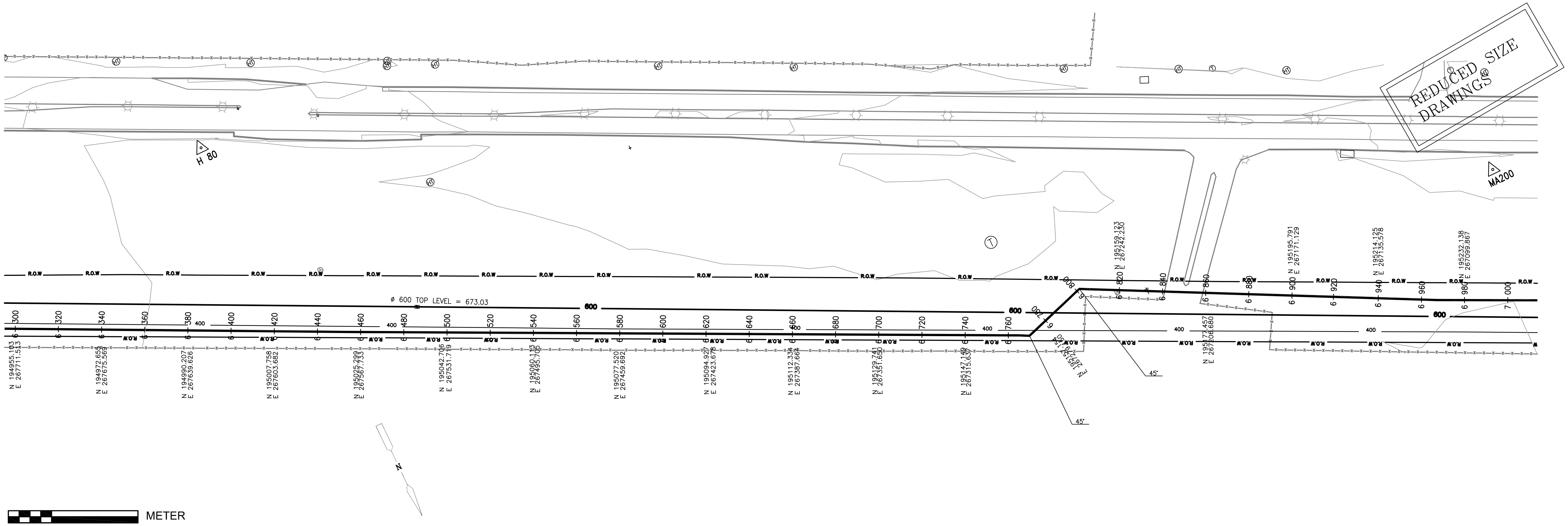
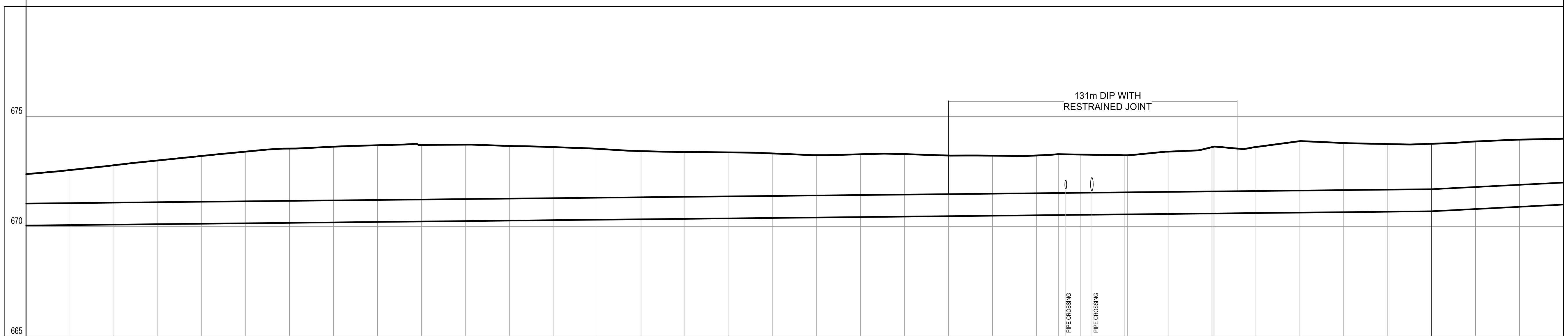


