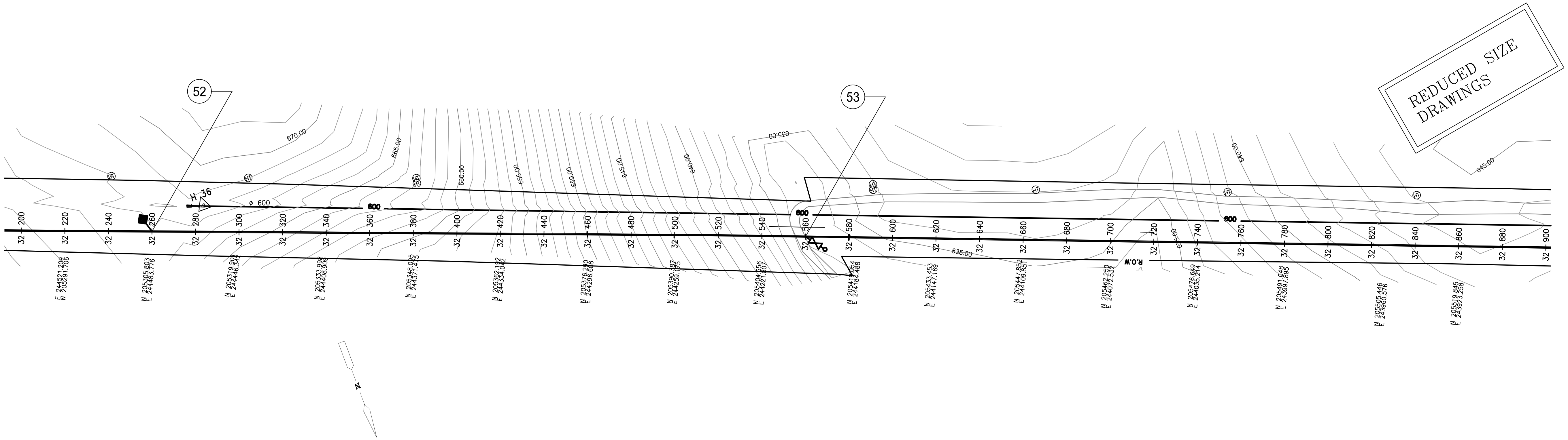

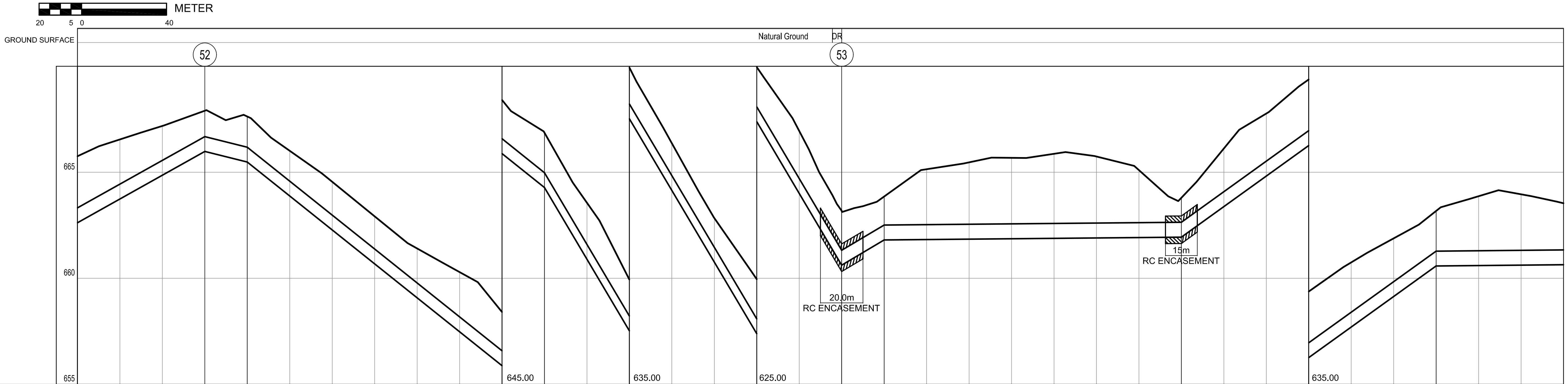

Stations	DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
32+200 – 32+260	ND 700 DI PN25	60.00	56.00
32+260 – 32+280	ND 700 DI PN25	20.00	-25.00
32+280 – 32+420	ND 700 DI PN25	140.00	-80.00
32+420 – 32+560	ND 700 DI PN25	140.00	-169.00
32+560 – 32+580	ND 700 DI PN25	20.00	59.50
32+580 – 32+720	ND 700 DI PN25	140.00	0.93
32+720 – 32+840	ND 700 DI PN25	120.00	72.00
32+840 – 32+900	ND 700 DI PN25	60.00	1.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
32+200	665.76	663.325	
32+220	666.55		
32+240	667.18		
32+260	667.90	666.685	◆
32+280	667.63	666.185	
32+300	666.01		
32+320	664.55		
32+340	662.92		
