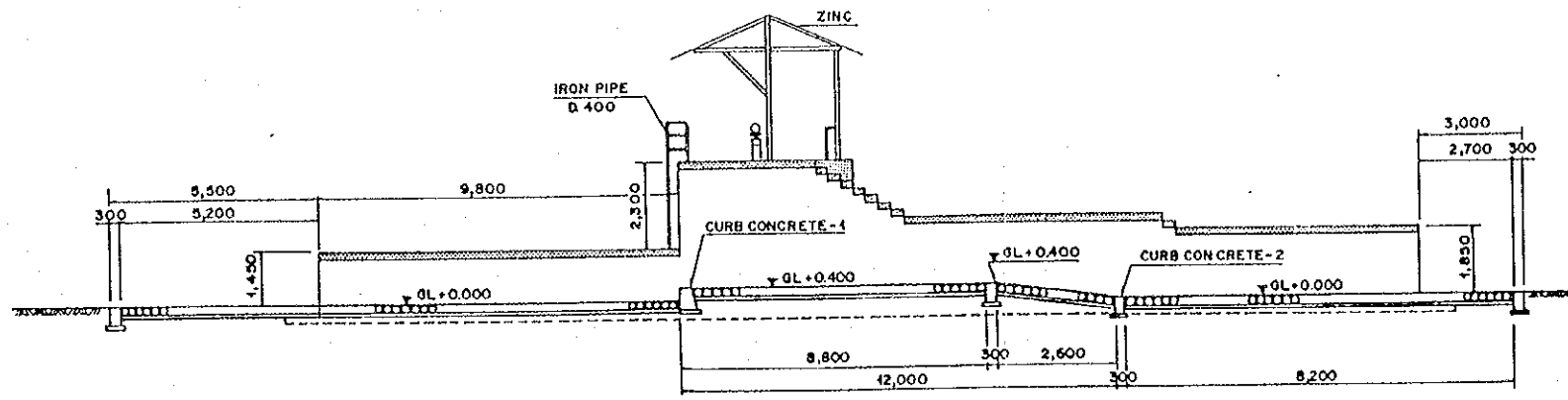
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