GROUND SURFACE: Natural Ground | ASPH



DIAMETER IN mm.& MATERIAL: ND 1000 DI PN25 (6+300 – 6+940); ND 1000 DI PN25 (6+940 – 7+000)

DIST. BETWEEN SLOPE: 640.00 (6+300 – 6+940); 60.00 (6+940 – 7+000)

GRADIENT IN 1/1000: 1.01 (6+300 – 6+940); 6.27 (6+940 – 7+000)

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
6+300	672.37	671.021
6+320	672.56	
6+340	672.78	
6+360	673.00	
6+380	673.20	
6+400	673.40	
6+420	673.54	
6+440	673.62	
6+460	673.69	
6+480	673.70	
6+500	673.72	
6+520	673.66	
6+540	673.60	
6+560	673.53	
6+580	673.42	
6+600	673.39	
6+620	673.36	
6+640	673.31	
6+660	673.24	
6+680	673.28	
6+700	673.28	
6+720	673.22	
6+740	673.21	
6+760	673.22	
6+770	673.28	
6+773	673.27	
6+780	673.26	
6+785	673.26	
6+800	673.24	
6+801	673.25	
6+820	673.40	
6+840	673.60	
6+840.9	673.62	
6+858.8	673.60	
6+860	673.61	
6+880	673.88	
6+900	673.79	
6+920	673.74	
6+940	673.76	671.687
6+960	673.86	
6+980	673.94	
7+000	673.99	671.994

VALVES AND FITTINGS: 45° (at 6+770), 45° (at 6+800)

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

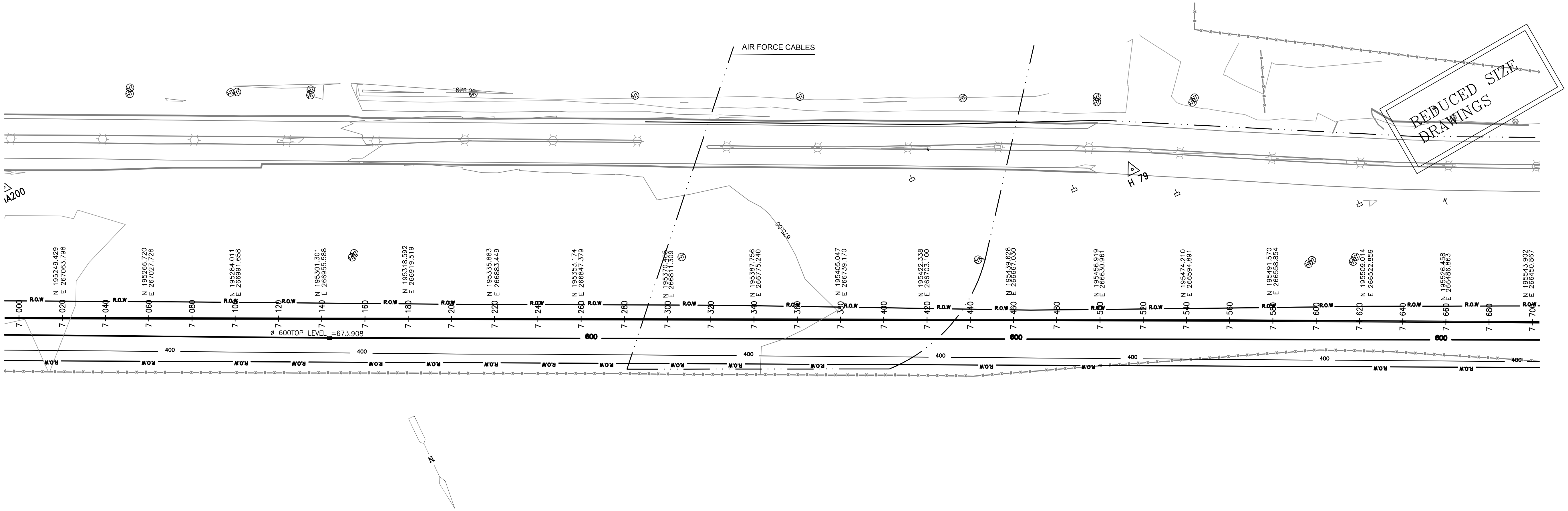
CDM International Inc.

