

Pimpri Chinchwad Municipal Corporation, Pimpri-18.

Supply & Fixing precast cement concrete cylindrical Bollard

Rate from SSR-2017-18

Date 3-7-18

Supply & Fixing precast cement concrete cylindrical Bollard of size (as per detail drawing attached) & 950mm height (650mm above finish level of 150mm Diameter manufactured by M-30 grade of concrete (with VSI quality standard Artificial Sand) by vibro compaction process using FRP moulds & painting with approved weather shield paint of approved colour & texture, single & Double groove cut inside of 10mm width and 75mm wide placed at 150 mm from top finish (Reflective fluorescent tape should be stucked at 75mm grooved placed) as per detail drawing as directed by engineer in charge. including transportation ,Loading, unloading and including all other taxes and excluding GST.

	Description	No.	L	B	D	Qty.	Rate	Unit	Amt.	Remark
	Unit- For 100 Nos									
A]	Excavation	100	0.3	0.3	0.3	2.70	131.25	Cum	354.38	21.02, 1/259
B]	PCC M-15	100	0.3	0.3	0.3	2.70				
	Deduction for Bollard	-100	0.785 * 0.15* 0.15	0.0177	0.325	-0.57				
					Total	2.13	3645.00	Cum	7749.16	24.01, 1/287
C]	For RCC M-30 without SCADA for Footing (with VSI quality standard Artificial Sand)									
	Full Height bollard quantity	100	(3.14 x 0.15 x 0.15)/4		0.95	1.68				
					Total A	1.678	5423.150	Cum	9099.71	25.15, BDF 3/298
D]	Steel Reinforcement									
	8mm	600	0.9			540		Rmt.	540.00	
								Kg / Rmt.	0.396	
								Total (i)	Kg.	213.84
	8mm rings	501	0.52			261.14		Rmt.	261.14	
								Kg / Rmt.	0.396	
								Total (ii)	Kg.	103.41
								Gross Total (i+ii)	Kg	317.25
					Total B		48.624	Rs.	15426.19	26.33, BDF 17/306
E]	Primer Coat (Single Coat)	100	3.14 x 0.15		0.95	44.77	19.95	Sq.m	893.12	36.01, 1 BDP 7D
F]	2 coats of Exterior white weather shield paint (of Approved Color)	100	3.14 x 0.15		0.95	44.77	201.6	Sq.m	9025.17	35.26, 1 BDP 7D
G]	Reflective fluorescent tape (of Approved Color)	200	(3.14 x 0.15) +0.05		0.075	7.82	6058.5	Sq.m	47368.89	6.34, MORTH 804
H]	Labour Charges for Casting in position									
	100 Nos will be casted in a day by 10 skilled & 10 unskilled labours									
	Mason IInd class	10	Nos				494.00	per day	4940.00	PCMC Rate List
	Mazdoor Unskilled (Heavy Male)	10	Nos				448.00	per day	4480.00	PCMC Rate List
					Total C			Rs.	9420.00	

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	Description	No.	L	B	D	Qty.	Rate	Unit	Amt.	Remark	
1]	Loading & Unloading										
	Considering Transportation by Truck 10 MT Capacity (50 Nos will be transported in one trip)										
	truck transport rent trip (2 trip)		2			2	631.480	Per/Trip	1262.96	SSR C-statement	
								Total	1262.96		
							Total Rate for 100 No		A+B+C+D+E+F+G+H+I	100599.56	
							Therefore Rate Per No		Total Rs.	1006.00	
								Say Rs.	1006.00	Per No	
	Rate is Proposed for RCC Bollard in RCC M-30 without SCADA								Rs.	1006.00	Per No
	Rate In Words :- Rs. One Thousand and Six only										



