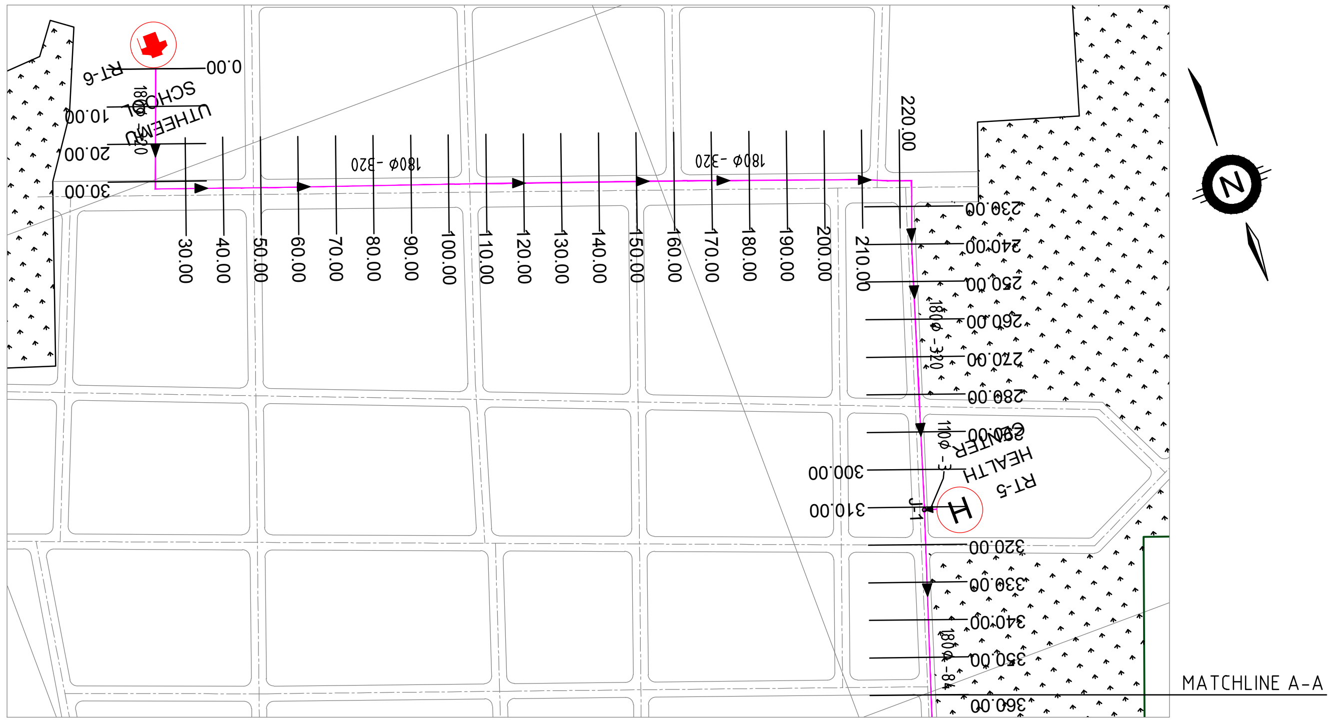

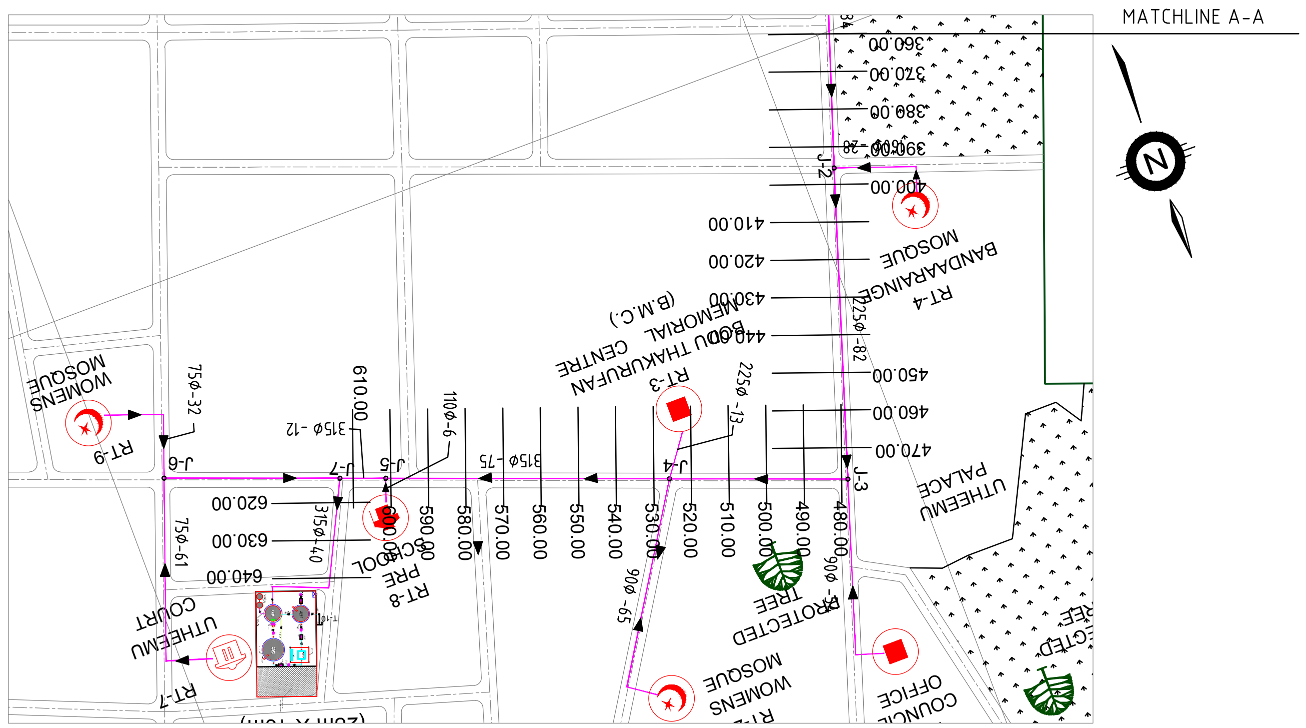

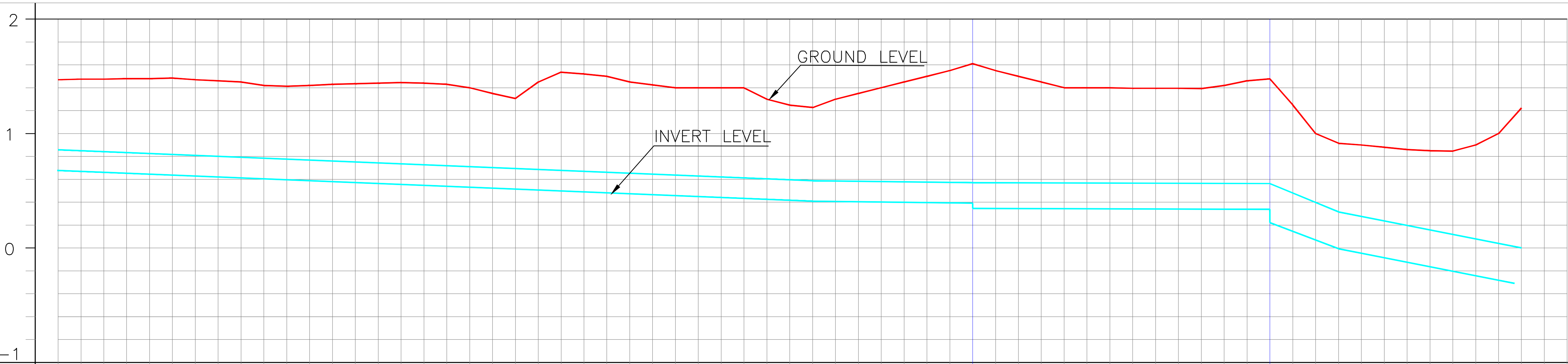

DATUM: −1

CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
GROUND/BED LEVEL	1.470	1.475	1.475	1.480	1.480	1.484	1.470	1.460	1.450	1.420	1.413	1.420	1.430	1.435	1.440	1.446	1.440
INVERT LEVEL	0.68	0.67	0.66	0.64	0.65	0.64	0.63	0.59	0.61	0.61	0.61	0.59	0.61	0.54	0.56	0.56	0.55

CHAINAGE	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320
GROUND/BED LEVEL	1.430	1.400	1.350	1.306	1.450	1.536	1.520	1.500	1.450	1.425	1.400	1.400	1.400	1.399	1.300	1.248
INVERT LEVEL	0.56	0.58	0.52	0.51	0.51	0.50	0.49	0.48	0.47	0.47	0.42	0.42	0.44	0.39	0.43	0.42

CHAINAGE	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480
GROUND/BED LEVEL	1.227	1.300	1.350	1.400	1.450	1.500	1.550	1.610	1.550	1.500	1.450	1.400	1.400	1.400	1.395	1.395