DWG. 6.4.41
PROFILE OF PRESERVED STRUCTURES OF EXISTING WEIR

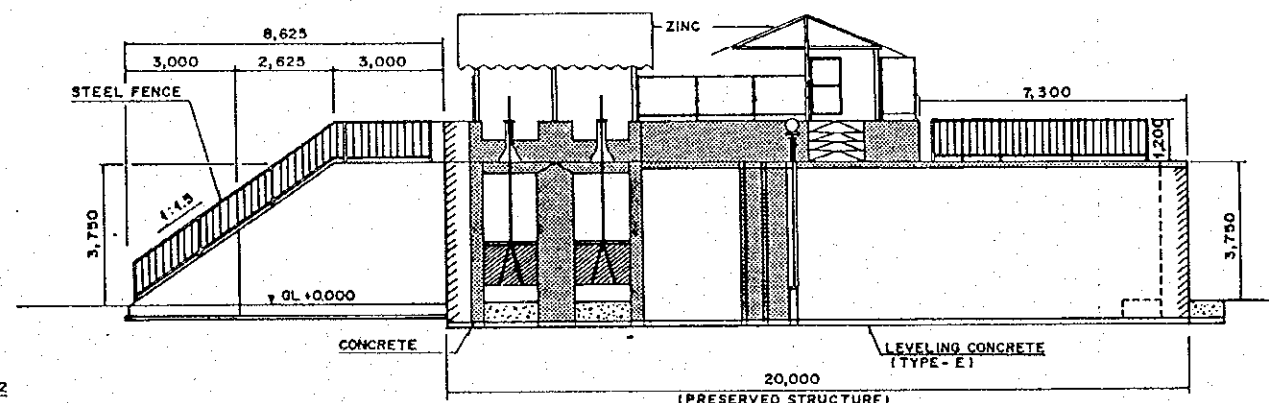
JAPAN INTERNATIONAL COOPERATION AGENCY



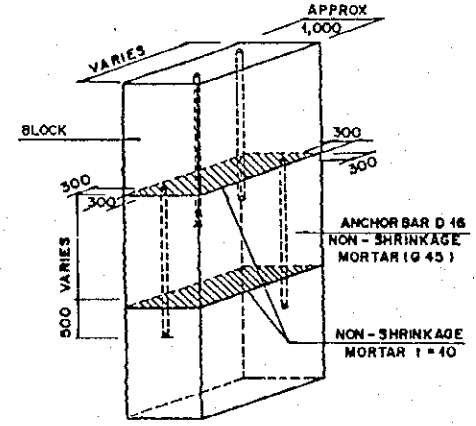
PLAN OF PRESERVATION SITE
SCALE A



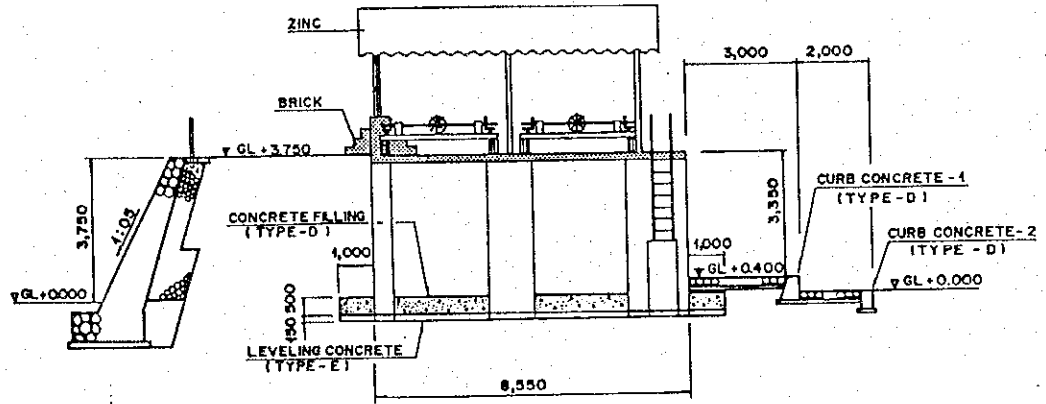
SECTION A-A
SCALE B



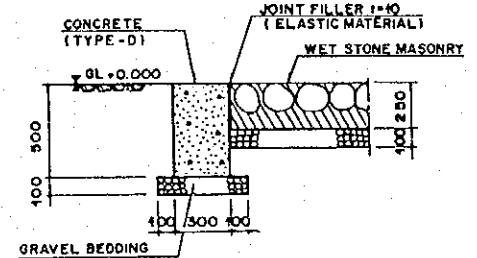
SECTION B-B
SCALE B



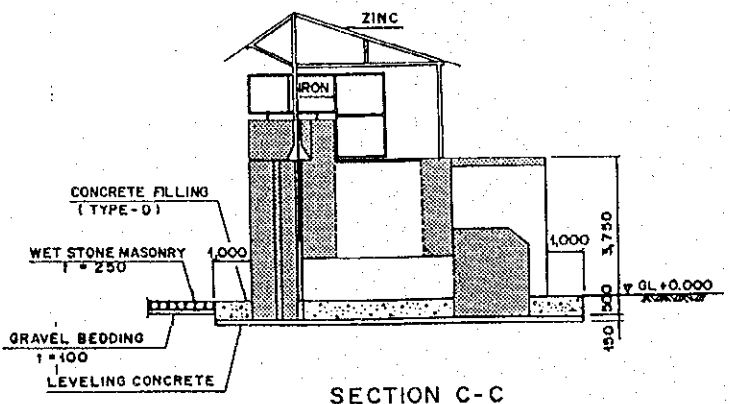
JOINTING
SCALE C



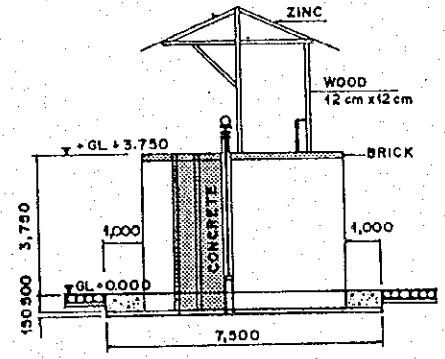
SECTION D-D
SCALE B



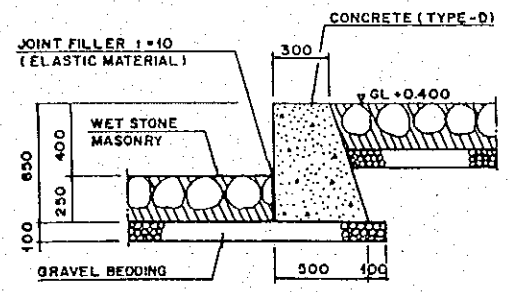
CURB CONCRETE - 2
SCALE C



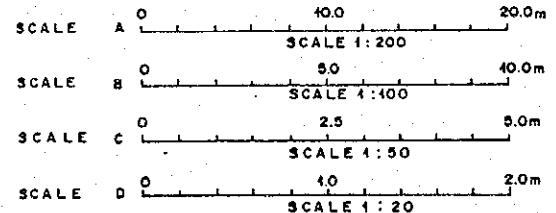
SECTION C-C
SCALE B



SECTION E-E
SCALE B

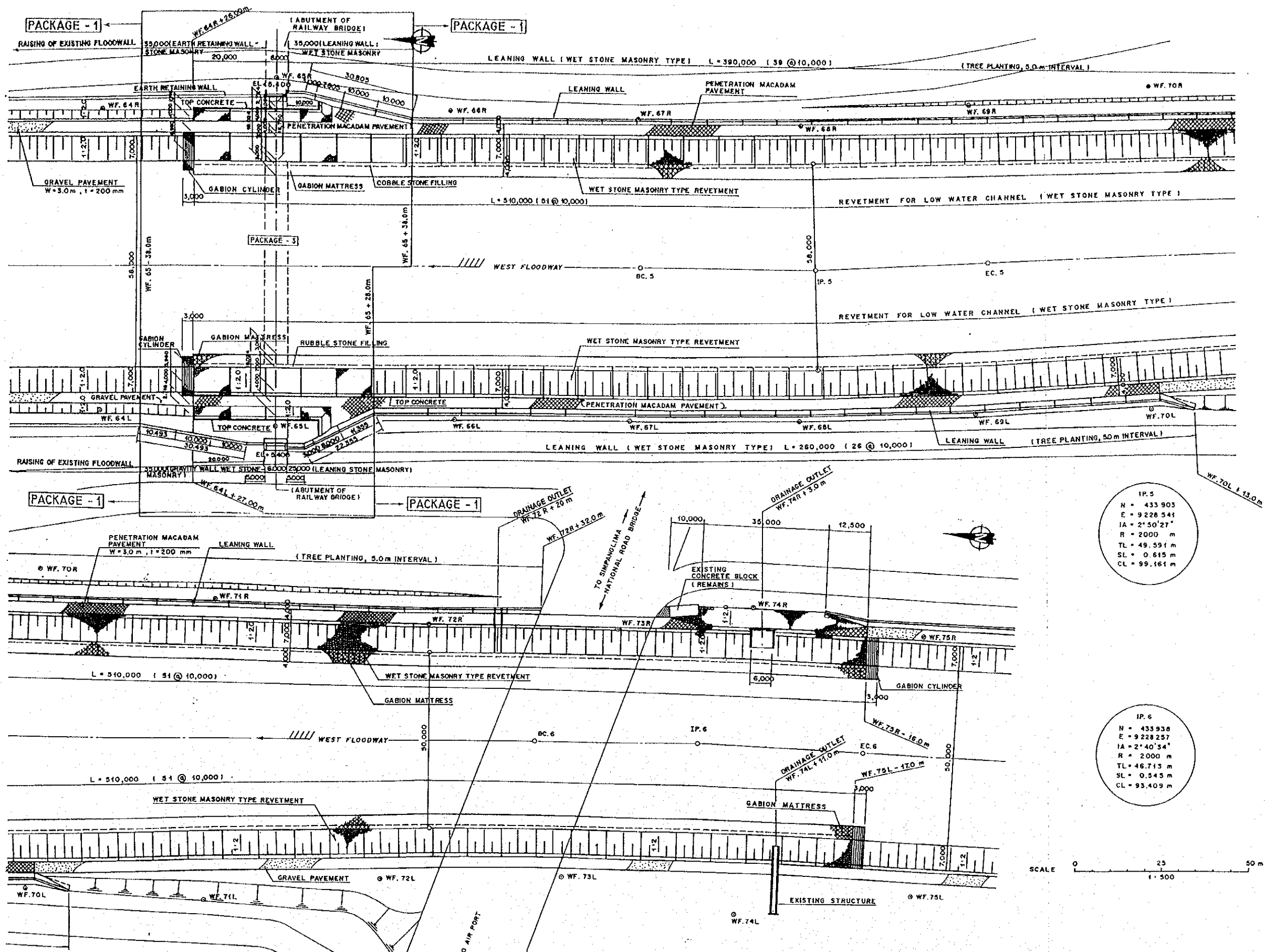


CURB CONCRETE - 1
SCALE C



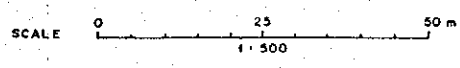
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY

DWG. 6.4.42
PROFILE OF RECONSTRUCTION OF PART OF WEIR



IP.5
 N = 433 903
 E = 9 228 541
 IA = 2° 50' 27"
 R = 2000 m
 TL = 49.591 m
 SL = 0.615 m
 CL = 99.161 m

