



SAVE ENERGY
Turn off power after use

दक्षिण पूर्व मध्य रेलवे
SOUTH EAST CENTRAL RAILWAY
BILASPUR (Chhattisgarh) - 495 004

प्रधान मुख्य विद्युत इंजीनियर कार्यालय
Office of Principal Chief Electrical Engineer

1st Floor, Headquarters Building
Phone : 64400 (Rly) & (07752) 410305
Fax : (07752) 414627

No. Elect/413 /740

Date: 16.03.2023

Divisional Railway Manager
S. E. C. Railway
Bilaspur, Raipur, Nagpur

विषय: JOINT NOTE ON POLICY FOR SIGNAGE AT STATIONS OVER SECR.

संदर्भ: Railway Board's letter No. 2022/GS/Stn. Dev.-I/08/70 dated 17.02.2023.

Vide subject under reference, a joint note on policy for signage at stations covered under Amrit Bharat station scheme over SECR has been prepared.

It is therefore requested to follow above joint note for uniformity of signage at identified station covered under "Amrit Bharat station scheme".

Encl: JPO & Annexure-I to IV...

RAJENDRA
KUMAR SAHU
(R.K. Sahu)
Chief Electrical Engineer (P & P)

Digitally signed by
RAJENDRA KUMAR SAHU
Date: 2023.03.16 19:33:52
+05'30'

Copy to:

- (i) The secretary to GM: for kind information to GM/SECR.
- (ii) PCEE, PCCM: for kind information please.
- (iii) Dy. CEE (GSU)/BSP, R & NGP: for information & necessary action.
- (iv) Sr.DEE (RS&G)/BSP, R & NGP: for information & necessary action.


RAJENDRA
KUMAR SAHU
(R.K. Sahu)
Chief Electrical Engineer (P & P)


Digitally signed by RAJENDRA
KUMAR SAHU
Date: 2023.03.16 19:34:40 +05'30'

JOINT NOTE ON POLICY FOR SIGNAGE OVER SECR

Ref: Railway Board's letter No. 2022/GS/Stn.Dev.-I/08/70 dtd: 17.02.23.

1	Railway Board vide their letter No. <u>No. 2022/GS/Stn.Dev.-I/08/70 dtd: 17.02.23</u> has issued instructions for uniform signage to be provided at all the stations covered under 'Amrit Bharat Scheme' on the pattern of signage at CSMT station. In accordance with the instructions, details have been collected from Central Railway. In order to achieve uniformity in SECR in line with the Rly. Board's policy, the following guidelines are issued:
2	All the provisions contained in Railway Board's policy should be strictly followed.
3	Design and Scheme for signage to be provided is enclosed as Annexure-I.
4	Technical specification to be adopted is enclosed as Annexure-II.
5	Colour scheme to be adopted is enclosed as Annexure-III.
6	Photograph of signage at stations and circulating area is enclosed as Annexure-IV.
7	Scale (Locations & Numbers) to be decided by Division as per categorization of Railway station.


(T. Padmamohan)
CCM/FS


(R.K.Sahu) 16/2/23
CEE (P&P)

ANNEXURE- I

Tribal



Rural



Urban



36"



Internationally only one language

In India

22 official language - Regional

(Marathi, Gujarati, Tamil)

1 National language - Hindi

1 International language - English

all commuter can't read for them required

Color coding



Symbolic representation

3

FONT

उपनगरीय



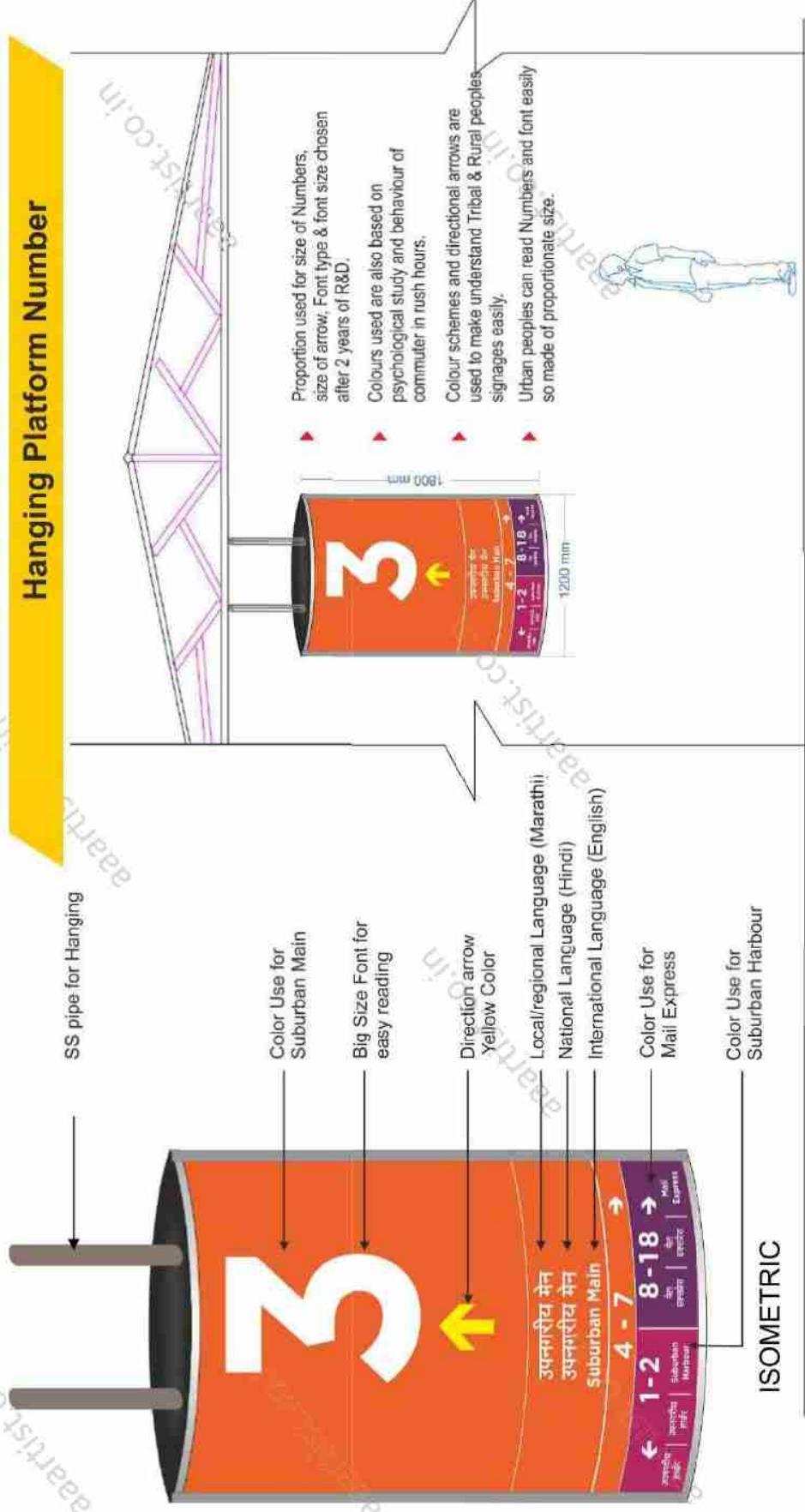
SYMBOL



ARROW



Hanging Platform Number



COLOUR LEGEND

	Suburban Harbour
	Suburban main
	Mail Express
	Arrow & symbols



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Big Size font

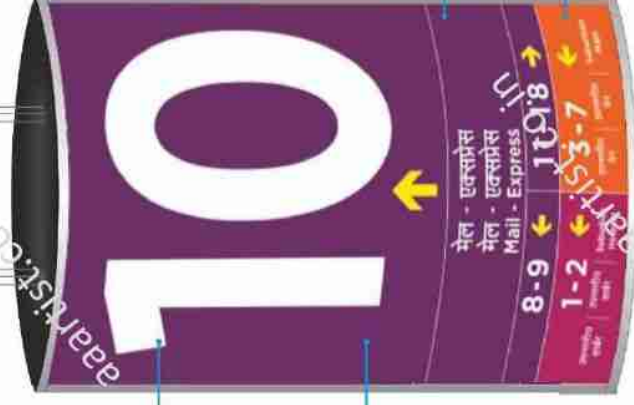
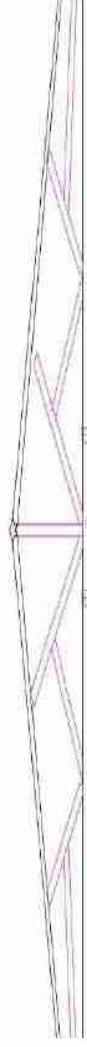
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Easy to read

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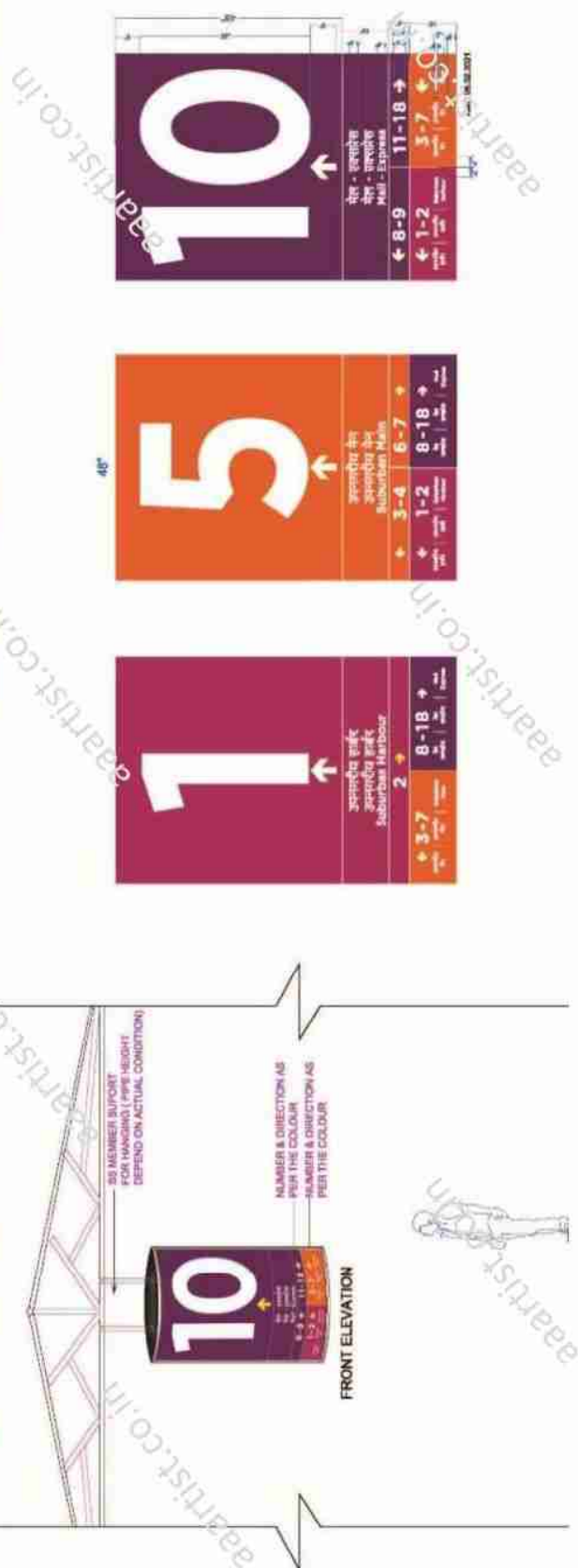
Trilingual