32+360	661.41		
32+380	660.29		
32+400	658.41		
32+420	656.87	654.985	
32+440	653.56		
32+460	649.94		
32+480	646.37		
32+500	642.83		
32+520	639.95		
32+540	636.95		
32+555.6	633.92		
32+560	633.18	631.325	valve
32+580	633.86	632.505	
32+600	635.14		
32+620	635.47		
32+640	635.68		
32+660	635.87		
32+680	635.74		
32+700	635.10		
32+720	633.80	632.645	
32+740	636.12		
32+760	637.77		
32+780	639.38		
32+800	640.75		
32+820	641.88		
32+840	643.18	641.285	
32+860	643.87		
32+880	643.96		
32+900	643.54	641.345	

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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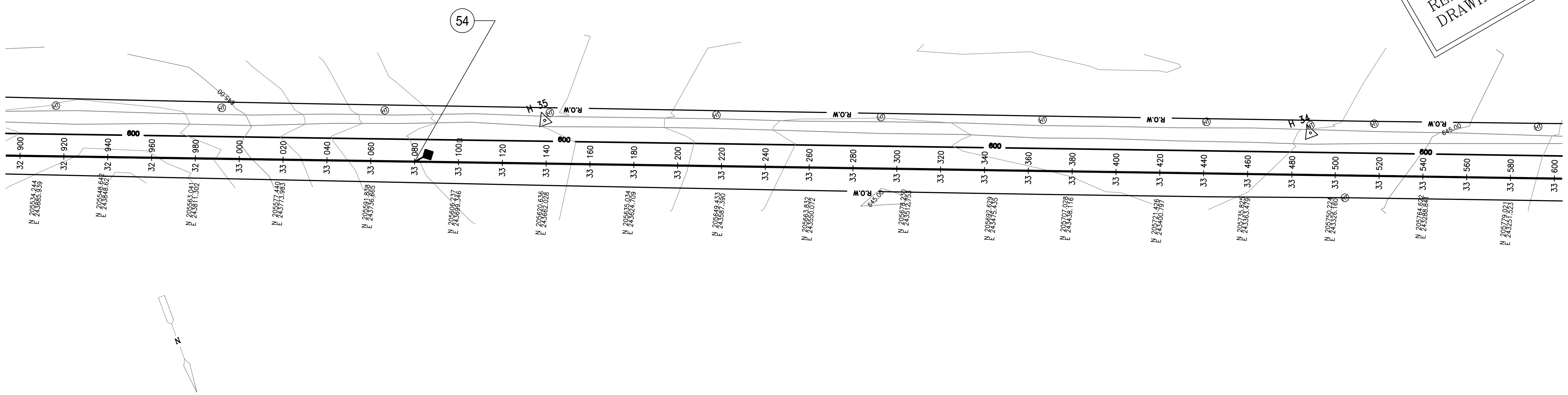
CDM International Inc.