[Signature]
Junior Engineer
PCMC

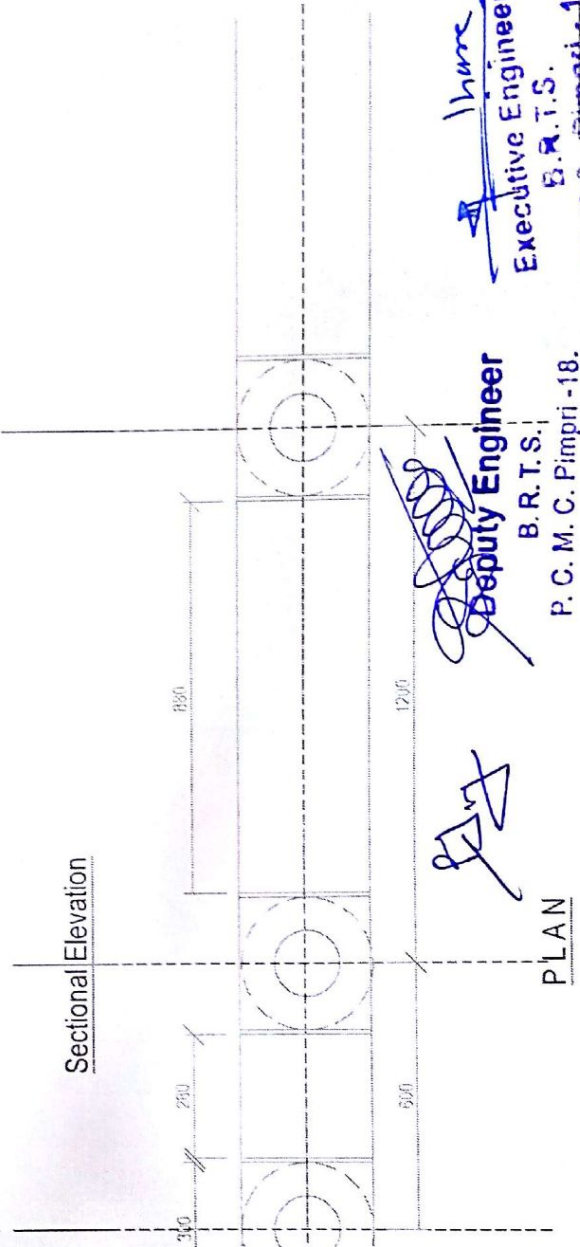
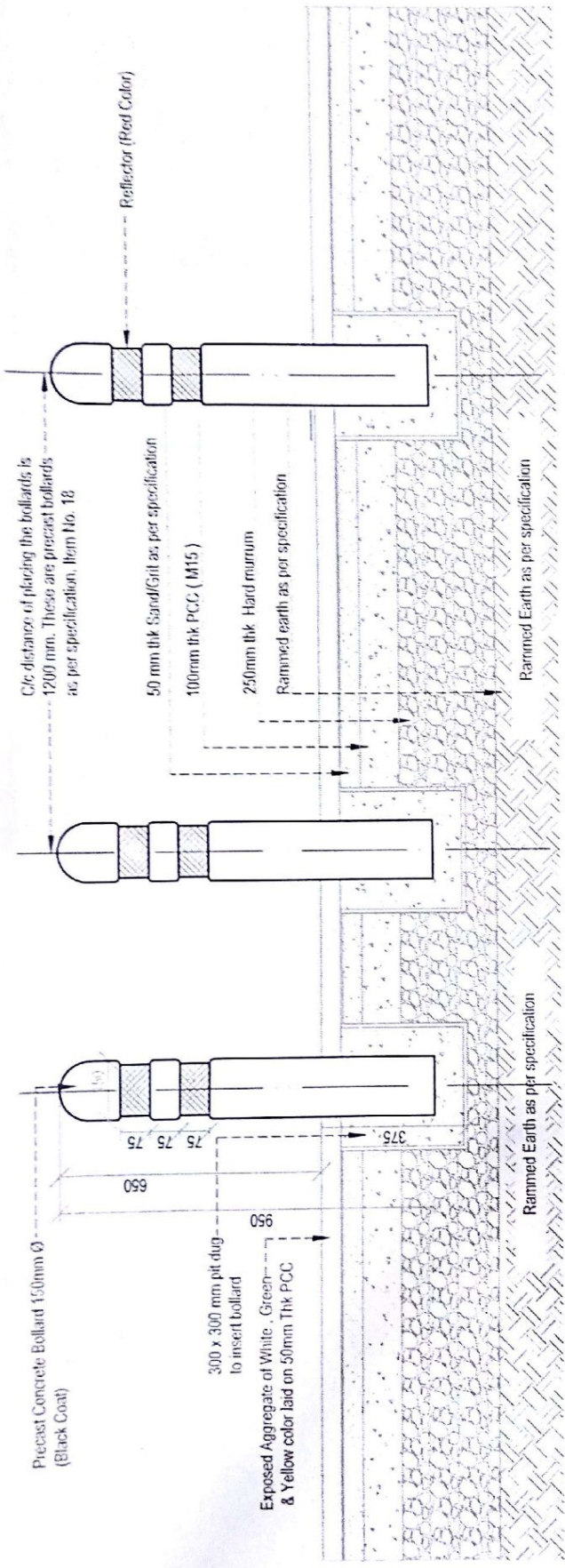
[Signature]
Deputy Engineer
PCMC

