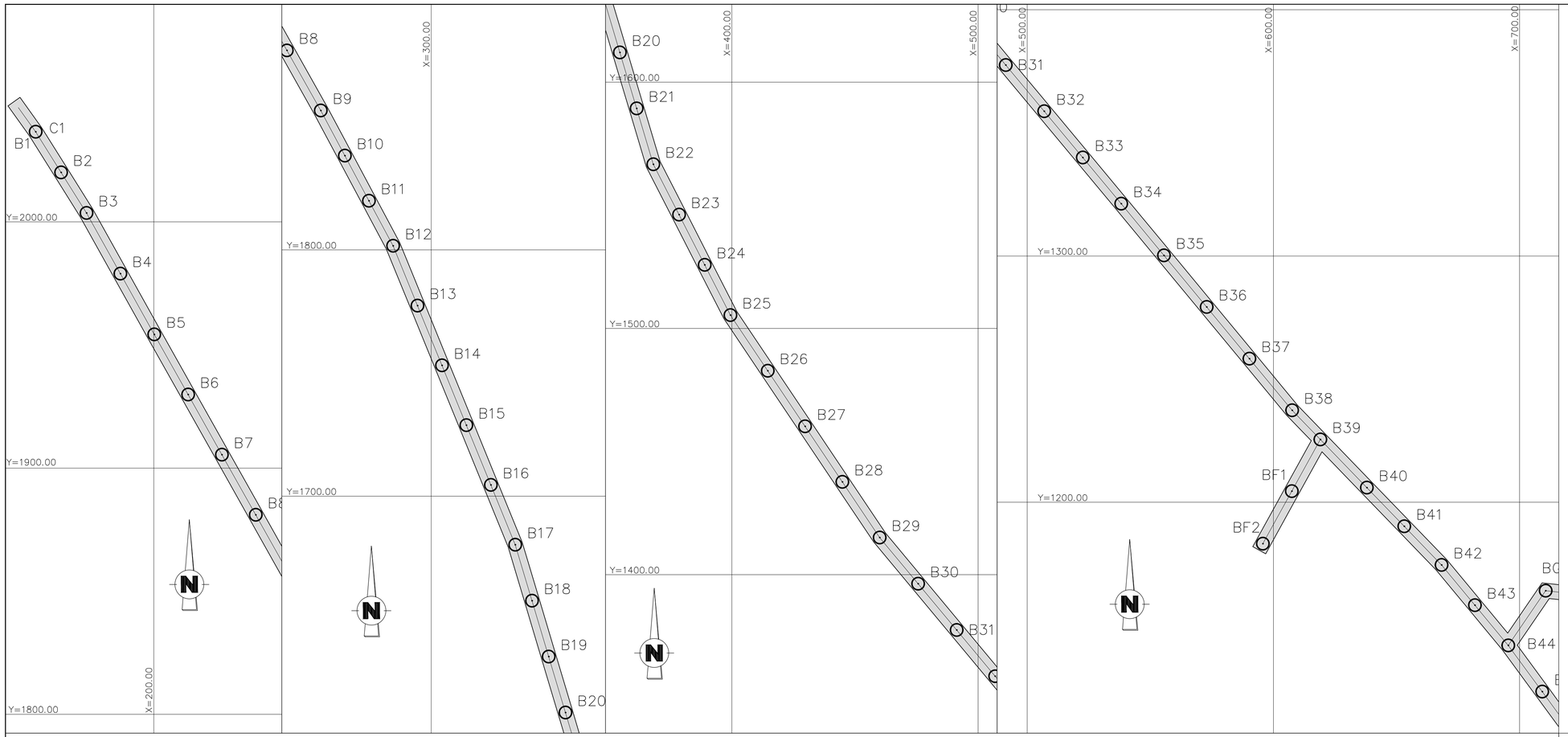

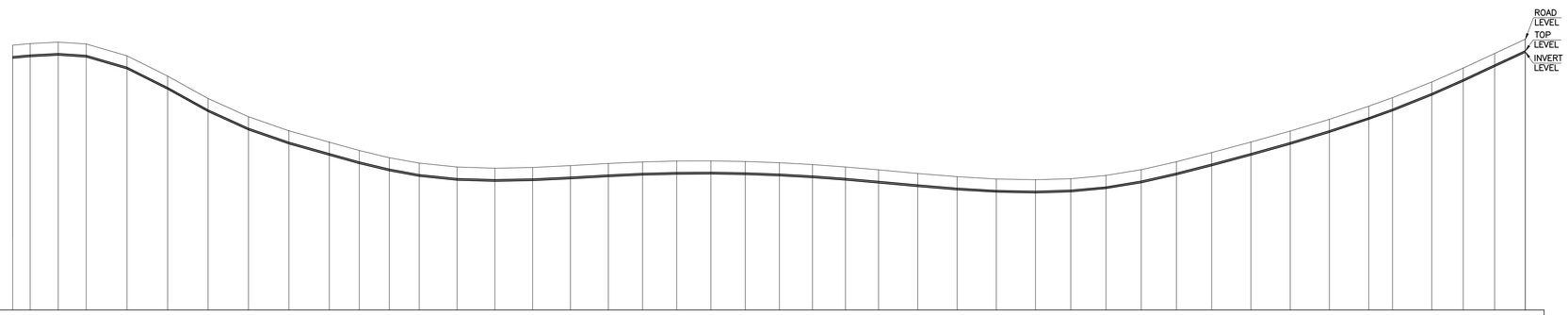

SCALE:
H: 1/2000
V: 1/200

DATUM ELEV = 515.00m

STAKES NUMBER	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44
NATURAL GROUND LEVEL	533.33	533.44	533.54	533.42	532.60	531.19	529.64	528.37	527.41	526.62	526.04	525.55	525.17	524.90	524.82	524.87	525.00	525.14	525.25	525.31	525.32	525.28	525.20	525.07	524.90	524.70	524.45	524.23	524.07	524.01	524.09	524.31	524.72	525.26	525.89	526.62	527.38	528.18	529.07	529.70	530.78	531.74	532.76	533.74
TOP OF PIPE LEVEL	532.53	532.64	532.74	532.62	531.80	530.39	528.84	527.57	526.61	525.82	525.24	524.75	524.37	524.10	524.02	524.07	524.20	524.34	524.45	524.51	524.52	524.48	524.40	524.27	524.10	523.90	523.65	523.43	523.27	523.21	523.29	523.51	523.92	524.46	525.09	525.82	526.58	527.38	528.27	528.90	529.98	530.94	531.96	532.94
PIPES DIAMETER (MM)	OD 63 HDPE PN16																																											
SPECIAL ACCESSORIES	EC		OIP										EC								OIP																							