Color coding

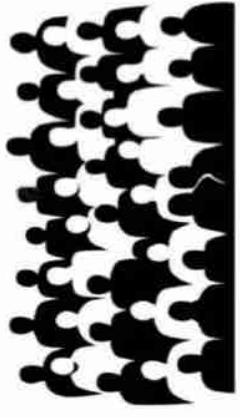




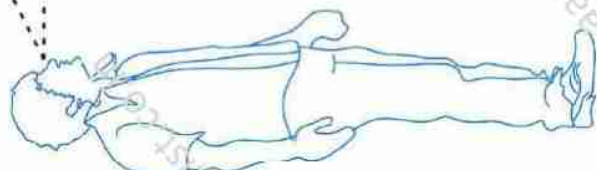

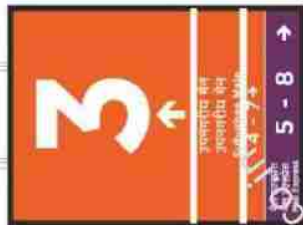
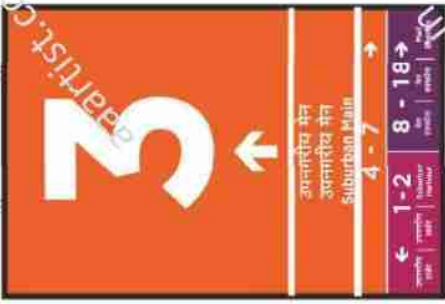
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Station categories as per outward passengers handel

A	NSG 1 - 6	More than 20 Million	
B	SG 1 - 3	More than 30 Million	
C	HG 1 - 3	More than 300 thousand	

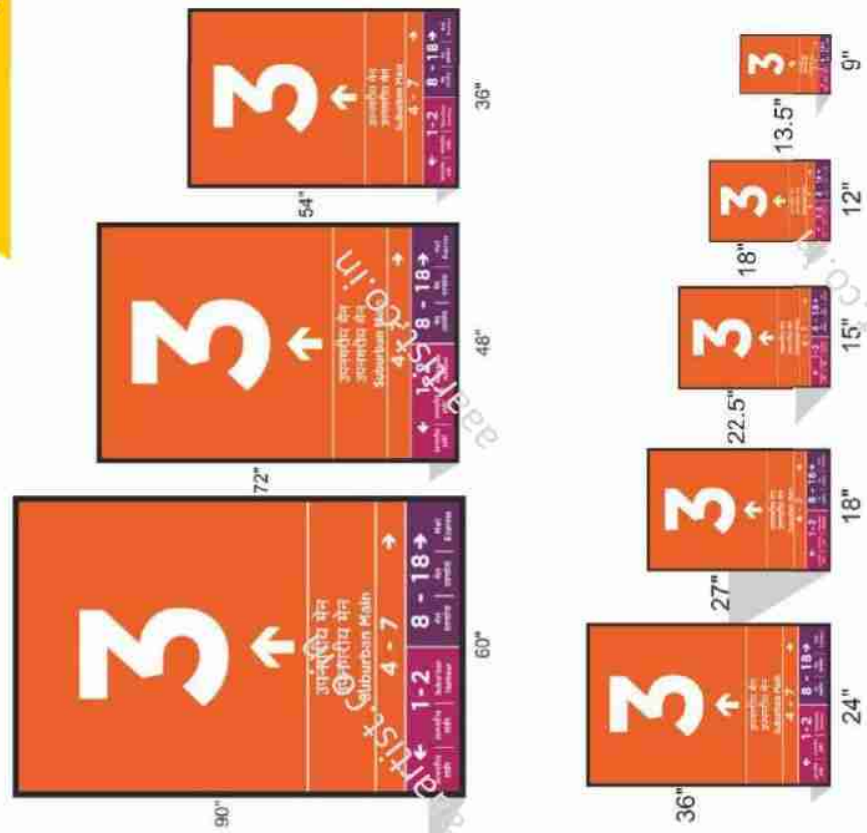
Distance	10 mrt	50 mrt	100 mrt
	 <p>600mm x 900mm</p>	 <p>900mm x 1200mm</p>	 <p>1200mm x 1800mm</p>
	A	B	C



Elliptical Aesthetic Plat Form glow sign as per Space

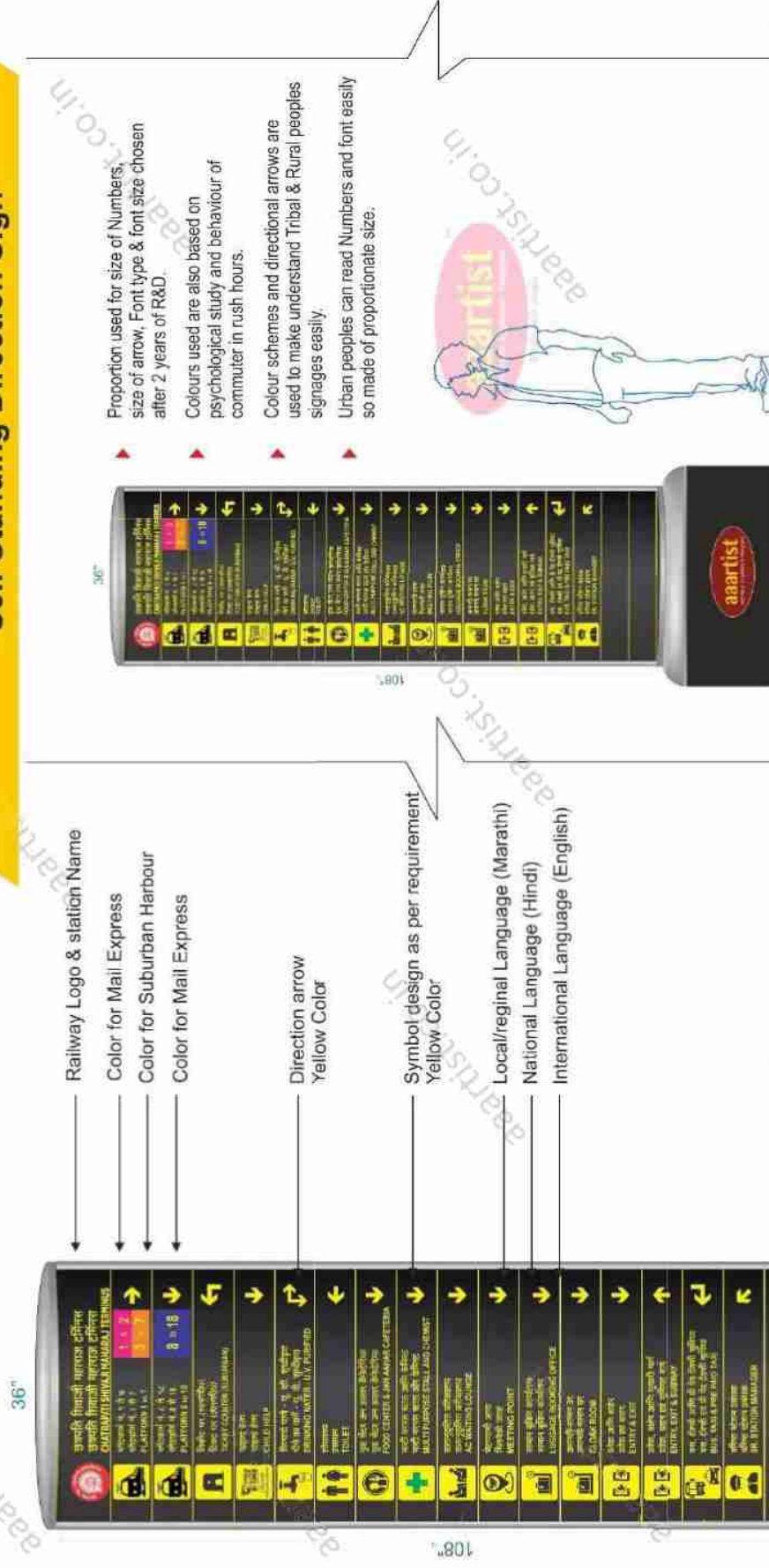


Hanging Platform Number



	SS cap Heavy weight
60"	
48"	
36"	
	Polycarbonate Light weight
24"	
18"	
15"	
12"	
9"	

Self Standing Direction Sign



COLOUR LEGEND

	Suburban Harbour
	Suburban main
	Mail Express
	Arrow & symbols
	Informative Sign



DRM NO. 1
Front 36"

 ಶಾಸನ ಸಭಾ ಸಭಾ ಕಟ್ಟಡ LEGISLATIVE ASSEMBLY BUILDING ಕಾರ್ಮಿಕರ ಸೇವಾ ಮಂಡಳಿ ಟೆರೇಸ್ WORKERS SERVICE MANDALI TERRACES	
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 1-2
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 3-7
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 8-15
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 16-18
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 19-21
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 22-24
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 25-27
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 28-30
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 31-33
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 34-36
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 37-39
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 40-42
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 43-45
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 46-48
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 49-51
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 52-54
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 55-57
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 58-60
	ವಿಶೇಷ ಸ್ಥಳೀಯ ಸೇವೆ SPECIAL LOCAL SERVICE 61-63

Front Kalyan End

[illegible]

Directional signage as per station Category

A



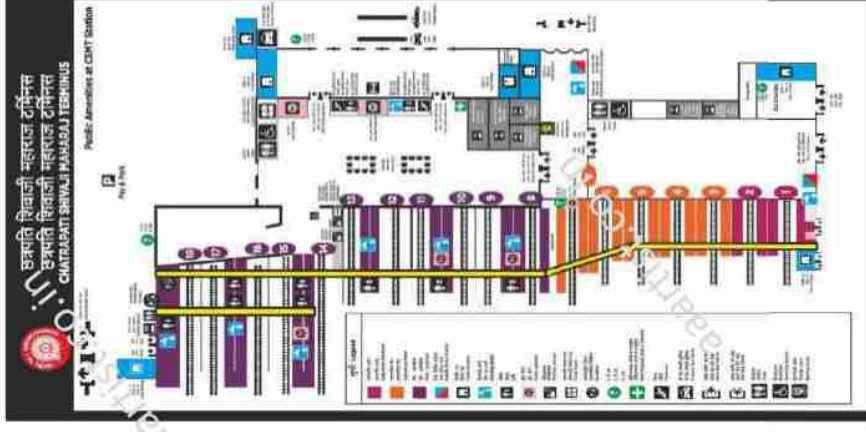
B



C



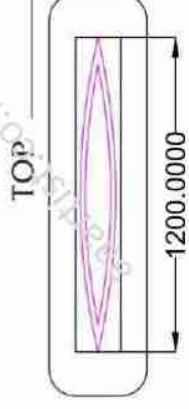
CSMT Station Map



Chhatrapati Shivaji
Maharaj Terminal
Rail Information



Chhatrapati Shivaji
Maharaj Terminal
Terminals Station Map

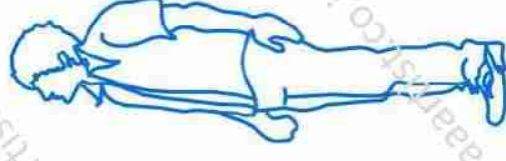


Station Map (Parabolic)

Parabolic shape both sided display LED glow sign used for locating platform numbers & various facilities easily from longer distance to commuters on railway station.

