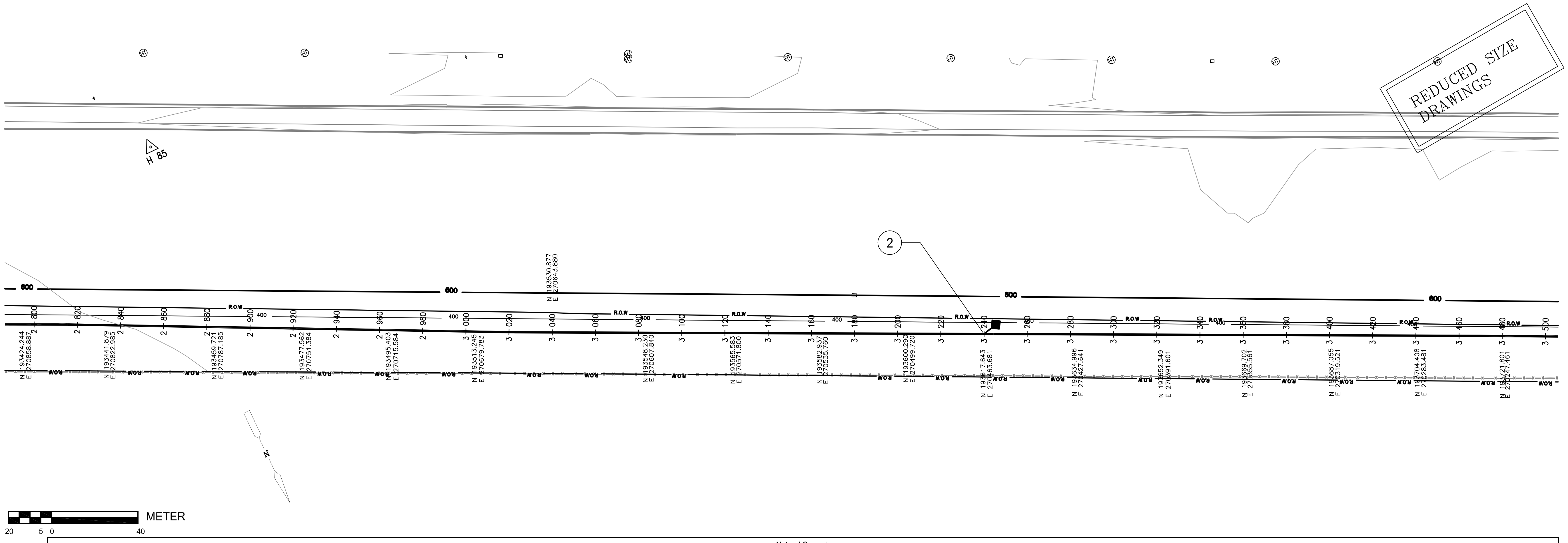

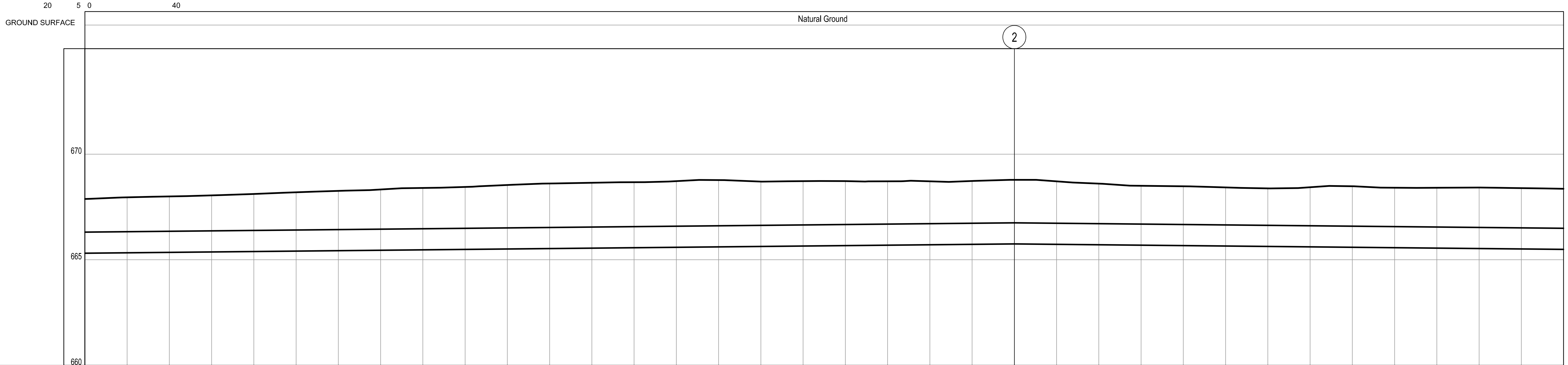

DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 1000 DI PN25	440.00	1.00
ND 1000 DI PN25	260.00	-1.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
2+800	667.88	666.307	
2+820	667.96		
2+840	668.00		
2+860	668.05		
2+880	668.12		
2+900	668.20		
2+920	668.26		
2+940	668.33		
2+960	668.40		
2+980	668.45		
3+000	668.54		
3+020	668.61		
3+040	668.65		
3+060	668.67		
3+080	668.72		
3+100	668.78		
