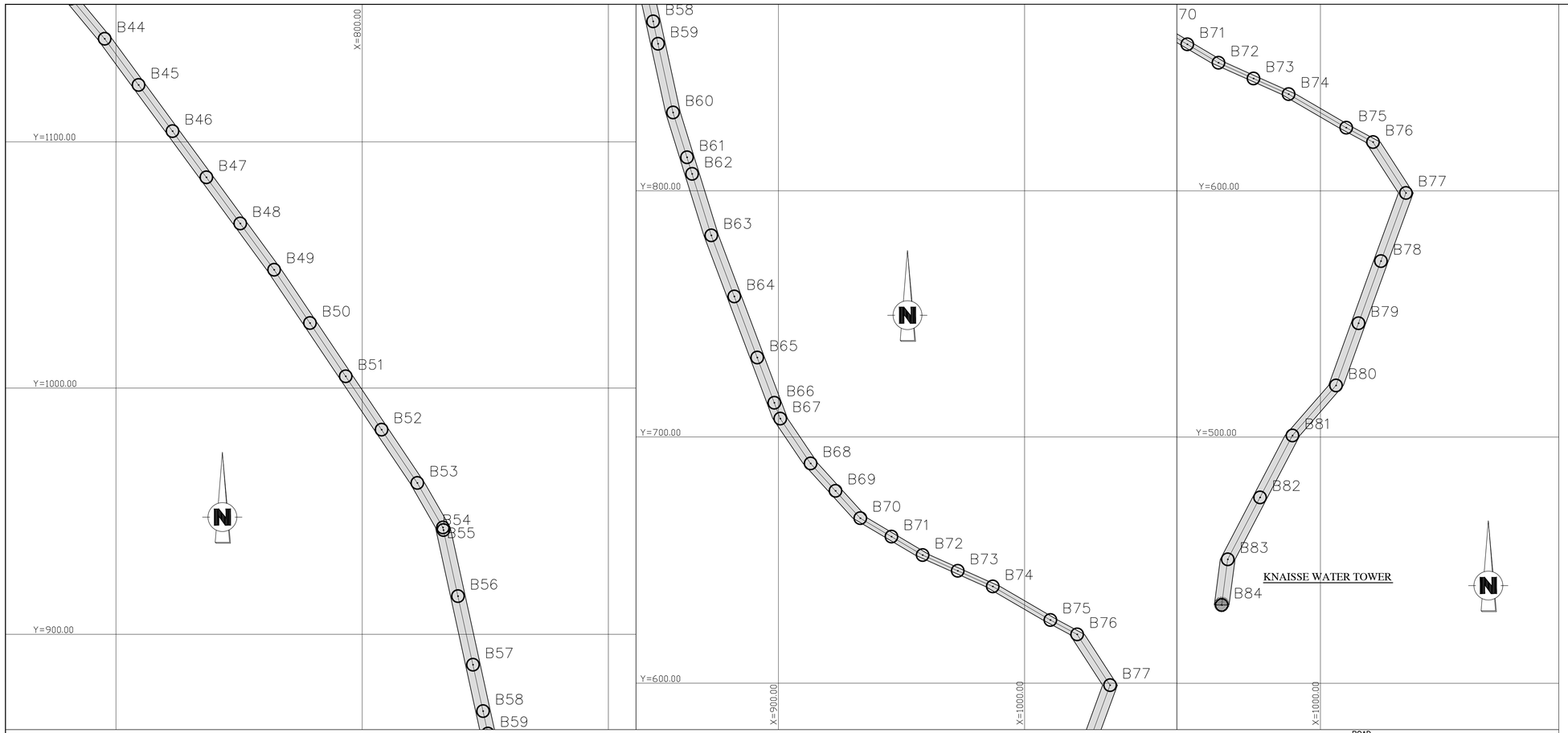

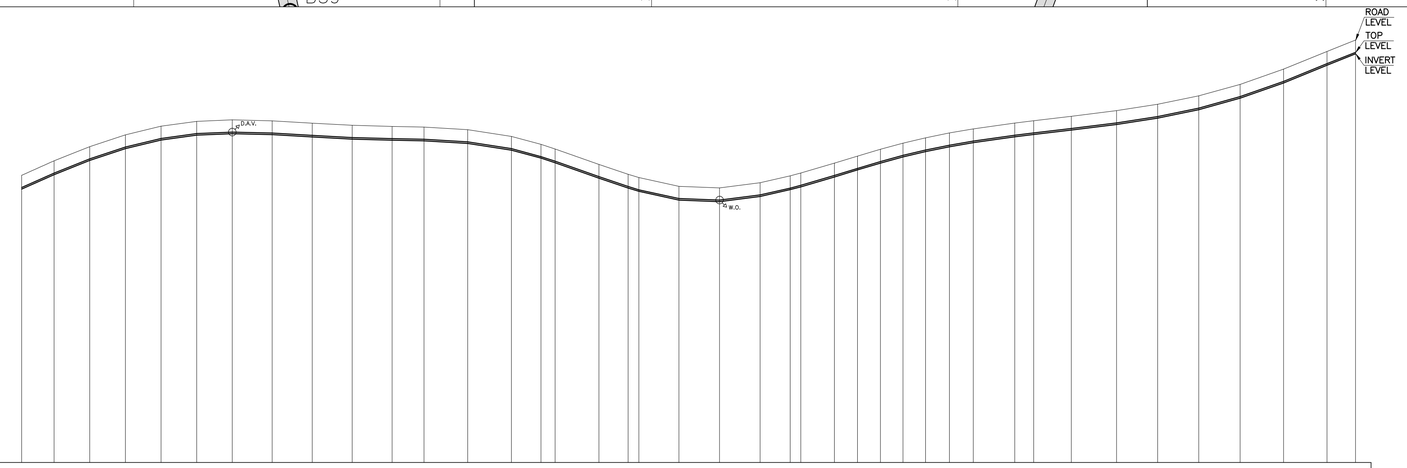

SCALE:
H: 1/2000
V: 1/200

DATUM ELEV = 515.00m

STAKES NUMBER	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B66	B67	B68	B69	B70	B71	B72	B73	B74	B75	B76	B77	B78	B79	B80	B81	B82	B83	B84
NATURAL GROUND LEVEL	533.74	534.68	535.61	536.38	536.95	537.27	537.36	537.30	537.15	537.00	536.94	536.89	536.72	536.28	535.76	535.46	534.45	533.81	533.60	533.02	532.92	533.26	533.71	533.89	534.53	534.99	535.44	535.84	536.19	536.50	536.77	537.15	537.31	537.59	537.96	538.38	538.93	539.68	540.67	541.83	542.57
TOP OF PIPE LEVEL	532.94	533.88	534.81	535.58	536.15	536.47	536.56	536.50	536.35	536.20	536.14	536.09	535.92	535.48	534.96	534.66	533.65	533.01	532.80	532.22	532.12	532.46	532.91	533.09	533.73	534.19	534.64	535.04	535.39	535.70	535.97	536.35	536.51	536.79	537.16	537.58	538.13	538.88	539.87	541.03	541.77
PIPES DIAMETER (MM)	DUCTILE IRON DN 100 MM ↵																																								
SPECIAL ACCESSORIES																																									