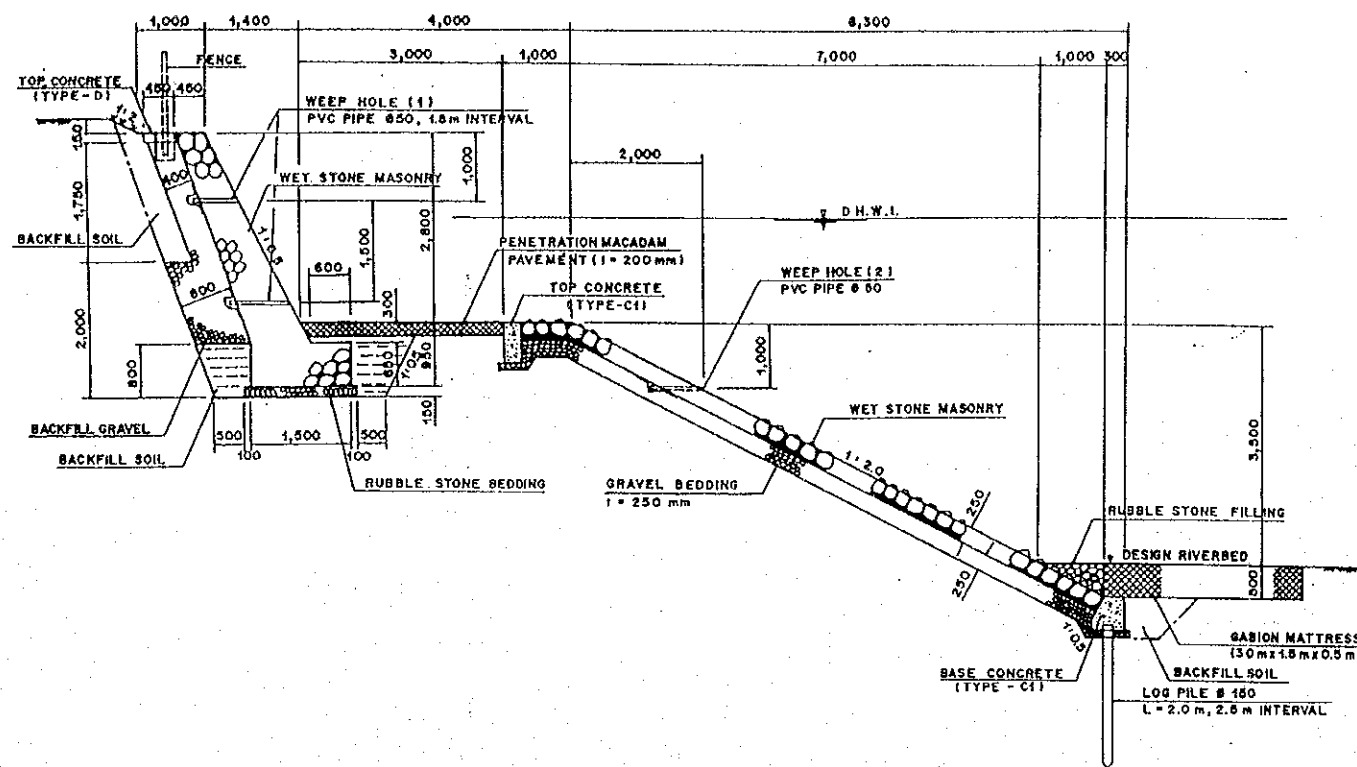
IP.6
 N = 433 938
 E = 9 228 257
 IA = 2° 40' 34"
 R = 2000 m
 TL = 46.713 m
 SL = 0.545 m
 CL = 93.409 m



