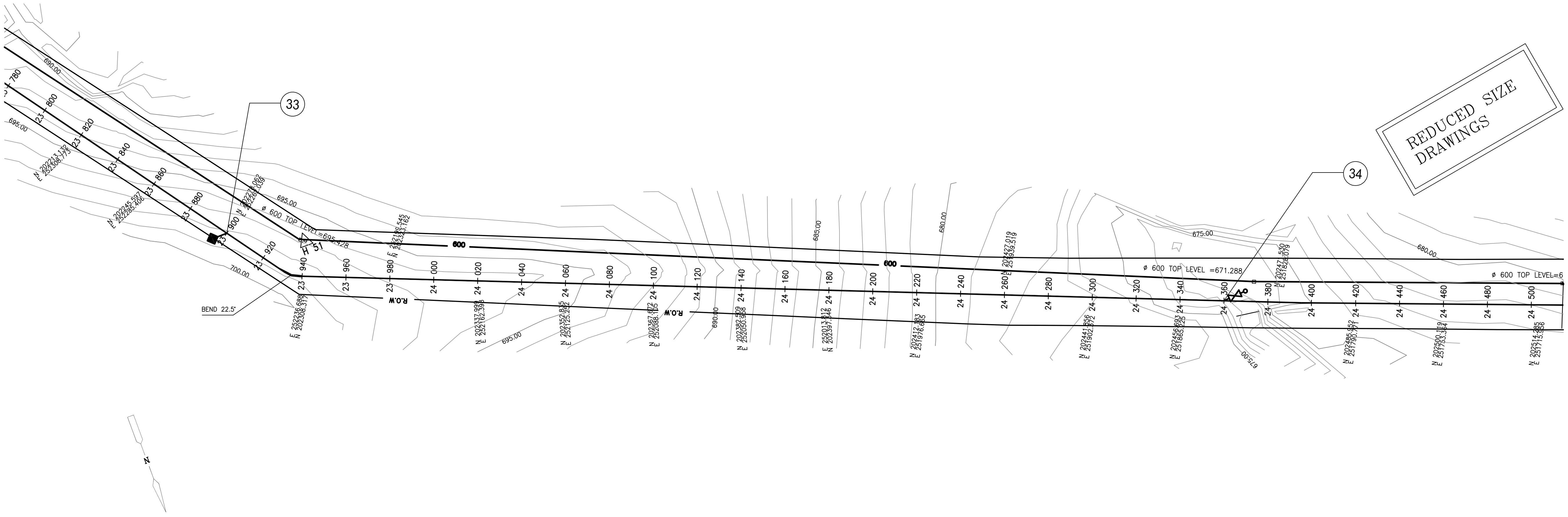
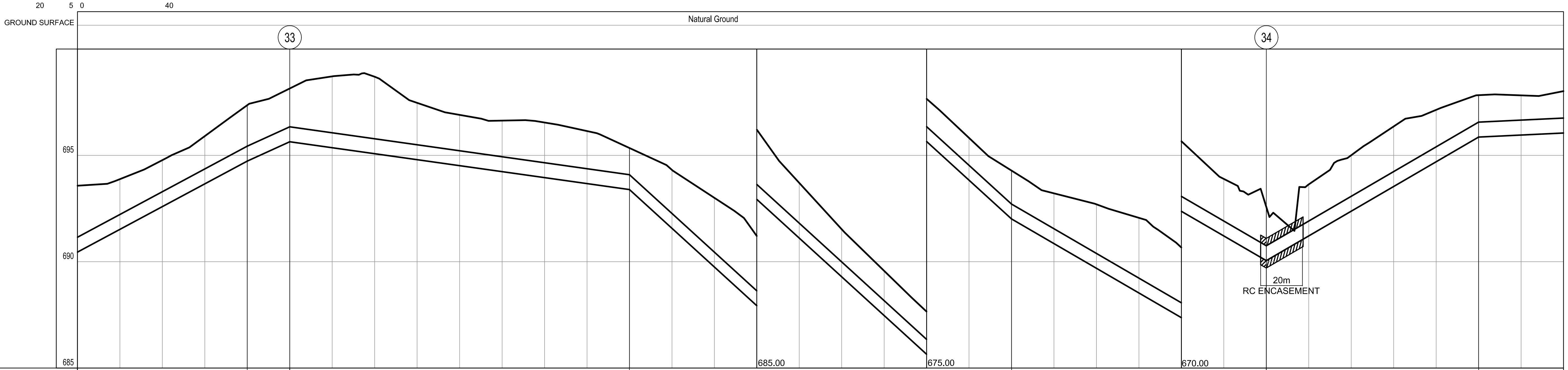


