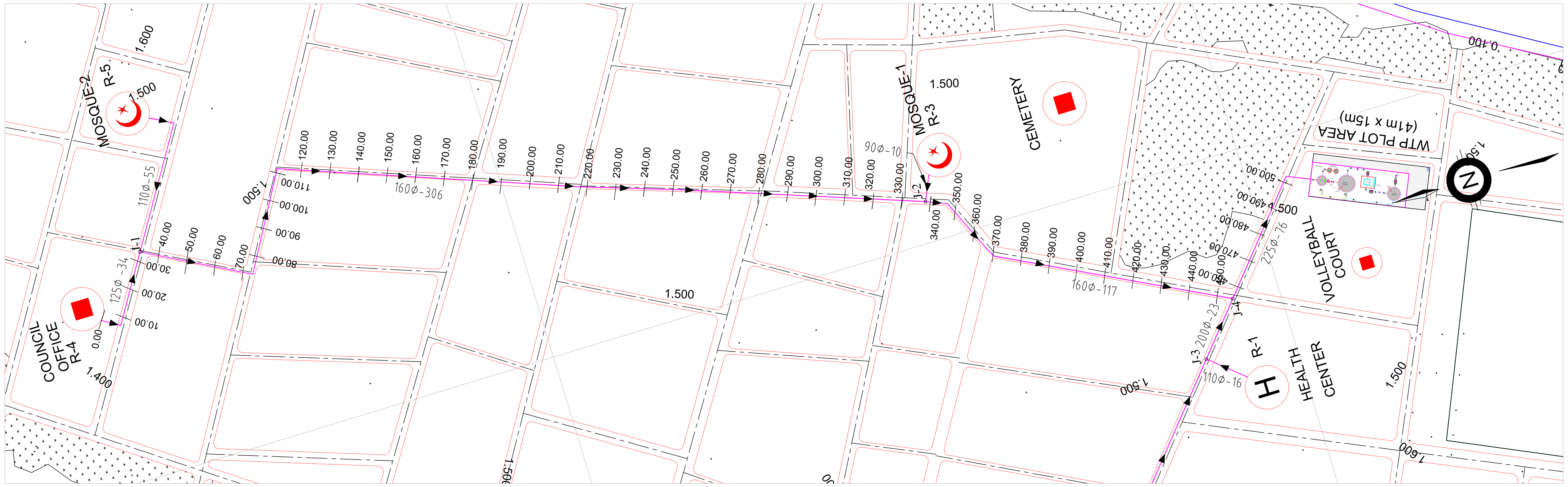

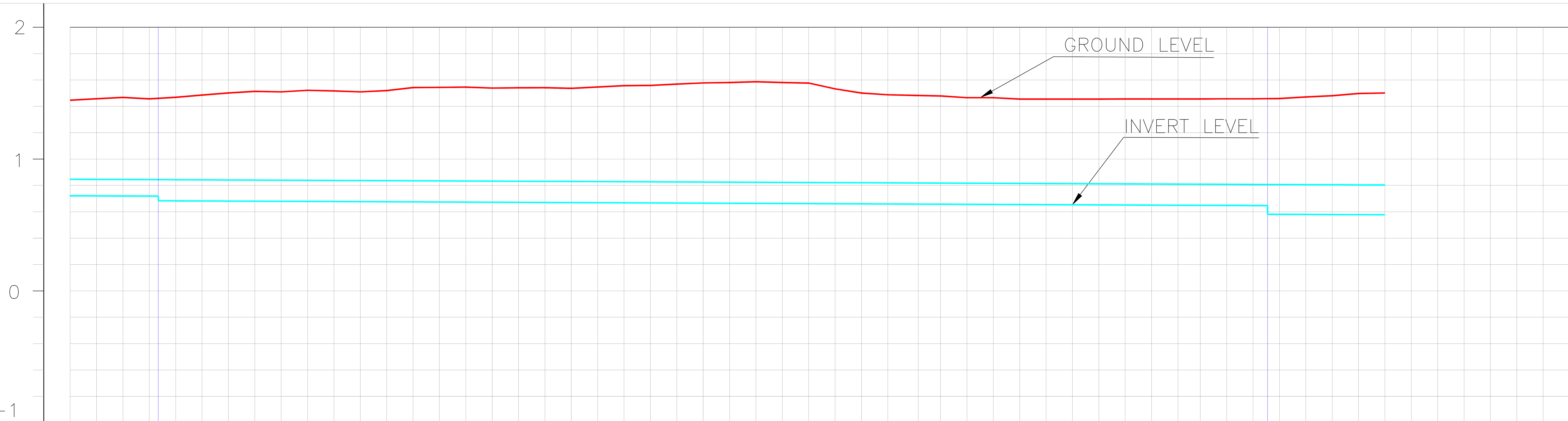

CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240
GROUND/BED LEVEL	1.446	1.457	1.467	1.456	1.468	1.485	1.501	1.513	1.509	1.521	1.516	1.509	1.519	1.542	1.543	1.545	1.538	1.540	1.541	1.536	1.546	1.556	1.558	1.568	1.577
INVERT LEVEL	0.72	0.72	0.72	0.72	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.66	0.66

CHAINAGE	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500
GROUND/BED LEVEL	1.580	1.586	1.580	1.576	1.532	1.500	1.487	1.482	1.478	1.465	1.465	1.454	1.454	1.454	1.454	1.455	1.455	1.455	1.455	1.456	1.456	1.458	1.470	1.479	1.496	1.500
INVERT LEVEL	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.58	0.58	0.58	0.58	0.58

	Chainage 0–40	Chainage 40–460	Chainage 460–500
DIA (mm)	125ø	160ø	225ø
SPECIALS	125øx160ø ENLARGER (at 40)	160x225ø ENLARGER (at 460)	

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 - SOUTHERN ARI ATOLL
ADMINISTRATIVE ATOLL - ALIFU DHAALU ATOLL

Name of Island	Area (ha)	Dimensions (km) Length	Width
Adh.Dhigurah	55.30	3.175	0.275
Road Length (Approximately) = 7.86 km			

LEGEND:

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

No.	DESCRIPTION	BY	DATE	APPR.

REVISION

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

CLIENT
MINISTRY OF ENVIRONMENT AND ENERGY
MALE' REPUBLIC OF MALDIVES

PROJECT
PROVISION OF RAINWATER HARVESTING SYSTEM IN 8 ISLANDS

ASSIGNMENT
CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN AA. HIMANDHOO, AA. BODUFULHADHOO, AA. MATHIVERI, ADH. KUNBURUDHOO, ADH. DHIGURAH, DH. BANDIDHOO, DH. HULHUDHELI, DH. MEEDHOO, MALDIVES [PACKAGE - 3]

DRAWING TITLE
L SECTION OF CONVEYANCE SYSTEM
ADH.DHIGURAH

APPROVED	CHECKED	DESIGNED	DRAWN
SSS	SSS	SPP	PDP

SCALE	DATE	DRAWING NUMBER	REVISION
AS SHOWN	FEB 2018	Adh.Dhigurah/WS/06	0

A1-LANDSCAPE