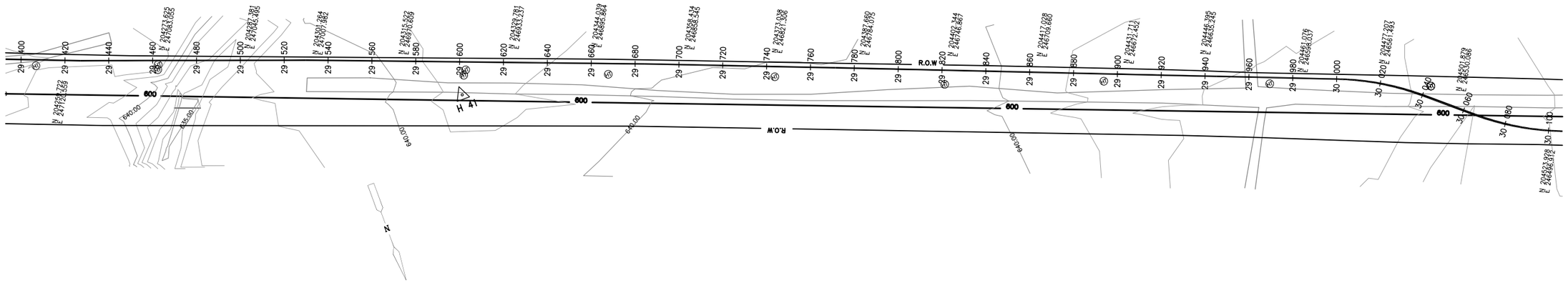
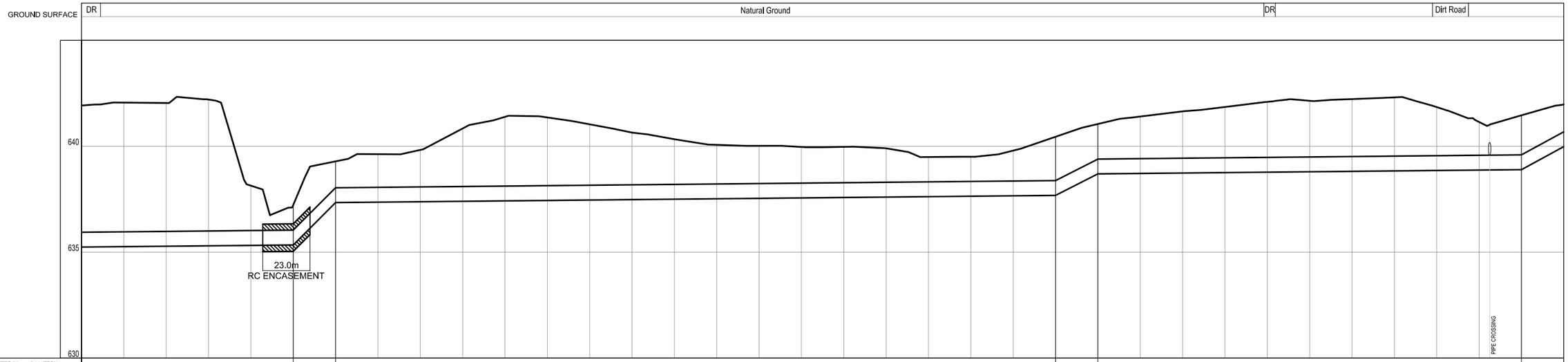
REDUCED SIZE DRAWINGS



METER
20 5 0 40



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
DIST. BETWEEN SLOPE	100.00	20.00	340.00	20.00	200.00	20.00
GRADIENT IN 1/1000	1.00	100.00	1.00	50.00	1.00	54.25

