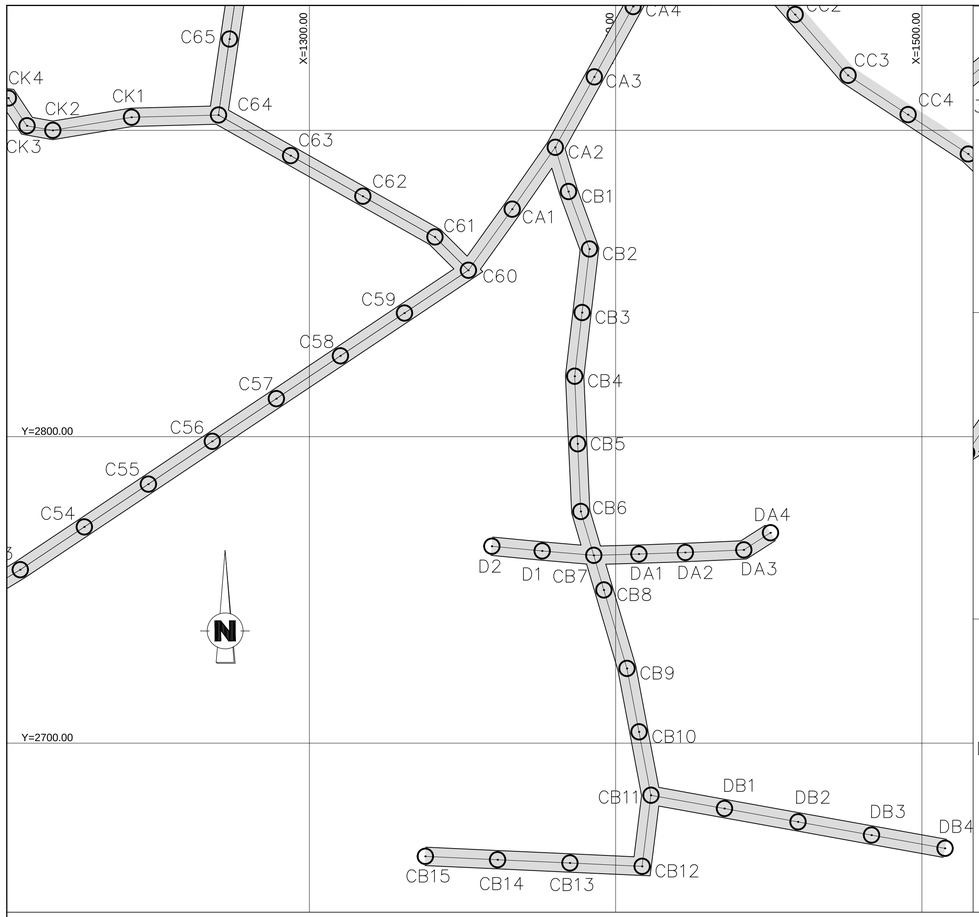
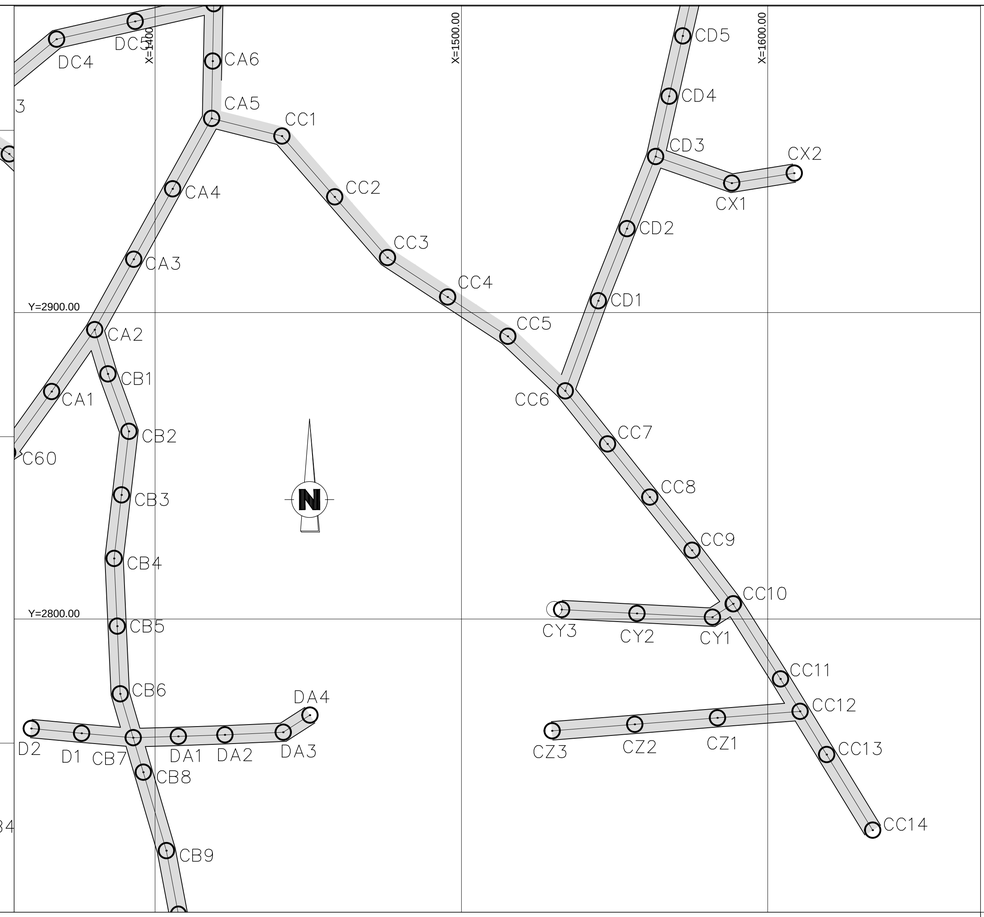
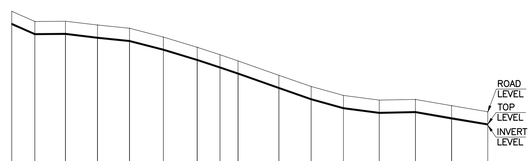