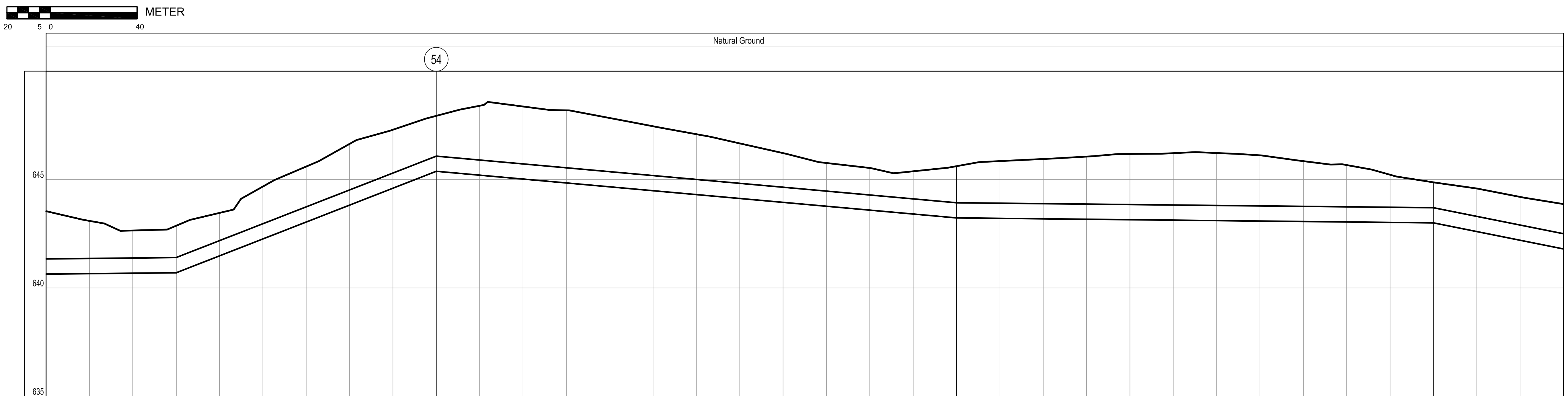
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 32+200 - 32+900

PROJECT NO. : 3029-42324

DRAWING NO. : P-47





DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN25	60.00	1.00
ND 700 DI PN25	120.00	39.00
ND 700 DI PN25	240.00	-8.96
ND 700 DI PN25	220.00	-1.05
ND 700 DI PN25	60.00	-20.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
32+900	643.54	641.345	
32+920	643.09		
32+940	642.65		
32+960	642.87	641.405	
32+980	643.46		
33+000	644.68		
33+020	645.60		
33+040	646.64		
33+060	647.30		
33+080	647.94	646.085	◆
33+100	648.40		
33+120	648.37		
33+140	648.19		
33+160	647.84		
33+180	647.46		
33+200	647.09		
33+220	646.67		
33+240	646.22		
33+260	645.76		
33+280	645.53		
33+300	645.38		
33+320	645.62	643.925	
33+340	645.85		
33+360	645.95		
33+380	646.06		
33+400	646.18		
33+420	646.22		
33+440	646.22		
33+460	646.12		
33+480	645.85		
33+500	645.67		
33+520	645.22		
33+540	644.87	643.705	
33+560	644.59		
33+580	644.20		
33+600	643.87	642.505	

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

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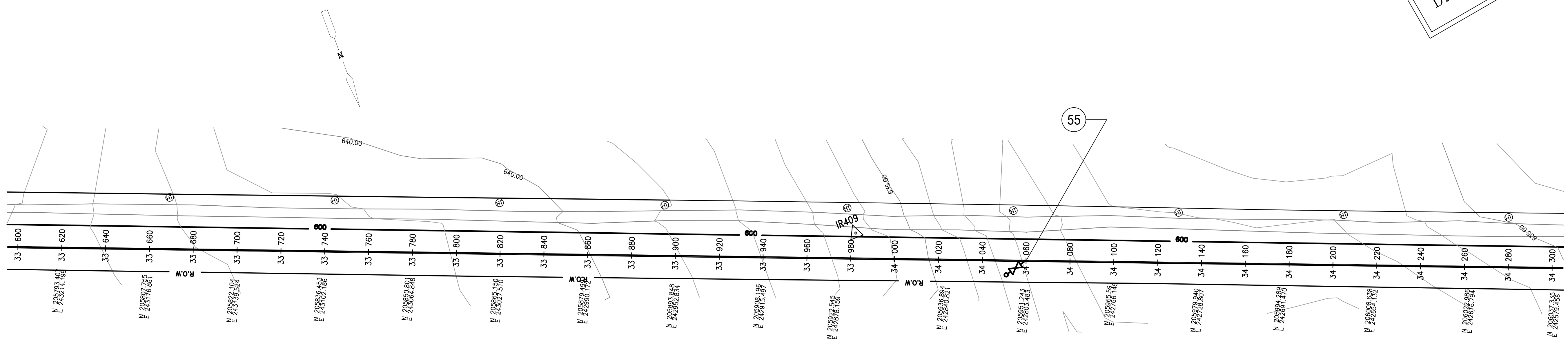
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