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
29+400	641.92	635.945
29+409	641.97	
29+420	642.06	
29+440	642.04	
29+460	642.20	
29+480	638.14	
29+500	637.23	636.045
29+520	638.29	638.045
29+540	639.63	
29+560	639.82	
29+580	640.84	
29+600	641.39	
29+620	641.36	
29+640	641.03	
29+660	640.65	
29+680	640.33	
29+700	640.07	
29+720	640.02	
29+740	639.97	
29+760	639.97	
29+780	639.90	
29+800	639.49	
29+820	639.50	
29+840	639.80	
29+860	640.45	638.385
29+880	641.05	639.450
29+900	641.40	
29+920	641.65	
29+940	641.85	
29+958.4	642.08	
29+960	642.09	
29+963.6	642.14	
29+980	642.15	
30+000	642.23	
30+020	642.30	
30+038	641.91	
30+040	641.86	
30+055	641.31	
30+060	641.15	
30+065	641.02	
30+080	641.46	639.800
30+100	641.98	640.685

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
CDM International Inc.

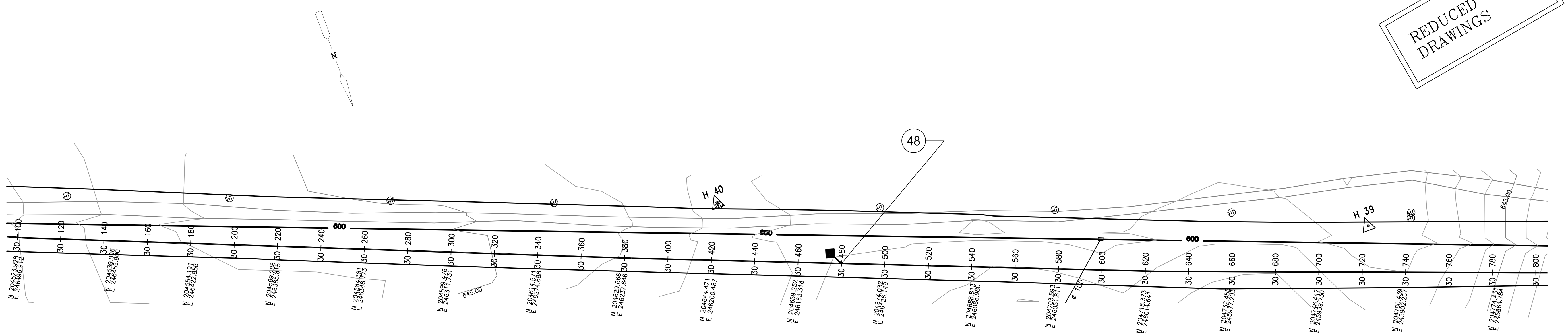
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

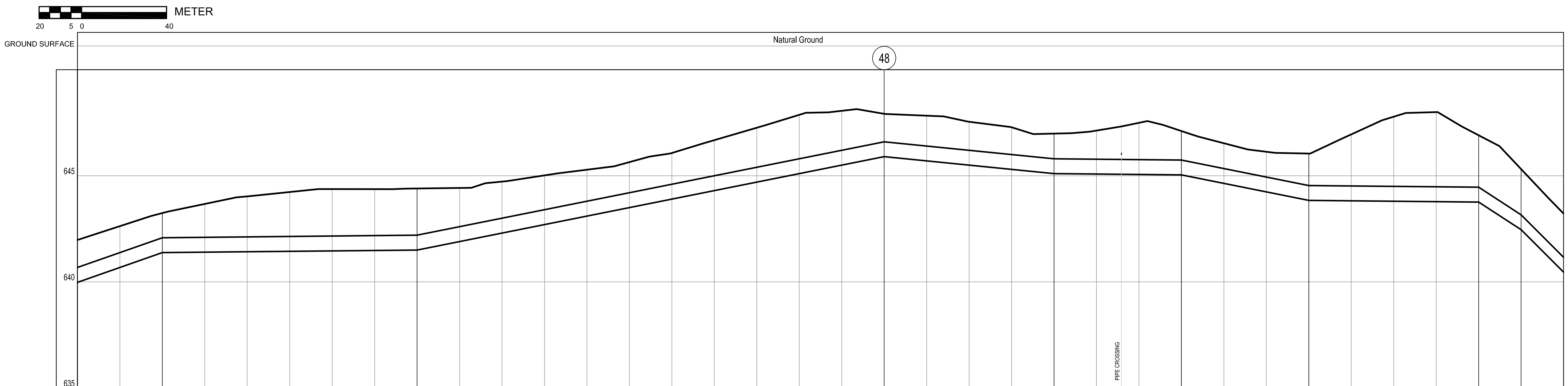
PIPELINE PLAN AND PROFILE
ST. 29+400 - 30+100