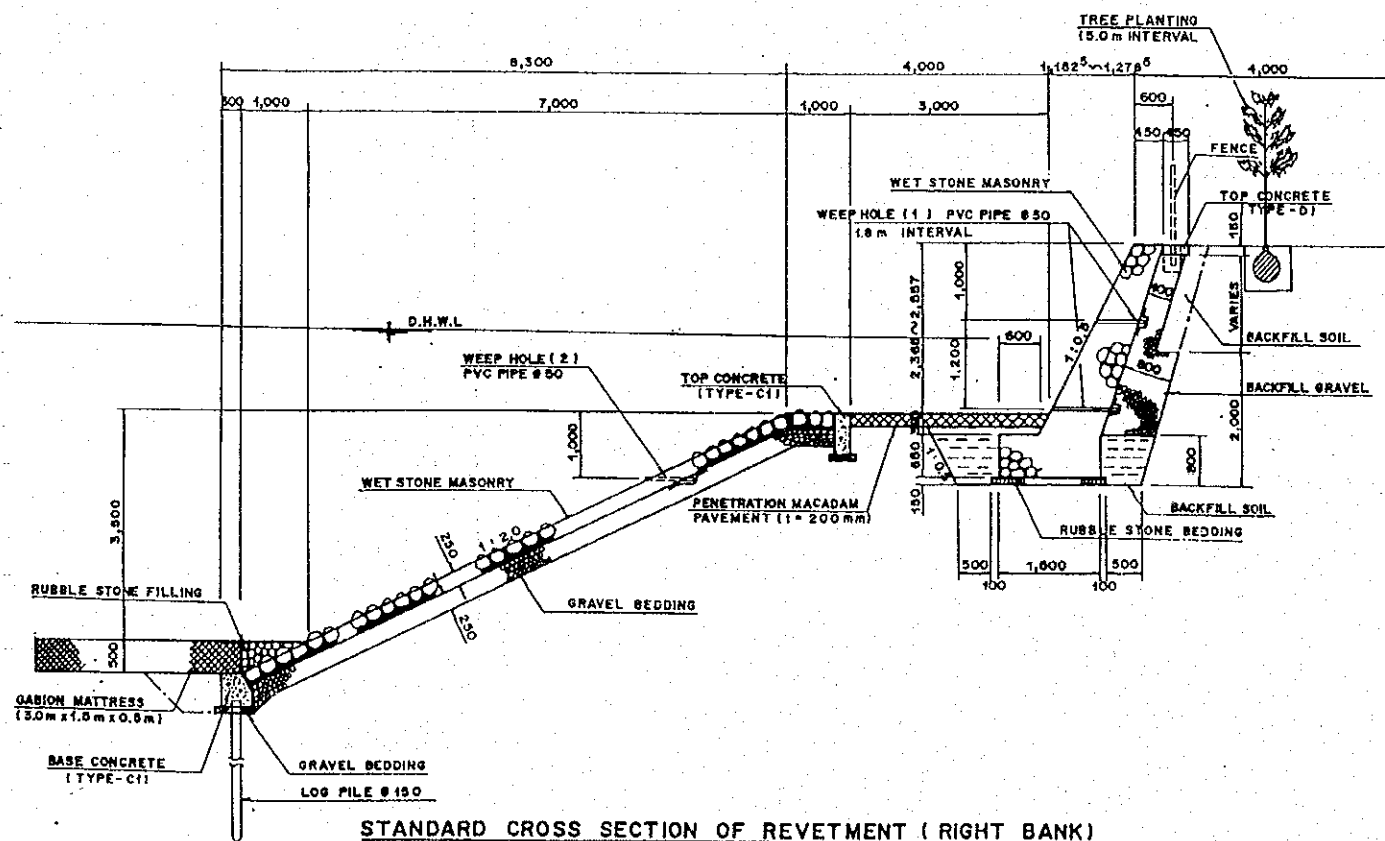
LAYOUT PLAN OF RIVERBANK PROTECTION
 SCALE 1 : 500

THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

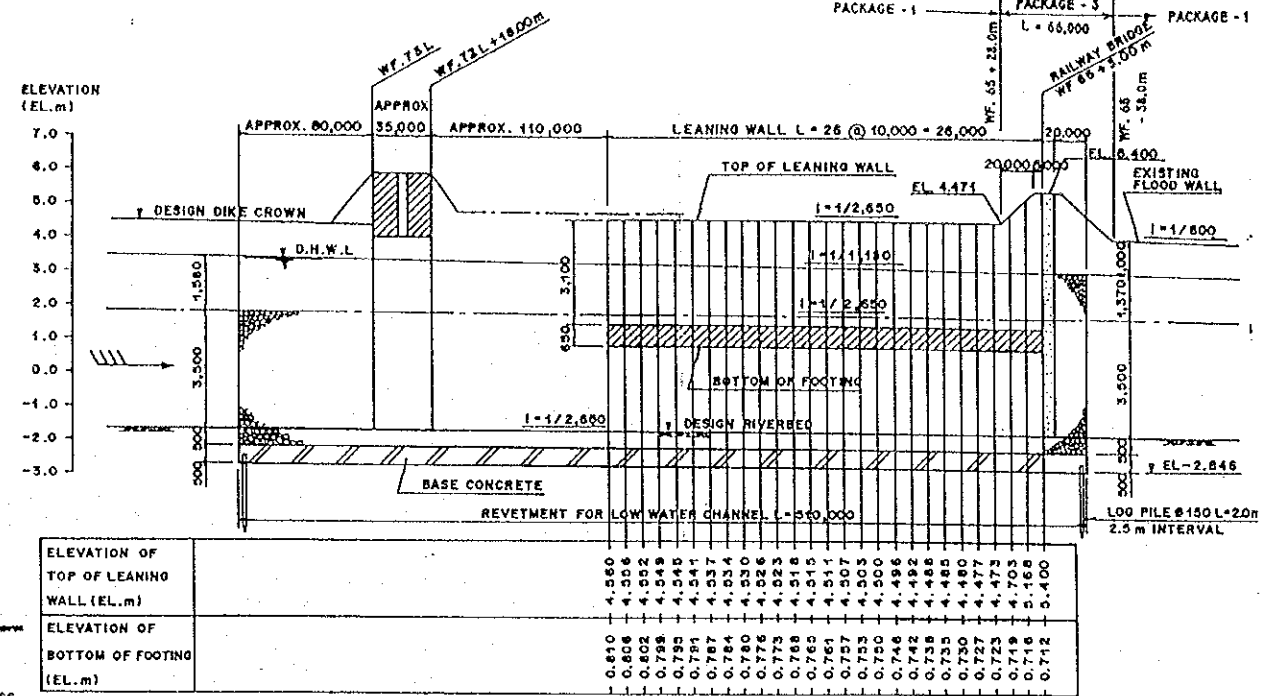
DWG. 6.5.1
 GENERAL LAYOUT PLAN OF REVETMENT AND LEADING WAL (WF.64 TO WF.75)



