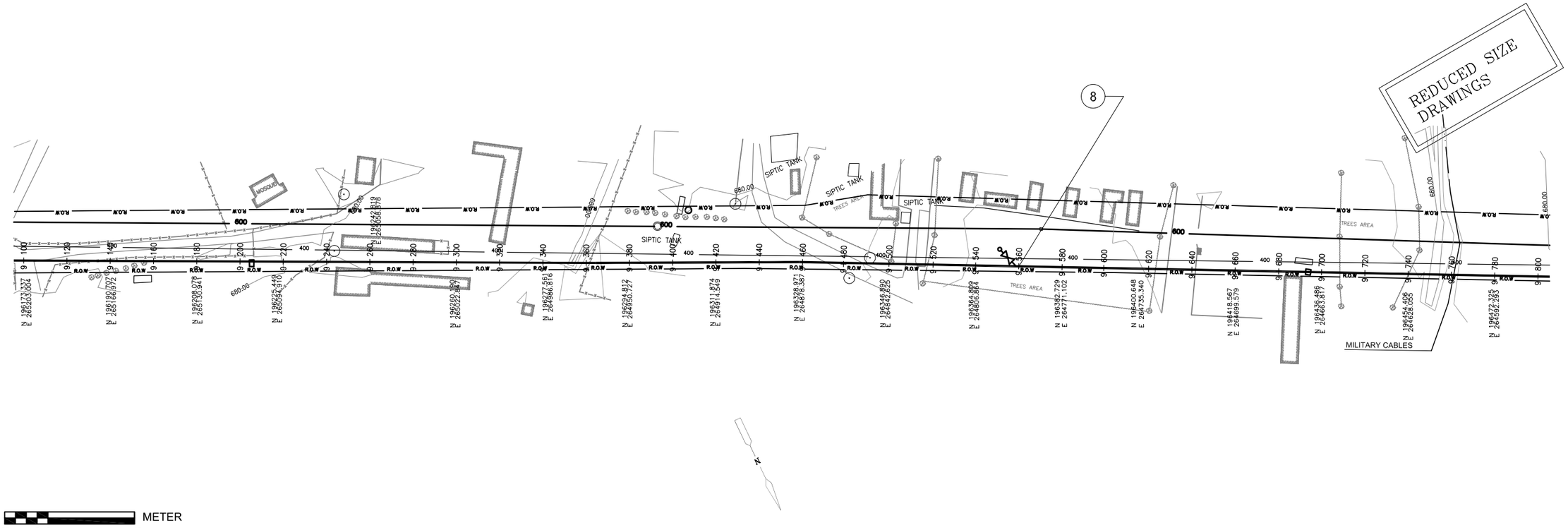
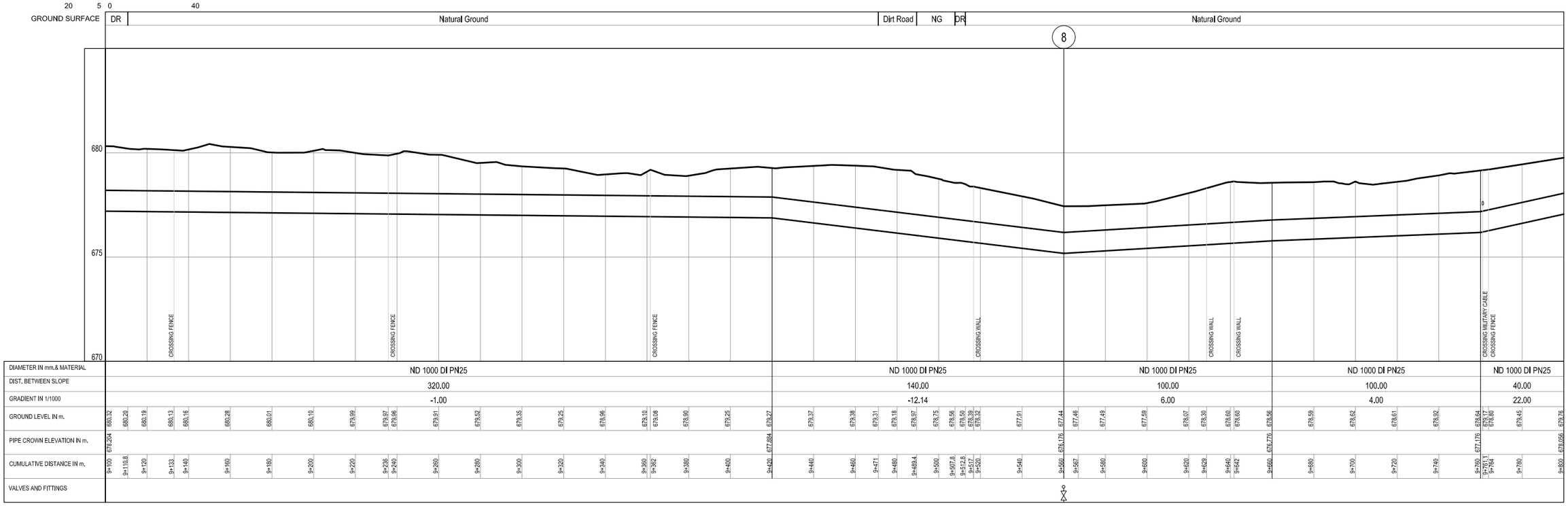