PROJECT NO. : 3029-42324

DRAWING NO. : P-43

REDUCED SIZE DRAWINGS





DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN25	40.00	35.00
ND 700 DI PN25	120.00	1.00
ND 700 DI PN25	220.00	20.00
ND 700 DI PN25	80.00	-10.00
ND 700 DI PN25	60.00	-1.00
ND 700 DI PN25	60.00	-20.00
ND 700 DI PN25	80.00	-1.00
ND 700 DI PN25	20.00	-65.00
ND 700 DI PN25	20.00	-100.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
30+100	641.98	640.685
30+120	642.63	
30+140	643.24	642.085
30+160	643.67	
30+180	644.03	
30+200	644.23	
30+220	644.37	
30+240	644.37	
30+260	644.40	642.205
30+280	644.43	
30+300	644.73	
30+320	645.02	
30+340	645.29	
30+360	645.64	
30+380	646.07	
30+400	646.68	
30+420	647.26	
30+440	647.87	
30+460	648.06	
30+480	647.92	646.605
30+500	647.83	
30+520	647.54	
30+540	647.28	
30+560	646.99	645.805
30+580	647.13	
30+592	647.34	
30+600	647.50	
30+620	647.11	645.745
30+640	646.53	
30+660	646.13	
30+680	646.05	644.545
30+700	646.95	
30+720	647.78	
30+740	648.00	
30+760	646.91	644.465
30+780	645.31	643.165
30+800	643.22	641.165

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

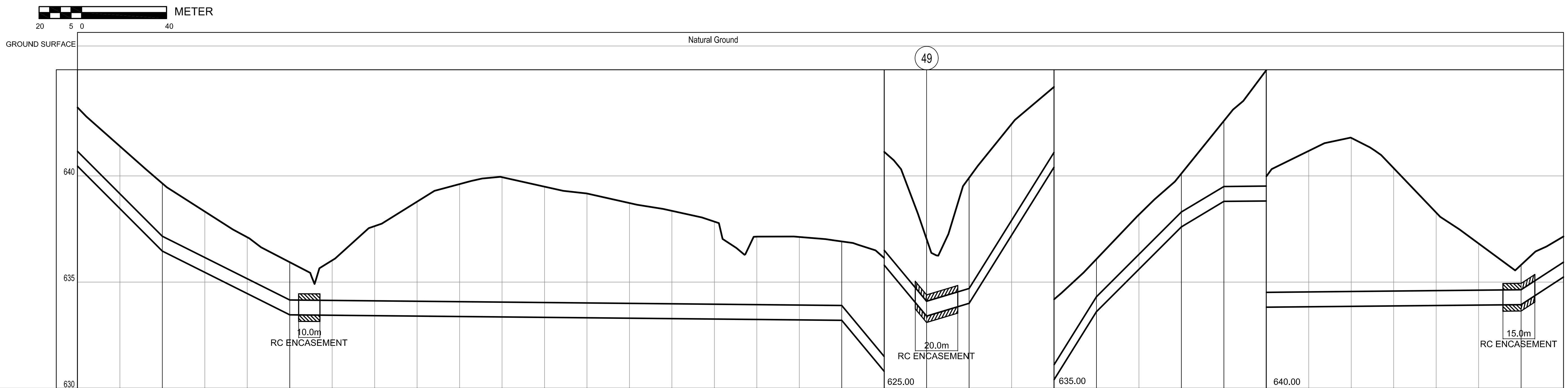
CDM International Inc.

NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 30+100 - 30+800

PROJECT NO. : 3029-42324

DRAWING NO. : P-44



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN25	40.00	-100.00
ND 700 DI PN25	60.00	-50.00
ND 700 DI PN25	260.00	-1.00
ND 700 DI PN25	40.00	-120.00
ND 700 DI PN25	20.00	30.00
ND 700 DI PN25	60.00	160.17
ND 700 DI PN25	40.00	99.75
ND 700 DI PN25	20.00	60.00
ND 700 DI PN25	140.00	1.00
ND 700 DI PN25	20.00	65.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
30+800	643.22	641.165
30+820	641.40	
30+840	639.65	637.165
30+860	638.32	
30+880	637.11	
30+900	635.94	634.165
30+920	636.03	
30+940	637.64	
30+960	638.79	
30+980	639.61	
31+000	639.94	
31+020	639.49	
31+040	639.17	
31+060	638.72	
31+080	638.35	
31+100	637.85	
31+120	637.14	
31+140	637.12	
31+160	636.91	633.905
31+180	636.13	
31+200	632.02	629.105
31+220	634.91	629.705
31+240	637.44	
31+260	639.19	
31+280	641.09	639.305
31+300	643.18	
31+320	645.11	643.305
31+340	647.59	644.505
31+360	649.98	
31+380	651.18	
31+400	651.79	
31+420	650.37	
31+440	648.27	
31+460	646.82	
31+480	645.81	644.645
31+500	647.15	645.945

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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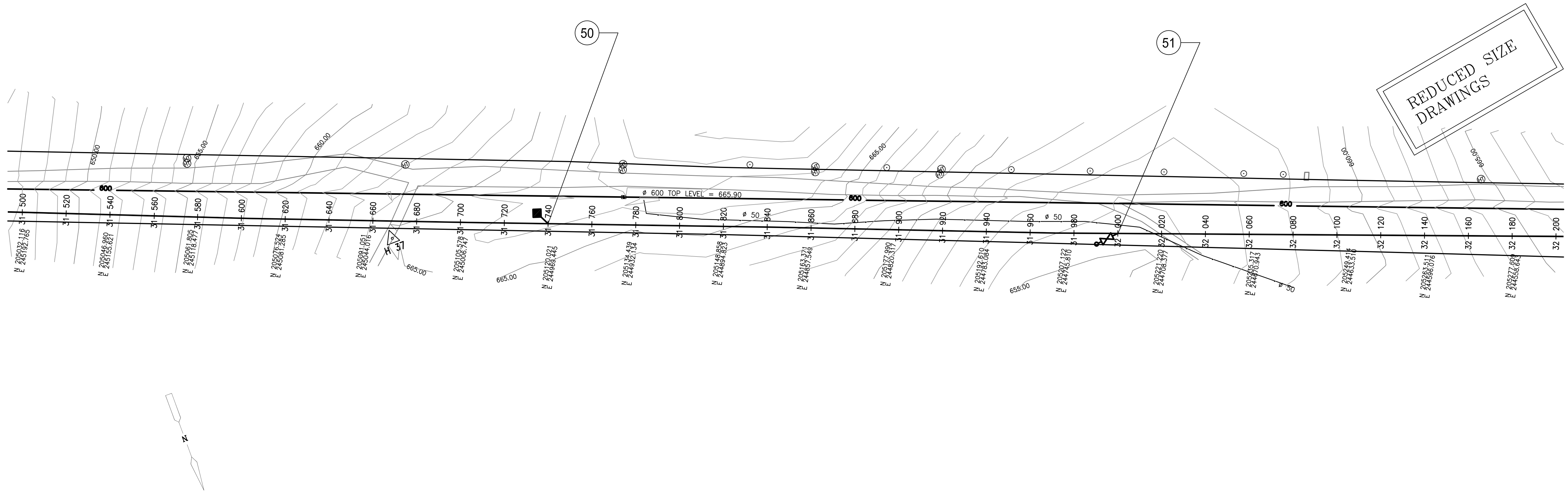
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 30+800 - 31+500