At the entrance of station railway station map should be fixed to make public aware about location of:

- Platforms & numbers
- Express train platforms
- Local train platforms
- Elevator & staircases
- Entry & exit for station
- Amenities
- Ticket window



दिव्यांगजनक संलग्नता,
अपि अक्षित स्त्रियांसाठी
दिव्यांगजन, कॅन्सर पीडित,
एवं गर्भवती महिला

DIVYANGJAN,
CANCER PATIENTS AND
PREGNANT WOMEN



महिला प्रथम श्रेणी
महिला पहला वर्ग
LADIES FIRST CLASS



महिलांचा डब्या
महिलाओं का डिब्बा
LADIES COACH



प्रथम श्रेणी
पहला वर्ग
FIRST CLASS



पिण्याचे पाणी
पीने का पानी
DRINKING WATER

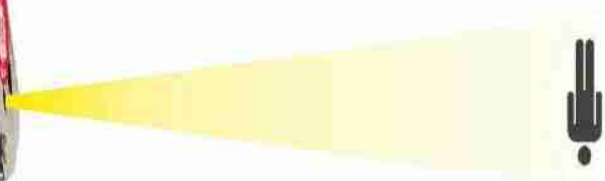


दिव्यांगजणासाठी
दिव्यांगजन के लिए
PHYSICALLY
CHALLENGED



जिना
सीढ़ी
STAIRCASE





- Elliptical

9"



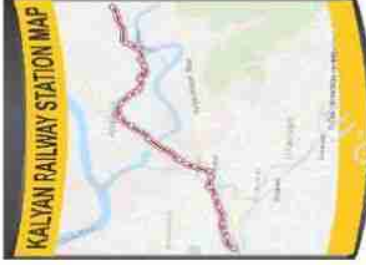
12"



15"



18"



24"



9"



12"



15"



18"



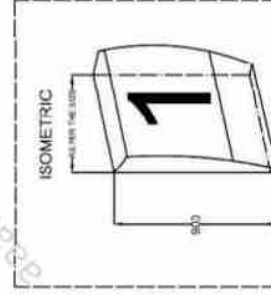
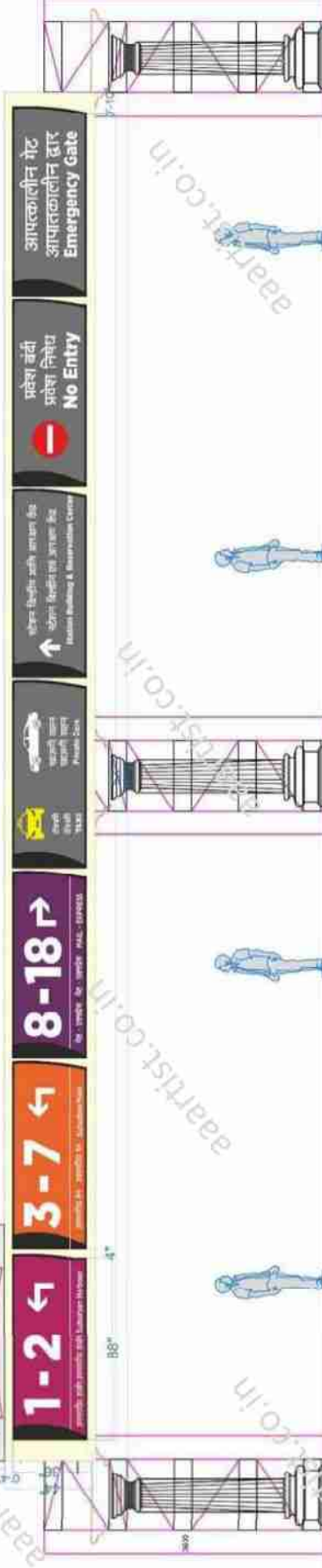
24.0"



24"

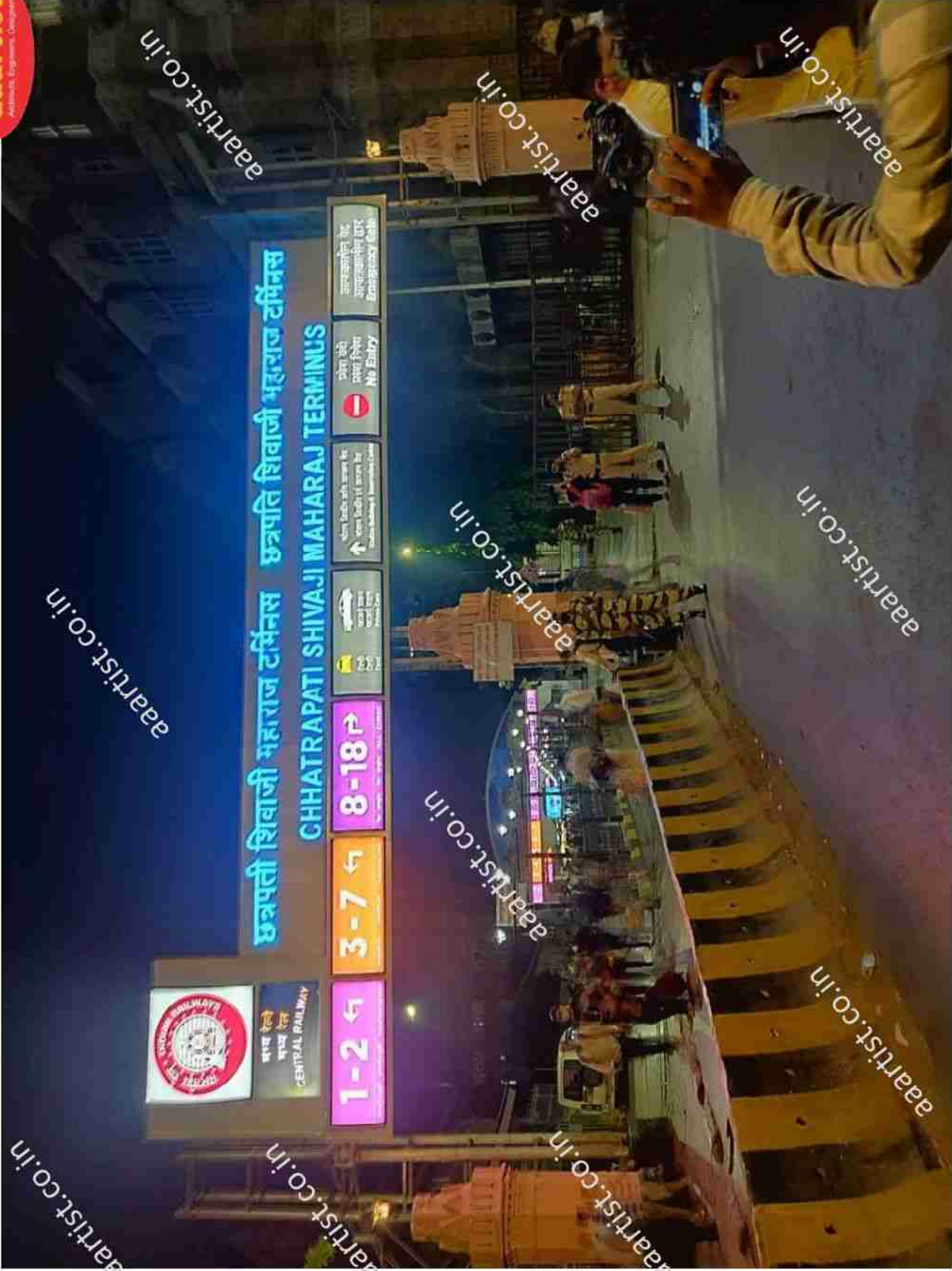
24"

