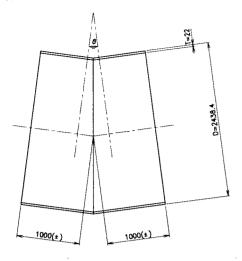
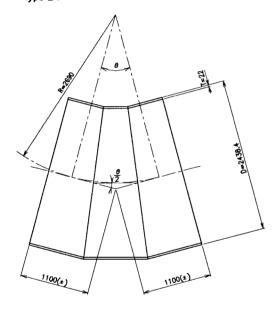


DETAILS FOR BENDS

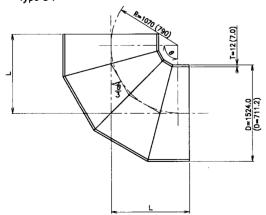
Type 1 : 8 ≤ 30°



Type 2:30° < 0 ≤60°

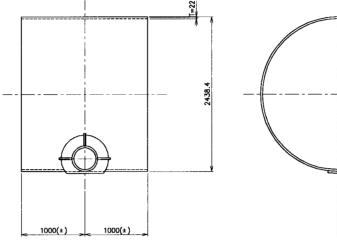


Type 3:60' < 8 490'



L: 1250(±) for D=1500 Refered to Surge Tank Works

DETAIL FOR BLOW OFF PIPE



NOTES:

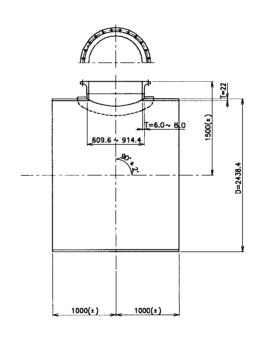
(1) This drawing is shown in mm

are shown only for reference.

(2) Figures in this drawing

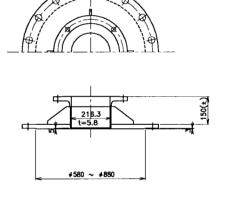
unless otherwise shown, but not to Scale.

DETAIL FOR MANHOLE PIPE



DETAIL FOR AIR VALVE COVER

1500(±)



THE ARAB REPUBLIC OF EGYPT
MINISTRY OF WATER RESOURCES AND IRRIGATION
NORTH SINAI DEVELOPMENT ORGANIZATION THE NORTH SINAI INTEGRATED RURAL DEVELOPMENT PROJECT (PHASE III)

CONVEYANCE SYSTEM OF EL SHEIKH GABER EL SABBAH CANAL BETWEEN KM 108.466 AND KM118.560 EL SALAAM No.7 (BIR EL ABD) PUMPING STATION DELIVERY PRESSURED PIPELINE DETAILS OF PIPE SPECIALS

DESIGNED	
TRACED	
CHECKED	
APPROVED	
DRAWING NO.	DPP-256

Note : Real pipe Length and Compound Angle are Shown the middle of three (3) pipelines

Table Major dimensions of pipe bends (D=2400mm)

1.0

1.0

1.0

1.0 1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0 1.0

2

Jointed by straight pipe

Jointed by straight pipe

Real Pipe Compound Angle Type Length (m) # (* - ' - ')