3+120	668.70		
3+140	668.72		
3+160	668.72		
3+180	668.72		
3+200	668.72		
3+220	668.73		
3+240	668.79	666.747	◆
3+260	668.71		
3+280	668.60		
3+300	668.50		
3+320	668.48		
3+340	668.43		
3+360	668.38		
3+380	668.44		
3+400	668.48		
3+420	668.41		
3+440	668.41		
3+460	668.42		
3+480	668.39		
3+500	668.36	666.487	

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

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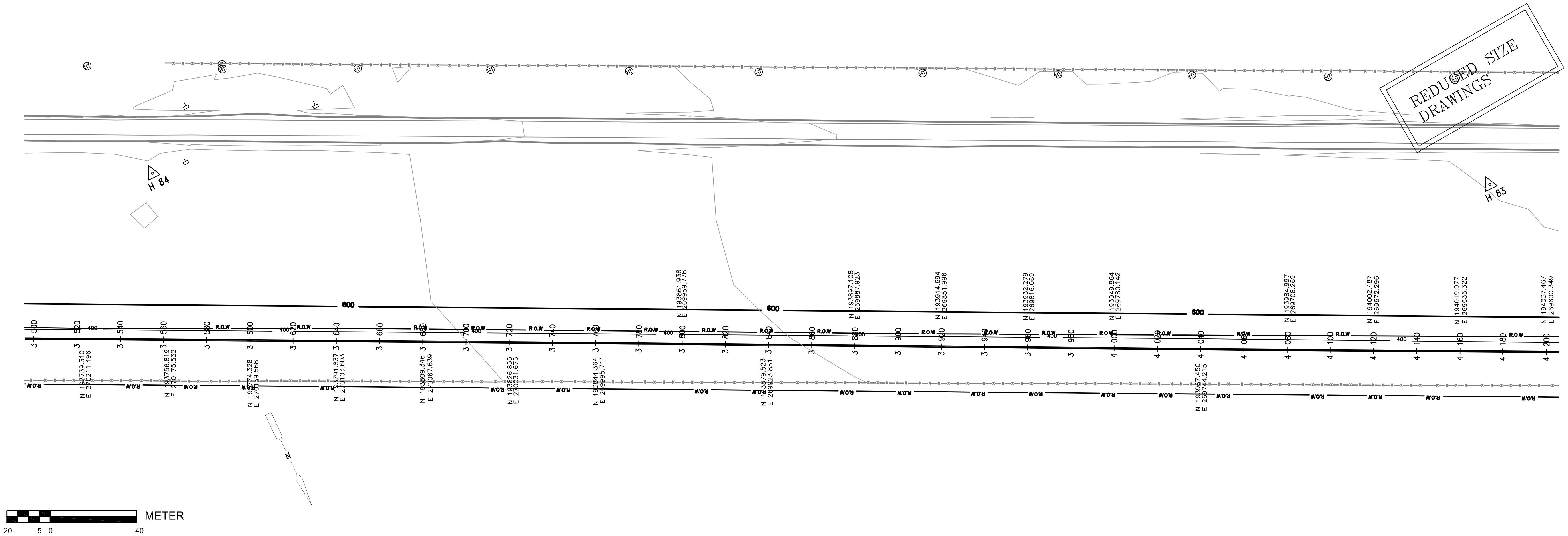
CDM International Inc.

