



- NOTE:
1. All Dimensions Are In Meter
 2. Survey Work Carried Out During September 2020 & December 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 0.20m

LEGEND	
SITE BOUNDARY	NAME BOARD
ROAD BT	TREES
CEMENT ROAD	TRAFFIC SIGN BOARD
FENCE	TRAFFIC SIGNAL POLE
TREES BOUNDARY	ELECTRICAL LINE
CCTV CAMERA	GATE
BORE WELL	SURVEY STONE
ELECTRICAL POST	ROAD LEVELS
ELECTRICAL TRANSFORMER	GROUND LEVELS
HECTOMETRE STONE	BENCHMARK
KILOMETRE STONE	TEMPLE
HAND PUMP	ENCROACHMENT
LAMP POST	FLAG POLE
VODAFONE MANHOLE	

Rev	Date	Description	Drawn	Chd	Appd
01	DECEMBER-2020		B RAJESH	G. N. KUMARAN	
02	SEPTEMBER-2020		B RAJESH	G. N. KUMARAN	

Client:	Project Management Consultant:
Chemical, Metropolitan Water Supply and Sewerage Board (CMWSB)	SMEC International Pvt Ltd, Tata Consulting Engineers Limited (TCE), NJS Engineers India Pvt Ltd (NJSI), SMEC India Pvt Ltd.

Project Survey Consultant:	Project Title:
	TOPOGRAPHICAL SURVEY AT PERUR DSP.

Project Name:	Consultancy for "Design, Preparation of Bid Documents & Evaluation of Bids for the Proposed Construction of 400 MLD Capacity Sewerage 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 Perur and all allied works"
Drawing Title:	TOPO SURVEY - SPOT LEVELS & CONTOURS
Drawn:	Checked:
SURVEYED: SARAVANAN	Approved: G.N.KUMARAN
Date: DECEMBER-2020	Scale: 1:1500 (A9)
Drawing Number: 7061563/PMC400MLD/CPI/TOPO/002	Sheet No: 1 OF 1

PBM Details :

PBM-No.	Easting	Northing	Elevation	Remarks
PBM-P1	416186.437	1405983.490	5.866	Engraved on Cement Road
PBM-P2	416339.798	1405950.105	4.918	Engraved on Cement Road
PBM-P3	415947.753	1405405.949	8.756	Engraved on Retaining Wall
PBM-P4	415900.054	1405289.050	8.971	Engraved on Retaining Wall

Surveyed Area Details:
South Side

South side Land Co-ordinate		
P.Id	Easting	Northing
B01	415744.244	1404687.637
B02	415871.572	1404651.988
B03	415941.030	1404866.420
B04	415782.752	1404924.114

North side Burial Ground Co-ordinate

North side Burial Ground Co-ordinate					
P.Id	Easting	Northing	P.Id	Easting	Northing
B1	416369.681	1405957.891	B5	416277.378	1405918.883
B2	416354.627	1405918.681	B6	416291.787	1405956.197
B3	416329.887	1405928.179	B7	416278.861	1405981.961
B4	416319.855	1405902.574	B8	416287.580	1405989.445

South side Burial Ground Co-ordinate

South side Burial Ground Co-ordinate	
P.Id	Easting
B9	416211.861
B10	416196.478
B11	416156.916
B12	416172.299

Surveyed Area Details:
North Side
Burial Ground-1
Area:1.32 Acres
Allotted Area
Area:84.23 Acres
Total Area
Area:95.22 Acres
Burial Ground-2
Area:0.53 Acre