0 - 43 - 14

0 - 41 - 15

22 - 32 - 52

22 - 28 - 45

11 - 29 - 47

11 - 29 - 47

10 - 54 - 58

21 - 49 - 57

10 - 54 - 59

26 - 25 - 11

26 - 25 - 35

0 - 5 - 57

1 - 23 - 9

1 - 39 - 56

2 - 35 - 47

12 - 20 - 38

2 - 42 - 14

9 - 44 - 56

23 - 57 - 17

23 - 59 - 45

7 - 37 - 10

7 - 44 - 22

1 - 32 - 47

9 - 59 - 59

9 - 59 - 59

0 - 0 - 14

2 - 1 - 37

1 - 43 - 3

1 - 15 - 42

30 - 4 - 22

0.000

172.823 118.028

760,003

300.167

15.690

66.000

30.100

143.650

179.910

781.831

246.445

123.245

392.825

300.001

400,195

177.598

117.254

212,362

733.126

9.853

40.100

30.170

430.107

182.142

164.972

241.543

1250.013

250.200

700.035

306.097

47.350

9353.747

KM108+985.00

KM109+157.62

KM110+ 0.00 KM110+300.00

KM110+315.69

KM110+381.69

KM110+410.00

KM110+553.65

KM110+964.31

KM111+746.14

KM111+992.58

KM112+115.80

KM112+500.00

KM112+800.00

KM113+200.00

KM113+500.00

KM113+750.00

KM114+691.00

KM114+700.00

KM114+740.10

KM114+770.00

KM115+200.00

KM115+382.14

KM115+558.46

KM115+800.00

