



DATUM:																																																																																																																																																						
GROUND/BED LEVEL	1.100	1.130	1.150	1.093	1.200	0.950	1.000	1.106	0.956	1.000	1.164	1.170	1.185	1.130	1.080	1.000	0.954	0.860	0.821	0.800	0.764	0.763	0.762	0.819	0.800	0.776	0.800	0.803	0.809	0.814	0.810	0.809	0.808	0.807	0.810	0.820	0.830	0.848	0.870	0.890	0.901	0.877	0.830	0.800	0.738	0.730	0.720	0.711	0.675	0.630	0.601	0.600	0.595	0.550	0.500	0.451	0.500	0.514	0.600	0.600																																																																																										
INVERT LEVEL	0.39	0.36	0.37	0.30	0.30	0.26	0.21	0.18	0.15	0.12	0.07	0.05	0.04	0.02	0.00	-0.02	-0.03	-0.07	-0.07	-0.09	-0.11	-0.12	-0.14	-0.14	-0.17	-0.16	-0.19	-0.19	-0.22	-0.22	-0.23	-0.24	-0.24	-0.25	-0.26	-0.26	-0.26	-0.28	-0.28	-0.29	-0.39	-0.37	-0.37	-0.38	-0.38	-0.39	-0.41	-0.39	-0.40	-0.42	-0.41	-0.41	-0.42	-0.42	-0.41	-0.45	-0.44	-0.42	-0.47	-0.46																																																																																										
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	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	510	520	530	540	550	560	570	580	590																																																																																										
DIA (mm)	1100																														1400																														1600																														1800																														2500																													
SPECIALS	1100x1400 ENLARGER																														1400x1600 ENLARGER																														1600x1800 ENLARGER																														1800x2500 ENLARGER																																																											

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. Filadhoo	260.90	5.85	1.45

Road Length (Approximately) = 6.65 km

LEGEND:

- R COMMUNITY ROOF
- PROPOSED STORAGE LOCATION
- PROPOSED CONVEYANCE SYSTEM

REVISION			
No.	DESCRIPTION	BY	DATE
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. UTHEMLI, HA. MULHADHOO, HA. MURADHOO, HA. ULIGAMI, HA. MAARANDHOO, HA. FILLADHOO, HDH. FINEY, HDH. KURINBI, HDH. NEYKURENDHOO, HDH. HIRIMARADHOO, MALDIVES (PACKAGE - I)			
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. Filadhoo/WS/06	0