PARTIAL DISTANCE (M)	12.07	19.45	19.45	28.22	28.22	28.02	28.02	28.02	28.02	20.77	20.77	20.77	26.23	26.23	26.23	26.23	26.23	23.72	23.72	23.72	23.72	23.72	22.93	22.93	22.93	27.20	27.20	27.20	27.20	24.43	24.43	24.43	24.43	24.43	27.22	27.22	27.22	27.22	16.50	27.17	21.84	21.84	21.22	
CUMULATE DISTANCE	0.00	12.07	31.52	50.97	79.19	107.42	135.44	163.47	191.49	219.52	240.29	261.06	281.84	308.06	334.29	360.51	386.74	412.96	436.68	460.40	484.12	507.84	531.56	554.48	577.41	600.34	627.53	654.73	681.92	709.12	733.55	757.98	782.41	806.84	831.27	858.49	885.71	912.93	940.15	956.65	983.83	1005.66	1027.50	1048.72
HECTOMETER	0					1				2				3				4				5				6				7				8				9				10		
NATURE OF SOIL																																												

LEGEND :

, W.O.	WASH OUT
, D.A.V.	DOUBLE AIR VALVE
, G.V.	GATE VALVE
FH	FIRE HYDRANT
OIP	OBLIGATORY INTAKE POINT
EC	END CAP

REV.	DATE	DRAWN BY	CHECKED BY	APPROVED BY	MODIFICATION	STATUTS

UNITED NATIONS DEVELOPMENT PROGRAMME
LEBANON

NORTH LEBANON WATER SUPPLY
CONSTRUCTION OF WADI KHALED 2 WATER SUPPLY SYSTEM

KNAISSE WATER SUPPLY SYSTEM
LINE D2.20 (B1–B44)

SCALE : 1/1000 – 1/2000
DATE : SEPTEMBER 2014
DRAWING N° : WS-WK-215-A.dwg

LIBANCONSULT AGM
Consulting Engineers

N° : W S W K 2 1 5
REV. A

A1