KM117+ 50.00

KM117+300.00

KM118+ 0.00

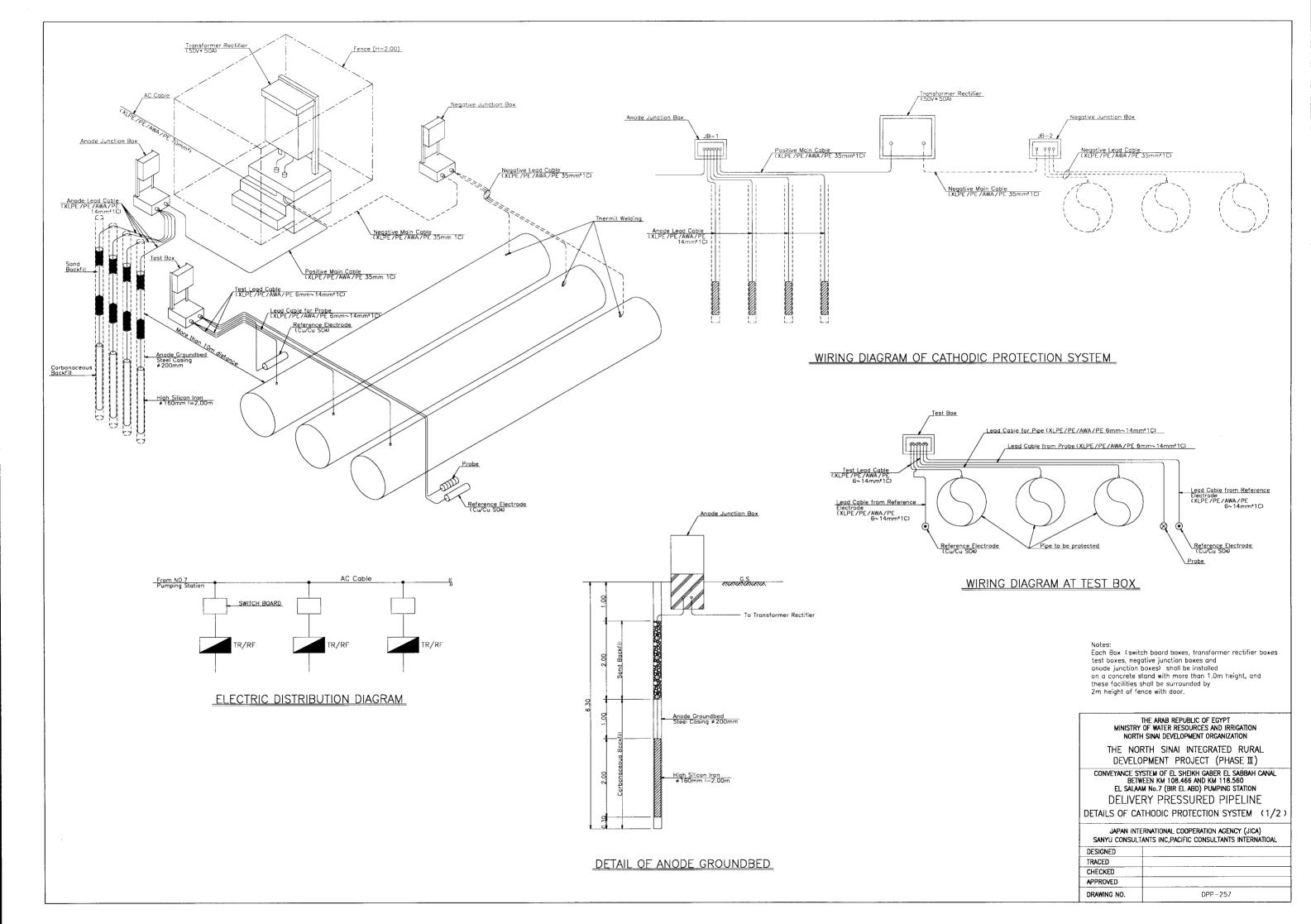
KM118+360.00

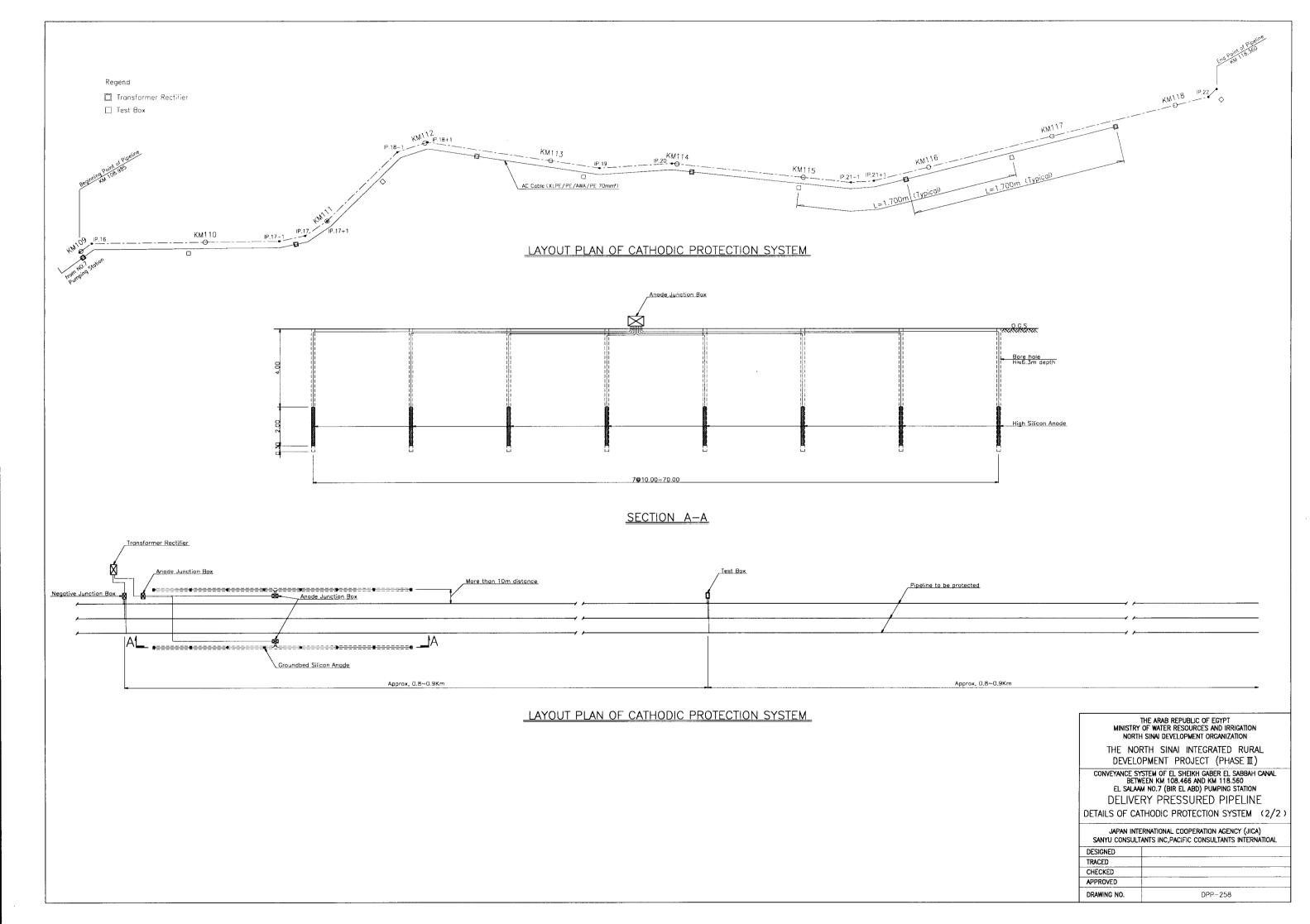
Total

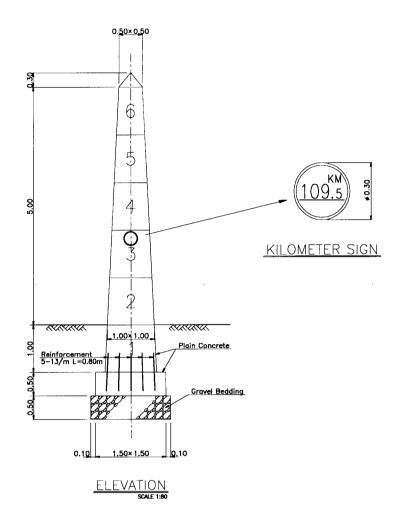
P.22

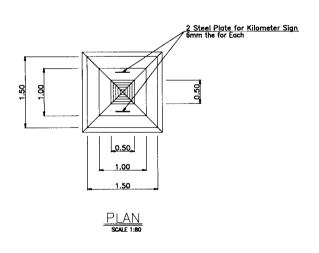
IP.20

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) SANYU CONSULTANTS INC, PACIFIC CONSULTANTS INTERNATIOAL











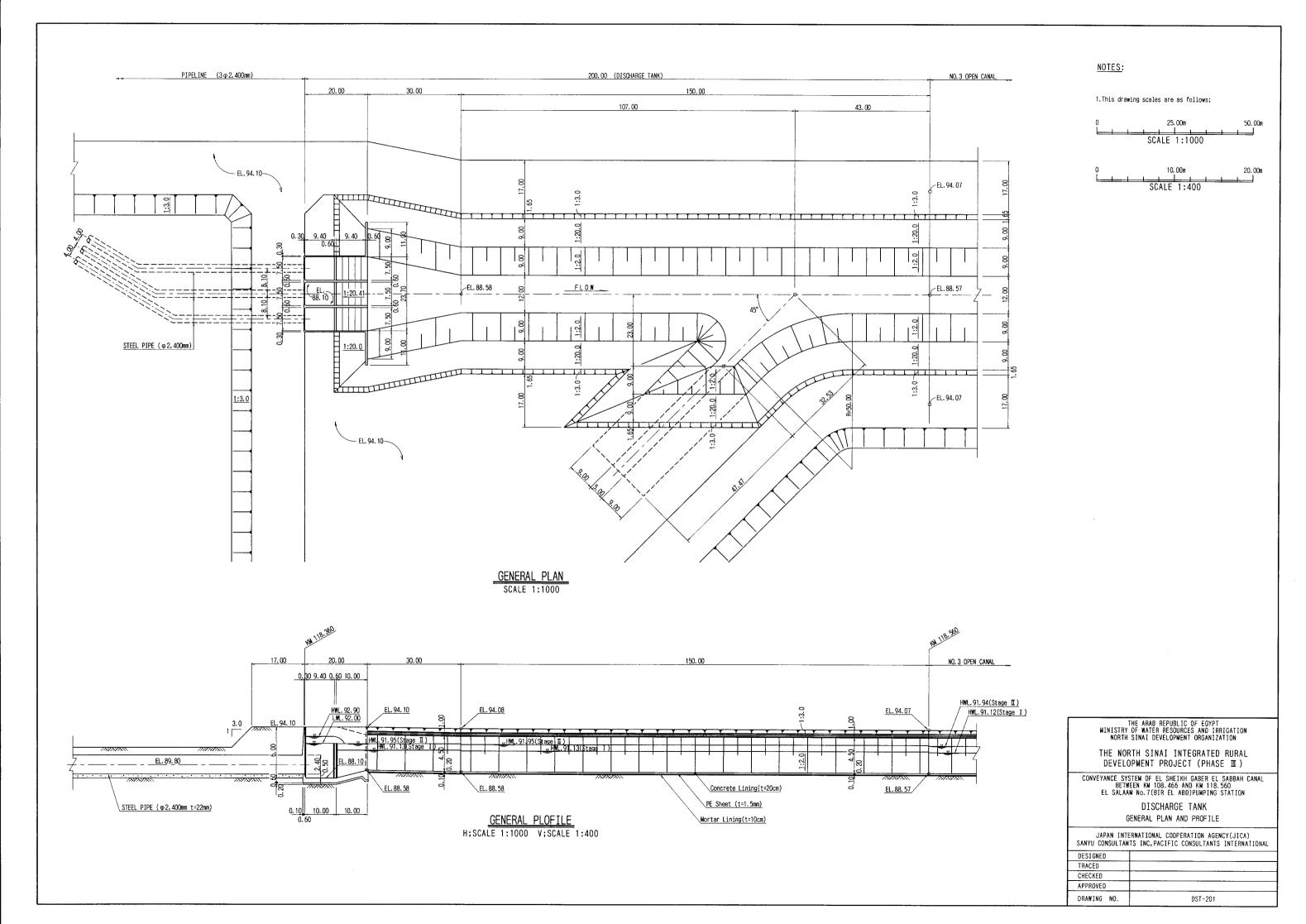
THE ARAB REPUBLIC OF EGYPT
MINISTRY OF WATER RESOURCES AND IRRIGATION
NORTH SINAI DEVELOPMENT ORGANIZATION

