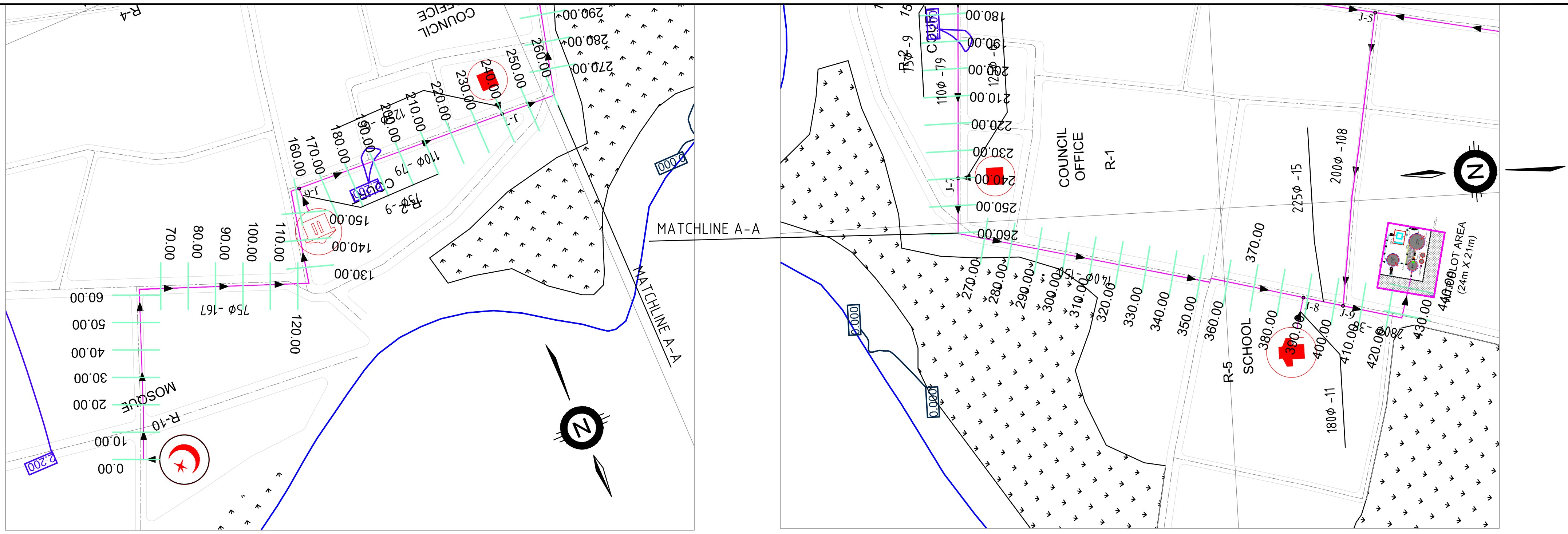

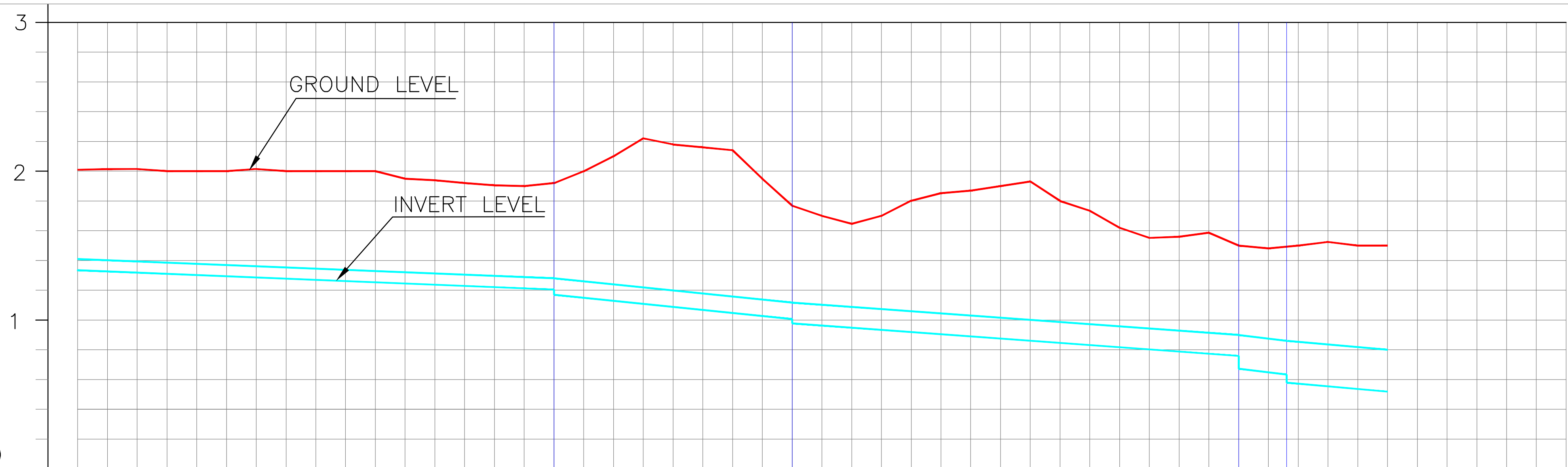

CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140
GROUND/BED LEVEL	2.0100	2.0140	2.0150	2	2	2	2.0150	2	2	2	2.0010	1.9500	1.9400	1.9200	1.9050
INVERT LEVEL	1.33	1.33	1.32	1.31	1.30	1.29	1.29	1.28	1.27	1.26	1.25	1.25	1.24	1.23	1.22

CHAINAGE	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290
GROUND/BED LEVEL	1.9000	1.9201	2	2.1000	2.2210	2.1800	2.1600	2.1410	1.9500	1.7680	1.7000	1.6460	1.7000	1.8020	1.8520
INVERT LEVEL	1.21	1.20	1.15	1.13	1.11	1.09	1.07	1.05	1.03	1.01	0.96	0.95	0.93	0.92	0.90

CHAINAGE	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440
GROUND/BED LEVEL	1.8700	1.9000	1.9310	1.8000	1.7340	1.6200	1.5520	1.5600	1.5870	1.5000	1.4810	1.5000	1.5250	1.5000	1.5000
INVERT LEVEL	0.89	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.65	0.63 0.55	0.55	0.54	0.52

DIA (mm)	Chainage 0–160	Chainage 160–240	Chainage 240–390	Chainage 390–410	Chainage 410–440
	75Ø	110Ø	140Ø	225Ø	280Ø

SPECIALS	at 160	at 240	at 390	at 410
	75Øx110Ø ENLARGER	110Øx140Ø ENLARGER	140Øx225Ø ENLARGER	225Øx280Ø ENLARGER

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 THILADHUNMATHI ATOLL
ADMINISTRATIVE ATOLL - HAA DHAALU ATOLL

Name of Island	Area (ha)	Dimensions (km)	
		Length	Width
Hdh. Neykurendhoo	168.60	1.73	1.18
Road Length (Approximately) = 8.13 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	Hdh.Neykurendhoo/WS/06	0

A1-LANDSCAPE