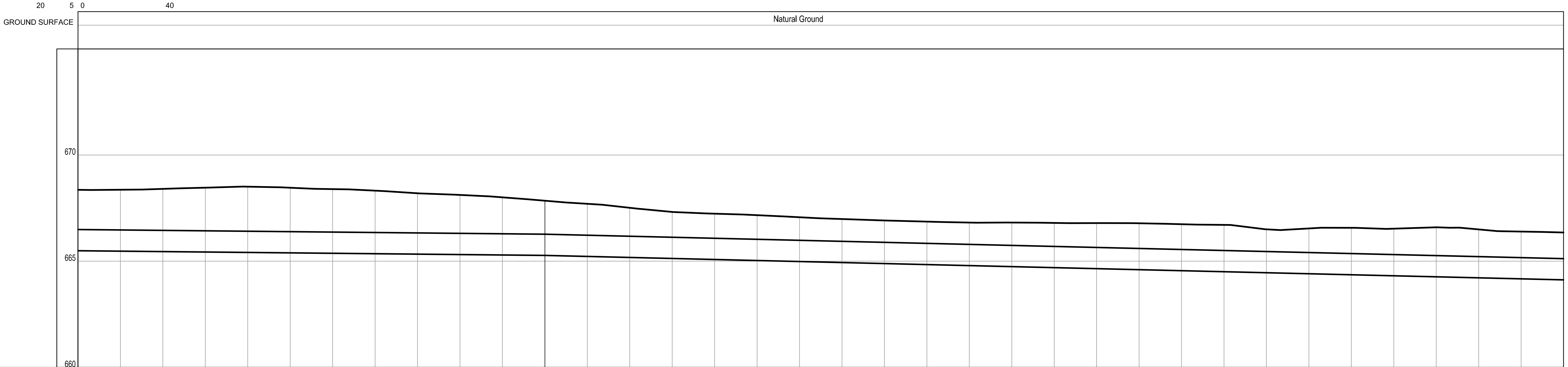
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 2+800 - 3+500

PROJECT NO. : 3029-42324

DRAWING NO. : P-5





	3+500 – 3+720	3+720 – 4+200
DIAMETER IN mm.& MATERIAL	ND 1000 DI PN25	ND 1000 DI PN25
DIST. BETWEEN SLOPE	220.00	480.00
GRADIENT IN 1/1000	-1.00	-2.40

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
3+500	668.36	666.487	
3+520	668.37		
3+540	668.41		
3+560	668.46		
3+580	668.51		
3+600	668.46		
3+620	668.39		
3+640	668.32		
3+660	668.20		
3+680	668.12		
3+700	668.01		
3+720	667.85	666.267	
3+740	667.70		
3+760	667.52		
3+780	667.32		
3+800	667.24		
3+820	667.17		
3+840	667.07		
3+860	666.99		
3+880	666.92		
3+900	666.86		
3+920	666.82		
3+940	666.82		
3+960	666.80		
3+980	666.80		
4+000	666.79		
4+020	666.74		
4+040	666.71		
4+060	666.50		
4+080	666.54		
4+100	666.57		
4+120	666.53		
4+140	666.60		
4+160	666.49		
4+180	666.39		
4+200	666.35	665.115	