Front Gate Elvation

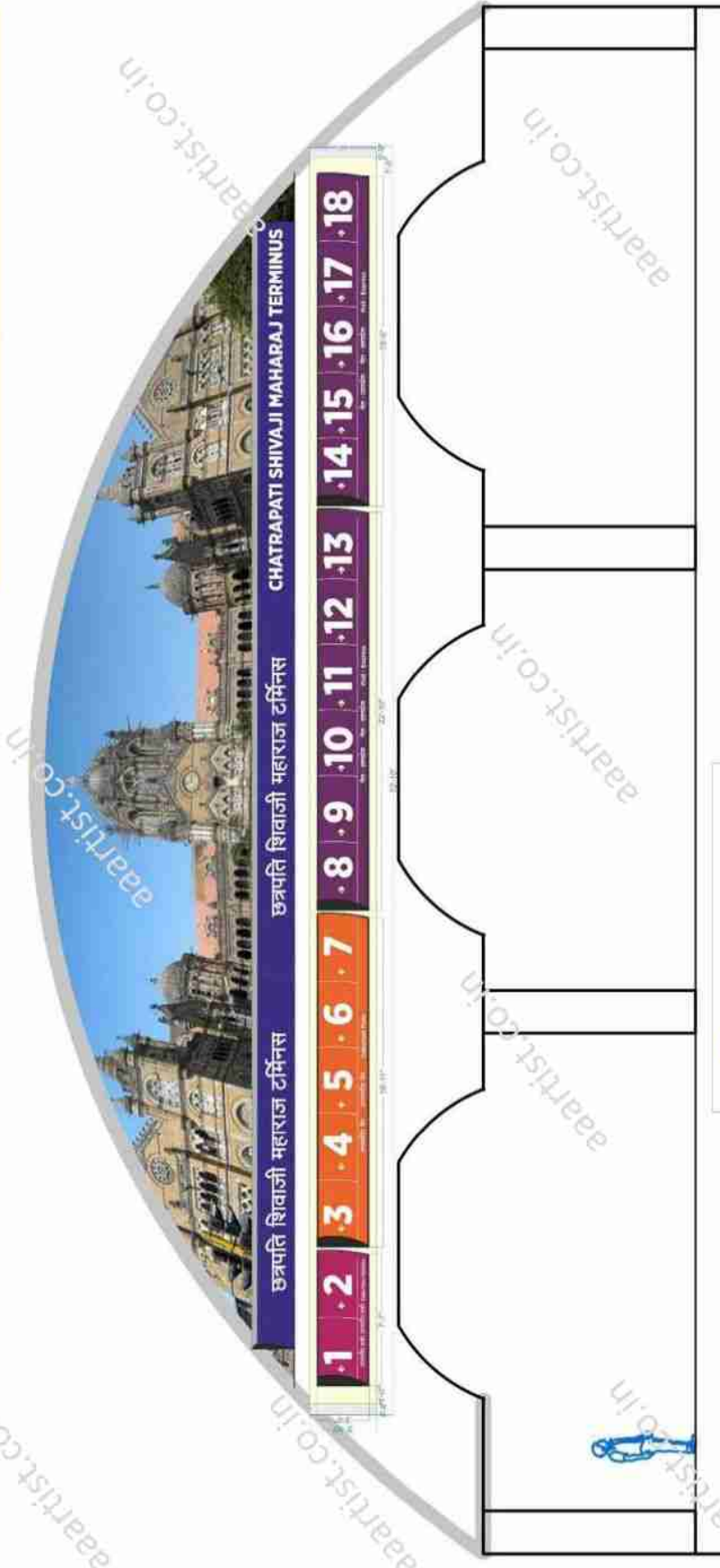


मेल - एक्सप्रेस
मेल - एक्सप्रेस
Mail - Express





Arch Gate




127 mm


52 mm

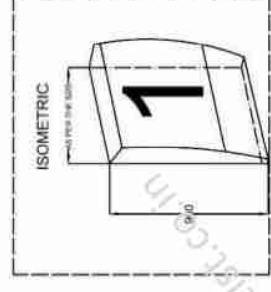

46 mm

arrow

उपनगरीय हार्बर

मेल 21 mm 32 mm 70 mm
एक्सप्रेस

Mail 23 mm Express





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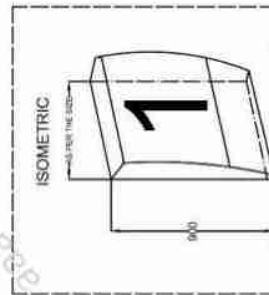
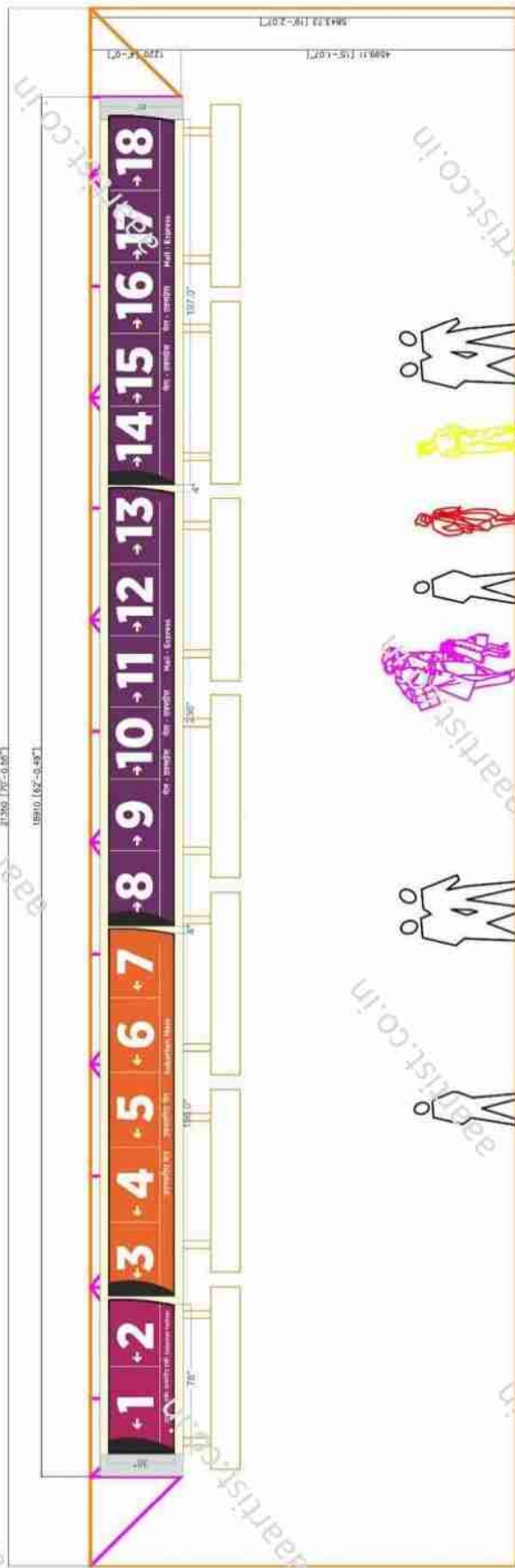
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LOBBY GATE



arrow



मेल - एक्सप्रेस
मेल - एक्सप्रेस

मेल - एक्सप्रेस

Mail - Express

18





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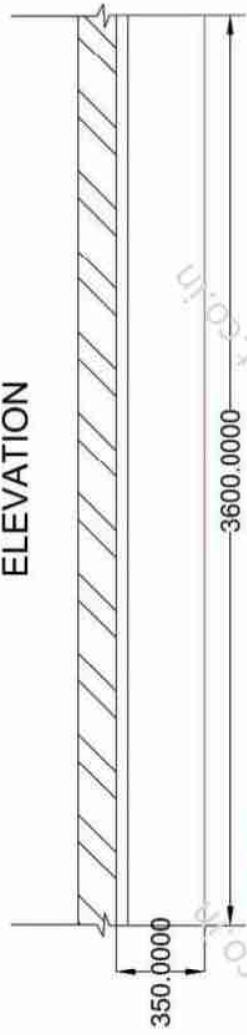
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ELEVATION



TOP



Station Entrance Name (Outdoor)