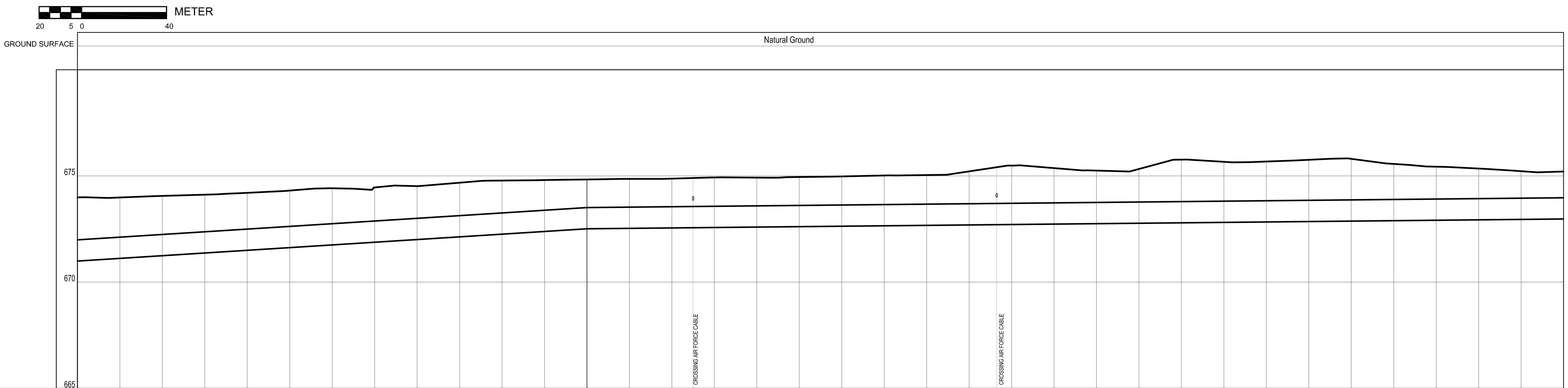
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 6+300 - 7+000

PROJECT NO. : 3029-42324

DRAWING NO. : P-10





	7+000 – 7+240	7+240 – 7+700
DIAMETER IN mm.& MATERIAL	ND 1000 DI PN25	ND 1000 DI PN25
DIST. BETWEEN SLOPE	240.00	460.00
GRADIENT IN 1/1000	6.33	1.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
7+000	673.99	671.994
7+020	673.99	
7+040	674.06	
7+060	674.12	
7+080	674.20	
7+100	674.31	
7+120	674.42	
7+140	674.46	
7+160	674.52	
7+180	674.68	
7+200	674.78	
7+220	674.81	
7+240	674.83	673.506
7+260	674.86	
7+280	674.87	
7+289	674.90	
7+300	674.93	
7+320	674.92	
7+340	674.95	
7+360	674.98	
7+380	675.02	
7+400	675.04	
7+420	675.21	
7+433	675.39	
7+440	675.49	
7+460	675.37	
7+480	675.25	
7+500	675.32	
7+520	675.77	
7+540	675.66	
7+560	675.68	
7+580	675.76	
7+600	675.80	
7+620	675.56	
7+640	675.43	
7+660	675.35	
7+680	675.22	
7+700	675.21	673.966