METER
20 5 0 40



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

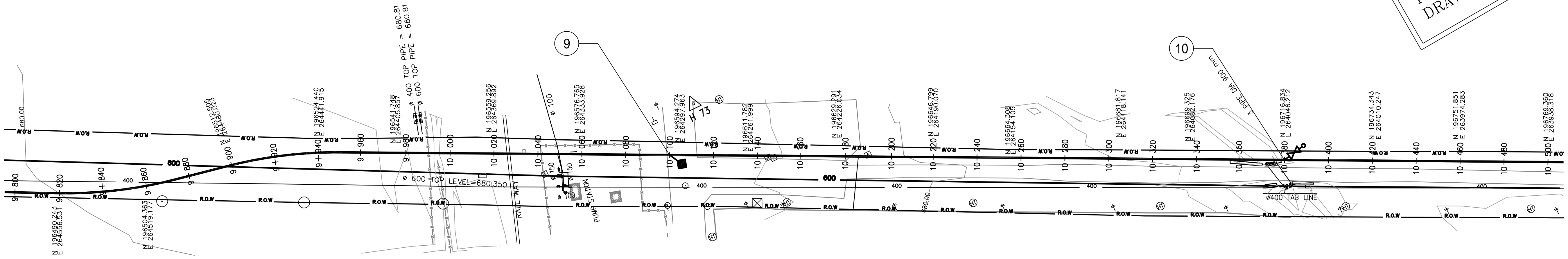
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 9+100 - 9+800

PROJECT NO. : 3029-42324

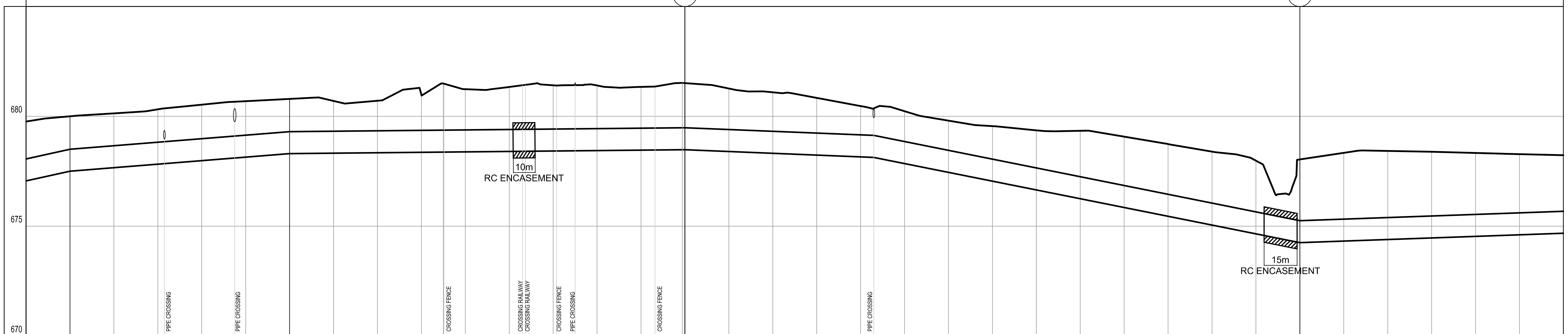
DRAWING NO. : P-14



METER

20 5 0 40

GROUND SURFACE: Natural Ground | ASPH | Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 1000 DI PN25	20.00	22.00
ND 1000 DI PN25	100.00	8.00
ND 1000 DI PN25	180.00	1.00
ND 1000 DI PN25	86.00	-4.07
ND 1000 DI PN25	194.00	-20.00
ND 1000 DI PN25	120.00	3.58