METER
20 5 0 40



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN16	80.00	53.50
ND 700 DI PN16	20.00	45.50
ND 700 DI PN16	160.00	-14.06
ND 700 DI PN25	180.00	-91.00
ND 700 DI PN25	120.00	-58.00
ND 700 DI PN25	100.00	58.10
ND 700 DI PN25	40.00	4.75

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
23+800	693.57	691.155	
23+820	693.88		
23+840	694.78		
23+860	695.90		
23+880	697.36	695.435	
23+900	698.14	696.335	◆
23+920	698.71		
23+935.1	698.86		22.5°
23+940	698.69		
23+960	697.47		
23+980	696.90		
24+000	696.63		
24+020	696.54		
24+040	696.14		
24+060	695.35	694.095	
24+080	694.32		
24+100	693.00		
24+120	691.21		
24+140	688.71		
24+160	686.53		
24+180	684.57		
24+200	682.66		
24+220	680.82		
24+240	679.29	677.715	
24+260	678.21		
24+280	677.70		
24+300	677.06		
24+320	675.66		
24+340	673.89		
24+360	672.58	670.755	valve
24+380	673.63		
24+400	675.01		
24+420	676.36		
24+440	677.14		
24+460	677.83	676.555	
24+480	677.82		
24+500	678.02	676.755	

REV.	DATE	DRAWN	CHKD	REMARKS

DESIGNED: L.H. & A.H. | CHECKED: S.Q. | SCALE: V= 1:100 H= 1:1000
DRAWN: N.K. | APPROVED: M.M. | DATE: NOV. 2005

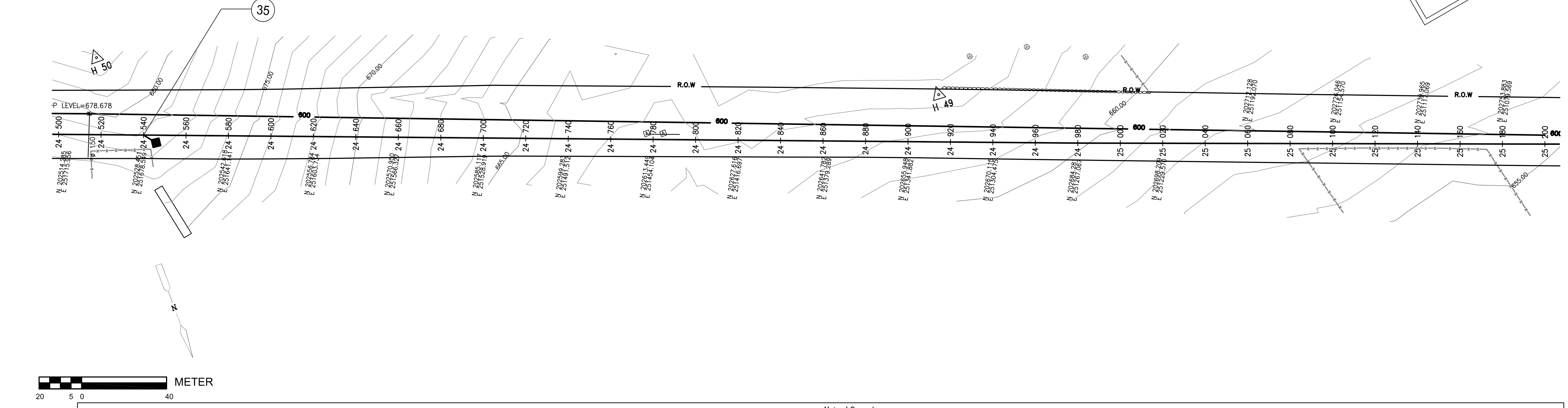
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