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

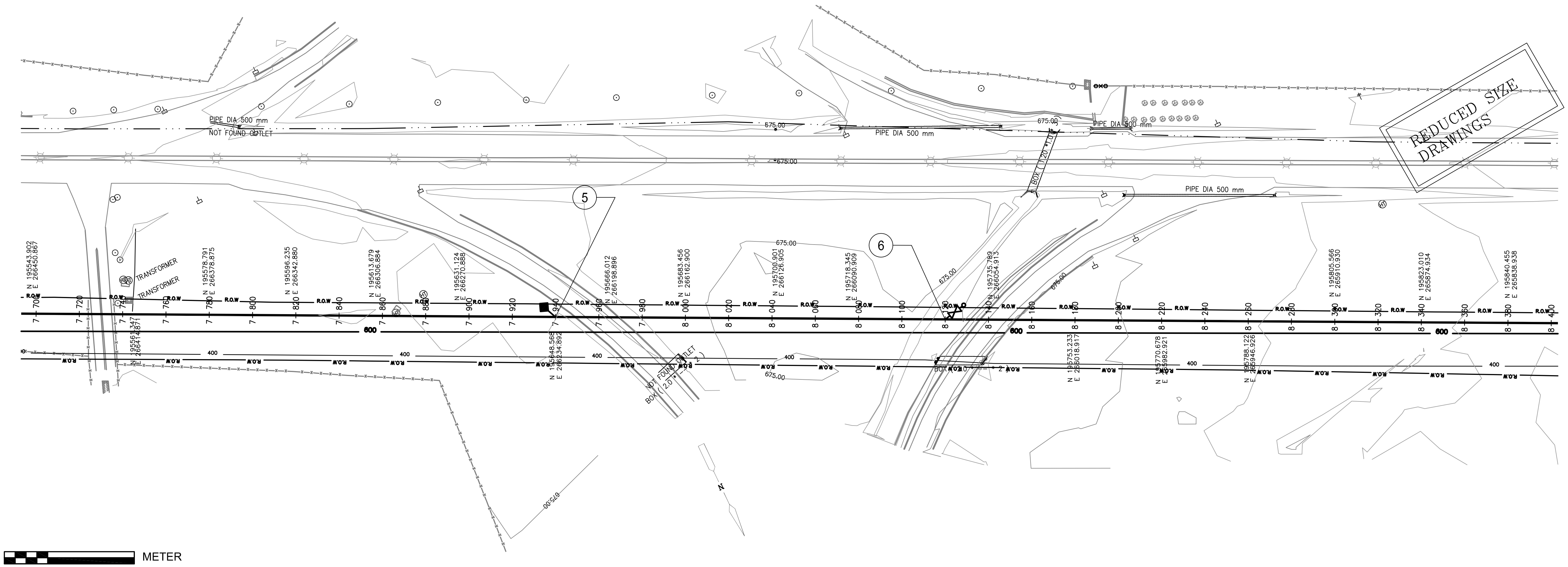
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 7+000 - 7+700