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
9+800	679.76	678.056
9+820	680.00	678.496
9+840	680.13	
9+860	680.32	
9+863	680.28	
9+880	680.53	
9+895	680.65	
9+900	680.69	
9+920	680.79	679.296
9+940	680.70	
9+960	680.71	
9+980	680.98	
9+990	681.11	
10+000	681.24	
10+020	681.34	
10+026	681.40	
10+027.3	681.43	
10+040	681.41	
10+041.5	681.40	
10+050	681.42	
10+060	681.40	
10+070	681.37	
10+080	681.34	
10+086	681.39	
10+098.8	681.52	679.476
10+100	681.51	
10+113	681.36	
10+120	681.27	
10+140	681.09	
10+160	680.84	
10+180	680.47	
10+182.2	680.43	
10+186	680.40	679.132
10+200	680.23	
10+220	679.80	
10+240	679.56	
10+260	679.36	
10+280	679.34	
10+300	679.07	
10+320	678.74	
10+340	678.40	
10+360	677.98	
10+380	678.04	675.252
10+400	678.34	
10+420	678.42	
10+440	678.39	
10+460	678.33	
10+480	678.28	
10+500	678.23	675.684

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

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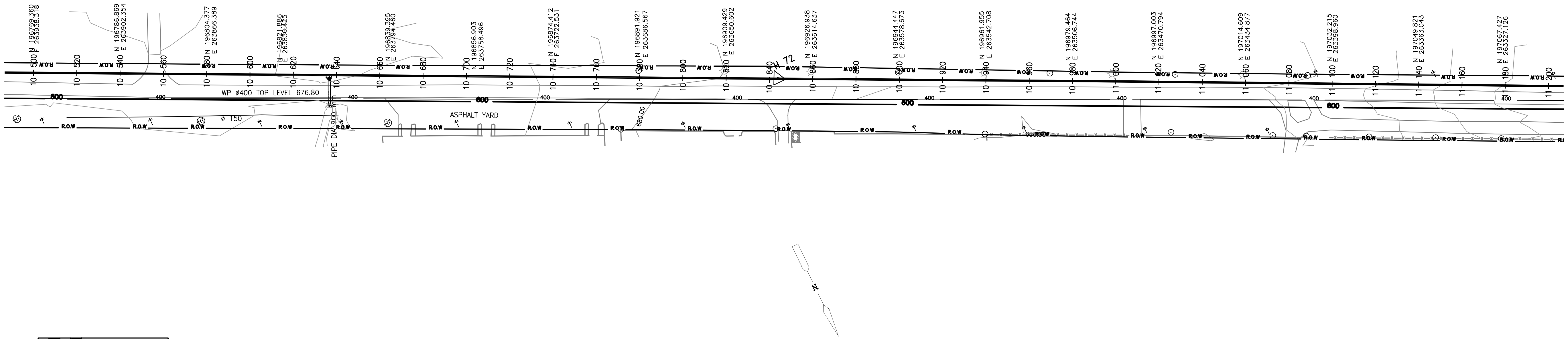
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 9+800 - 10+500