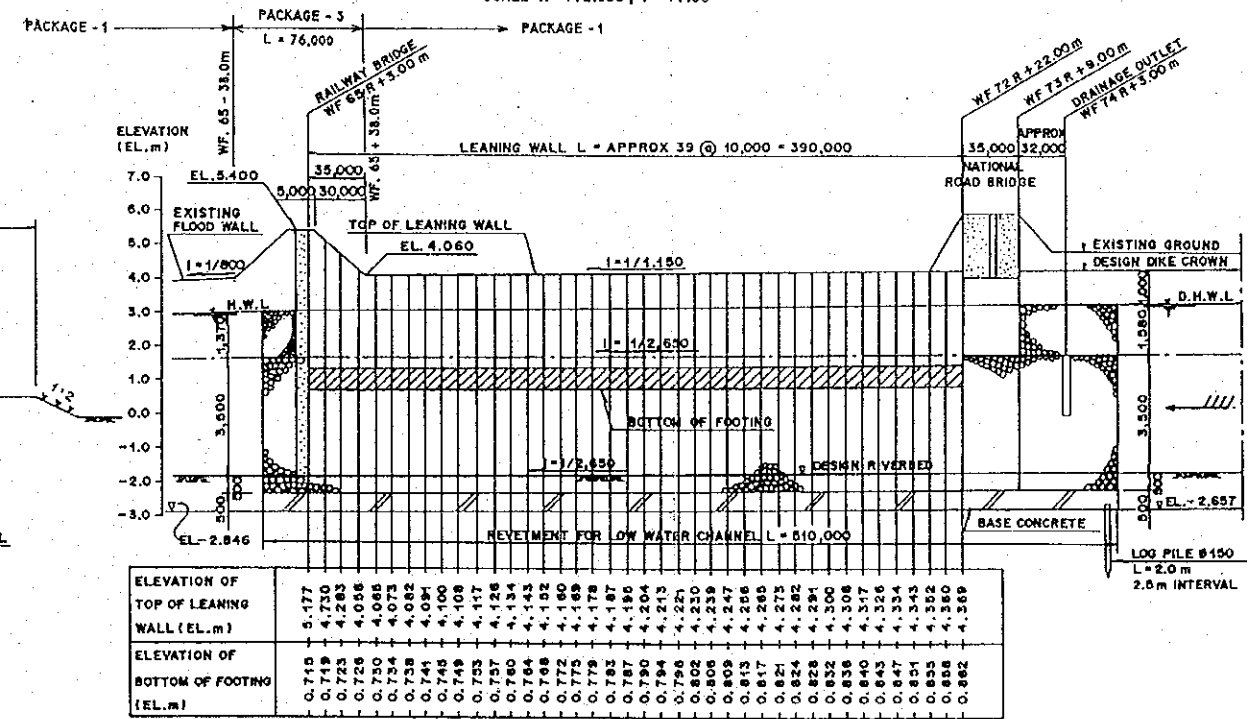
STANDARD CROSS SECTION OF REVETMENT (LEFT BANK)
SCALE C



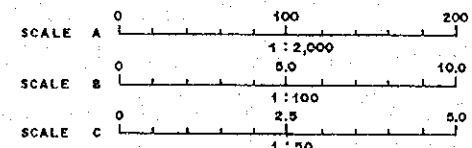
STANDARD CROSS SECTION OF REVETMENT (RIGHT BANK)
SCALE C



PROFILE OF REVETMENT (LEFT BANK)
SCALE H=1:2,000, V=1:100



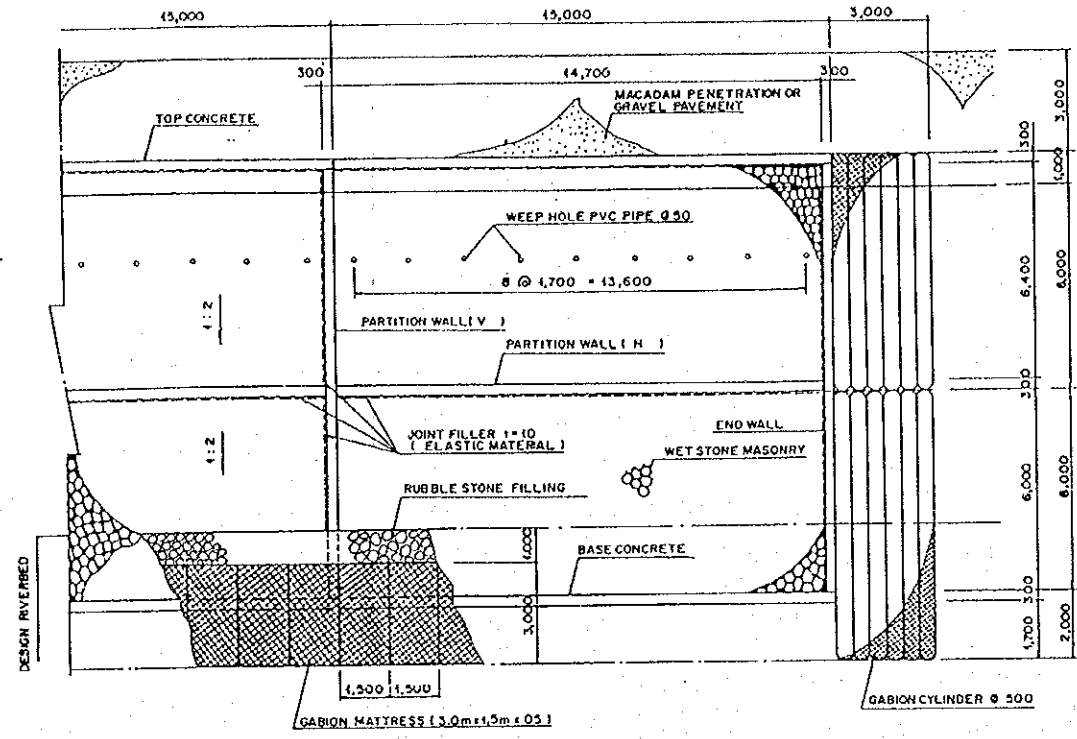
PROFILE OF REVETMENT (RIGHT BANK)
SCALE H=1:2,000, V=1:100



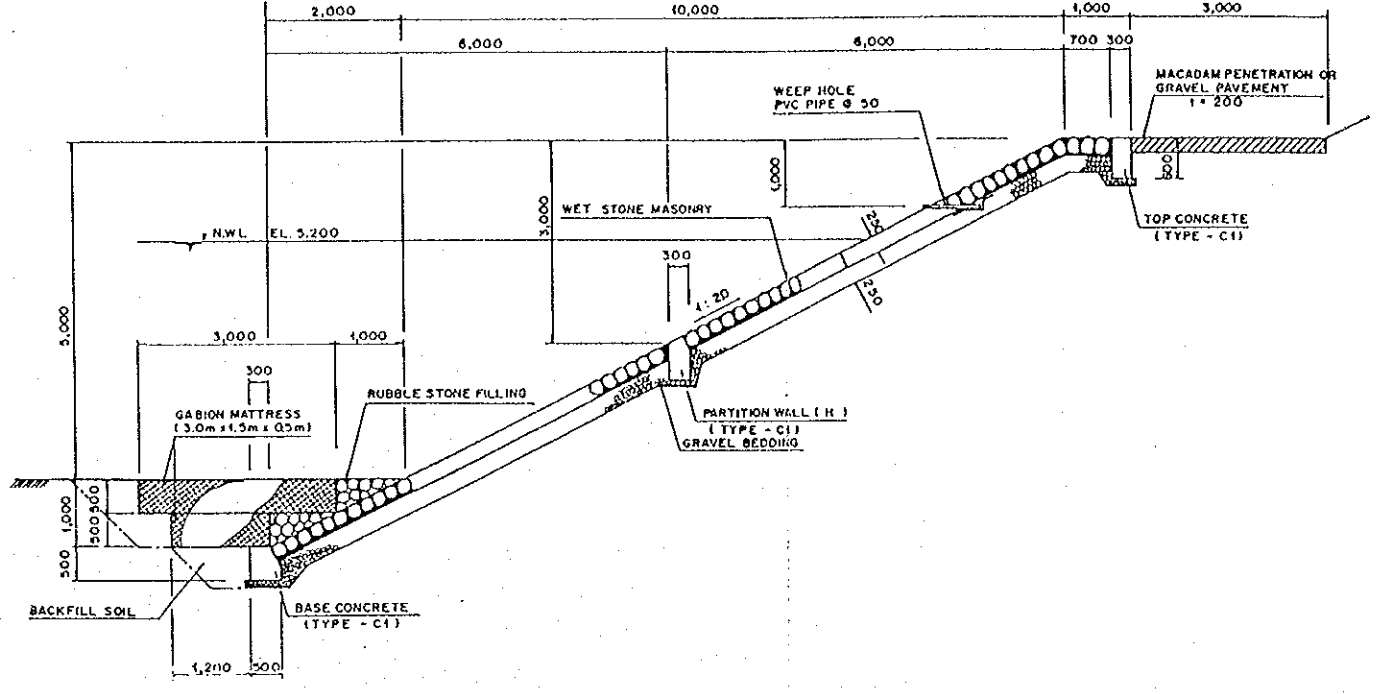
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

JAPAN INTERNATIONAL COOPERATION AGENCY

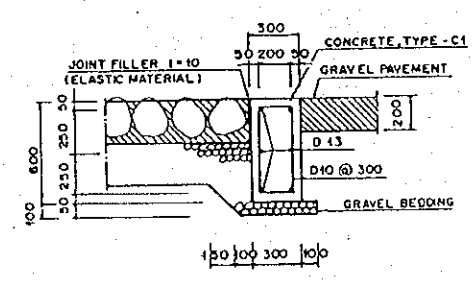
DWG. 6.5.2
STANDARD CROSS SECTION AND PROFILE OF REVETMENT AND LEANING WALL (WF.64 TO WF.75)



