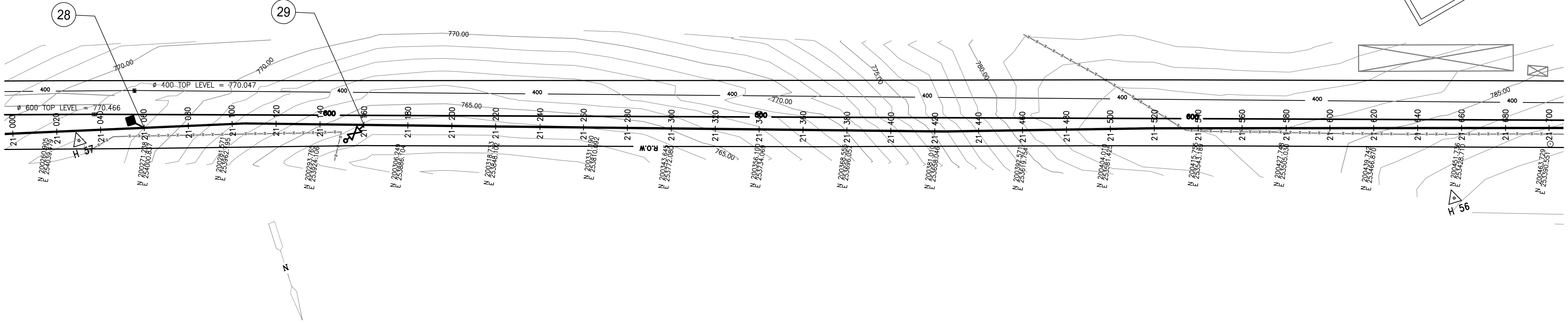
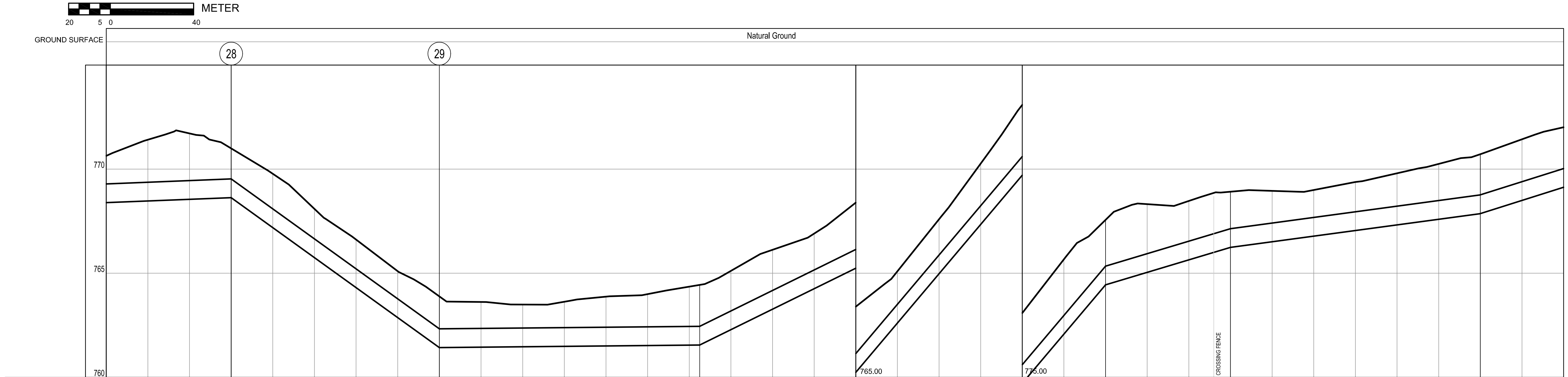
REDUCED SIZE DRAWINGS