PROJECT NO. : 3029-42324

DRAWING NO. : P-15

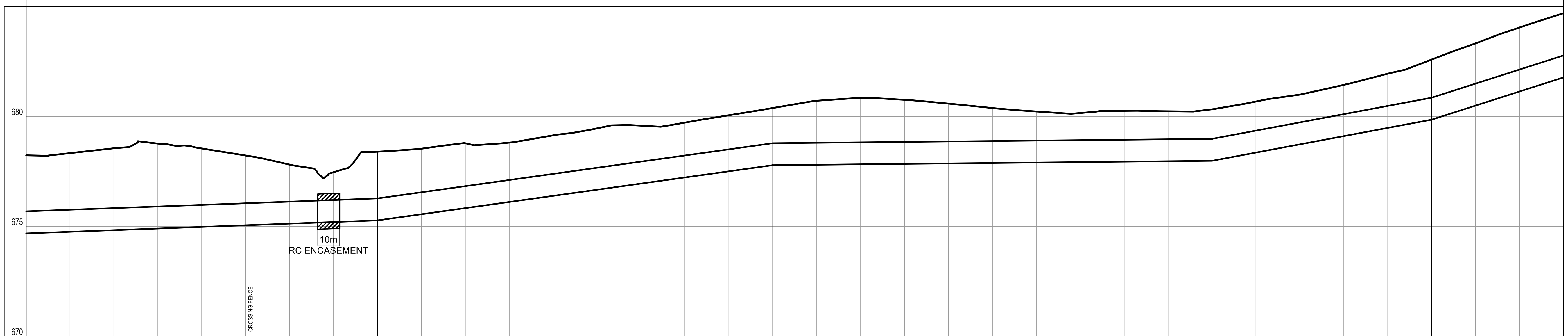


REDUCED SIZE DRAWINGS

METER

20 5 0 40

GROUND SURFACE	Natural Ground	ASPH	Natural Ground



DIAMETER IN mm.& MATERIAL	ND 1000 DI PN25	ND 1000 DI PN25	ND 1000 DI PN25	ND 1000 DI PN25	ND 1000 DI PN25
DIST. BETWEEN SLOPE	160.00	180.00	200.00	100.00	60.00
GRADIENT IN 1/1000	3.69	13.94	1.00	18.70	32.00

CUMULATIVE DISTANCE IN m.	10+500	10+520	10+540	10+551	10+560	10+562	10+580	10+600	10+620	10+640	10+660
GROUND LEVEL IN m.	678.23	678.33	678.55	678.66	678.76	678.75	678.54	678.22	677.81	677.46	678.39
PIPE CROWN ELEVATION IN m.	675.684										676.26

CUMULATIVE DISTANCE IN m.	10+680	10+700	10+720	10+740	10+760	10+780	10+800	10+820	10+840
GROUND LEVEL IN m.	678.53	678.78	678.81	679.14	679.46	679.58	679.72	680.05	680.38
PIPE CROWN ELEVATION IN m.									678.78

CUMULATIVE DISTANCE IN m.	10+860	10+880	10+900	10+920	10+940	10+960	10+980	11+000	11+020	11+040
GROUND LEVEL IN m.	680.71	680.84	680.75	680.58	680.38	680.22	680.15	680.25	680.23	680.32
PIPE CROWN ELEVATION IN m.										678.98

CUMULATIVE DISTANCE IN m.	11+060	11+080	11+100	11+120	11+140	11+160	11+180	11+200
GROUND LEVEL IN m.	680.68	680.99	681.43	681.94	682.59	683.32	684.04	684.69
PIPE CROWN ELEVATION IN m.					680.85			682.77

VALVES AND FITTINGS	

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

Water Authority - Jordan

USAID FROM THE AMERICAN PEOPLE

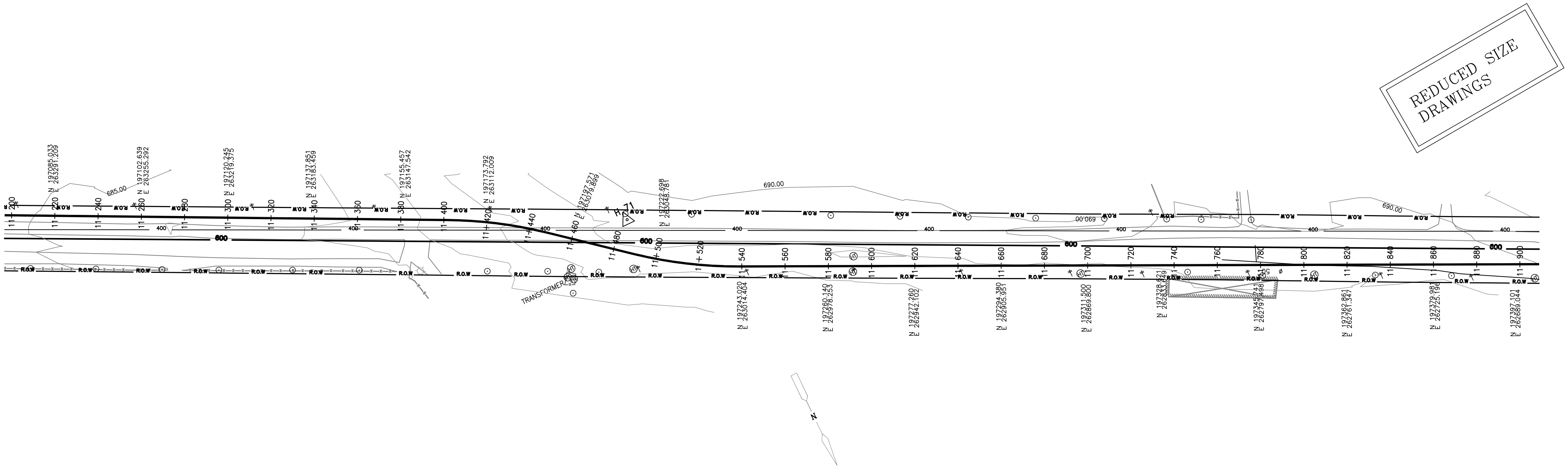
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 10+500 - 11+200

