



DATUM: -1

GROUND/BED LEVEL	0.950	0.950	0.950	0.950	0.950	0.950	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.910	0.910	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.840	0.850	0.900	0.910	0.900	0.850	0.835	0.820	0.800	0.850	0.950	0.940	0.938	0.935	0.935	0.930	0.930	0.935	0.940	0.945	0.945		
INVERT LEVEL	0.30	0.30	0.29	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.25	0.25	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.21	0.21	0.21	0.18	0.18	0.17	0.17	0.16	0.16	0.08	0.08	0.08	0.07	0.07	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01
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			
DIA (mm)	90ø																					110ø		180ø		200ø																			
SPECIALS																						90øx110ø ENLARGER		110øx180ø ENLARGER		180øx200ø 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. Vandhoo	26.20	0.72	0.60

Road Length (Approximately) = 2.29 km

**LEGEND:**

- COMMUNITY ROOF
- PROPOSED WTP LOCATION
- PROPOSED CONVEYANCE SYSTEM

No.	DESCRIPTION	BY	DATE	APPR.
REVISION				
CONSULTANT <b>SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA</b> IN ASSOCIATION WITH <b>DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES</b>				

<b>CLIENT</b> MINISTRY OF ENVIRONMENT AND ENERGY MALDIVES REPUBLIC OF MALDIVES	
<b>PROJECT</b> PROVISION OF RAINWATER HARVESTING SYSTEM IN 9 ISLANDS	
<b>ASSIGNMENT</b> CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN TH. VANDHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOODHOO, TH. KINHIDHOO, TH. DHIYAMGILI, M. RAIYMANDHOO, M. VEYVAI, M. NAALAFUSHI, MALDIVES (PACKAGE - 4)	
<b>DRAWING TITLE</b> L SECTION OF CONVEYANCE SYSTEM TH. VANDHOO	
<b>APPROVED</b> SSS	<b>CHECKED</b> SSS
<b>DESIGNED</b> SPP	<b>DRAWN</b> PDP
<b>SCALE</b> 1:1,200	<b>DATE</b> FEB 2018
<b>DRAWING NUMBER</b> Th. Vandhoo/WS/06	<b>REVISION</b> 0

**TENDER PURPOSE**