	21+000 – 21+060	21+060 – 21+160	21+160 – 21+285	21+285 – 21+360	21+360 – 21+480	21+480 – 21+540	21+540 – 21+660	21+660 – 21+700
DIAMETER IN mm.& MATERIAL	ND 900 DI PN16	ND 900 DI PN16	ND 900 DI PN16	ND 900 DI PN16	ND 900 DI PN16	ND 900 DI PN16	ND 900 DI PN16	ND 900 DI PN16
DIST. BETWEEN SLOPE	60.00	100.00	125.00	75.00	120.00	60.00	120.00	40.00
GRADIENT IN 1/1000	4.00	-72.00	0.96	49.20	118.33	30.00	13.50	31.6

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
21+000	770.64	769.286	
21+020	771.41		
21+040	771.71		
21+060	771.00	769.526	◆
21+080	769.78		
21+100	768.09		
21+120	766.62		
21+140	765.09		
21+160	763.89	762.326	⧖
21+180	763.62		
21+200	763.50		
21+220	763.63		
21+240	763.88		
21+260	764.00		
21+280	764.36		
21+285	764.54	762.451	
21+300	765.11		
21+320	766.12		
21+340	766.90		
21+360	768.39	766.141	
21+380	770.09		
21+400	772.59		
21+420	775.26		
21+440	778.09		
21+460	780.66		
21+480	782.56	780.337	
21+500	783.32		
21+520	783.47		
21+532	783.69		
21+540	783.91	782.137	
21+560	783.95		
21+580	784.00		
21+600	784.38		
21+620	784.80		
21+640	785.25		
21+660	785.72	783.757	
21+680	786.43		
21+700	787.01	785.028	

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

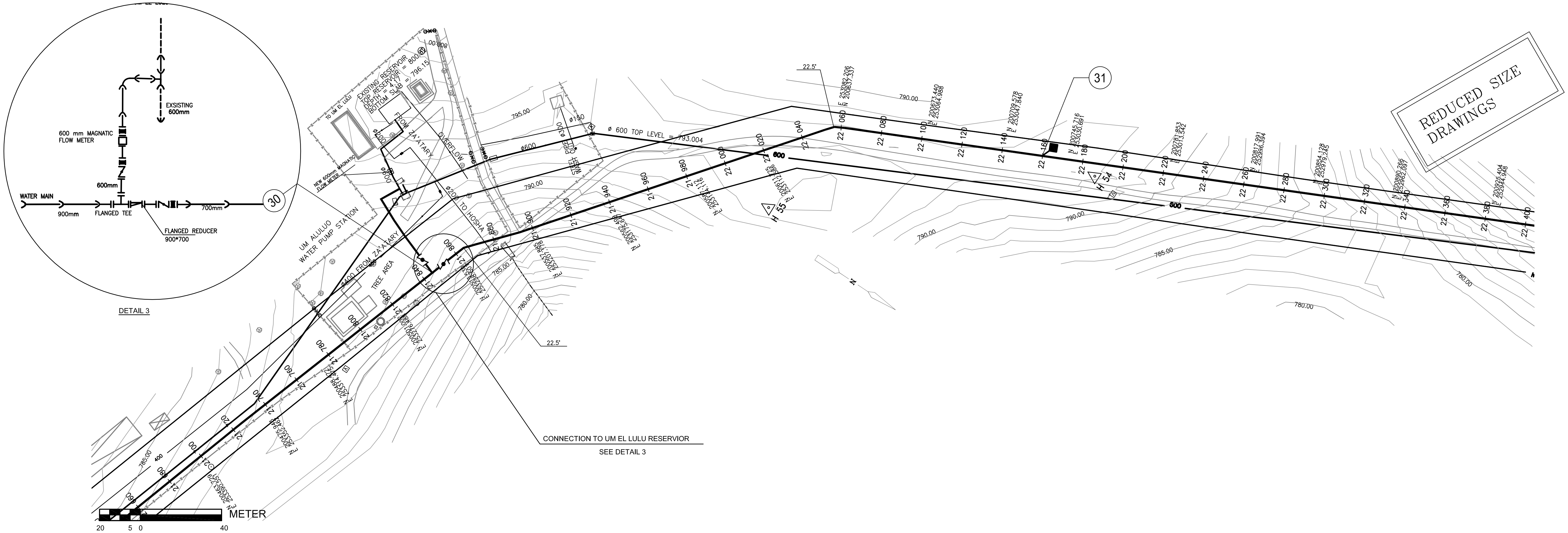
CDM International Inc.