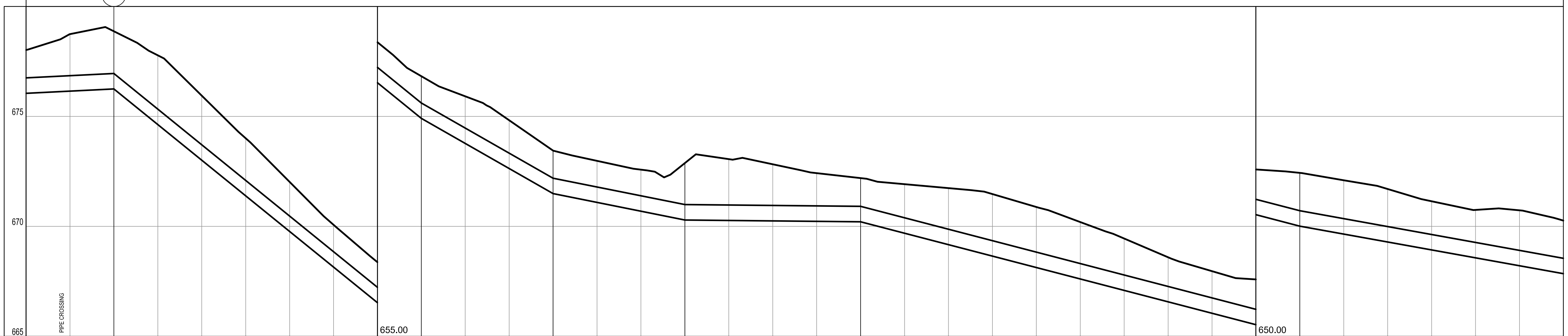
PIPELINE PLAN AND PROFILE
ST. 23+800 - 24+500

PROJECT NO. : 3029-42324
DRAWING NO. : P-35

REDUCED SIZE DRAWINGS



GROUND SURFACE — Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN25	40.00	5.00
ND 700 DI PN25	140.00	-81.00
ND 700 DI PN25	60.00	-57.00
ND 700 DI PN25	60.00	-20.00
ND 700 DI PN25	80.00	-1.00
ND 700 DI PN25	200.00	-26.00
ND 700 DI PN25	120.00	-18.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
24+500	678.02	676.755	
24+520	678.74		
24+540	678.87	676.955	◆
24+560	677.78		
24+580	675.94		
24+600	674.01		
24+620	672.02		
24+640	670.07		
24+660	668.37		
24+680	666.83	665.615	
24+700	665.91		
24+720	664.83		
24+740	663.45	662.195	
24+760	662.98		
24+780	662.58		
24+800	662.88	660.995	
24+820	663.06		
24+840	662.82		
24+860	662.42		
24+880	662.20	660.915	
24+900	661.92		
24+920	661.74		
24+940	661.47		
24+960	660.88		
24+980	660.20		
25+000	659.45		
25+020	658.59		
25+040	657.96		
25+060	657.59		
25+080	657.43	655.715	
25+100	657.10		
25+120	656.70		
25+140	656.14		
25+160	655.75		
25+180	655.73		
25+200	655.26	653.555	

REV.	DATE	DRAWN	CHKD	REMARKS

DESIGNED:	CHECKED:	SCALE:
L.H. & A.H.	S.Q.	V= 1:100 H= 1:1000
DRAWN:	APPROVED:	DATE:
N.K.	M.M.	NOV. 2005

سلطة المياه
WATER AUTHORITY - JORDAN

USAID
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CDM
CDM International Inc.

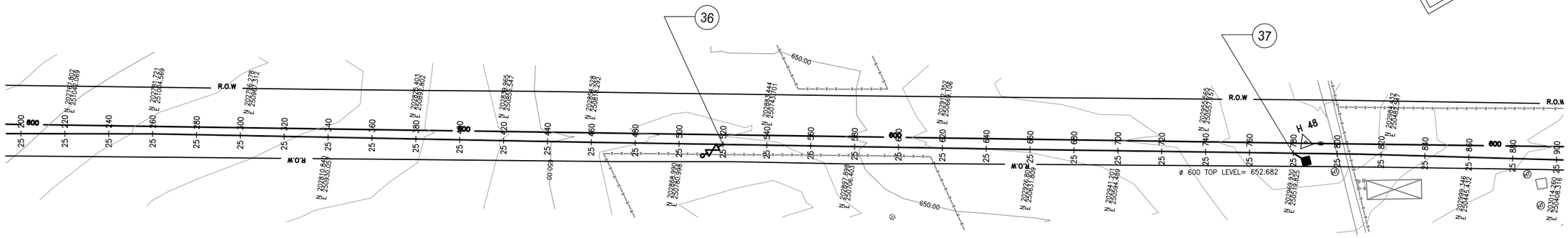
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

