



**NOTE:**

1. All Dimensions Are In Meter
2. Survey Work Carried Out During September 2020
3. Total Trees 10801 Nos
4. Drawing Is Based On WGS84 And UTM44 Projection.
5. The Benchmark has been taken at Chennai, Mount Road,Munro Statute Pedestal RL:5.398m
6. The Contours are Drawn at an interval of 1.0m

**ALLOTTED AREA BOUNDARY DETAILS**

B.NO	BOUNDARY EAST	CO-ORDINATE NORTH
B1	416541.576	1405939.606
B2	416239.814	1405118.287
B3	416070.785	1405169.213
B4	416027.095	1405183.206
B5	416000.492	1405192.689
B6	415895.831	1405226.141
B7	415878.897	1405231.554
B8	415885.064	1405246.286
B9	415903.892	1405289.759
B10	415937.553	1405373.505
B11	415966.450	1405451.569
B12	415996.135	1405532.050
B13	416033.732	1405633.822
B14	416061.741	1405709.521
B15	416092.671	1405793.041
B16	416119.511	1405865.617
B17	416142.397	1405927.222
B18	416171.293	1406004.998
B19	416214.734	1406113.546
B20	416360.513	1406100.000
B21	416356.857	1406078.315

Rev	Date	Description	Drawn	Chkd	Appd
R0	JUNE-2020				

Client:

Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)

Project management Consultant :

SMEC International Pty Ltd ,  
Tata Consulting Engineers Limited (TCE),  
NIS Engineers India Pvt Ltd (NJSEI) ,  
SMEC India Pvt Ltd.

Project Survey Consultant :

PRIME MERIDIAN SURVEYS PVT. LTD (PMSPL), INDIA,  
29,First Floor, Dharamaraja Kovil Street,  
SAIDAPET, CHENNAI-600 015.  
PH No : 044 -24353669/24343663,  
Mobile: -94440 20824

Project Title:

TOPOGRAPHICAL SURVEY AT PERUR

Project Name:

Consultancy for "Design, Preparation of Bid Documents & Evaluation of Bids for the Proposed Construction of 400 MLD Capacity Seawater Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the Proposed Desalination Plant and its Product Water Conveyance Pipeline from the Plant and upto Porur and all allied works"

Drawing Title:

TOPO SURVEY - SPOT LEVELS & CONTOURS

Drawn : B.RAJESH

Checked: G.N.KUMARAN

SURVEYED : SARAVANAN

Approved:

Date : SEP-2020

Scale: A1

Drawing Number:

7061563/PMC400MLD/CP1/TOPO/001

Sh.No

1 OF 1

Revision:

R0

LEGEND									
SITE BOUNDARY		NAME BOARD		ROAD LEVELS					
ROAD BT		TREES		GROUND LEVELS					
CEMENT ROAD		TRAFFIC SIGN BOARD		BENCHMARK					
FENCE		TRAFFIC SIGNAL POLE		TEMPLE					
TREES BOUNDARY		ELECTRICAL LINE		ENCROACHMENT					
CCTV CAMERA		GATE		VODAFONE MANHOLE					
BORE WELL		SURVEY STONE		LAMP POST					
ELECTRICAL POST		North side Burial Ground Co-Ordinate							
ELECTRICAL TRANSFORMER									
HECTOMETRE STONE									
KILOMETRE STONE									
HAND PUMP									
		South side Burial Ground Co-Ordinate							
		P.Id	Easting	Northing	P.Id	Easting	Northing		
		C1	416369.681	1405957.891	C5	416277.378	1405918.883		
		C2	416354.627	1405918.681	C6	416291.787	1405956.197		
		C3	416329.887	1405928.179	C7	416276.861	1405961.961		
		C4	416319.855	1405902.574	C8	416287.580	1405989.445		
		C9	416211.861	1405256.896	C10	416196.478	1405223.245		
		C11	416156.916	1405241.331	C12	416172.299	1405274.981		

**Surveyed Area Details:**

Burial Ground-1  
Area:1.32 Acres

Allotted Area  
(Excluding Burial Grounds)  
Area:83.696 Acres

Seashore Land  
Area:9.137 Acres

Burial Ground-2  
Area:0.53 Acre