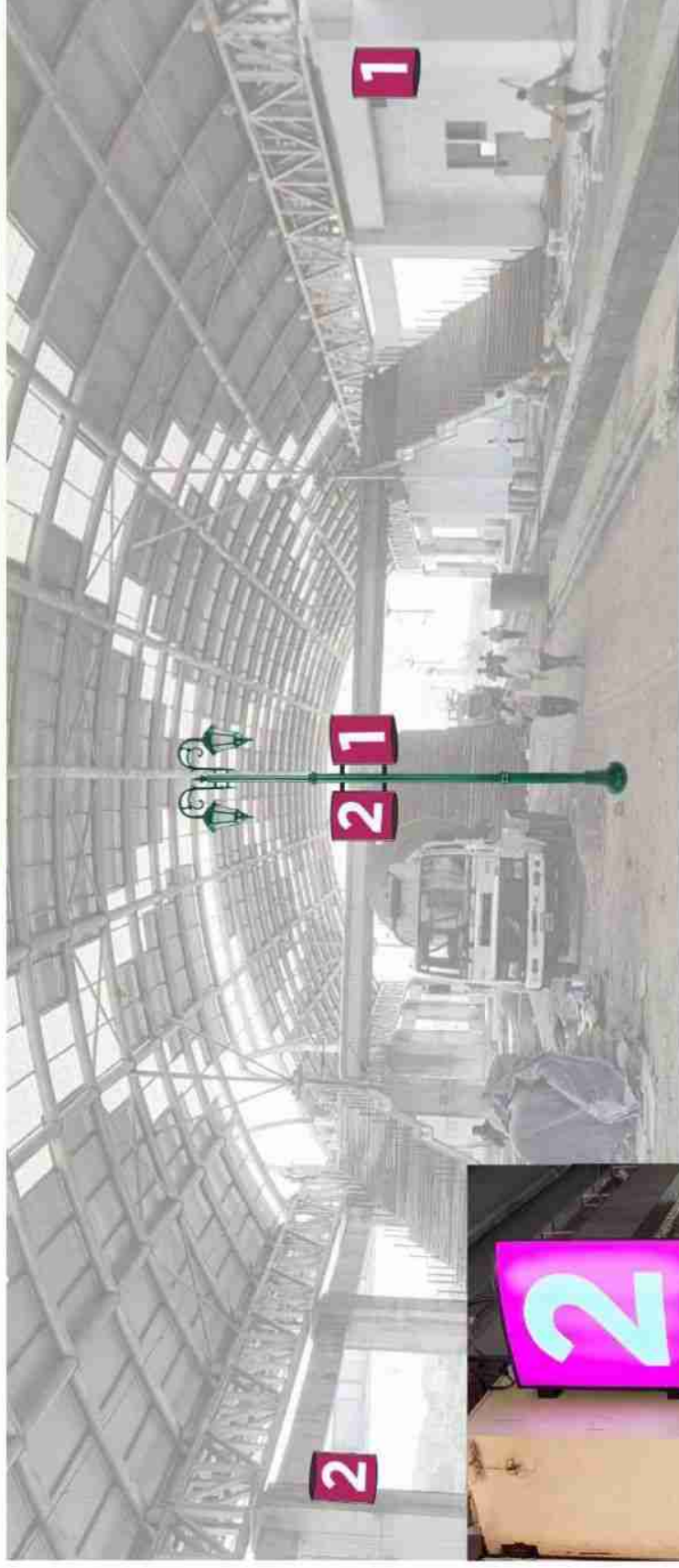
Half Parabolic Station Name Sign



• रांजणपाडा

• RANJANPADA

Platform Number

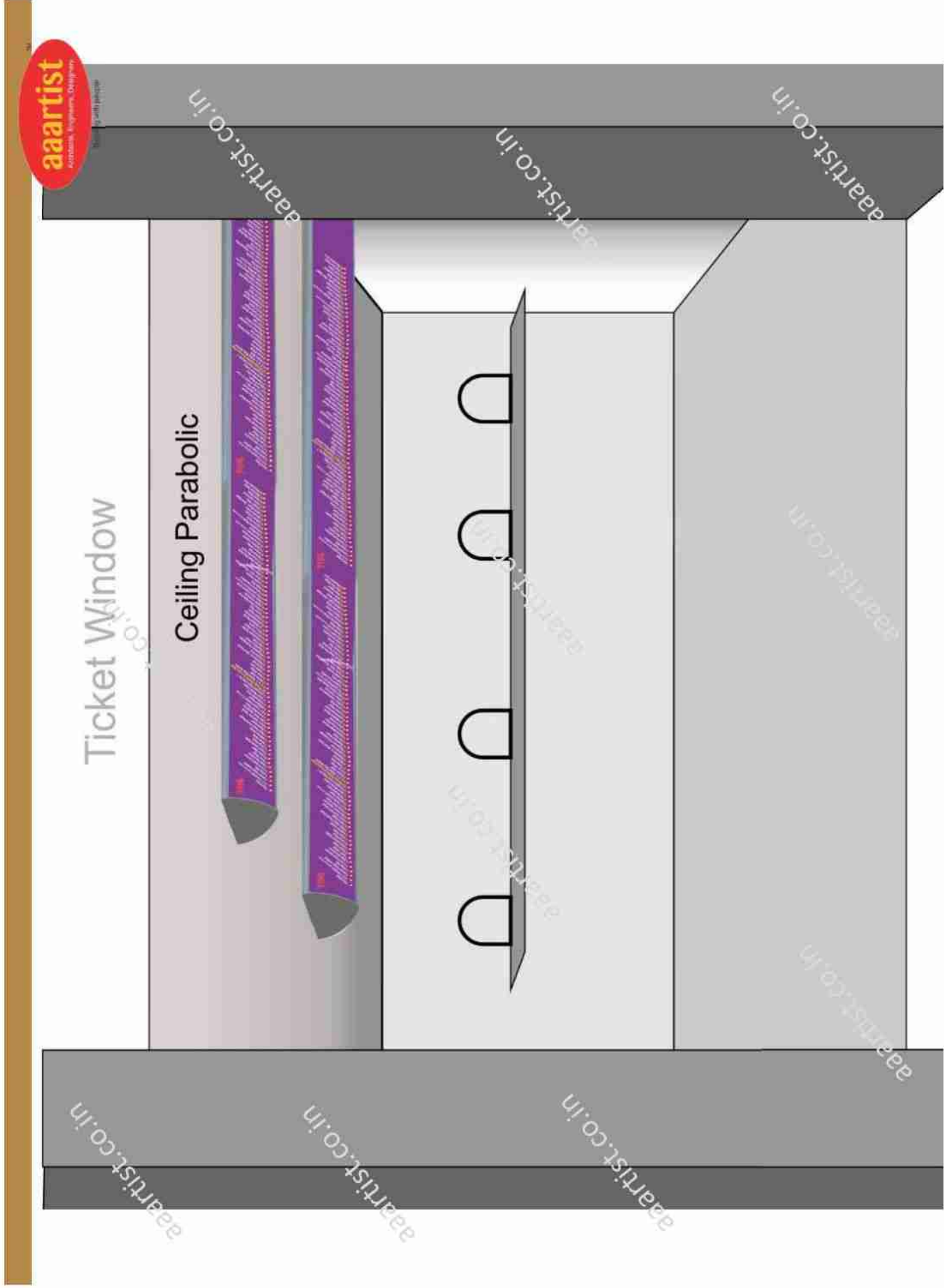


C 29
M 100
Y 35
K 6

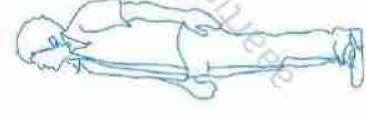
Raspberry
MT-685
Pantone:227C

1 GOTHAM NARROW BLACK FONT

• ट्रान्स हार्बर APS-DV- PRAKASH FONT

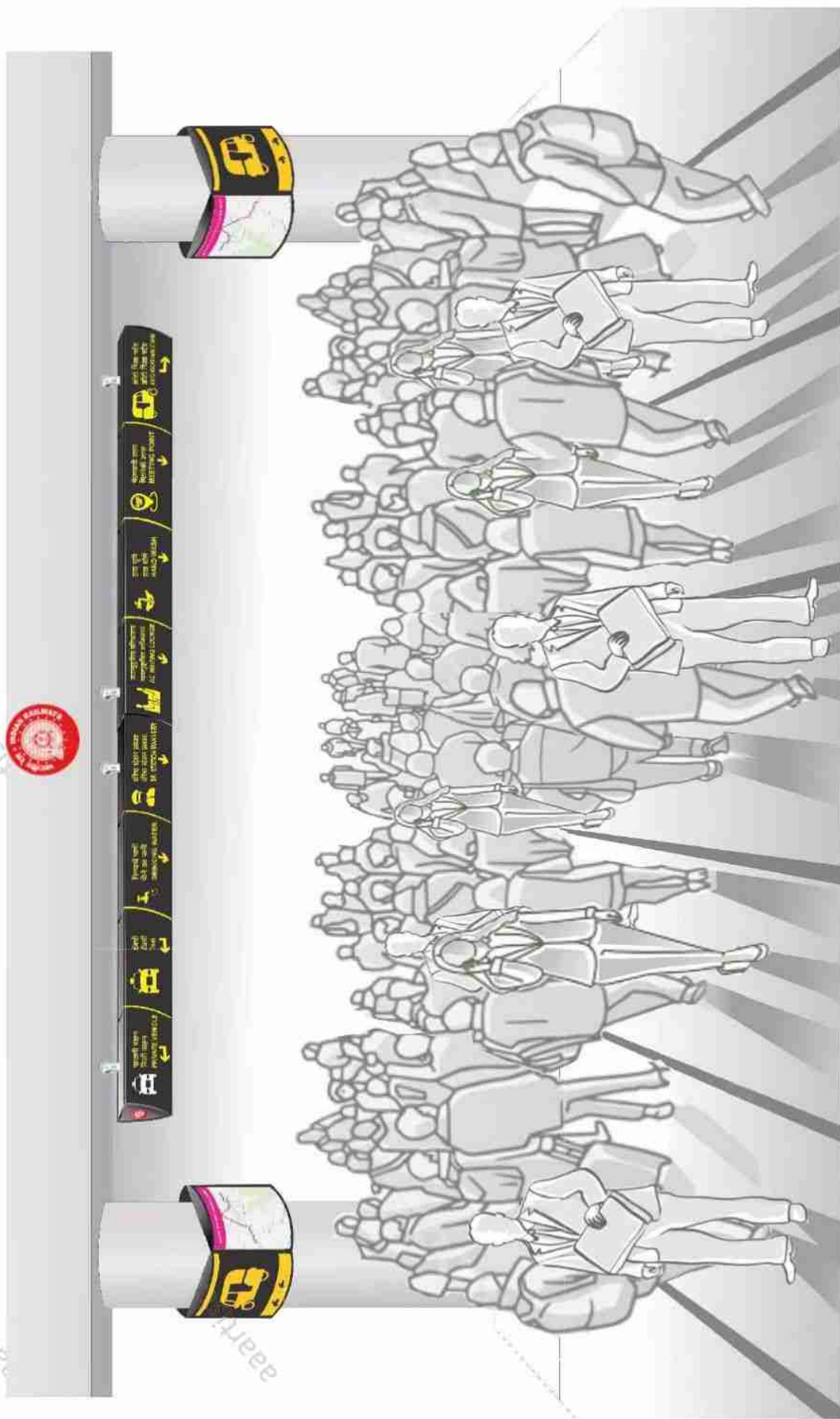


Symbol sign



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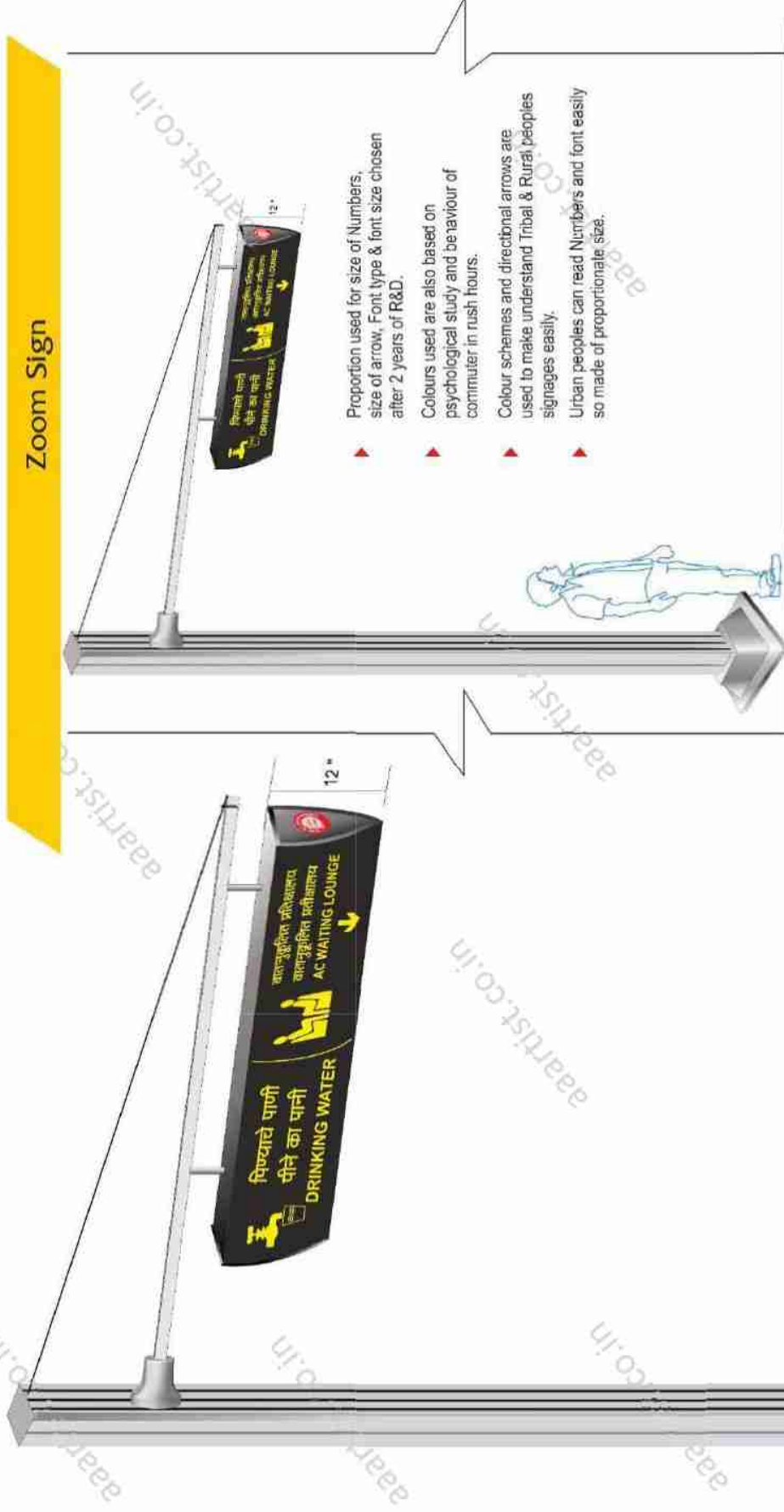
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Zoom Sign



Proportion used for size of Numbers, size of arrow, Font type & font size chosen after 2 years of R&D.