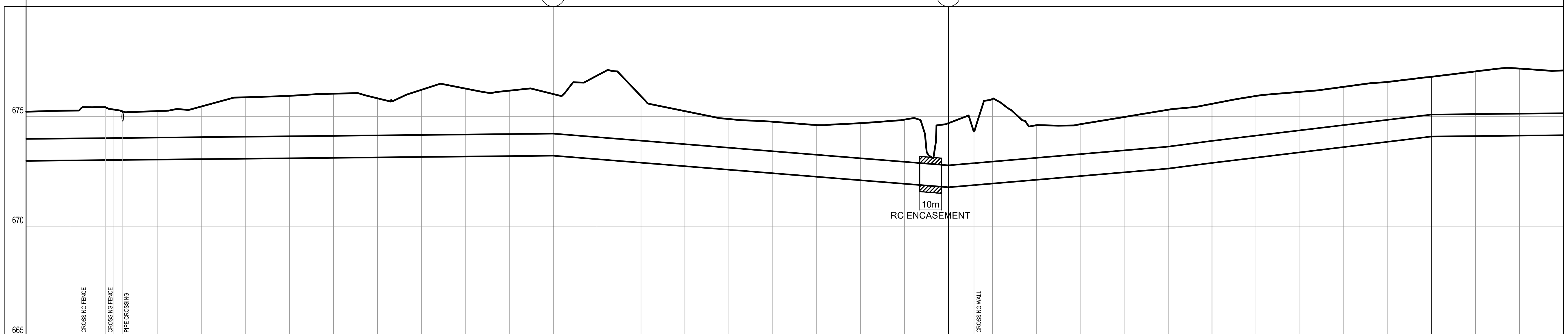
PROJECT NO. : 3029-42324

DRAWING NO. : P-11



METER
20 5 0 40

GROUND SURFACE	ASPH	Natural Ground	ASPH	Natural Ground	ASPH	Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 1000 DI PN25	240.00	1.00
ND 1000 DI PN25	180.00	-8.00
ND 1000 DI PN25	100.00	8.50
ND 1000 DI PN25	20.00	13.00
ND 1000 DI PN25	100.00	12.00
ND 1000 DI PN25	60.00	1.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
7+700	675.21	673.966
7+720	675.26	
7+724	675.27	
7+725.6	675.42	
7+735	675.41	
7+736	675.30	
7+740	675.31	
7+744	674.49	
7+760	675.24	
7+780	675.45	
7+800	675.87	
7+820	675.93	
7+840	676.03	
7+860	675.82	
7+880	676.21	
7+900	676.26	
7+920	676.17	
7+940	676.01	674.206
7+954	676.60	
7+960	676.85	
7+965	676.62	
7+980	675.92	
8+000	675.24	
8+020	674.88	
8+040	674.75	
8+060	674.60	
8+080	674.69	
8+100	674.85	
8+120	674.69	672.766
8+132	675.33	
8+140	675.80	
8+148	675.30	
8+160	674.59	
8+180	674.64	
8+200	674.97	
8+220	675.30	673.616
8+240	675.57	673.876
8+260	675.93	
8+280	676.11	
8+300	676.34	
8+320	676.56	
8+340	676.80	675.076
8+360	677.04	
8+380	677.17	
8+400	677.09	675.136

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

USAID FROM THE AMERICAN PEOPLE

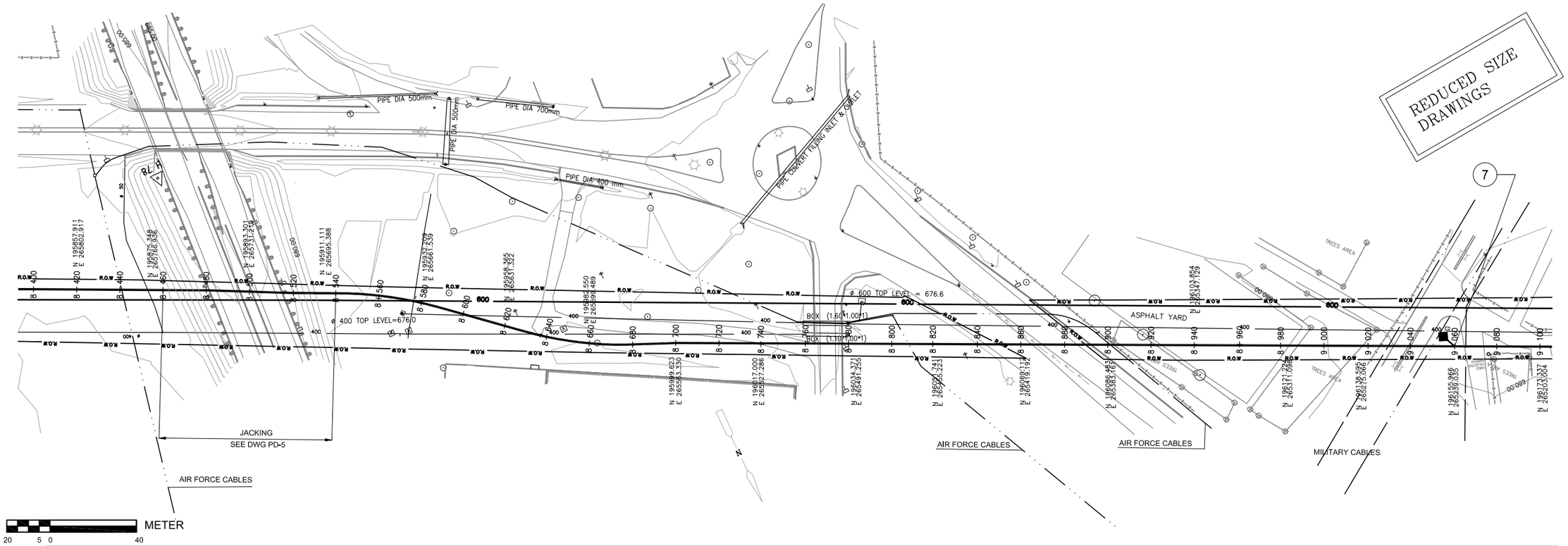
CDM International Inc.

