



DATUM: -1

GROUND/BED LEVEL	0.400	0.390	0.380	0.377	0.370	0.365	0.400	0.410	0.430	0.450	0.460	0.460	0.500	0.590	0.600	0.620	0.620	0.600	0.580	0.570	0.560	0.580	0.610	0.600	0.600	0.610	0.610	0.625	0.630	0.635	0.600	0.570	0.545	0.550	0.560	0.565	0.570	0.575	0.580	0.590	0.590	0.585	0.580	0.575	0.570	0.650	0.795	0.700	0.650	0.600	0.575	0.580	0.620	0.635	0.640	0.640	0.640	0.645	0.645				
INVERT LEVEL	-0.36	-0.36	-0.36	-0.36	-0.37	-0.37	-0.37	-0.38	-0.39	-0.39	-0.39	-0.40	-0.42	-0.42	-0.43	-0.43	-0.43	-0.43	-0.44	-0.44	-0.44	-0.45	-0.52	-0.52	-0.52	-0.56	-0.57	-0.57	-0.57	-0.58	-0.58	-0.58	-0.58	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59	-0.61	-0.62	-0.62	-0.62	-0.62	-0.63	-0.63	-0.64	-0.64	-0.64	-0.64	-0.64	-0.65	-0.65	-0.65	-0.66	-0.66	-0.66	-0.66	-0.67	-0.67	-0.67	-0.68	-0.68
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	600		
DIA (mm)	160ø												180ø										250ø										280ø																														
SPECIALS	160øx180ø ENLARGER												180øx110ø ENLARGER										180øx110ø 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 - KOLHUMADULU ATOLL  
 ADMINISTRATIVE ATOLL - THAA ATOLL

Name of Island	Area (ha)	Dimensions (km)	
		Length	Width
Th. Kinbidhoo	34.40	0.930	0.675

Road Length (Approximately) = 6.73 km

**LEGEND:**

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

No.	DESCRIPTION	BY	DATE	APPR.
REVISION				

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

**TENDER PURPOSE**

**CLIENT:** MINISTRY OF ENVIRONMENT AND ENERGY  
 MALDIVES REPUBLIC OF MALDIVES

**PROJECT:** PROVISION OF RAINWATER HARVESTING SYSTEM IN 9 ISLANDS

**ASSIGNMENT:** CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN TH. VANBHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOODHOO, TH. KINBIDHOO, TH. DHIYAMGILI, M. RAIYMANBHOO, M. VEYVAI, M. NAALAFUSHI, MALDIVES (PACKAGE - 4)

**DRAWING TITLE:** L SECTION OF CONVEYANCE SYSTEM  
 TH. KINBIDHOO

APPROVED	SSS	CHECKED	SSS	DESIGNED	SPP	DRAWN	PDP
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SCALE: AS SHOWN  
 DATE: FEB 2018  
 DRAWING NUMBER: Th. Kinbidhoo/WS/06  
 REVISION: 0