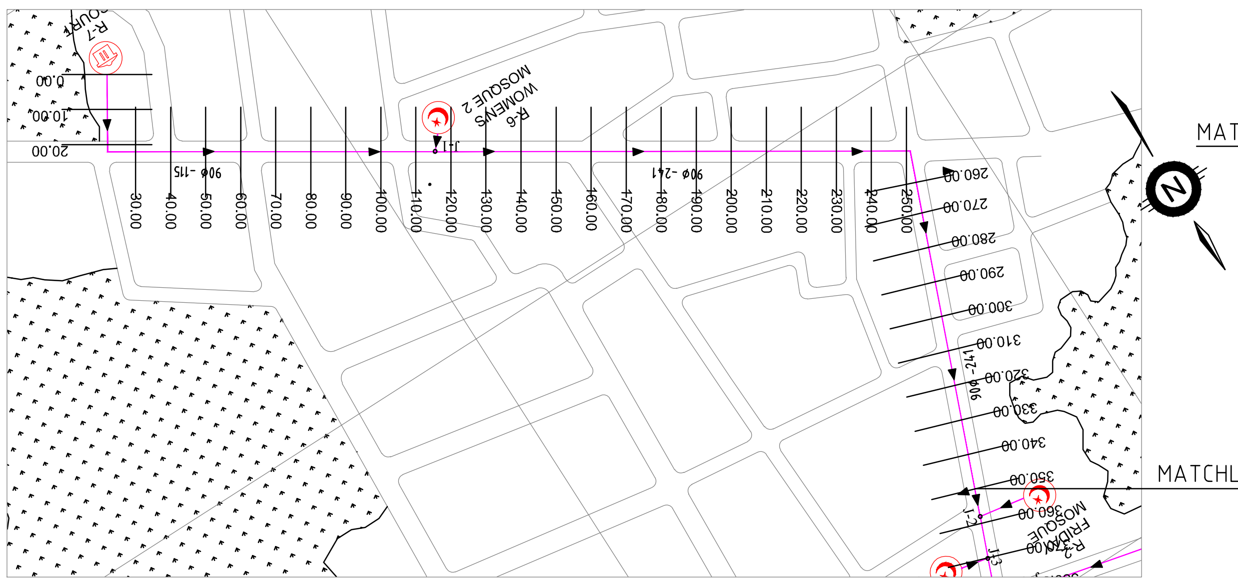

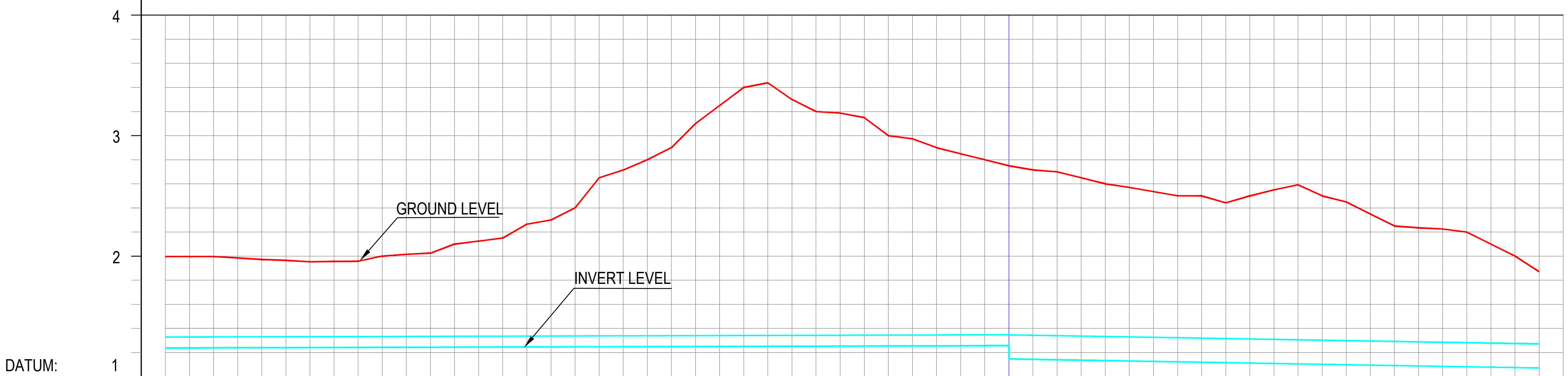

CHAINAGE	0	10	20	30	40	50	60	70	80	90
GROUND/BED LEVEL	1.997	1.997	1.997	1.985	1.972	1.965	1.953	1.956	1.958	2.000
INVERT LEVEL	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24

CHAINAGE	100	110	120	130	140	150	160	170	180	190
GROUND/BED LEVEL	2.015	2.025	2.100	2.125	2.15	2.265	2.300	2.400	2.650	2.715
INVERT LEVEL	1.24	1.24	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.25

CHAINAGE	200	210	220	230	240	250	260	270	280	290
GROUND/BED LEVEL	2.800	2.900	3.100	3.250	3.400	3.438	3.300	3.200	3.187	3.150
INVERT LEVEL	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25

CHAINAGE	300	310	320	330	340	350	360	370	380	390
GROUND/BED LEVEL	3.000	2.974	2.900	2.850	2.800	2.750	2.715	2.700	2.650	2.600
INVERT LEVEL	1.25	1.25	1.26	1.26	1.26	1.26	1.14	1.14	1.14	1.13

CHAINAGE	400	410	420	430	440	450	460	470	480	490
GROUND/BED LEVEL	2.570	2.536	2.501	2.500	2.442	2.500	2.550	2.592	2.500	2.450
INVERT LEVEL	1.13	1.13	1.12	1.12	1.12	1.11	1.11	1.11	1.10	1.10

CHAINAGE	500	510	520	530	540	550	560	570
GROUND/BED LEVEL	2.350	2.250	2.235	2.225	2.200	2.100	2.000	1.871
INVERT LEVEL	1.10	1.09	1.09	1.08	1.08	1.08	1.07	1.07

DIA (mm): 90Ø (chainage 0–350); 200Ø (chainage 350–570)

SPECIALS: 90Øx200Ø ENLARGER (at chainage 350)

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. Maarandhoo	43.60	1.08	0.52
Road Length (Approximately) = 6.87 km			

LEGEND:

- R — COMMUNITY ROOF
- PROPOSED WTP 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. Maarandhoo/WS/06	0

A1-LANDSCAPE