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

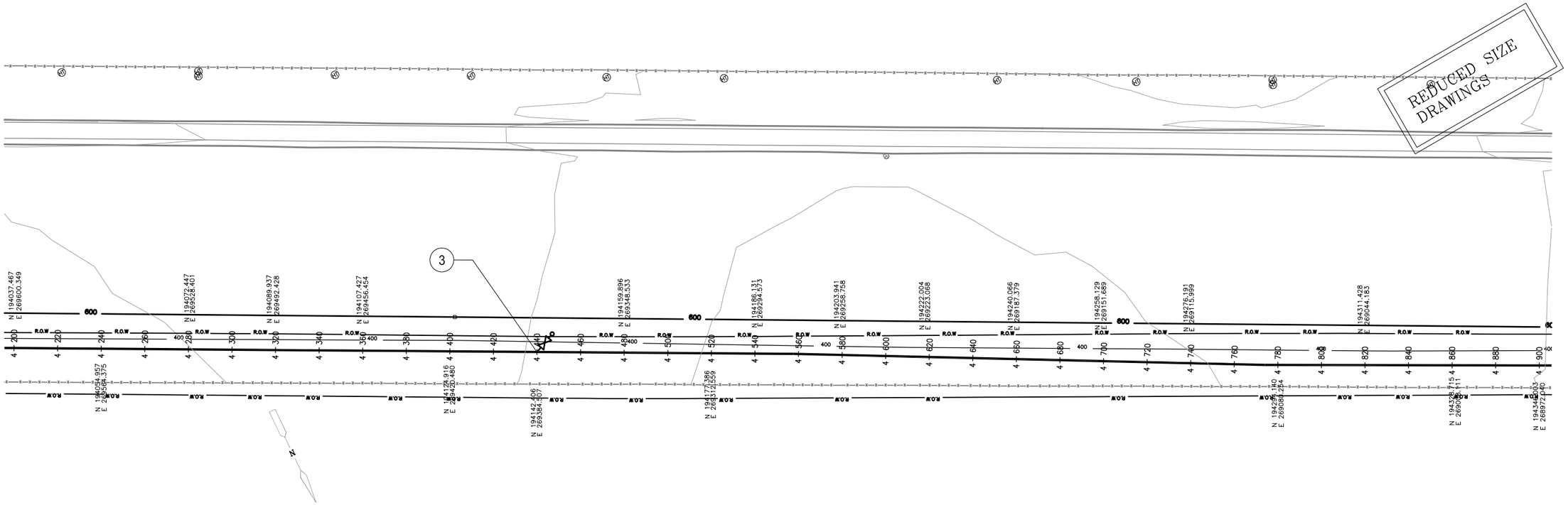
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 3+500 - 4+200