INVERT LEVEL	0.43	0.43	0.40	0.40	0.38	0.44	0.40	0.39	0.37	0.34	0.34	0.34	0.37	0.32	0.34	0.34

CHAINAGE	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640
GROUND/BED LEVEL	1.395	1.393	1.420	1.460	1.478	1.250	1.000	0.915	0.900	0.880	0.860	0.850	0.847	0.900	1.000	1.222
INVERT LEVEL	0.40	0.34	0.36	0.34	0.34	0.15	0.10	−0.01	−0.01	−0.08	−0.11	−0.16	−0.20	−0.24	−0.28	−0.31

	Chainage 0–400	Chainage 400–530	Chainage 530–640
DIA (mm)	180ϕ	225ϕ	315ϕ
SPECIALS		180ϕx225ϕ ENLARGER (at 400)	225ϕx315ϕ ENLARGER (at 530)

TENDER PURPOSE

NOTES:

1. ALL COORDINATES ARE BASED ON WGS 84 DATUM UTM SYSTEM.
2. UTM GRID ZONE - 43 N
3. ALL LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

NOTE:

GEOGRAPHICAL ATOLL - NORTHERN THILADHUNMATHI ATOLL
ADMINISTRATIVE ATOLL - HAA ALIFU ATOLL

Name of Island	Area (ha)	Dimensions (km)	
		Length	Width