PARTIAL DISTANCE (M)	21.22	23.27	23.27	23.27	23.27	23.27	26.08	26.08	26.08	26.08	20.84	28.55	28.55	19.26	9.29	28.55	19.07	7.07	26.14	26.52	26.52	19.63	6.89	21.98	15.02	15.02	14.70	14.70	15.60	15.60	27.06	12.37	24.60	29.53	26.83	26.83	26.98	28.36	28.36	18.69	
CUMULATE DISTANCE	1048.72	1069.94	1093.21	1116.48	1139.75	1163.01	1186.28	1212.36	1238.45	1264.53	1290.61	1311.45	1340.00	1368.55	1387.80	1397.10	1425.65	1444.72	1451.79	1477.92	1504.44	1530.96	1550.59	1557.48	1579.46	1594.48	1609.50	1624.21	1638.91	1654.52	1670.12	1697.18	1709.55	1734.14	1763.67	1790.51	1817.34	1844.32	1872.68	1901.05	1919.73
HECTOMETER	11						12					13				14					15					16						17				18					19	
NATURE OF SOIL																																								

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

TRANSMISSION LINE

KNAISSE CONNECTION TO KNAISSE RESERVOIR (2/2)

SCALE : –	DATE : SEPTEMBER 2014	DRAWING N° : WS-WK-203-A.dwg
LIBANCONSULT AGM Consulting Engineers		N° : W,S,W,K,2,0,3 / REV. A