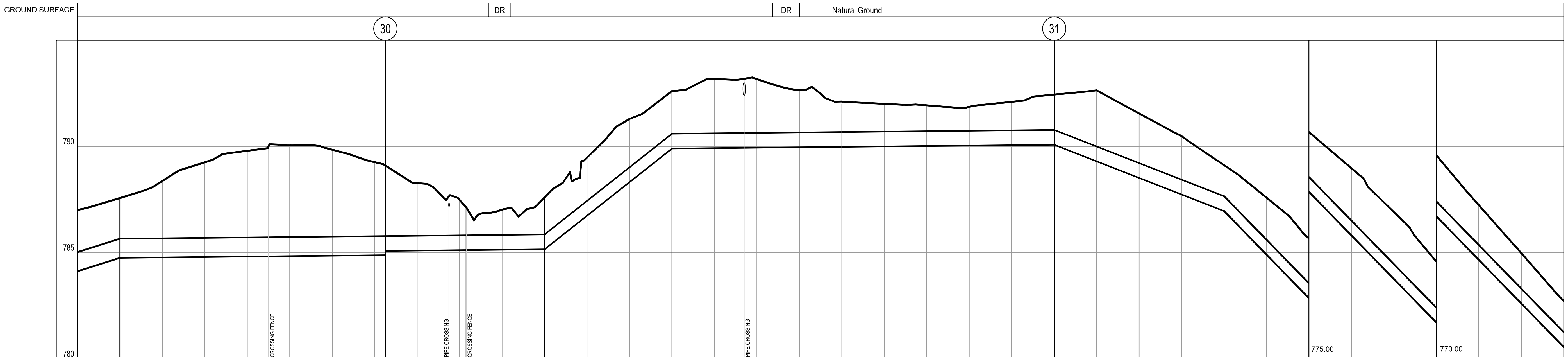
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 21+000 - 21+700

PROJECT NO. : 3029-42324

DRAWING NO. : P-31





DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 900 DI PN16	20.00	31.6
ND 900 DI PN16	125.00	1.00
ND 700 DI PN16	75.00	1.00
ND 700 DI PN16	60.00	79.00
ND 700 DI PN16	180.00	1.00
ND 700 DI PN16	80.00	-39.00
ND 700 DI PN16	160.00	-102.50

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
21+700	787.01	785.028	
21+720	787.57	785.660	
21+740	788.38		
21+760	789.26		
21+780	789.80		
21+790	789.92		
21+800	790.05		
21+820	789.85		
21+840	789.26		
21+845	789.15	785.982	
21+860	788.28		
21+865	788.09		22.5°
21+875	787.68		
21+880	787.48		
21+883	787.41		
21+889	787.28		
21+893.5	786.86		
21+900	787.03		
21+903.8	787.12		
21+920	787.60	785.857	
21+940	789.48		
21+960	791.29		
21+980	792.60	790.597	
22+000	793.18		
22+014	793.17		
22+020	793.17		
22+027.5	792.92		
22+040	792.66		
22+057	792.21		
22+060	792.11		22.5°
22+080	792.01		
22+100	791.94		
22+110	791.90		
22+120	791.87		
22+140	792.10		
22+160	792.44	790.777	
22+180	792.64		
22+200	791.56		
22+220	790.49		
22+240	789.12	787.657	
22+260	787.59		
22+280	785.67		
22+300	783.97		
22+320	781.91		
22+340	779.58		
22+360	777.24		
22+380	774.98		
22+400	772.74	771.257	

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.

