

KEY PLAN : TH. OMADHOO

The map illustrates the water supply network layout for Th. Omadhoo. The network starts at the **WTP PLOT AREA (21m X 23m)** and follows a path through several junctions (J-1 to J-5) and various facilities:

- RT-5 HEALTH CENTER** (marked with 'H')
- RT-4 MOSQUE-2** (marked with a crescent and star)
- RT-6 YOUTH CENTER** (marked with a red square)
- COUNCIL OFFICE RT-2** (marked with a red square)
- RT-3 MOSQUE-1** (marked with a crescent and star)
- SCHOOL RT-1** (marked with a red cross)
- FOOTBALL FIELD**

The network is shown with a pink line and arrows indicating the flow direction. Pipe segments are labeled with their diameter and length (e.g., 90φ-42, 110φ-22, 125φ-87, 200φ-59, 225φ-122, 90φ-185, 225φ-82, 180φ-219). The map includes a key plan inset in the top left corner showing the location of the area on a larger map. The map is bounded by coordinates N239800, N239600, E280200, E280400, and E280600. A north arrow is located in the top right corner.

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.

ROOF AREA DETAIL:-

Sr No	Roof Top	Community Centre	Area (Ha)
1	RT-1	School	0.105
2	RT-2	Council office	0.02
3	RT-3	Mosque-1	0.035
4	RT-4	Mosque-2	0.019
5	RT-5	Health Centre	0.021
6	RT-6	Youth Centre	0.008
Grand Total Roof Area			0.2080

LEGEND:-

CONVEYANCE SYSTEM	
SLUICE VALVE	
WTP	
CATCHMENT ROOF	

Node No. 1

63ø-57

Nominal Pipe Dia (MM)

Pipe Length (M)

CLIENT			
MINISTRY OF ENVIRONMENT AND ENERGY MALE 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. VANDHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOODHOO, TH. KINBIDHOO, TH. DHIFYAMIGILI, M. RAYMANDHOO, M. VEYVAH, M. NAALAFUSHI, MALDIVES (PACKAGE - 4)			
DRAWING TITLE			
KEY PLAN OF PROPOSED RAIN WATER CONVEYANCE SYSTEM TH. OMADHOO			
APPROVED		CHECKED	DESIGNED
SSS		SSS	SPP
SCALE		DATE	REVISION
1:750		FEB 2018	Th. Omadhoo/WS/02
CONSULTANT			
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES			
REVISION			
No.	DESCRIPTION	BY	DATE