[Signature]
Executive Engineer
PCMC

Rate is Approved for RCC Bollard in RCC M-30 without SCADA								Rs.	1006.00	Per No
Rate In Words :- Rs. One Thousand and Six only										

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[Signature]
Joint City Engineer
PCMC



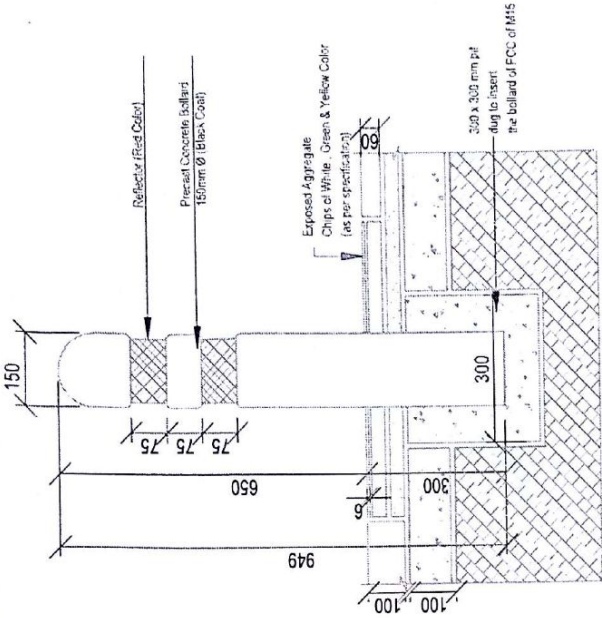
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Executive Engineer
B. R. T. S.

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Deputy Engineer
B. R. T. S.
P. C. M. C. Pimpri - 18.

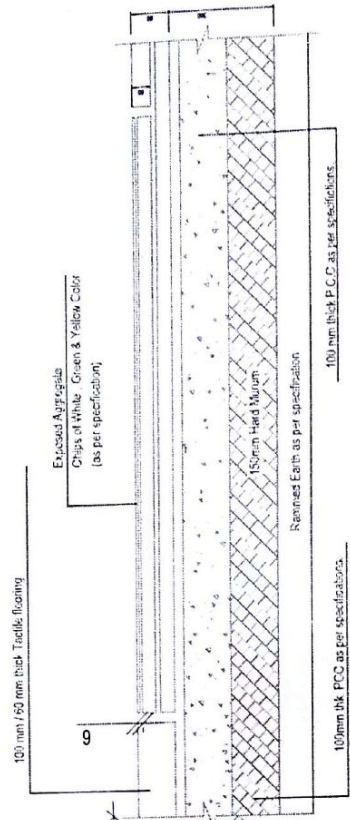
P.C.M.C. Pimpri - 18. RENDER DRAWING (DRAFT COPY)		Date: 11/11/2018 Job No: D 11 2001153
PAVE TECH CONSULTANTS P R A S A N N A D E S A I 11, Marathe Park Road, Pimpri - 411005, Maharashtra, India.		Drawn by: Arjun Anand Checked by: Concrete Bollard Fixing Detail
S1 - Pimple Nilakh, S2, S3, S4, and S5 - Akurdi	Rev. No. Date Description 00 00 00	Scale: 1:100 Project No: P/18/01/001
PCMC Street Development Akurdi - Pimple Nilakh Pilot Pimpri Chinchwad Municipal Corporation		