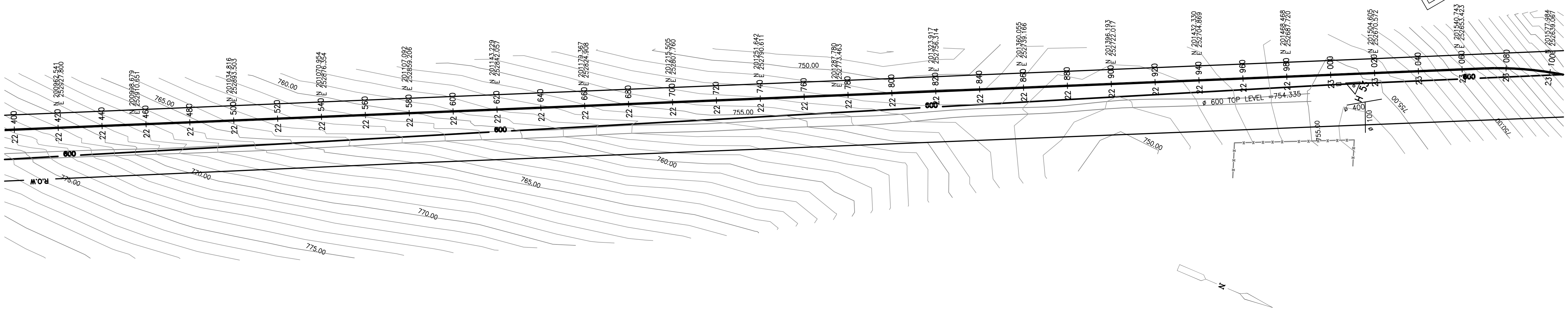
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 21+700 - 22+400

PROJECT NO. : 3029-42324

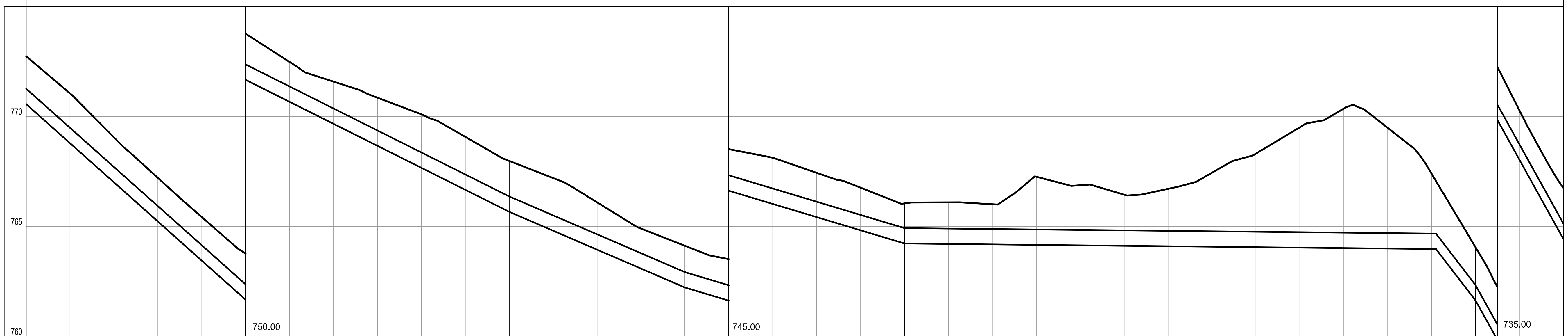
DRAWING NO. : P-32

REDUCED SIZE DRAWINGS



METER
20 5 0 40

GROUND SURFACE — Natural Ground



DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
ND 700 DI PN16	100.00	-89.00
ND 700 DI PN16	120.00	-50.00
ND 700 DI PN16	80.00	-43.00
ND 700 DI PN16	100.00	-30.00
ND 700 DI PN16	242.00	-1.03
ND 700 DI PN16	18.00	-130.00
ND 700 DI PN16	40.00	-180.00