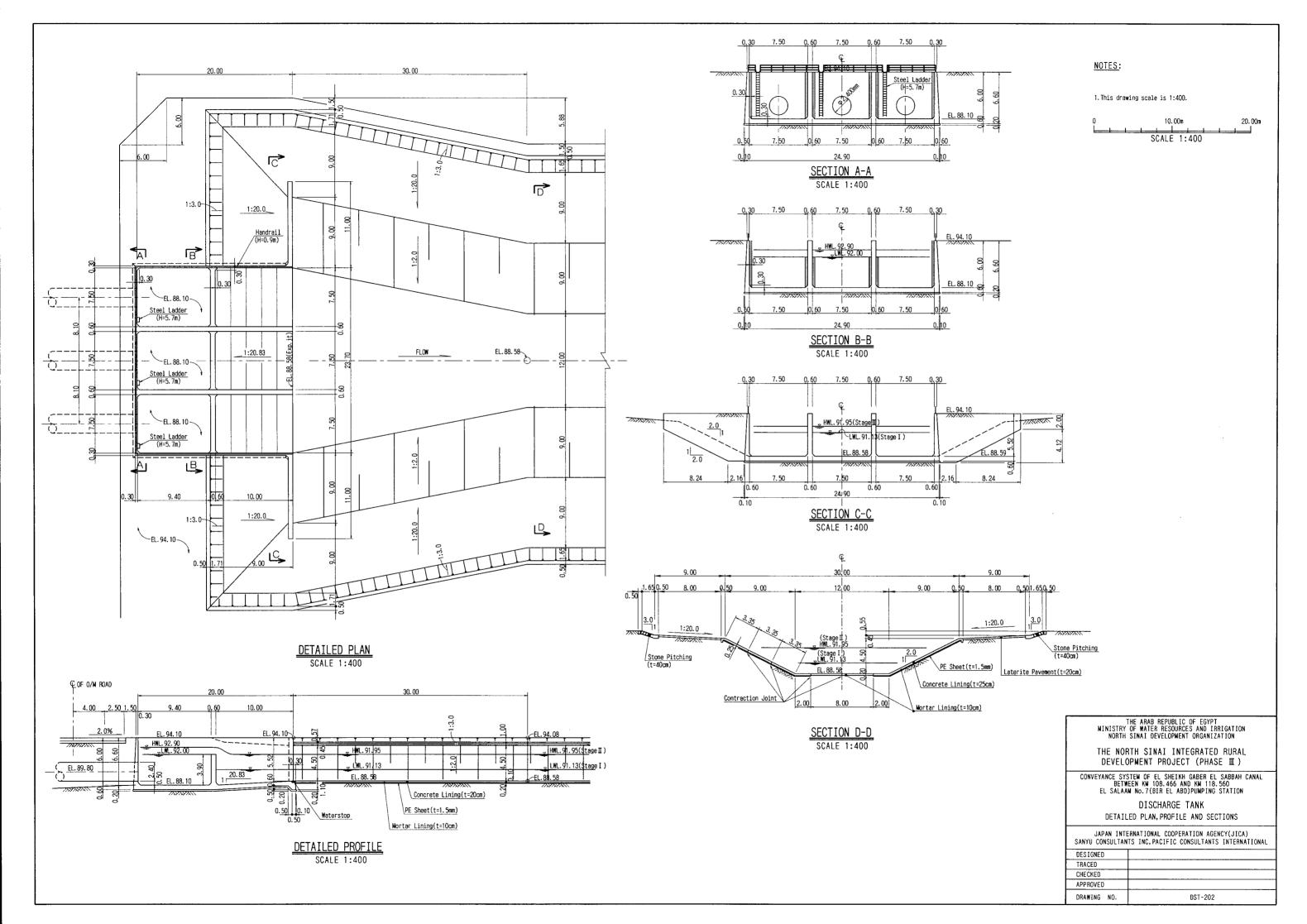
THE NORTH SINAI INTEGRATED RURAL DEVELOPMENT PROJECT (PHASE III)

