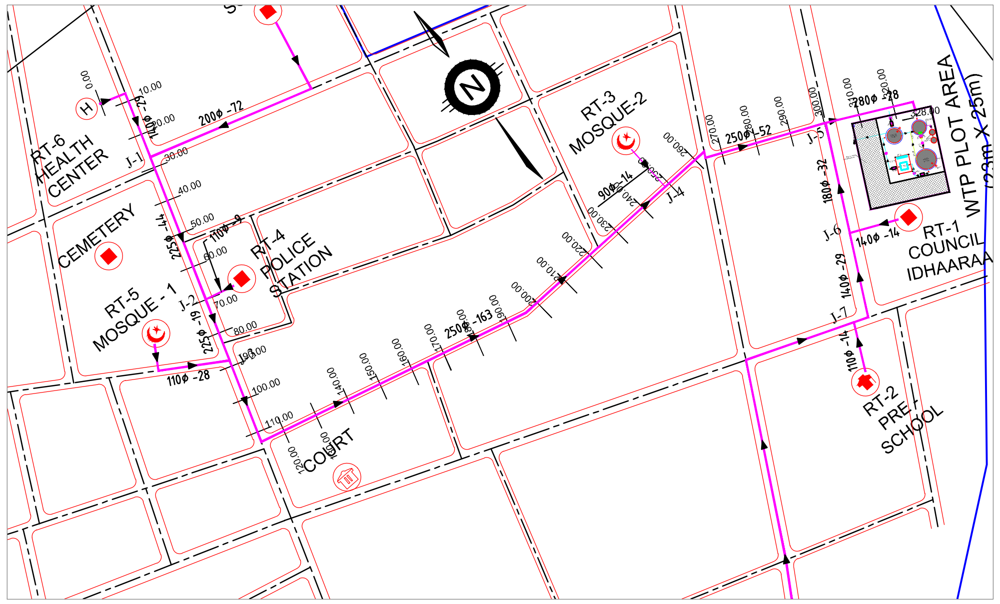

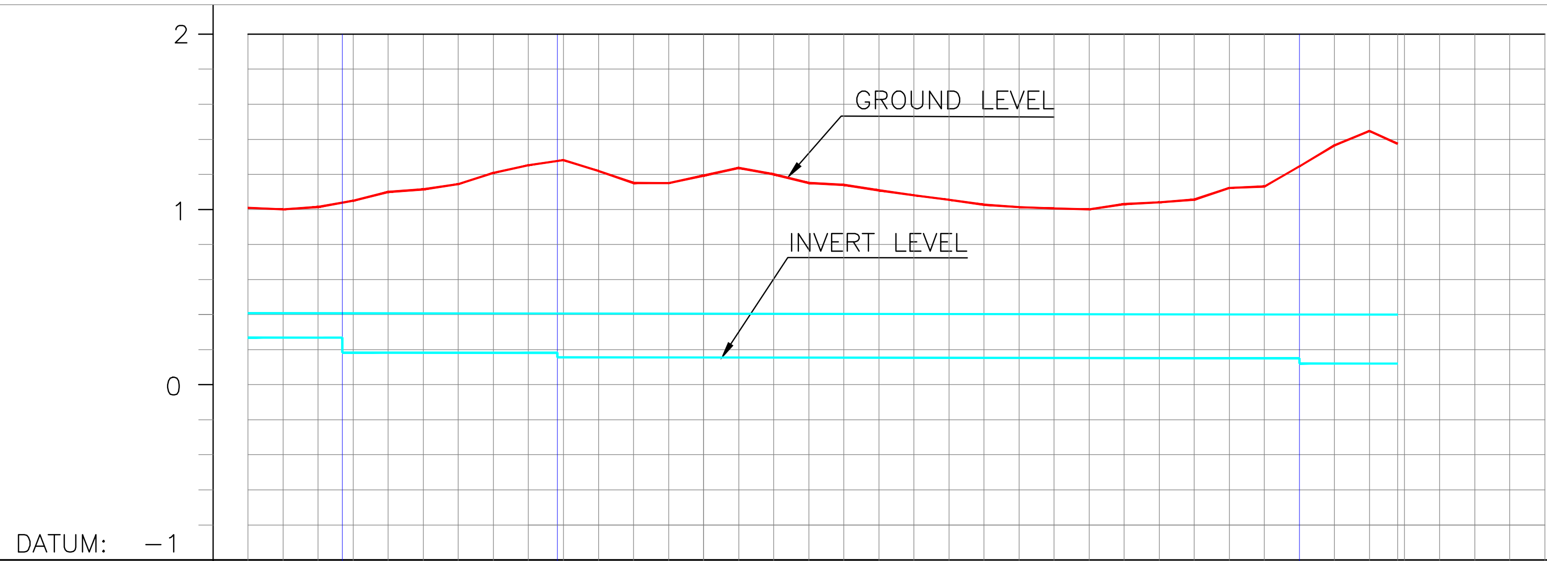

CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
GROUND/BED LEVEL	1.009	1.000	1.014	1.050	1.100	1.114	1.144	1.208	1.252	1.281	1.220	1.151	1.150	1.193	1.237	1.200	1.151
INVERT LEVEL	0.27	0.27	0.27	0.18	0.18	0.18	0.18	0.18	0.18	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15

CHAINAGE	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	328
GROUND/BED LEVEL	1.140	1.109	1.081	1.055	1.027	1.013	1.006	1.000	1.030	1.040	1.056	1.123	1.131	1.246	1.366	1.4480	1.3750
INVERT LEVEL	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.12	0.12	0.12

DIA (mm)	140ø (0–30)	225ø (30–90)	250ø (90–300)	280ø (300–328)
SPECIALS	140øx225ø ENLARGER (at 30)	225øx250ø ENLARGER (at 90)	250øx280ø ENLARGER (at 300)	

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 NILANDHE ATOLL
ADMINISTRATIVE ATOLL - DHAALU ATOLL

Name of Island	Area (ha)	Dimensions (km) Length	Width
Dh. Meedhoo	10.80	0.450	0.275
Road Length (Approximately) = 4.05 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
DH.MEEDHOO

APPROVED	CHECKED	DESIGNED	DRAWN
SSS	SSS	SPP	PDP

SCALE	DATE	DRAWING NUMBER	REVISION
AS SHOWN	FEB 2018	Dh.Meedhoo/WS/06	0

A1-LANDSCAPE