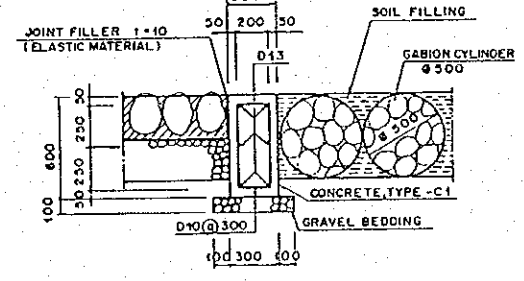
PLAN OF REVETMENT
SCALE A



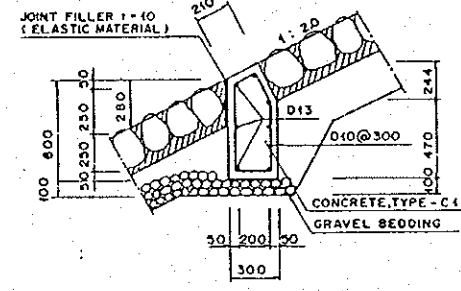
STANDARD CROSS SECTION OF REVETMENT (SLOPE 1:2)
SCALE B



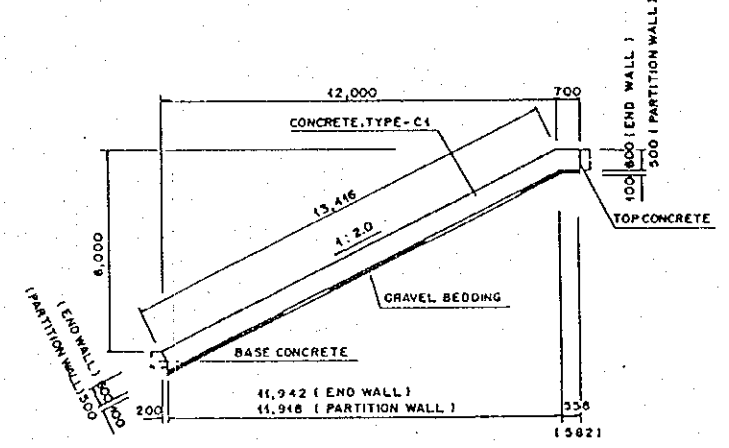
TOP CONCRETE
SCALE C



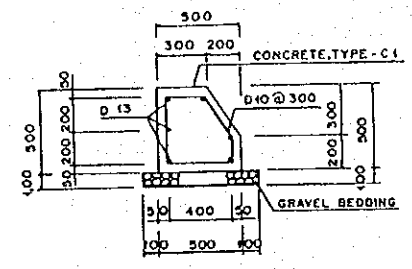
END WALL
SCALE C



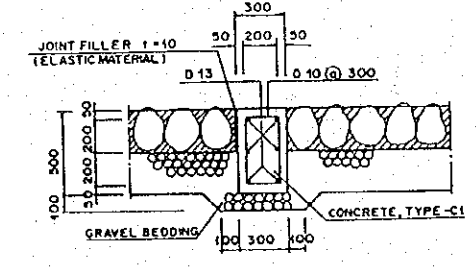
PARTITION WALL (H)
SCALE C



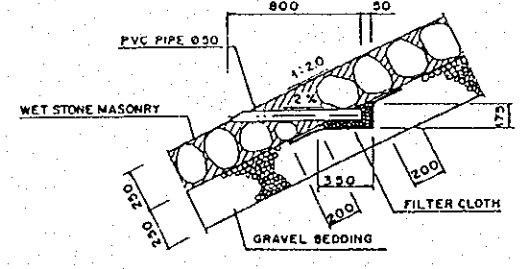
PROFILE OF END WALL & PARTITION WALL
SCALE A



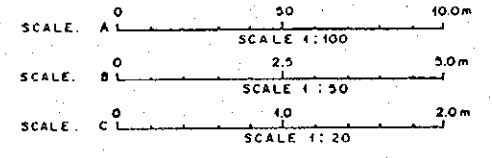