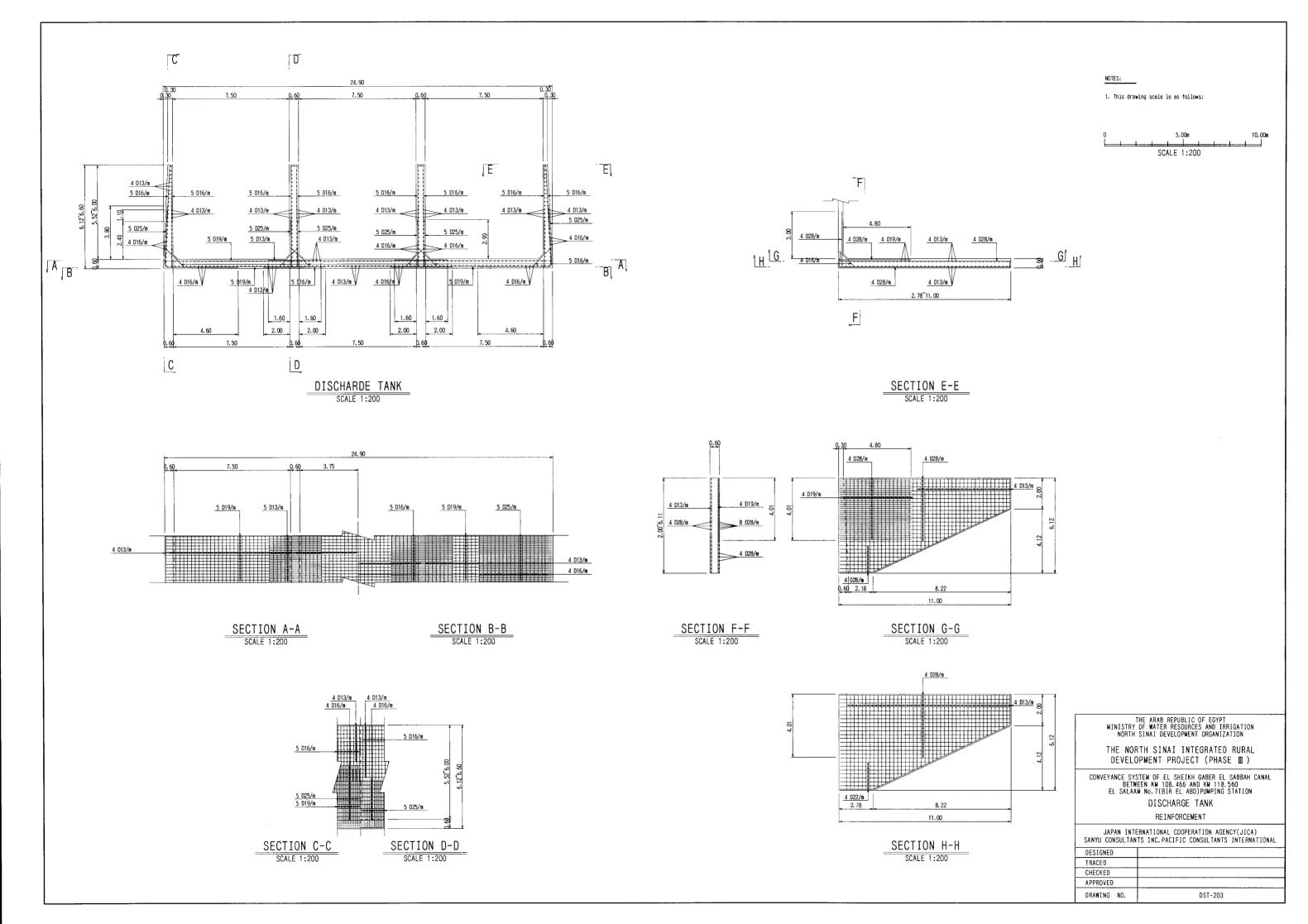
CONVEYANCE SYSTEM OF EL SHEIKH GABER EL SABBAH CANAL BETWEEN KM 108.466 AND KM 118.560 EL SALAAM No.7 (BIR EL ABD) PUMPING STATION DELIVERY PRESSURED PIPELINE DETAIL OF CONCRETE COLUMN

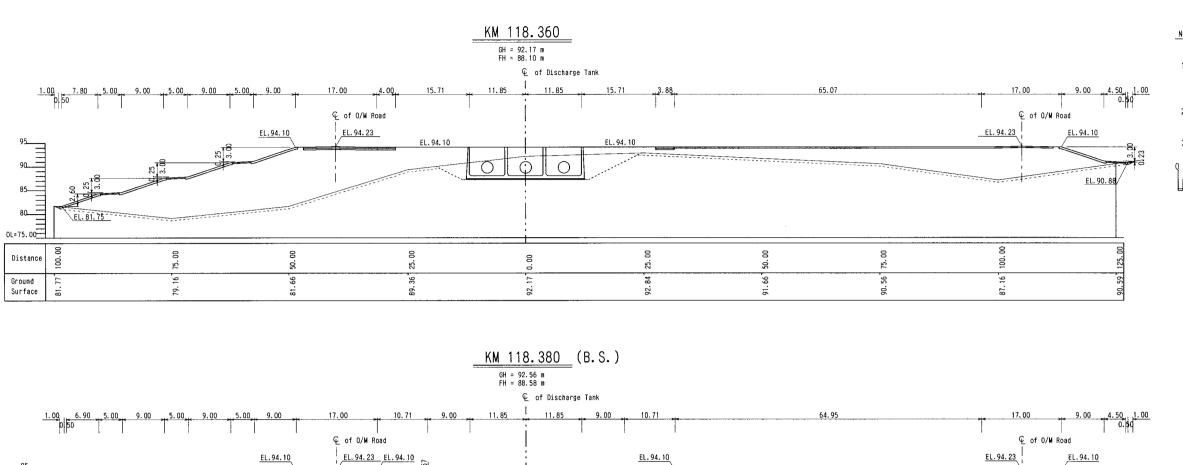
JAPAN INTERNATIONAL CODPERATION AGENCY (JICA)
SANYU CONSULTANTS INC.PACIFIC CONSULTANTS INTERNATION