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.	VALVES AND FITTINGS
22+400	772.74	771.257	
22+420	771.05		
22+440	769.05		
22+460	767.21		
22+480	765.42		
22+500	763.76	762.357	
22+520	762.47		
22+540	761.58		
22+560	760.85		
22+580	760.10		
22+600	759.07		
22+620	757.98	756.357	
22+640	757.19		
22+660	756.09		
22+680	754.90		
22+700	754.12	752.917	
22+720	753.51		
22+740	753.12		
22+760	752.43		
22+780	751.76		
22+800	751.04	749.917	
22+820	751.09		
22+840	751.00		
22+860	752.26		
22+880	751.87		
22+900	751.44		
22+920	751.71		
22+940	752.44		
22+960	753.31		
22+980	754.50		
23+000	755.36		
23+020	754.48		
23+040	752.39		
23+042	752.06	749.675	
23+060	749.05	747.335	
23+080	745.27		
23+100	741.75	740.135	

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

Water Authority - Jordan

USAID FROM THE AMERICAN PEOPLE

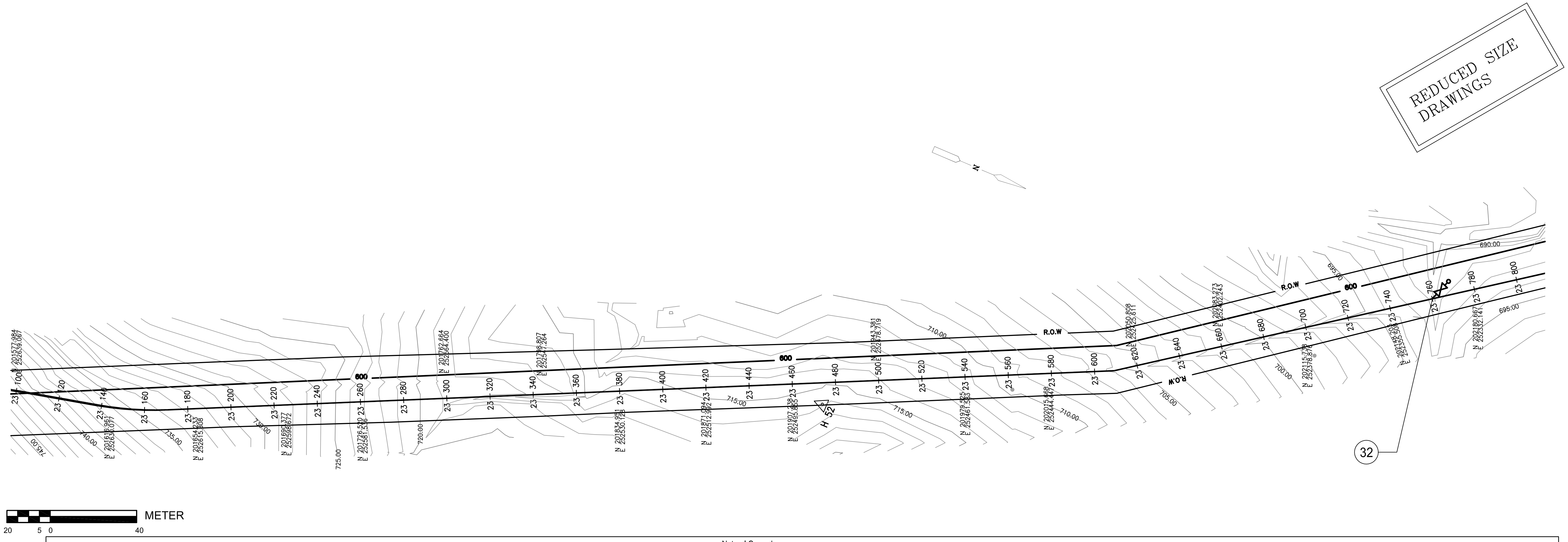
CDM International Inc.