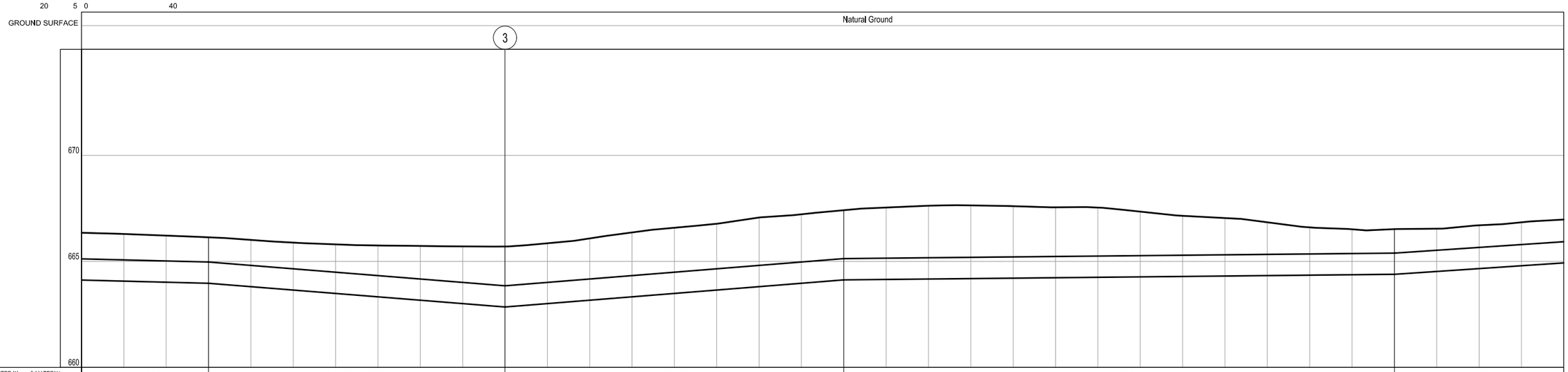
PROJECT NO. : 3029-42324

DRAWING NO. : P-6



METER

20 5 0 40



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	60.00				140.00								160.00												260.00												80.00			
GRADIENT IN 1/1000	-2.50				-8.00								8.00												1.00												6.75			
GROUND LEVEL IN m.	666.35	666.29	666.22	666.14	666.01	665.89	665.80	665.75	665.73	665.71	665.70	665.86	666.08	666.37	666.59	666.77	667.07	667.22	667.41	667.54	667.62	667.64	667.60	667.55	667.54	667.35	667.15	667.05	666.84	666.61	666.52	666.52	666.54	666.70	666.84	666.97
PIPE CROWN ELEVATION IN m.	665.115			664.971							663.851								665.131													665.391					665.927
CUMULATIVE DISTANCE IN m.	4+200	4+220	4+240	4+260	4+280	4+300	4+320	4+340	4+360	4+380	4+400	4+420	4+440	4+460	4+480	4+500	4+520	4+540	4+560	4+580	4+600	4+620	4+640	4+660	4+680	4+700	4+720	4+740	4+760	4+780	4+800	4+820	4+840	4+860	4+880	4+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

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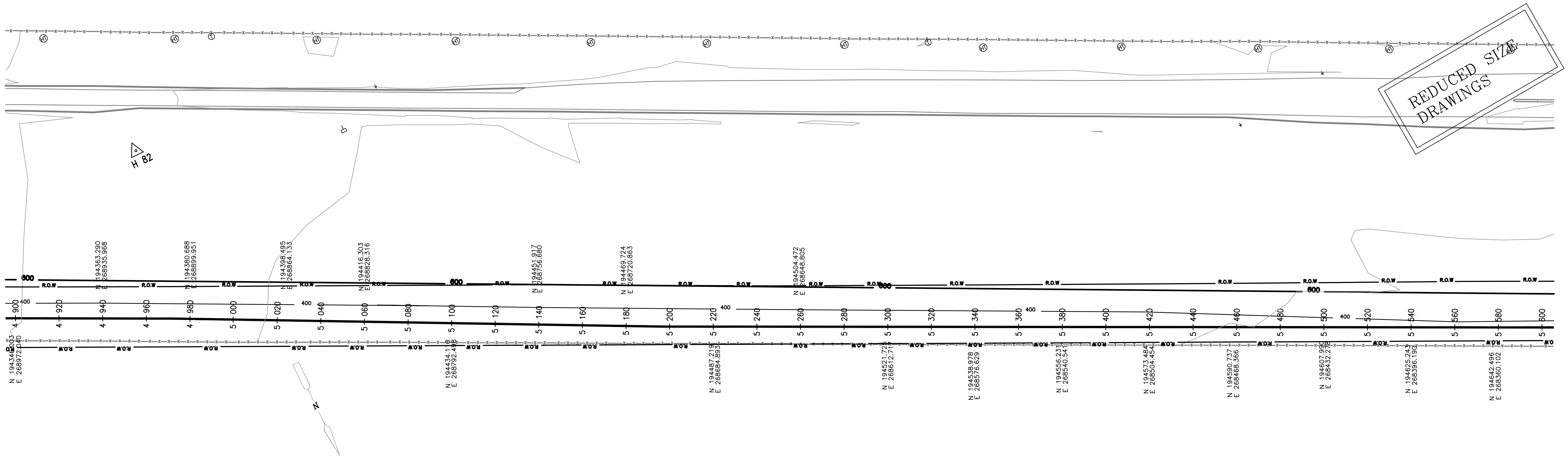
Eastern Primary Transmission System