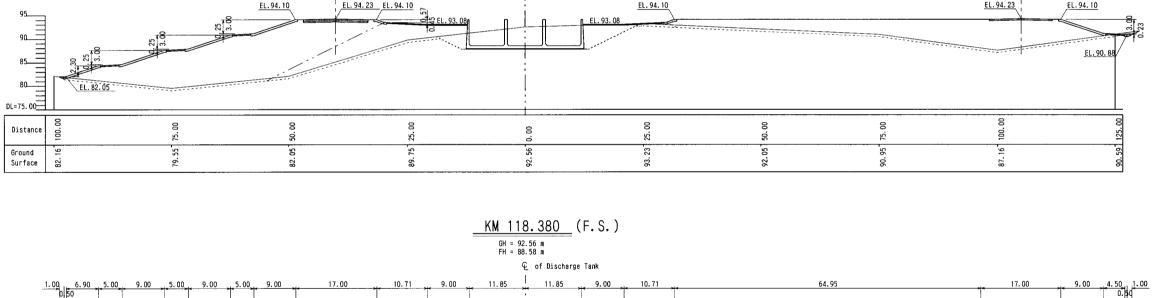
SANYU CONSULIA	INTS INC, PACIFIC CONSULTANTS INTERNATIOAL
DESIGNED	
TRACED	
CHECKED	
APPROVED	
DRAWING NO.	DPP-259

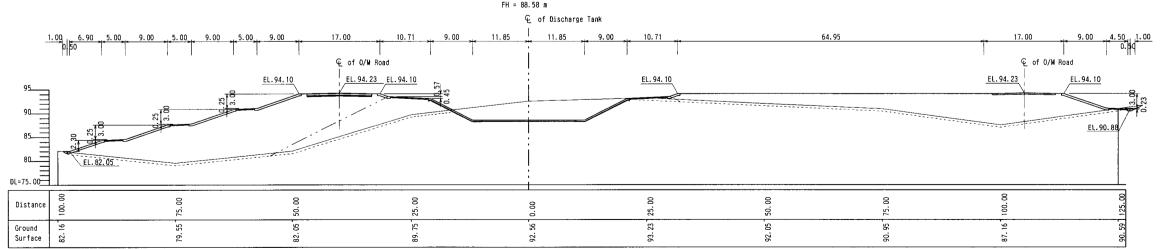












NOTES:

EL.90.88

1. This drawing shows

"DISTANCE 118.360KM to 118.380KM".

2. The benchmark referred to BM.07 of EL. 21.978 m.

3. This drawing scale is as follows;

20.00 30.00 SCALE 1:800

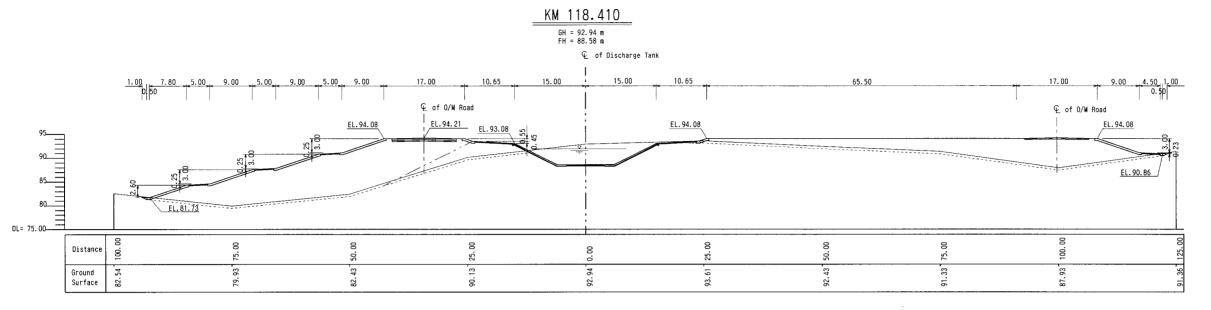
THE ARAB REPUBLIC OF EGYPT
MINISTRY OF WATER RESOURCES AND IRRIGATION
NORTH SINAI DEVELOPMENT ORGANIZATION