PROJECT NO. : 3029-42324

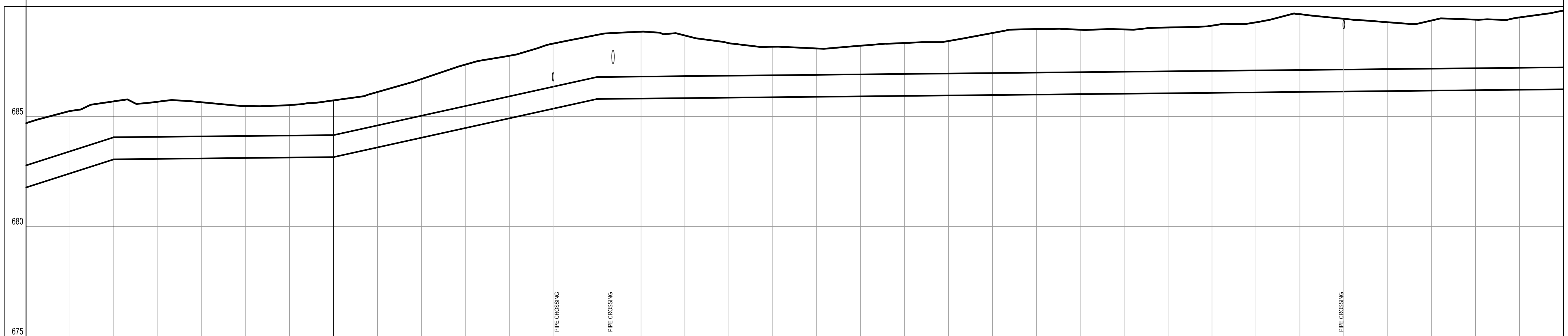
DRAWING NO. : P-16



METER

20 5 0 40

GROUND SURFACE	Natural Ground	ASPH	Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 1000 DI PN25	40.00	32.00
ND 1000 DI PN25	100.00	1.00
ND 1000 DI PN25	120.00	22.00
ND 1000 DI PN25	440.00	1.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
11+200	684.69	682.77
11+220	685.25	
11+240	685.68	684.05
11+260	685.67	
11+280	685.64	
11+300	685.47	
11+320	685.51	
11+340	685.73	684.15
11+360	686.11	
11+380	686.70	
11+400	687.36	
11+420	687.75	
11+435	688.16	
11+440	688.31	
11+460	688.70	686.79
11+465	688.78	
11+467	688.79	
11+480	688.85	
11+500	688.68	
11+520	688.33	
11+540	688.17	
11+560	688.09	
11+580	688.21	
11+600	688.34	
11+620	688.43	
11+640	688.79	
11+660	688.97	
11+680	688.94	
11+700	688.95	
11+720	689.04	
11+740	689.13	
11+760	689.28	
11+780	689.65	
11+800	689.44	
11+820	689.28	
11+840	689.36	
11+860	689.40	
11+880	689.50	
11+900	689.81	687.23

VALVES AND FITTINGS

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

CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 11+200 - 11+900

PROJECT NO. : 3029-42324

DRAWING NO. : P-17