PROJECT NO. : 3029-42324

DRAWING NO. : P-45



METER
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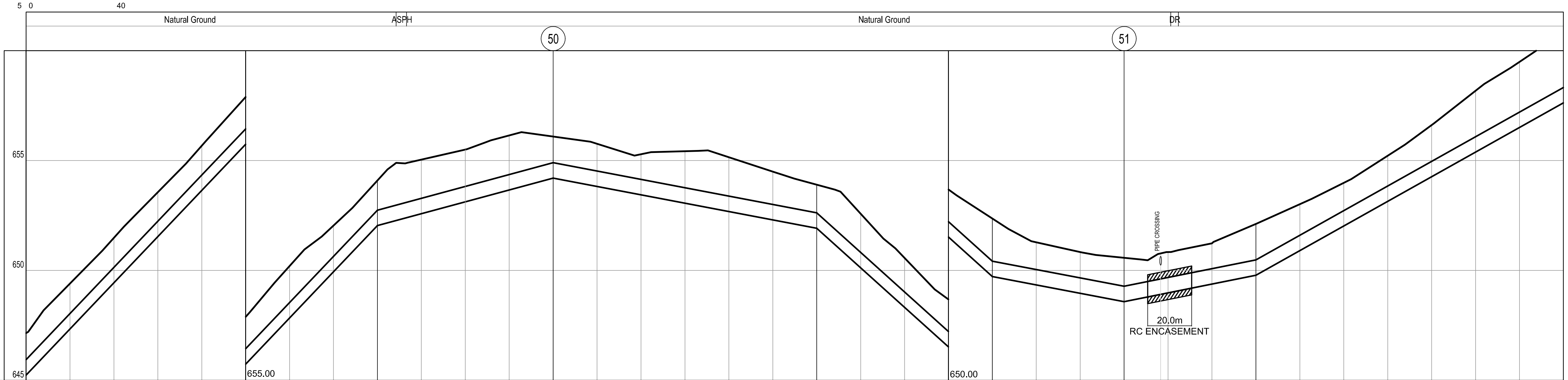

Station range	DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
31+500 – 31+660	ND 700 DI PN25	160.00	105.00
31+660 – 31+740	ND 700 DI PN25	80.00	27.00
31+740 – 31+860	ND 700 DI PN25	120.00	-19.00
31+860 – 31+940	ND 700 DI PN25	80.00	-90.00
31+940 – 32+000	ND 700 DI PN25	60.00	-19.00
32+000 – 32+060	ND 700 DI PN25	60.00	20.00
32+060 – 32+200	ND 700 DI PN25	140.00	56.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
31+500	647.15	645.945	
31+520	649.40		
31+540	651.49		
31+560	653.56		
31+580	655.67		
31+600	657.89		
31+620	660.20		
31+640	662.04		
31+660	664.09	662.745	
31+669	664.50		
31+673	664.72		
31+680	665.04		
31+700	665.50		
31+720	666.14		
31+740	666.09	664.905	◆
31+760	665.76		
31+780	665.29		
31+800	665.42		
31+820	665.15		
31+840	664.50		
31+860	663.90	662.625	
31+880	662.58		
31+900	660.57		
31+920	658.68		
31+940	657.36	655.425	
31+960	656.28		
31+980	655.84		
32+000	655.57	654.285	
32+017	655.79		
32+020	655.84		
32+021.2	655.84		
32+024.7	656.23		
32+040	656.23		
32+060	657.12	655.485	
32+080	658.01		
32+100	658.98		
32+120	660.22		
32+140	661.61		
32+160	663.17		
32+180	664.49		
32+200	665.76	663.325	

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

PIPELINE PLAN AND PROFILE
ST. 31+500 - 32+200

PROJECT NO. : 3029-42324

DRAWING NO. : P-46