BASE CONCRETE
SCALE C



PARTITION WALL (V)
SCALE C



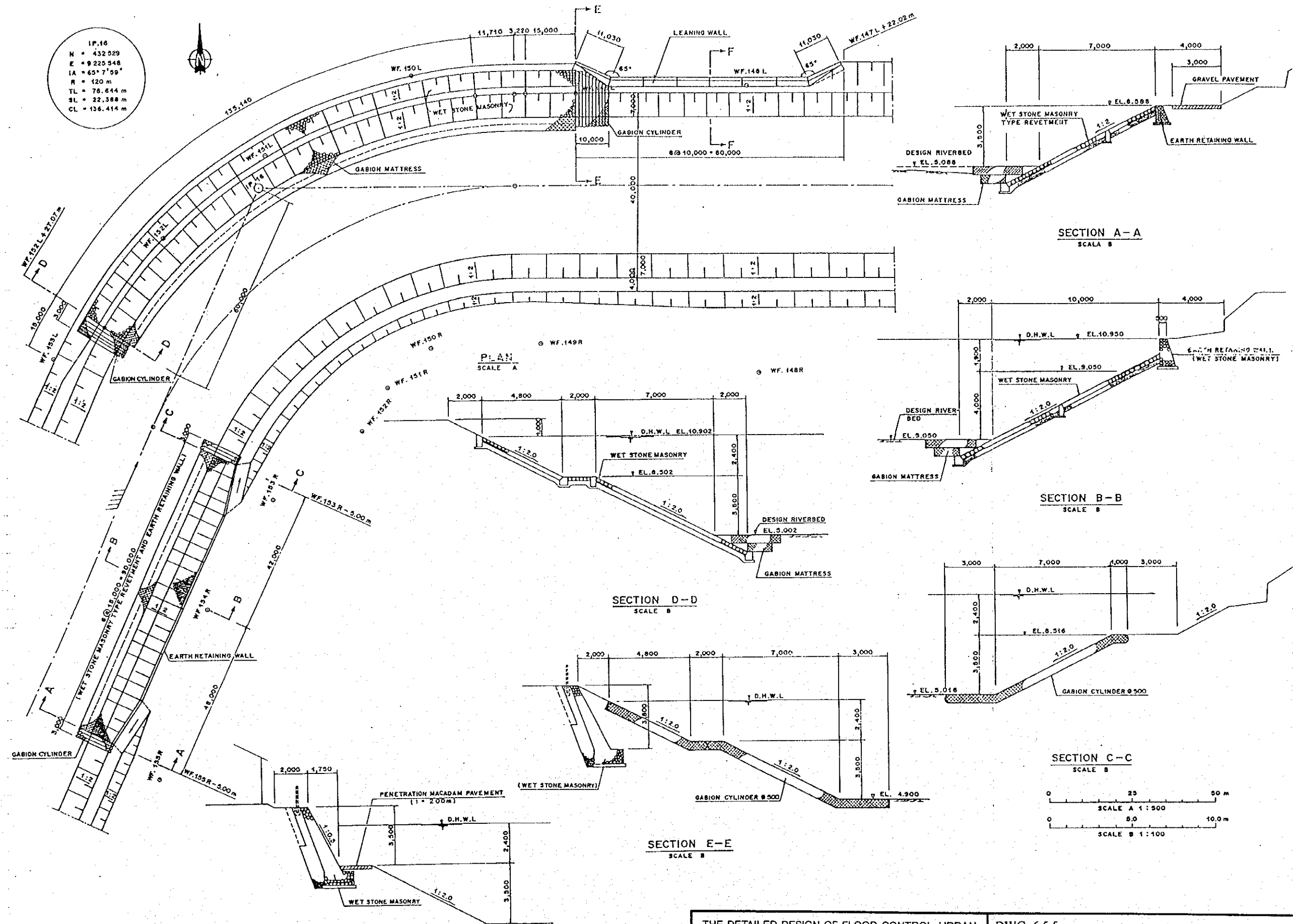
DETAIL OF WEEP HOLE
SCALE C



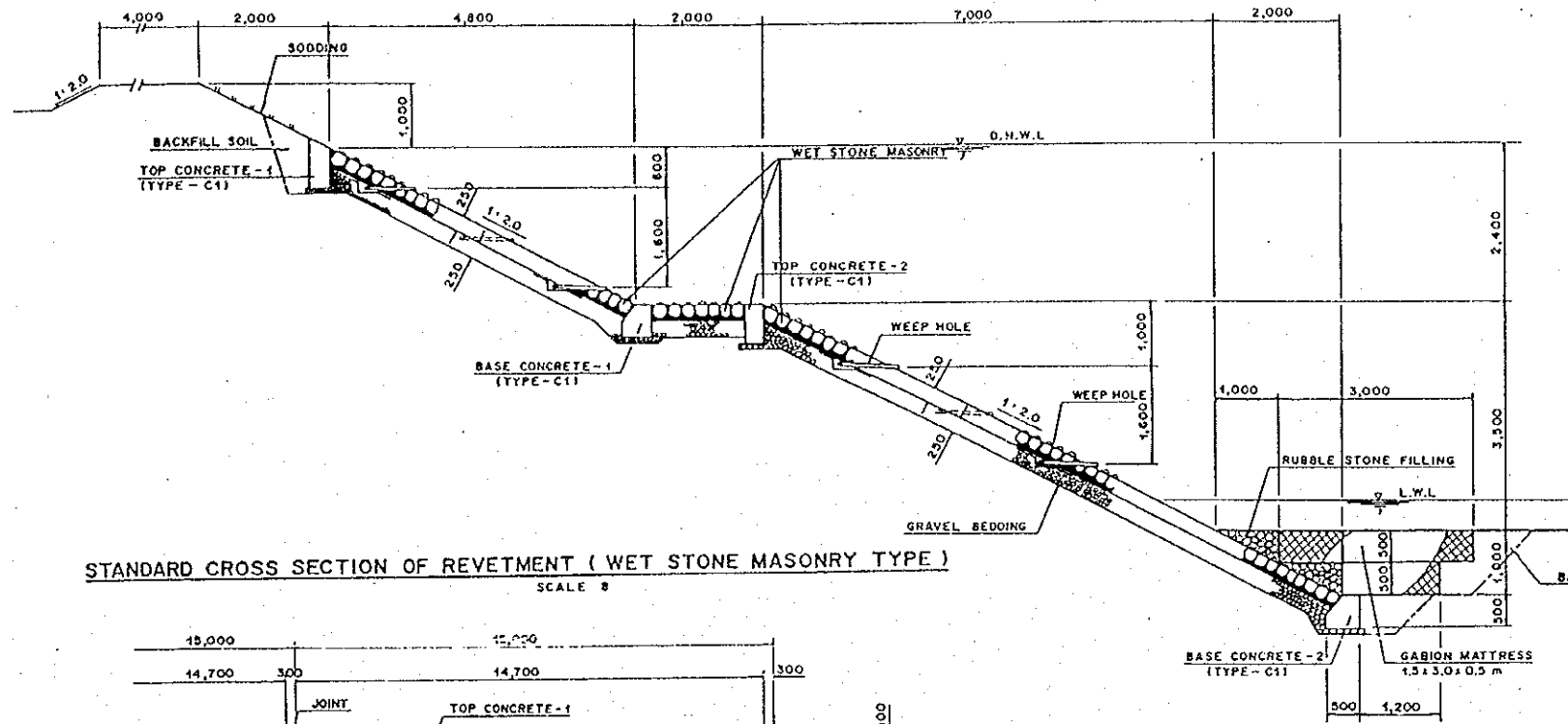
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY

DWG. 6.5.4
STANDARD CROSS SECTION AND PROFILE OF REVETMENT AND LEANING WALL (WF.100 TO WF.112)

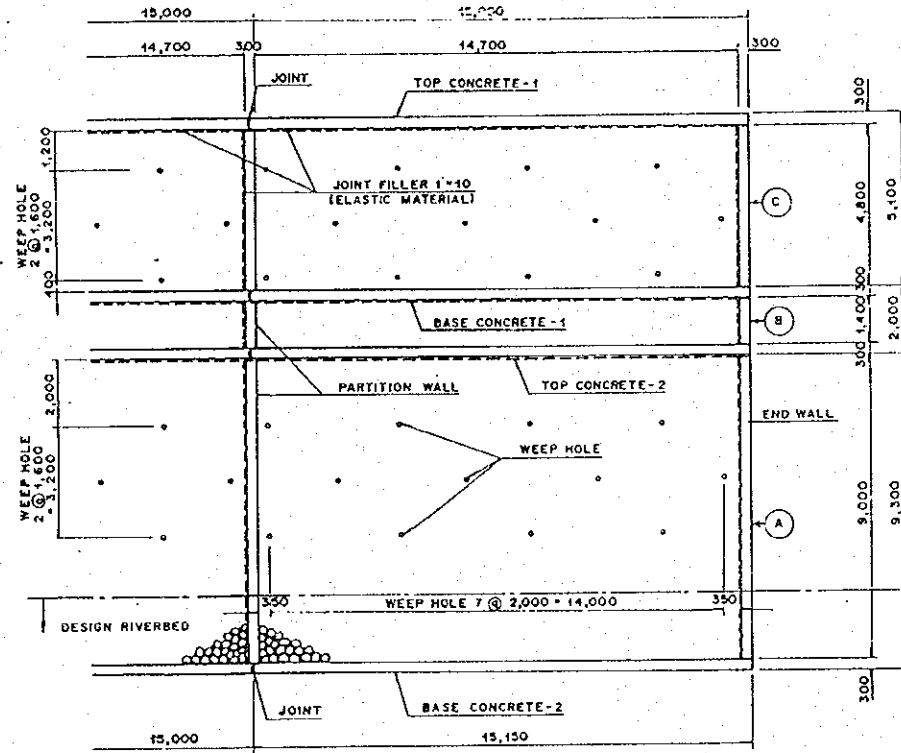
1P.16
 N = 432 529
 E = 9225 548
 IA = 65° 7' 59"
 R = 120 m
 TL = 78.644 m
 SL = 22.388 m
 CL = 136.414 m