Ha. Utheemu	47.40	0.90	0.73
Road Length (Approximately) = 5.93 km			

LEGEND:

- R — COMMUNITY ROOF
- PROPOSED STORAGE LOCATION
- PROPOSED CONVEYANCE SYTEM

No.	DESCRIPTION	BY	DATE	APPR.

REVISION

CONSULTANT
IN ASSOCIATION WITH
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES

CLIENT
MINISTRY OF ENVIRONMENT AND ENERGY
MALE' REPUBLIC OF MALDIVES

PROJECT
PROVISION OF RAINWATER HARVESTING SYSTEM IN 10 ISLANDS

ASSIGNMENT
CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN HA. UTHEEMU, HA. MULHADHOO, HA. MURAIDHOO, HA. ULIGAMU, HA. MAARANDHOO, HA. FILLADHOO, HDH. FINEY, HDH. KURINBI, HDH. NEYKURENDHOO, HDH. HIRIMARADHOO, MALDIVES [PACKAGE - 1]

DRAWING TITLE
L SECTION OF CONVEYANCE SYSTEM

APPROVED	CHECKED	DESIGNED	DRAWN
SSS	SSS	SPP	PDP

SCALE	DATE	DRAWING NUMBER	REVISION
AS SHOWN	FEB 2018	Ha. Utheemu/WS/06	0

A1-LANDSCAPE