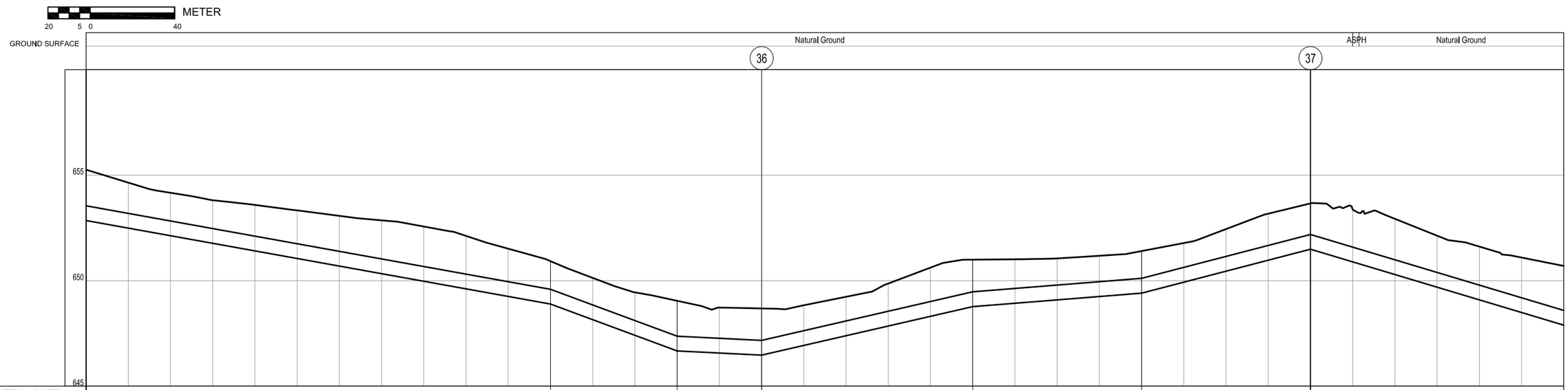
PROJECT NO. : 3029-42324

PIPELINE PLAN AND PROFILE
ST. 24+500 - 25+200

DRAWING NO. : P-36

REDUCED SIZE DRAWINGS





DIAMETER IN mm.& MATERIAL	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25
DIST. BETWEEN SLOPE	220.00	60.00	40.00	100.00	80.00	80.00	120.00
GRADIENT IN 1/1000	-18.00	-37.00	-5.00	23.00	8.00	26.00	-30.00

GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	CUMULATIVE DISTANCE IN m.
655.26	653.555	25+200
654.65		25+220
654.17		25+240
653.81		25+260
653.59		25+280
653.33		25+300
653.07		25+320
652.86		25+340
652.57		25+360
652.12		25+380
651.52		25+400
650.93	649.595	25+420
650.13		25+440
649.44		25+460
649.05	647.375	25+480
648.88		25+490
648.72		25+500
648.69	647.175	25+520
648.84		25+540
649.24		25+560
649.87		25+580
650.62		25+600
651.00	649.475	25+620
651.01		25+640
651.05		25+660
651.18		25+680
651.40	650.115	25+700
651.78		25+720
652.45		25+740
653.18		25+760
653.68	652.195	25+780
653.38		25+800
653.30		25+803
652.93		25+820
652.13		25+840
651.62		25+860
651.10		25+880
650.70	648.595	25+900

VALVES AND FITTINGS

REV.	DATE	DRAWN	CHKD	REMARKS

DESIGNED:	CHECKED:	SCALE:
L.H. & A.H.	S.Q.	V= 1:100 H= 1:1000
DRAWN: N.K.	APPROVED: M.M.	DATE: NOV. 2005

CDM International Inc.