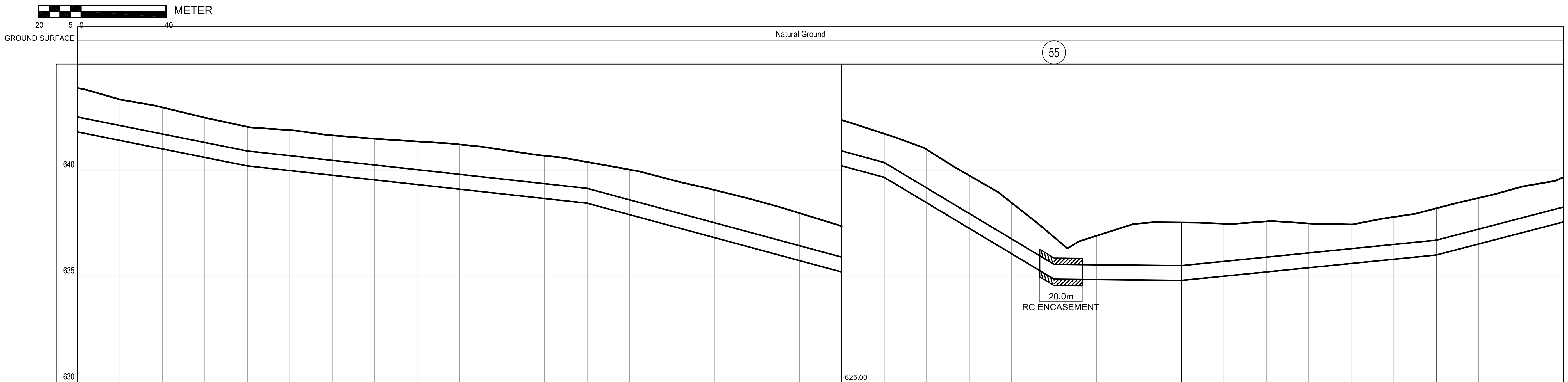
PROJECT NO. : 3029-42324

PIPELINE PLAN AND PROFILE
ST. 32+900 - 33+600

DRAWING NO. : P-48

REDUCED SIZE DRAWINGS





DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN25	80.00	-20.00
ND 700 DI PN25	160.00	-11.00
ND 700 DI PN25	140.00	-27.00
ND 700 DI PN25	80.00	-60.00
ND 700 DI PN25	60.00	-1.00
ND 700 DI PN25	120.00	10.00
ND 700 DI PN25	60.00	26.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
33+600	643.87	642.505	
33+620	643.33		
33+640	642.95		
33+660	642.47		
33+680	642.04	640.905	
33+700	641.88		
33+720	641.64		
33+740	641.48		
33+760	641.35		
33+780	641.21		
33+800	640.96		
33+820	640.68		
33+840	640.38	639.145	
33+860	640.02		
33+880	639.54		
33+900	639.06		
33+920	638.56		
33+940	637.98		
33+960	637.36		
33+980	636.72	635.365	
34+000	635.97		
34+020	634.75		
34+040	633.47		
34+060	631.84	630.565	⧖
34+080	631.91		
34+100	632.48		
34+120	632.53	630.505	
34+140	632.48		
34+160	632.59		
34+180	632.49		
34+200	632.44		
34+220	632.79		
34+240	633.20	631.705	
34+260	633.69		
34+280	634.21		
34+300	634.67	633.265	