SSR

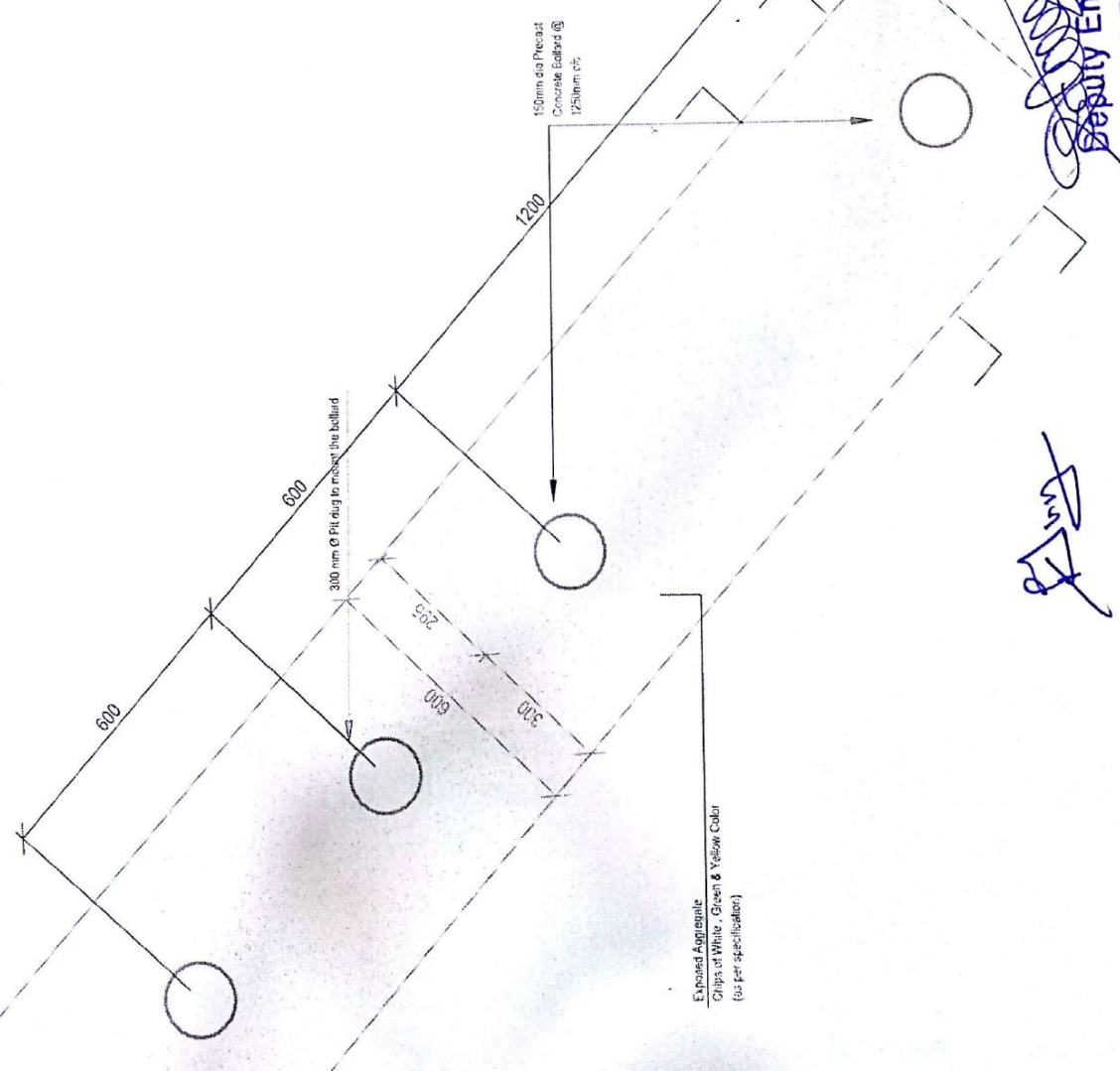
100



SECTION 'X-X' (SCALE 1:10)



DETAIL 'Y-Y' (Scale 1:5)



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Deputy Engineer

B. R. T. S.

P. G. M. C. Pimpri-18.

P. R. S. A. N. A. D. E. S. A. I.

PAVETECH CONSULTANTS

L. A. S. U. S.

CONSTRUCTION

Drawn by: Anirudh

Date: 11/03/18

Rev. No.	Date	Revised By	Description
01	00	00	00
02	00	00	00

Job No.	Date	Scale
D 10	2002/10	1:10

TENDER DRAWING (DRAFT COPY)	
Concrete Bollard	Detail