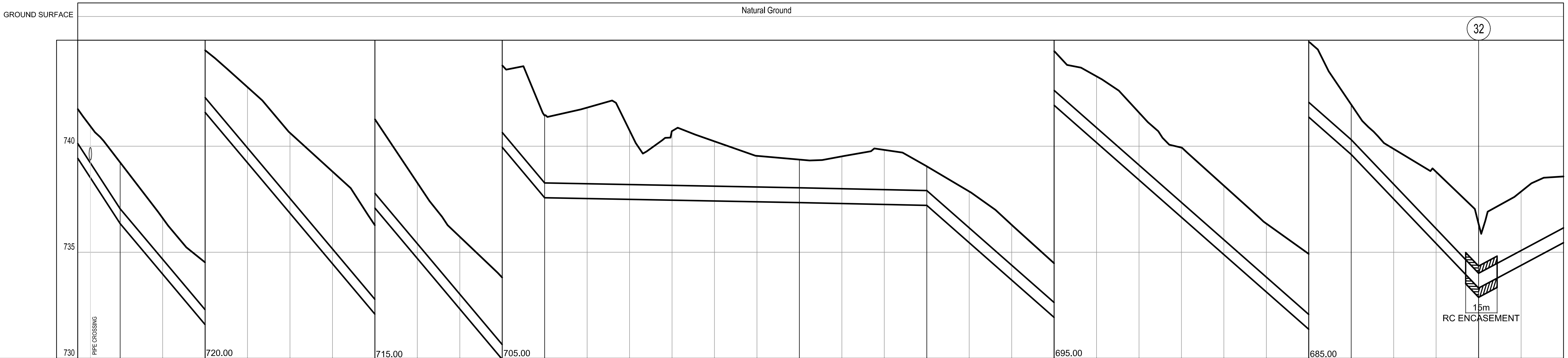
NORTHERN GOVERNORATES WATER TRANSMISSION
Eastern Primary Transmission System

PIPELINE PLAN AND PROFILE
ST. 22+400 - 23+100

PROJECT NO. : 3029-42324

DRAWING NO. : P-33





Section	DIAMETER IN mm.& MATERIAL	DIST. BETWEEN SLOPE	GRADIENT IN 1/1000
23+100 – 23+120	ND 700 DI PN16	20.00	-154.00
23+120 – 23+320	ND 700 DI PN16	200.00	-118.90
23+320 – 23+440	ND 700 DI PN16	120.00	-1.92
23+440 – 23+500	ND 700 DI PN16	60.00	-2.17
23+500 – 23+700	ND 700 DI PN16	200.00	-88.00
23+700 – 23+760	ND 700 DI PN16	60.00	-105.00
23+760 – 23+800	ND 700 DI PN16	40.00	53.50

CUMULATIVE DISTANCE IN m.	GROUND LEVEL IN m.	PIPE CROWN ELEVATION IN m.
23+100	741.75	740.135
23+106	741.00	
23+120	739.23	737.055
23+140	736.61	
23+160	734.52	
23+180	732.78	
23+200	730.63	
23+220	728.81	
23+240	726.27	
23+260	723.27	
23+280	720.74	
23+300	718.81	
23+320	716.45	713.275
23+340	716.82	
23+360	715.74	
23+380	715.71	
23+400	715.23	
23+420	714.55	
23+440	714.37	713.035
23+460	714.52	
23+480	714.82	
23+500	714.05	712.915
23+520	712.86	
23+540	711.29	
23+560	709.48	
23+580	708.29	
23+600	706.59	
23+620	704.93	
23+640	703.14	
23+660	701.35	
23+680	699.92	
23+700	696.96	695.315
23+720	694.87	
23+740	693.79	
23+760	691.33	689.015
23+780	692.86	
23+800	693.57	691.155

VALVES AND FITTINGS

REV.	DATE	DRAWN	CHKD	REMARKS

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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. 23+100 - 23+800

PROJECT NO. : 3029-42324

DRAWING NO. : P-34