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

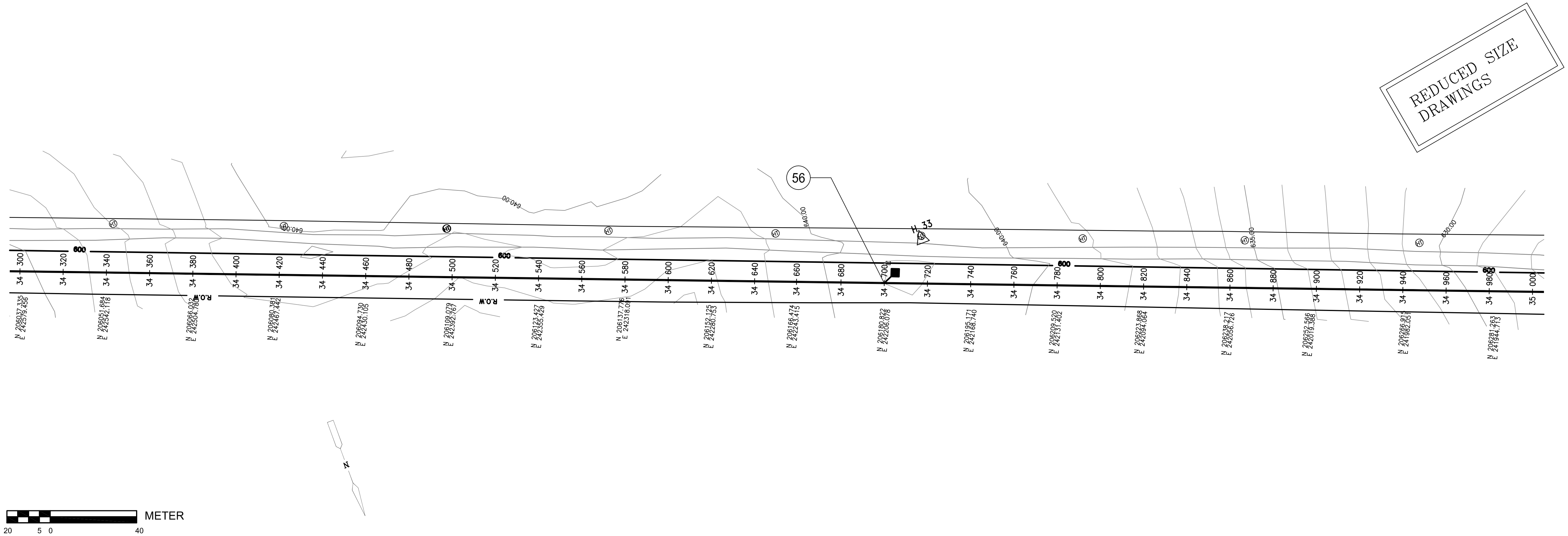
CDM International Inc.

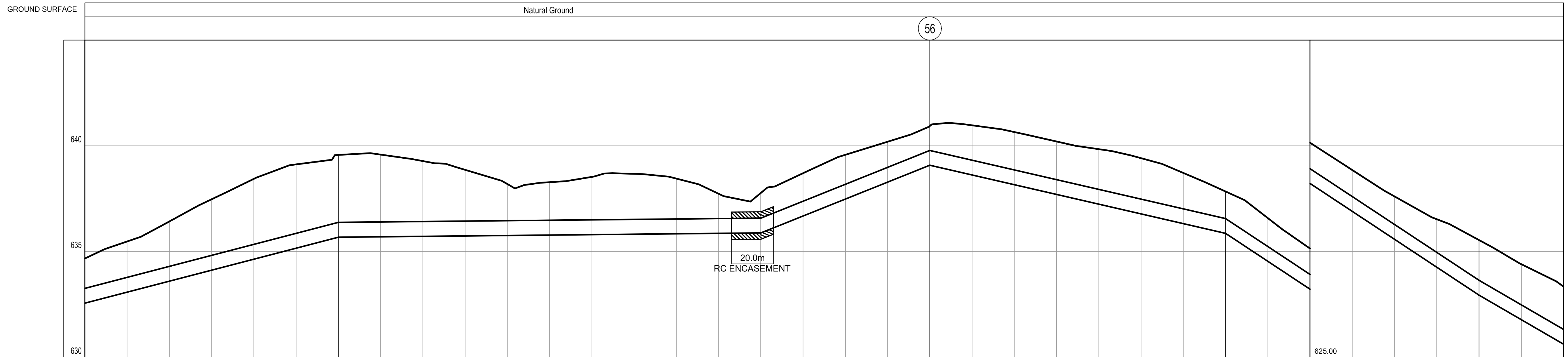
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 33+600 - 34+300