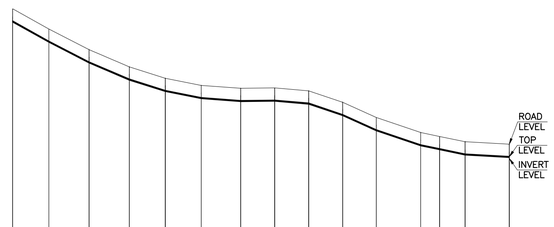
SCALE:
H: 1/2000
V: 1/200



DATUM ELEV = 515.00m

STAKES NUMBER	CA2	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	CB9	CB10	CB11	CB12	CB13	CB14	CB15
NATURAL GROUND LEVEL	525.56	524.89	524.91	524.66	524.45	523.88	523.21	522.72	522.32	521.38	520.65	520.07	519.76	519.81	519.40	519.00
TOP OF PIPE LEVEL	524.76	524.09	524.11	523.86	523.65	523.08	522.41	521.92	521.52	520.58	519.85	519.27	518.96	519.01	518.60	518.20
PIPES DIAMETER (MM)	OD 63 HDPE PN16															
SPECIAL ACCESSORIES																EC
PARTIAL DISTANCE (M)	15.06	19.96	20.90	20.90	22.11	22.11	14.91	11.77	26.68	21.08	21.08	23.35	23.61	23.61	23.61	
CUMULATE DISTANCE	0.00	15.062	35.020	55.918	76.816	98.921	121.026	135.938	147.709	174.393	195.477	216.562	239.908	263.519	287.130	310.741
HECTOMETER	0						1					2				3
NATURE OF SOIL																

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



DATUM ELEV = 510.00m

STAKES NUMBER	CA5	CC1	CC2	CC3	CC4	CC5	CC6	CC7	CC8	CC9	CC10	CC11	CC12	CC13	CC14
NATURAL GROUND LEVEL	525.03	523.71	522.36	521.24	520.50	520.03	519.84	519.86	519.67	518.92	517.93	516.95	516.69	516.35	516.19
TOP OF PIPE LEVEL	524.53	523.21	521.86	520.74	520.00	519.53	519.34	519.36	519.17	518.42	517.43	516.45	516.19	515.85	515.69
PIPES DIAMETER (MM)	OD 63 HDPE PN16														
SPECIAL ACCESSORIES										OIP					EC
PARTIAL DISTANCE (M)	23.64	26.28	26.28	23.46	23.46	25.88	22.16	22.16	22.16	21.99	29.03	12.35	16.56	28.91	
CUMULATE DISTANCE	0.00	23.641	49.919	76.197	99.657	123.116	148.997	171.154	193.312	215.469	237.456	266.488	278.841	295.396	324.304
HECTOMETER	0				1					2				3	
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

QARHA WATER SUPPLY SYSTEM
LINE D2.52 (CB1–CB15) & LINE D2.53 (CC1–CC14)

SCALE : 1/1000 – 1/2000
DATE : SEPTEMBER 2014
DRAWING N° : WS–WK–233–A.dwg

LIBANCONSULT AGM
Consulting Engineers

N° : W.S.W.K.2.3.3
REV. A

H G F E D C B A

A1