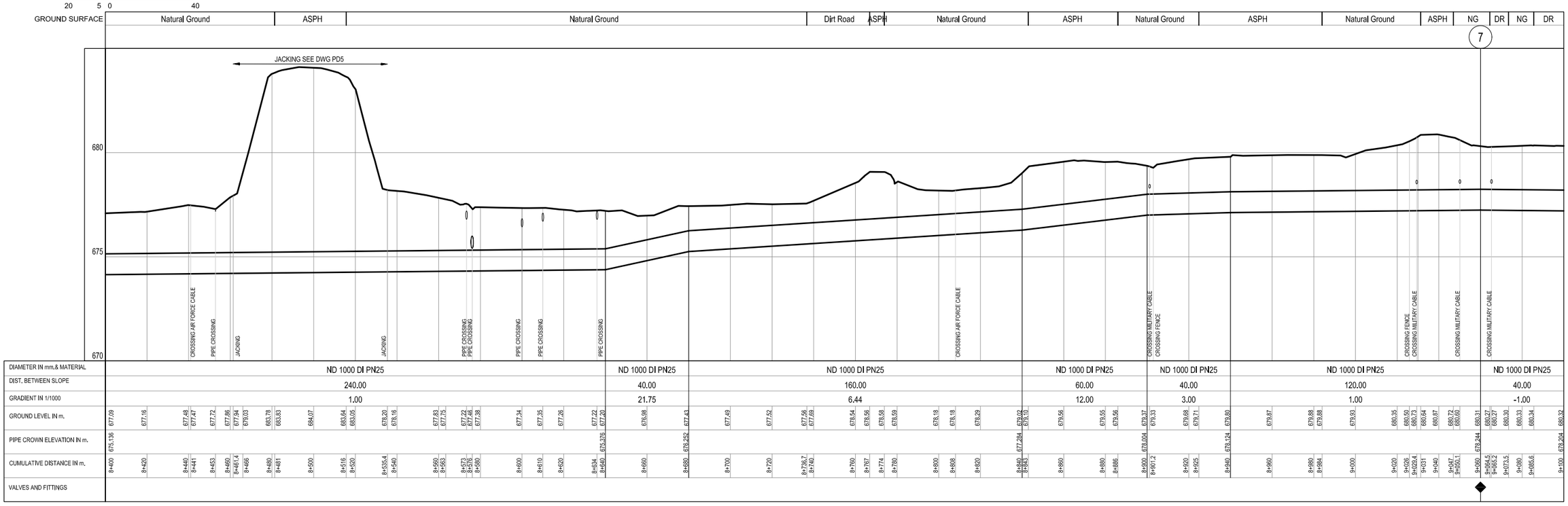
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 7+700 - 8+400

PROJECT NO. : 3029-42324

DRAWING NO. : P-12





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. 8+400 - 9+100

PROJECT NO. : 3029-42324

DRAWING NO. : P-13