PROJECT NO. : 3029-42324

DRAWING NO. : P-49





DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN25	120.00	26.00
ND 700 DI PN25	200.00	1.00
ND 700 DI PN25	80.00	40.00
ND 700 DI PN25	140.00	-23.00
ND 700 DI PN25	120.00	-66.00
ND 700 DI PN25	40.00	-58.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
34+300	634.67	633.265	
34+320	635.48		
34+340	636.42		
34+360	637.47		
34+380	638.44		
34+400	639.12		
34+420	639.57	636.385	
34+440	639.58		
34+460	639.28		
34+480	638.86		
34+500	638.19		
34+520	638.28		
34+540	638.53		
34+560	638.67		
34+580	638.45		
34+600	637.73		
34+620	637.77	636.585	
34+640	638.71		
34+660	639.58		
34+680	640.19		
34+700	640.94	639.785	◆
34+720	640.97		
34+740	640.65		
34+760	640.20		
34+780	639.84		
34+800	639.42		
34+820	638.72		
34+840	637.84	636.565	
34+860	636.58		
34+880	635.15		
34+900	633.85		
34+920	632.61		
34+940	631.53		
34+960	630.54	628.645	
34+980	629.41		
35+000	628.35	626.325	

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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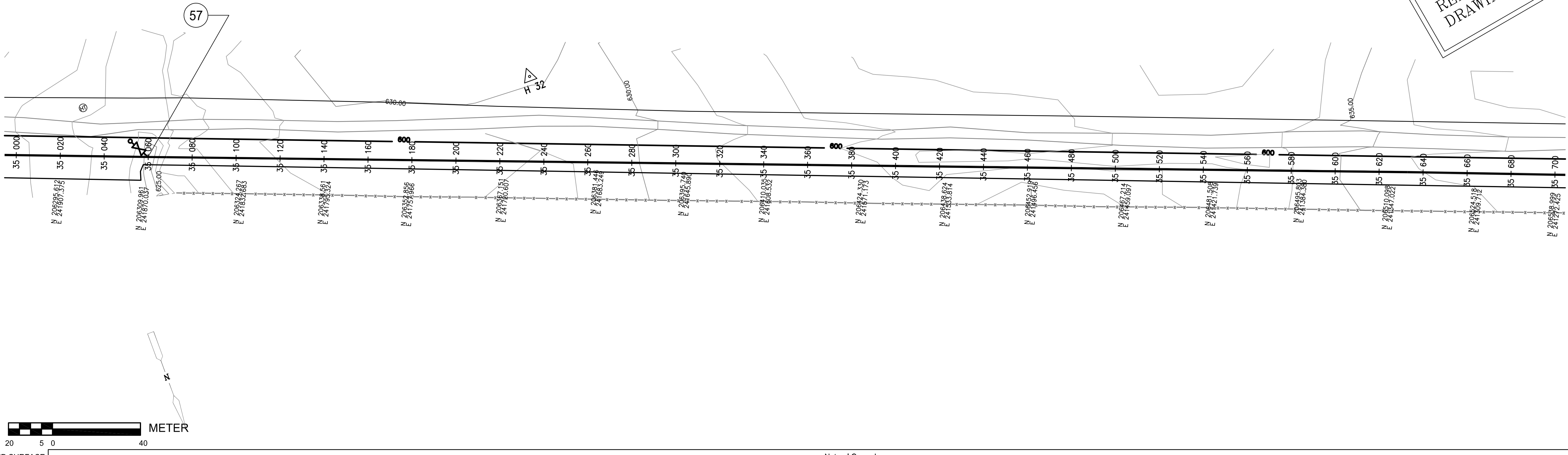
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 34+300 - 35+000