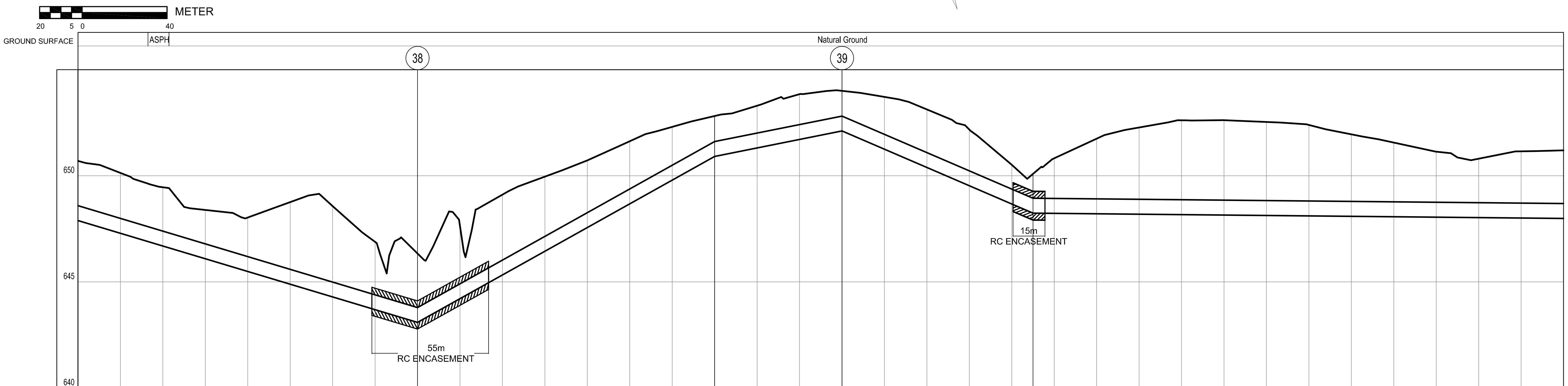
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 25+200 - 25+900

PROJECT NO. : 3029-42324

DRAWING NO. : P-37

REDUCED SIZE DRAWINGS



DIAMETER IN mm.& MATERIAL	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25	ND 700 DI PN25
DIST. BETWEEN SLOPE	160.00	140.00	60.00	90.00	250.00
GRADIENT IN 1/1000	-30.00	55.86	20.00	-43.00	-1.00

CUMULATIVE DISTANCE IN m.	25+900	25+920	25+933	25+940	25+943	25+960	25+980	26+000	26+020	26+040	26+060	26+080	26+100
GROUND LEVEL IN m.	650.70	650.14	649.69	649.46	649.30	648.39	648.03	648.76	648.57	646.89	646.34	647.63	649.11
PIPE CROWN ELEVATION IN m.	648.595										643.795		
VALVES AND FITTINGS													

CUMULATIVE DISTANCE IN m.	26+120	26+140	26+160	26+180	26+200	26+220	26+240	26+260	26+280	26+300	26+320	26+340	26+350
GROUND LEVEL IN m.	649.96	650.73	651.63	652.30	652.82	653.30	653.84	654.00	653.72	653.12	652.18	650.52	650.67
PIPE CROWN ELEVATION IN m.					651.607			652.807					648.937
VALVES AND FITTINGS													

CUMULATIVE DISTANCE IN m.	26+360	26+380	26+400	26+420	26+440	26+460	26+480	26+500	26+520	26+540	26+560	26+580	26+600
GROUND LEVEL IN m.	650.82	651.75	652.27	652.61	652.62	652.54	652.39	651.95	651.56	651.14	650.80	651.15	651.20
PIPE CROWN ELEVATION IN m.													648.687
VALVES AND FITTINGS													

REV.	DATE	DRAWN	CHKD	REMARKS

DESIGNED:	CHECKED:	SCALE:
L.H. & A.H.	S.Q.	V= 1:100 H= 1:1000
DRAWN: N.K.	APPROVED: M.M.	DATE: NOV. 2005

Water Authority - Jordan

USAID FROM THE AMERICAN PEOPLE

CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 25+900 - 26+600

PROJECT NO. : 3029-42324

DRAWING NO. : P-38