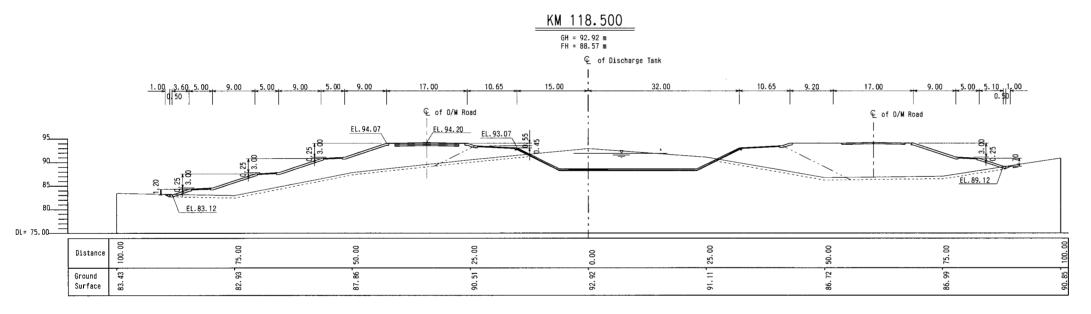
THE NORTH SINAI INTEGRATED RURAL DEVELOPMENT PROJECT (PHASE II)

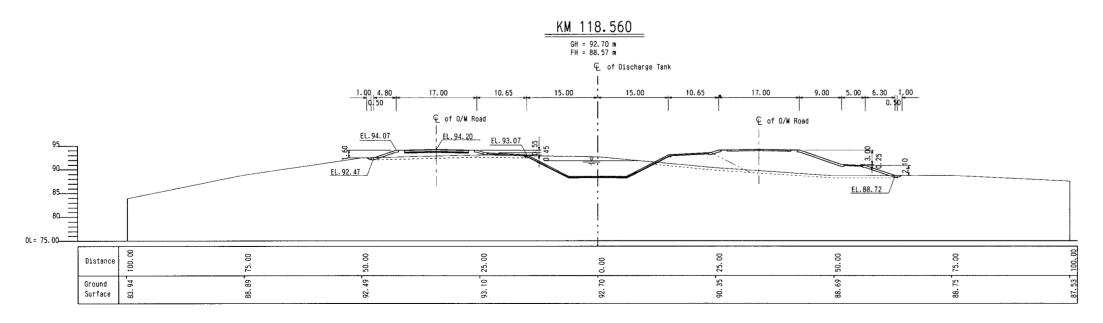
CONVEYANCE SYSTEM OF EL SHEIKH GABER EL SABBAH CANAL BETWEEN KM 108.466 AND KM 118.560 EL SALAAM No.7(BIR EL ABD)PUMPING STATION DISCHARGE TANK CROSS SECTIONS (1/2)

JAPAN INTERNATIONAL COOPERATION AGENCY(JICA)
SANYU CONSULTANTS INC, PACIFIC CONSULTANTS INTERNATIONA

SHALO GORGOTIVALO THOST VOLL TO CONCOCTIVALO THICHWALLOWY	
DESIGNED	
TRACED	
CHECKED	
APPROVED	
DRAWING NO.	DST-204







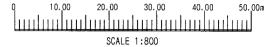
NOTES:

1. This drawing shows

"DISTANCE 118.410KM to 118.560KM".

2. The benchmark referred to BM. 07 of EL. 21.978 m.

3. This drawing scale is as follows;



THE ARAB REPUBLIC OF EGYPT
MINISTRY OF WATER RESOURCES AND IRRIGATION
NORTH SINAI DEVELOPMENT ORGANIZATION

THE NORTH SINAI INTEGRATED RURAL DEVELOPMENT PROJECT (PHASE Ⅲ)

CONVEYANCE SYSTEM OF EL SHEIKH GABER EL SABBAH CANAL BETWEEN KM 108.466 AND KM 118.560 EL SALAAM NO.7(BIR EL ABD)PUMPING STATION DISCHARGE TANK CROSS SECTIONS (2/2)

JAPAN INTERNATIONAL COOPERATION AGENCY(JICA)
SANYU CONSULTANTS INC, PACIFIC CONSULTANTS INTERNATIONAL

DESIGNED	
TRACED	
CHECKED	
APPROVED	
DRAWING NO.	DST-205