Colours used are also based on psychological study and behaviour of commuter in rush hours.

Colour schemes and directional arrows are used to make understand Tribal & Rural peoples signages easily.

Urban peoples can read Numbers and font easily so made of proportionate size.

COLOUR LEGEND



प्रवेश आणि बाहेर

ENTRY & EXIT





Fonts Style

A3T



C:0	M:0	Y:100	K:0
C:0	M:22	Y:100	K:0
C:0	M:0	Y:0	K:100

Taxi Stand



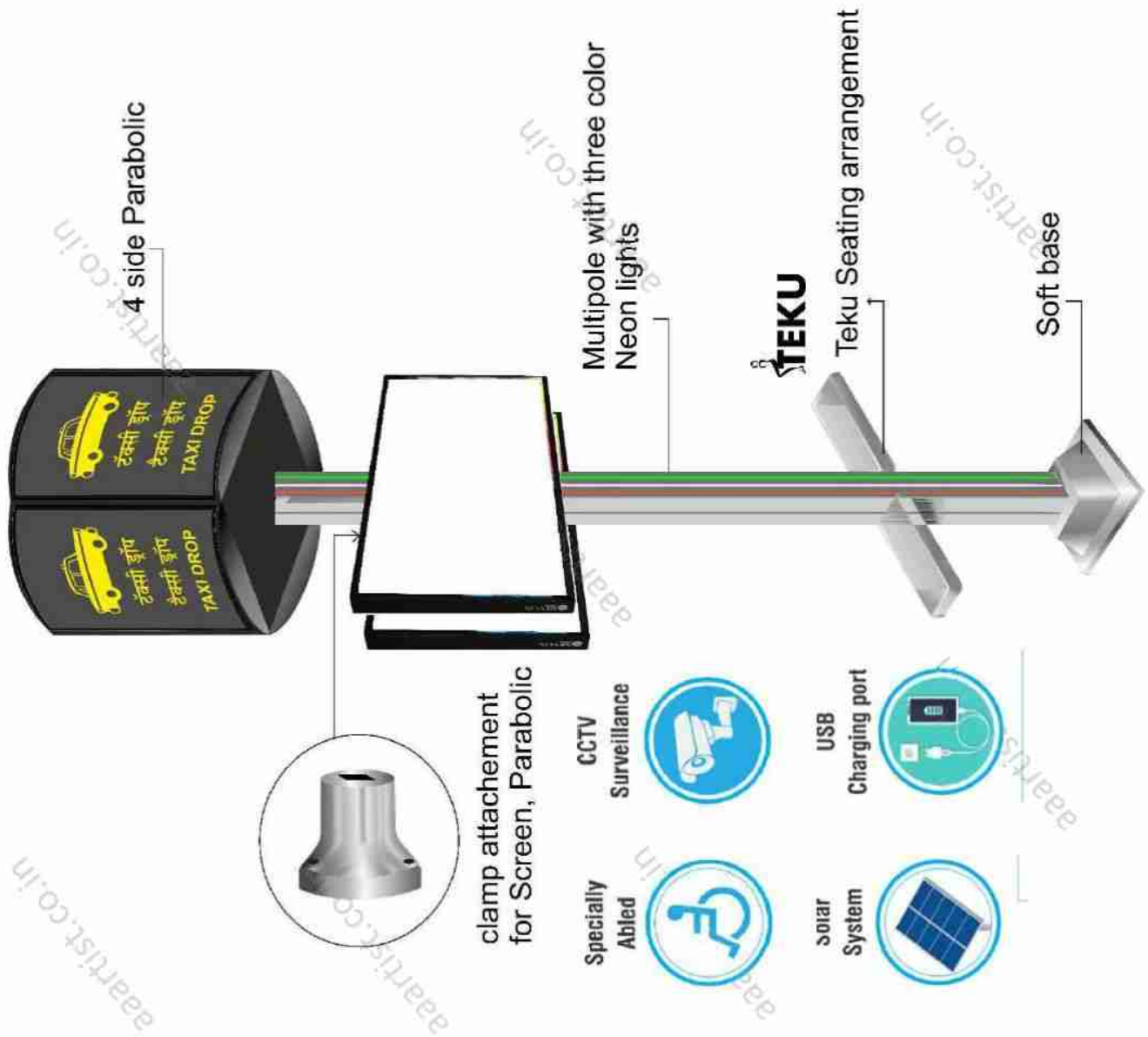
Parking Area Multipole sign

Parking area glow sign is used for locating Taxi stand easily from longer distance to commuters.

All accessories & attachments are easily detachable in less time, any required size is available & as light weight can be carried easily.

Features

- LED illuminated semi elliptical glow sign board
- Four sided elliptical display
- Provides view from any direction
- Cubical shape display Taxi symbol
- Readable from long distance
- Provides & maintains ultra modern look of stations



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The rear edge is flush with the pole thus creating no projection, avoiding any hindrance to queue movements.

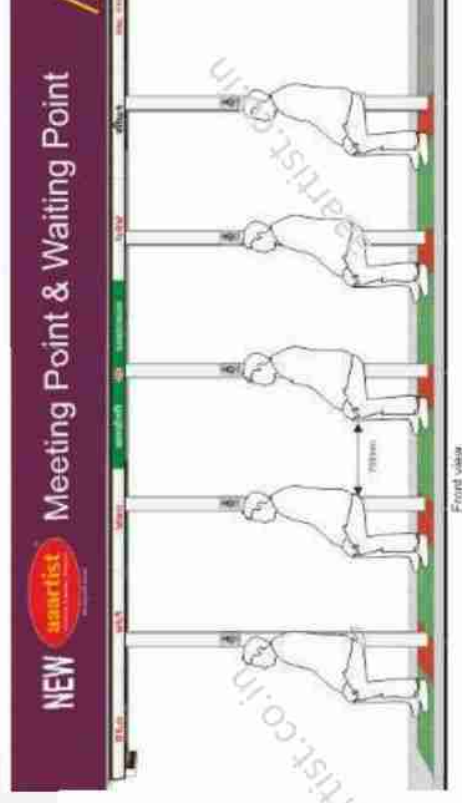
TEKU™ seat is provided with a narrow indentation at the rear top side to prevent a person from sitting in wrong direction.

The large curve of 45mm radius to orient the sitting position in a diagonal fashion along the edge. Which provides maximum seating comfort in minimum space.

TEKU™ seat is provided with vertical taper edges for additional strength. The seat has curved corners, hence it would not harm on impact, thus making it safe for human movement.

- The TEKU™ seat is supported entirely on hidden fittings for clean aesthetics.

20" The TEKU™ seat is fitted at a height of 20" from the floor level instead of the standard 18" so as to make it easier for the elderly to sit and also get up with relative ease and minimal effort.







Railway Station
Name Board
Diamond Boards

Existing Board



Existing Board

Rusted Board
Less Strength

Front face visible bolts &
Fittings

Sharp Corner
injures commuters

Hand Painted Shabby Board
Non uniform fonts

Rusted & Improper Fittings



Existing Condition

Material & Surface

- MS sheet size ~ 600 × 600
- MS (~5 mm) thk plates used
- Heavy in weight (15.09kg)
- Laborious work
- High labour cost
- MS get easily rusted
- Rusted board, illegible information.
- No smooth surface for painting



Injured people

Sharp Edges

- Sharp edges & pointed corners
- Creates big safety concerns
- Easily hits to head, shoulder or body
- Creates injury to commuters
- Lesser strength, dents, deformed / warped, gets twisted due to plain plate



Existing Condition

Fittings Used

- MS fittings get rusted
- Difficulty in fitting on rectangular as well as circular poles
- Bolts & fittings are visible on board front face
- Makes information illegible
- Front face visible fittings gives bad look
- Obstructs to read information
- Create stress & confusion while reading



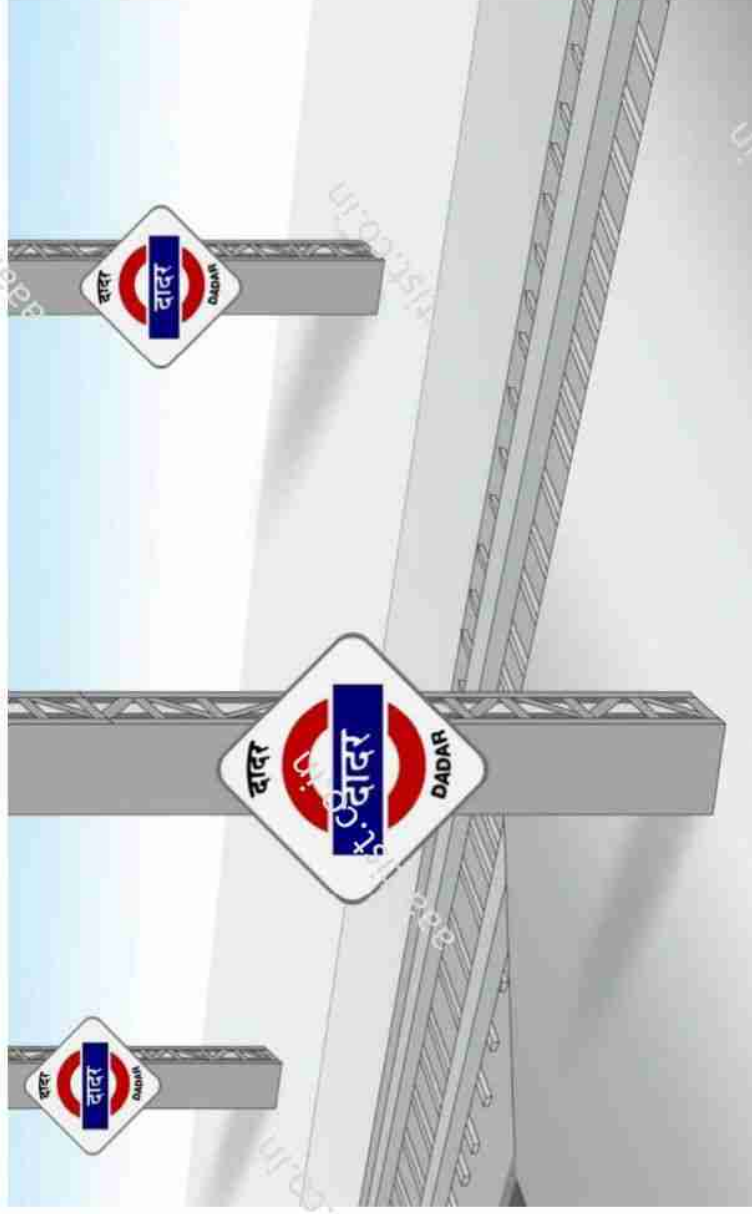
Painted Artwork & Information

- Written information is painted on surface
- Paint dulls
- Looks very shabby board
- Poised the station look
- Needs to repaint frequently
- Takes time to paint all information
- Non-uniform font & font sizes
- Rusting forms, paint bubbles (popadey)