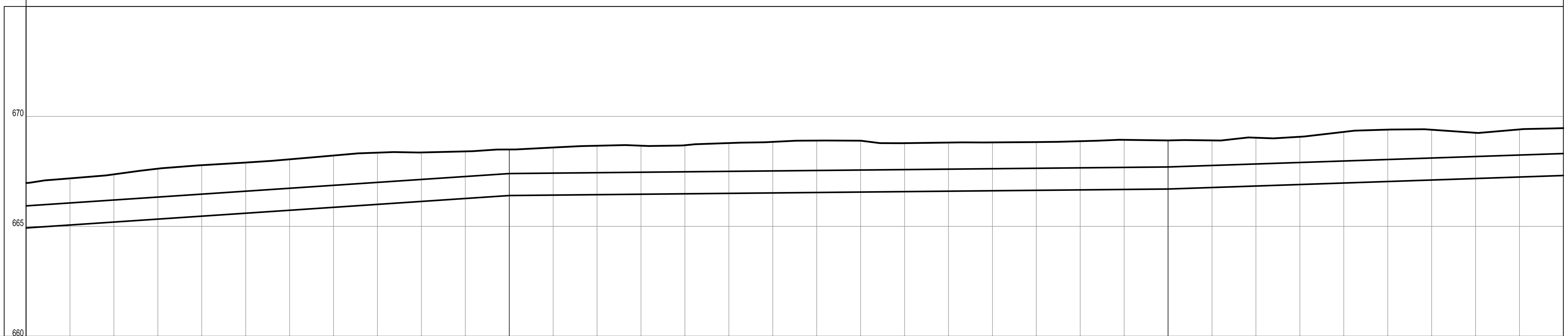
PIPELINE PLAN AND PROFILE
ST. 4+200 - 4+900

PROJECT NO. : 3029-42324

DRAWING NO. : P-7



GROUND SURFACE — Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 1000 DI PN25	220.00	6.68
ND 1000 DI PN25	300.00	1.00
ND 1000 DI PN25	180.00	3.39

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
4+900	666.97	665.927
4+920	667.18	
4+940	667.37	
4+960	667.62	
4+980	667.78	
5+000	667.90	
5+020	668.05	
5+040	668.22	
5+060	668.35	
5+080	668.36	
5+100	668.41	
5+120	668.50	667.401
5+140	668.59	
5+160	668.67	
5+180	668.67	
5+200	668.69	
5+220	668.79	
5+240	668.84	
5+260	668.90	
5+280	668.89	
5+300	668.79	
5+320	668.81	
5+340	668.82	
5+360	668.83	
5+380	668.87	
5+400	668.94	
5+420	668.91	667.701
5+440	668.91	
5+460	669.03	
5+480	669.07	
5+500	669.29	
5+520	669.40	
5+540	669.39	
5+560	669.26	
5+580	669.41	
5+600	669.47	668.313

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

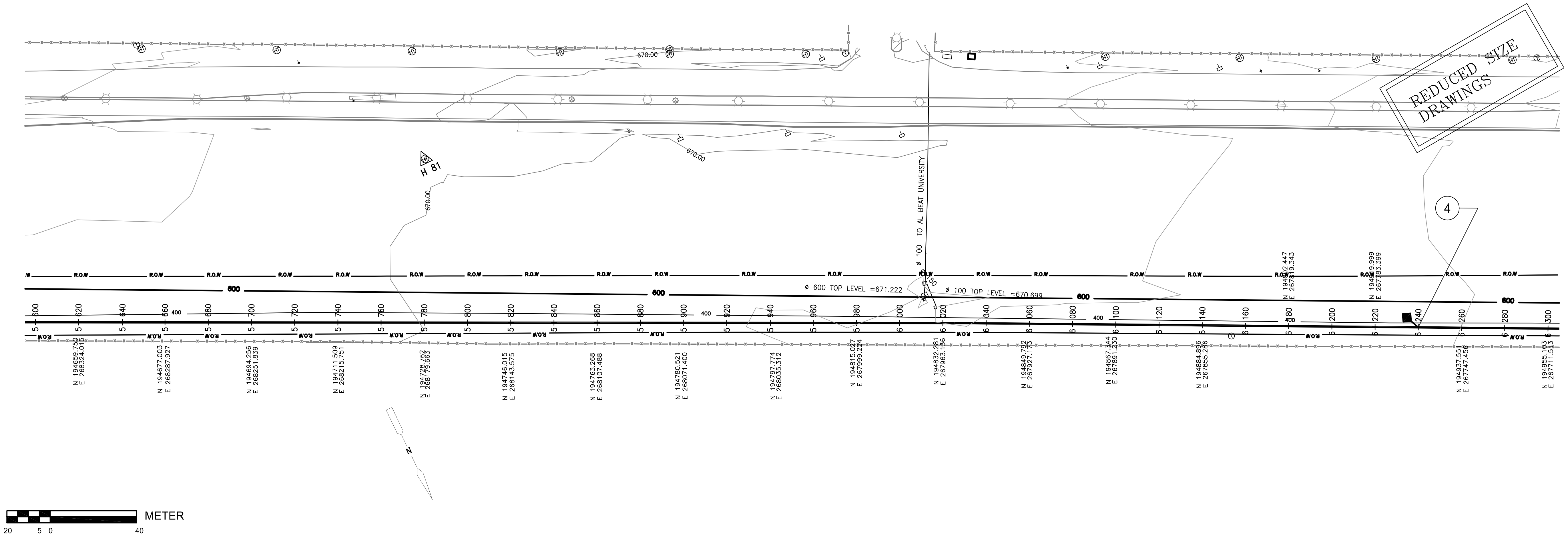
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