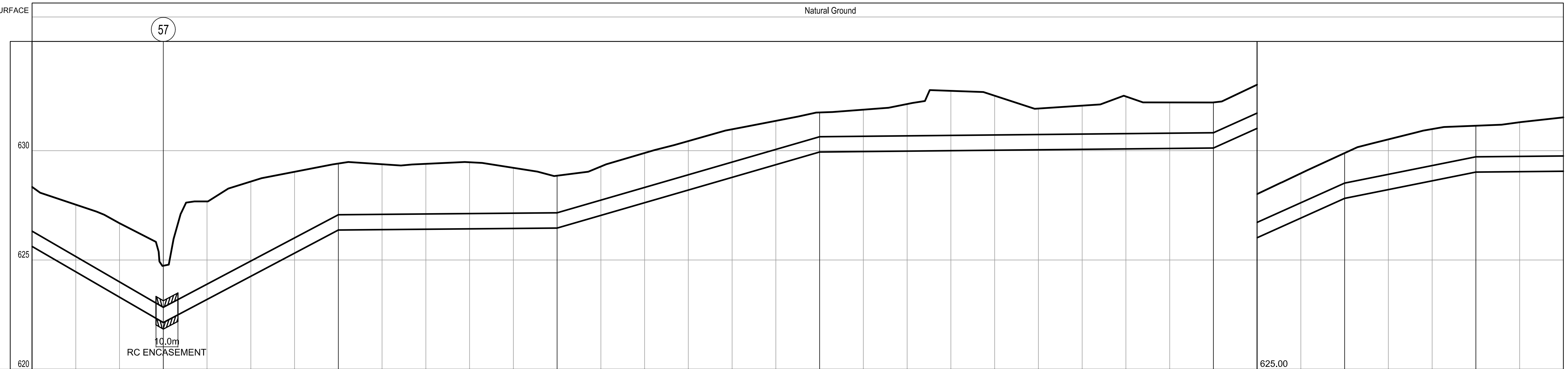
PROJECT NO. : 3029-42324

DRAWING NO. : P-50



REDUCED SIZE DRAWINGS

GROUND SURFACE: Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN25	60.00	-58.00
ND 700 DI PN25	80.00	52.88
ND 700 DI PN25	100.00	0.90
ND 700 DI PN25	120.00	29.00
ND 700 DI PN25	180.00	1.00
ND 700 DI PN25	60.00	45.00
ND 700 DI PN25	60.00	20.00
ND 700 DI PN25	40.00	1.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
35+000	628.35	626.325	
35+020	627.53		
35+040	626.68		
35+060	624.74	622.845	
35+080	627.68		
35+100	628.59		
35+120	629.03		
35+140	629.41	627.061	
35+160	629.38		
35+180	629.40		
35+200	629.47		
35+220	629.22		
35+240	628.86	627.161	
35+260	629.28		
35+280	629.89		
35+300	630.44		
35+320	630.98		
35+340	631.36		
35+360	631.75	630.641	
35+380	631.88		
35+400	632.13		
35+420	632.74		
35+440	632.52		
35+460	631.93		
35+480	632.06		
35+500	632.48		
35+520	632.21		
35+540	632.21	630.821	
35+560	633.02		
35+580	633.97		
35+600	634.89	633.521	
35+620	635.52		
35+640	635.99		
35+660	636.14	634.721	
35+680	636.30		
35+700	636.52	634.761	

REV.	DATE	DRAWN	CHKD	REMARKS

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

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NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 35+000 - 35+700

PROJECT NO. : 3029-42324

DRAWING NO. : P-51