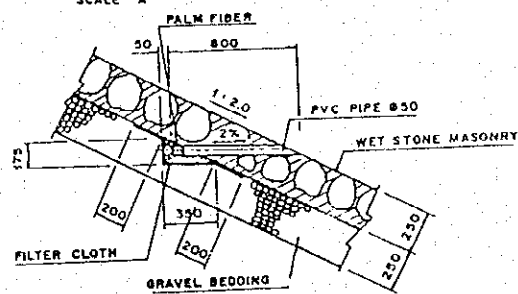
THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA
 DWG. 6.5.5
 GENERAL LAYOUT PLAN OF REVETMENT AND LEANING WALL (WF.147 TO WF.155)
 JAPAN INTERNATIONAL COOPERATION AGENCY



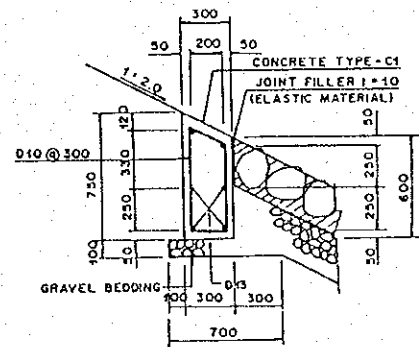
STANDARD CROSS SECTION OF REVETMENT (WET STONE MASONRY TYPE)
SCALE B



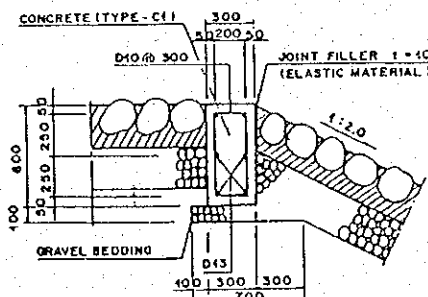
PLAN
SCALE A



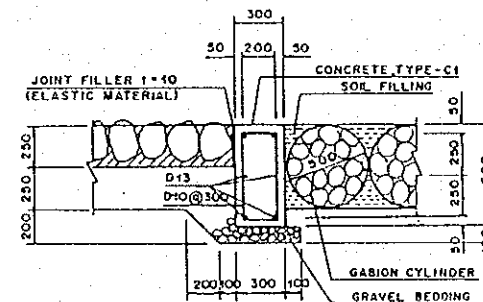
DETAIL OF WEEP HOLE (2)
SCALE C



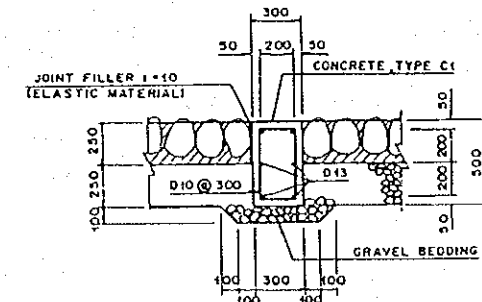
TOP CONCRETE - 1
SCALE C



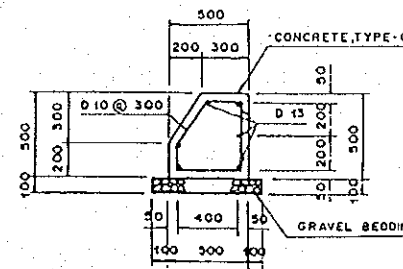
TOP CONCRETE - 2
SCALE C



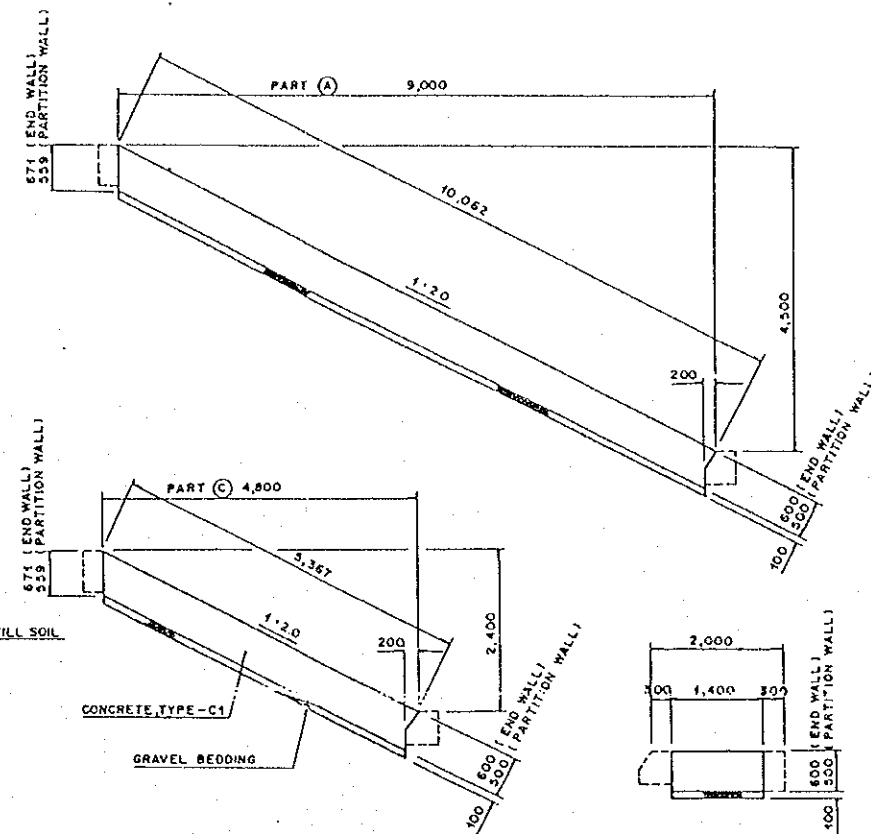
END WALL
SCALE C



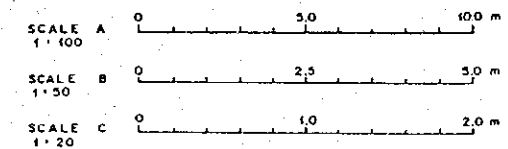
PARTITION WALL
SCALE C



BASE CONCRETE 1&2
SCALE C



PROFILE OF END WALL & PARTITION WALL
SCALE B



THE DETAILED DESIGN OF FLOOD CONTROL, URBAN DRAINAGE AND WATER RESOURCES DEVELOPMENT IN SEMARANG IN THE REPUBLIC OF INDONESIA

JAPAN INTERNATIONAL COOPERATION AGENCY

DWG. 6.5.6
STANDARD CROSS SECTION AND PROFILE OF REVETMENT AND LEANING WALL (WF.147 TO WF.155)