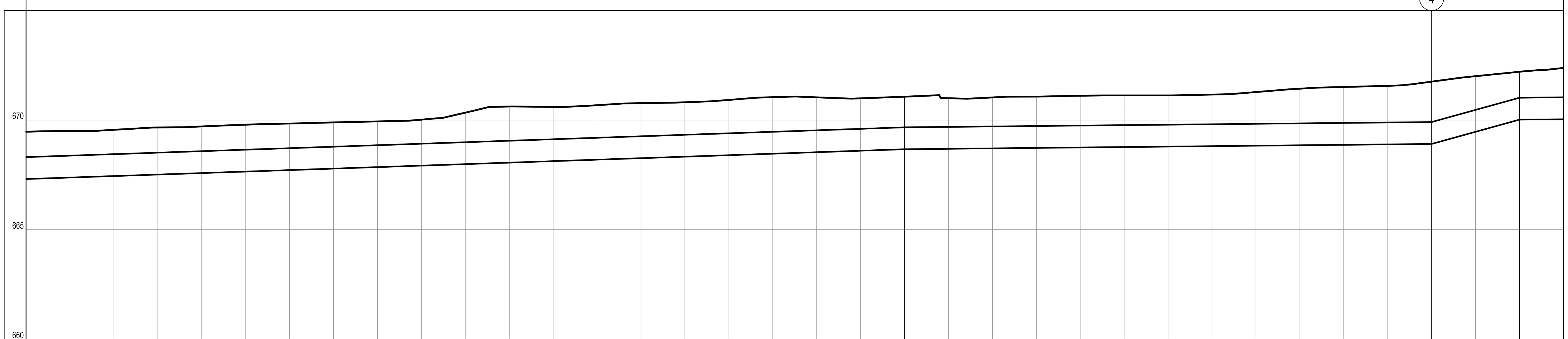
PIPELINE PLAN AND PROFILE
ST. 4+900 - 5+600

PROJECT NO. : 3029-42324

DRAWING NO. : P-8



GROUND SURFACE: Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 1000 DI PN25 (5+600 – 6+000)	400.00	3.40
ND 1000 DI PN25 (6+000 – 6+240)	240.00	1.00
ND 1000 DI PN25 (6+240 – 6+280)	40.00	4.00
ND 1000 DI PN25 (6+280 – 6+300)	20.00	1.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
5+600	669.47	668.313	
5+620	669.50		
5+640	669.56		
5+660	669.66		
5+680	669.71		
5+700	669.79		
5+720	669.84		
5+740	669.90		
5+760	669.94		
5+780	670.02		
5+800	670.34		
5+820	670.62		
5+840	670.60		
5+860	670.68		
5+880	670.77		
5+900	670.81		
5+920	670.92		
5+940	671.05		
5+960	671.04		
5+980	670.99		
6+000	671.07	669.673	
6+020	671.00		
6+040	671.03		
6+060	671.07		
6+080	671.11		
6+100	671.13		
6+120	671.13		
6+140	671.16		
6+160	671.28		
6+180	671.43		
6+200	671.51		
6+220	671.56		
6+240	671.76	669.913	◆
6+260	672.00		
6+280	672.21	671.019	
6+300	672.37	671.021	

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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Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 5+600 - 6+300

PROJECT NO. : 3029-42324

DRAWING NO. : P-9