We are glad to introduce a unique solution Diamond Board

- Specially design for
Railway Station names



Diamond Boards

Material & Surface Features

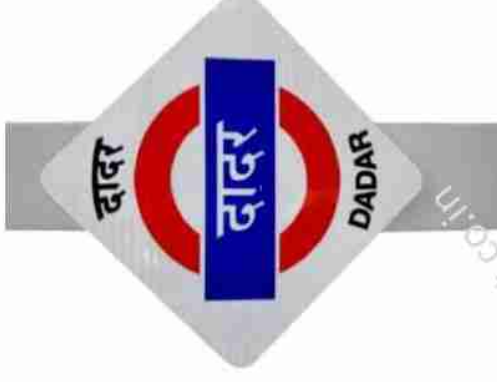
- SS304 sheet size 680 x 680 x 1mm thk
- SS (1 mm) thk sheet used
- LIGHTER in weight (3.66kg)
- 18.75% lesser material cost
- Low laborious work & its cost
- SS sustains for longer duration
- Allows smooth surface
- Hairline surface texture gives attractive look



Diamond Boards

Bend Corners & Edges Features

- Smooth rounded radius R4 edges
- Smooth round collared corners
- Corner radius R15, R30 or R45
- 15 to 25mm Inward bend
- Provides safety against injury
- Provides additional strength
- Tested bending strength of 22000N (2242 kg)
- Provides rigidity at edges, keeps board perfectly straight
- Inward bend hides fittings & secure from theft



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Architects, Engineers, Designers
Boarding with precision

HPL Engineering Services
TEST REPORT

ISO 9001:2015
Mr. Nitesh Maheshwar
301, 3rd floor, New Parkside, C/O. A. L.
Dr. Rajendra K. Maheshwar Road, Convent Chilly, Jodhpur
Jodhpur, Rajasthan-342001
Ref. Letter dated: 01.12.2020

U.E. No. 37, 402/14 (00000449)
Date: 01.12.2020
Date of Sample Receipt: 01.12.2020
Date of Test: 01.12.2020
Date of Completion: 01.12.2020
Sample Given by Customer

Page 1 of 1

BENDING STRENGTH / STIFFNESS TEST
SAMPLE: Collared Rectangle shaped item (MDC SS)

Description	Observation
Load Test	Load applied for the collar section
Length, mm	410 mm
Width, mm	50 mm
Thickness, mm	1.50 mm
Height of Collar, mm	10.17 mm
Bending Load, N	22000 N

Tested by: [Signature]
Checked by: [Signature]
For HPL Engineering Services
Authorized Signatory

Notes:
1. Sample was given for HPL Engineering Services and analysis conducted as per the standard test method specified in the standard.
2. The test results are based on the sample provided and the test results are not valid for any other sample.
3. The test results are valid for the sample provided and the test results are not valid for any other sample.
4. The test results are valid for the sample provided and the test results are not valid for any other sample.
5. The test results are valid for the sample provided and the test results are not valid for any other sample.

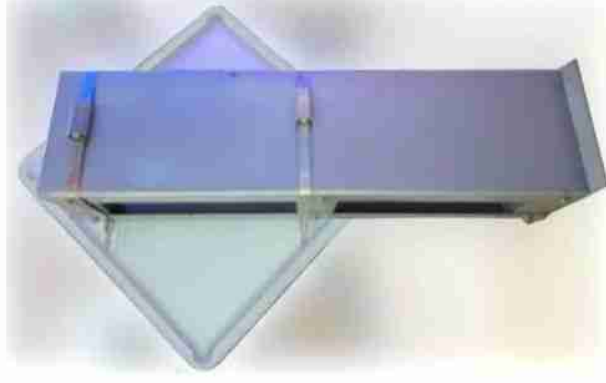
ACREDITED BY "NABL" AT 100 ISO 9001:2015

Dr. G. Ramesh Kumar, Project Engineer, HPL Engineering Services, 301, 3rd floor, New Parkside, C/O. A. L. Dr. Rajendra K. Maheshwar Road, Convent Chilly, Jodhpur, Rajasthan-342001. Mobile: +91 987 654 3210, Email: g.r.kumar@hpl-engineering.com

Diamond Boards

Fittings Used Features

- SS304 clamps & fittings
- Durable, robust and long life
- No spoilage due to rusting
- Easy to install on wall as well as girder of any size.
- Easy to mount on rectangular as well as round pillar.
- Fittings not visible on display face of board & gives clarity to information



Diamond Boards

ARTWORK Media/Material

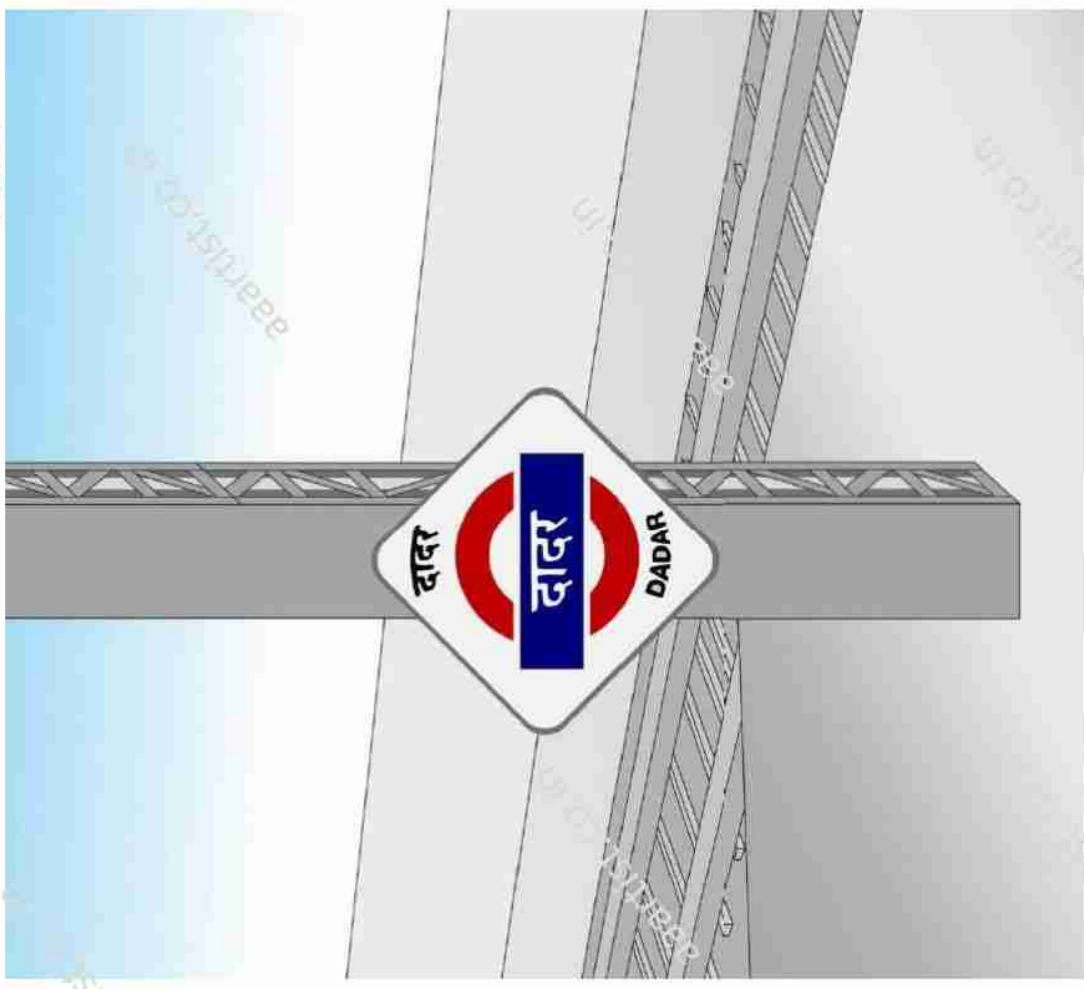
- Retro-reflective media used, reflects at night, gives clean, neat & vibrant look
- Maintenance free
- Easy to clean
- Less dust accumulation due to smooth surface



Diamond Boards

Artwork & Information

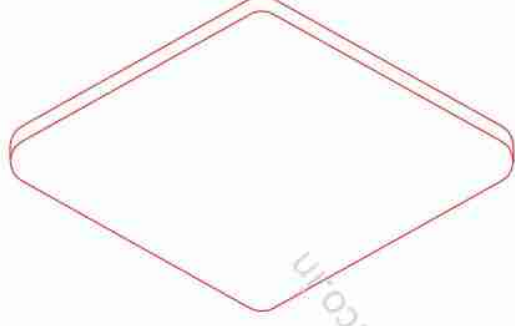
- Defined font, font size & pantone colour shades
- Legible & attractive station name or information
- Readable from long distance
- Provides & maintains ultra modern look of stations



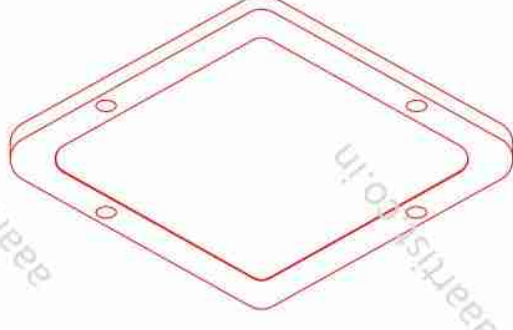
Components of Diamond Board

SS Collar Tray :

- Matt or hair finish SS304
- One piece formed to depth of 15mm to 25mm
- The corners rounded to R15, R30 or R45 and form integral part of the one piece collar without involving any cutting & welding
- The straight edges of collar bent inwards to the width of 15mm to 25mm around circumference
- Inward bend allows additional strength on edges, safety from injury & provision for hidden fittings
- The formed sign Board withstand a bending load of min 20000N



TRAY FRONT
FACE



TRAY BACK
FACE

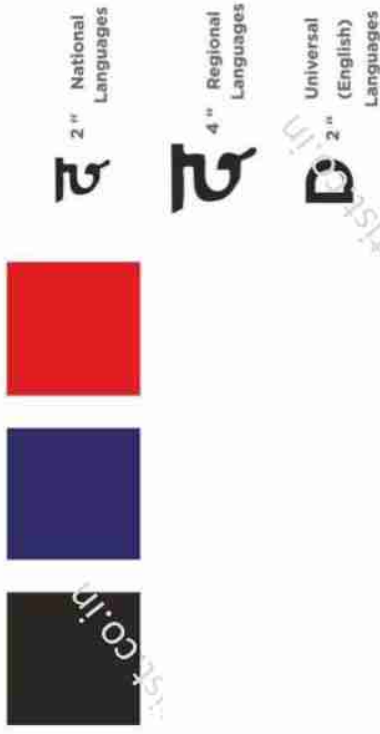
Component Diamond Boards

Clamps & fittings

- SS304 clamps & fittings with anti theft shear nuts
- Hidden fittings with nut bolt & spring/cut washer attached on inward bend
- The Sign board will be mounted on girder, pillar, wall mounting or back to back by means of 2mm thk high strength ribbed SS304 clamps / anti-theft spring-steel clamps.
- 2mm thk SS304 adjustable clamp for mounting on rectangular as well as round pillar.

Component of Diamond Board

Information on board



ARTWORK Media

- High Intensity Prismatic or Micro prismatic Grade sheet vinyl as per ASTM D 4956 type IV having 7 years service life.



Railway Station Name Board



Railway Station Name Board



**Problem
Statement**

Existing Condition

- Plate size ~2585 L x 1525 x 5mm thk (MS)
- Require more space area (~40 sq ft)
- blocks the passage area on narrow platform.
- Sign board is mounted on pillar using MS Fittings
- L angles visible on face of board.



Components of Railway Station Name Board

Artwork font & colour shades:



६

9 " National
Languages

६

9 " Regional
Languages

D

7.5 " Universal
(English)
Languages



Components of Railway Station Name Board

Artwork Media Material :

- Retro-reflective media used, reflects at night, gives clean, neat & vibrant look.
- High Intensity Prismatic or Micro prismatic Grade sheet vinyl as per ASTM D 4956 type IV having 7 years service life.
- Takes very less time for pasting multicolour reflective vinyl on board.
- Maintenance free
- Less dust accumulation due to smooth surface
- Easy to replace/change information.
- Easy to clean, with wet cloth, maintain aesthetic look.



LOLLY POP

6 ft



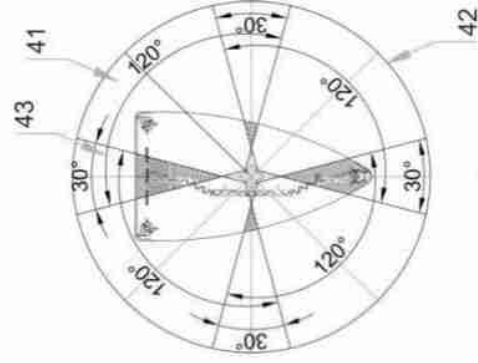
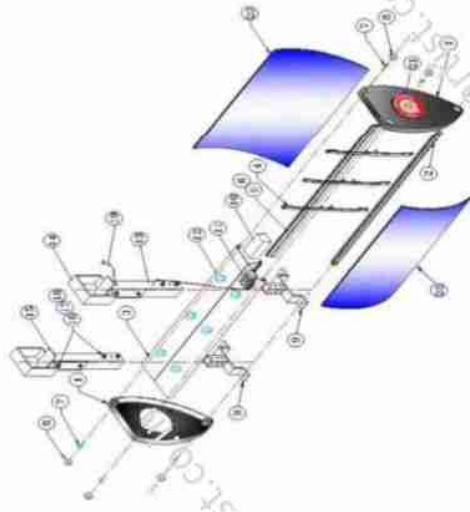
Technical specifications:- ELLI GLOW Model / Type

Triangular Elliptical (TE),

Full Elliptical (FE),

Half Elliptical (HE),

Semi Elliptical (SE).



- LED Even Light illumination

ANNEXURE- II

TECHNICAL SPECIFICATION FOR ELLIPTICAL / PARABOLIC SIGNAGE BOARDS

Model /Type	Full Elliptical (FE) / Half Elliptical (HE) / Semi Elliptical (SE) / Parabolic
Mounting	<p>Mounting arrangement shall be hanging, Wall mounting, Ceiling Mounting, Pole Mounting, Floor Mounting or as per site requirement. Sign Boards shall be with integrated mounting arrangement powder coated pipes to FOB/PF Structure / walls with tension rope made of SS 304 and supplied with minimum 5 meter 2.5 sq.mm FRLS multi stranded copper flexible cable as per IS: 694 with latest amendment and socket pin for connecting to power supply system. The cost of fixing of sign board with suitable clamping arrangement with SS nut, bolts, washers, square shear nut, nut-bolts, screw, T bolt, Chuck nut, shear nut or welding etc. is also included. The clamps shall be powder coated and enamel paint of approved colour.</p> <p>CABLES & WIRES MAKE: CCI, INDIAN CABLE, R.R. KABEL, UNIVERSAL, BHARAT CAB BRAND OF VARDHAMAN CABLES, FINOLEX, POLYCAB, HPL, STANDARD, RPG CABLE(KEC), BENTEC(BENLO), ROTOPLAST, VISHAL BRAND OF M/S VISHAL CABLES PVT. LTD., ELECTROLITE, KENTER AND SWITCH SOCKET MAKE: ANCHOR, CONA, ROMA, PRECISION, POLYCAB, INDOASIAN (ELVIRA), ELLEYS (HI-FI), STANDARD, SIMON, BENTEC (BENLO).</p>
Elliptical Glow Board Frame	<p>Shall be made of Extruded Anodised hollow aluminium profile of size not less than 1.2 mm thickness and anodized to minimum 15µm thickness (Grade AC-15) in bronze & silver or any other approved colour. Anodizing coating shall be as per IS: 1868 or latest amendment.</p> <p>Provide Full length square SS powder coated pipe attached to bottom cap square bracket with level adjustment provision ribbiting without welding, pass thorough top cap interlock with clamp SS pipe sliding and level adjustment provision without compromising structural strength of Elliptical Glow Board.</p> <p>Provide nylon die molded & MS machine formed powder coated horizontal or vertical as per requirement heat sink bracket to hold top and bottom aluminium profile with press fit and bolting provision. Top bottom and/or side Cap as per requirement flush fixed at Profile to outer side holding all structural element together.</p>
Bracket / clamp	<p>“I” beams of size 3” - 27” / “T” beams of size 6-8” x 5”, “C” beam of size 3” x 5” and round pipes 2” - 6” holding machine bended seven tank processed powder coated clamp with SS 304 nut bolts & spring washers with provision of level, size and alignment adjustment. ‘T’, ‘S’ or round shaped clamp from center slot will interlock with top beam/ girder, pipe at various size with horizontal or perpendicular or taper or slanted form with provision of beam to beam connected bracket to hold sign perpendicular or horizontal. & bottom side of clamp will interlock with pipe of Elliptical Glow Board with SS nut-bolt and spring washer.</p> <p>High strength Round Mounting Clamp set of inner & outer clamp at R 2”/3” & for installation on round pipe of dia 2/3” shall be press-formed in SS 304 grade sheet of 2mm thickness, 2mm rib deep shall be formed along the periphery for additional strength, only the inner clamp shall be used with two holes shall be used for anchoring on wall. Universal mounting clamp approx. 70mm x 31mm x 22mm set consisting of sliding clamp, holding clamp, crimping lock and flexible strip shall be press-formed in SS 304 grade sheet of 1.2mm thickness this clamp shall be slid inside the mounting channels fixed to substrates. 0.8mm strip shall be passed through this clamp and around the structure on which the sign is to be installed and crimped firmly by crimping clamp. It should fix at any structure.</p> <p>M10 Square Head Bolts SS 304 grade, 4 side chamfered shall be used for installation. M10 Hexa Head shear nuts, which are high security, anti-theft, permanent fasteners, shall be used and shall be made of SS 304.</p>
Top profile	<p>Top Profile of Elliptical Glow Board shall be made up of Aluminium Alloy (6063-T6) Extruded profile anodised to 15 µm +/- 3 µm. The profile nominal wall thickness shall be 2 mm and width approx 170 mm, 137 mm and 268 mm. The reflective metallic silver PU particle coated granules shall be provided on the internal face of the profile. The edges of the profile shall be rounded.</p> <p>The profile shall have a slot of approx 4.8 mm & 7mm width on both sides to hold 2/3/4 mm thick polycarbonate sheet. The slot shall be at an angle of 80-84 degree to face firmly hold the polycarbonate sheet in elliptical and parabolic curvature. The Elliptical / Parabolic curvature of the polycarbonate sheet shall be maintained by its inherent flexural tension property. It should have circular slots for M6 self-tapping cheese head screws to fix the end caps. Along the centre line of the top of this profile there shall be a 10mm x 3mm slot for press fitting the heat sink holding brackets in place with circular slot for M6 self tapping screw should be made available. There shall also be a flat extension of 12mm to rectangular slot for additional support / fixing screws to firmly hold the heat sink holding bracket. The Total height of the central Projection should be maintained to minimize obstruction to light illumination.</p>

Bottom, top & side Profile	<p>Bottom, top and side Profile full / half of the Elliptical Glow Board shall be made of extruded anodized Aluminium Alloy hollow profile (6063-T6) having 2mm to 5mm wall thickness. It should have internal ribs with approx 1.5mm, 2.5mm thickness and 4.5mm, 4.2mm wide slot to firmly hold the polycarbonate sheet in elliptical and parabolic curvature using its flexural tension. A circular slot of dia approx. 4.5 mm at the center of profile shall be provided to fix self tapping cheese head screw for end cap.</p> <p>An extruded extension diametrically opposite to this circular slot should have approx. 10mm x 3mm slot for press fitting the heat sink holding brackets. Further flat extension of 12 mm shall be provided for screwing the bracket for additional strength & fixed location.</p> <p>Total external width & Height of the bottom, top & side profile should be full of approx. 34mm x 48mm R 11.7mm / 42mm x 50mm, R 24.3mm / 42mm x 80mm, R16mm / 84mm x 80 mm, R16mm without compromising the strength and causing any obstruction to the light while giving maximum viewing area. The bottom corner shall have a curvature of approx. R11.7mm, 24.3mm and 16mm to appear in continuous flow of elliptical Curvature of polycarbonate sheet. This also shall add to aesthetic beauty of the whole Elliptical Glow Board.</p>
Heat Sink Holding bracket (HSH)	<p>Heat Sink Holding Bracket shall be of approx. length 184mm, 252mm, 260mm, 324mm, 397mm, 537mm, 551mm injection moulded in Nylon 6 material & 1130mm, 1156mm, 861mm in MS machine formed powder coated for its strength & flexibility. The bracket shall be of 'I' cross section of sizes approx. 102mm x 15mm x 10mm, 1080mm x 25mm x 5mm, 1156mm x 50mm x 5mm, 861mm x 50mm x 5mm at mid portion and it should reduce proportionately in slant at both the ends for nylon 6mm, MS 5mm. Thickness without obstructing the light and without compromising on strength.</p> <p>The 'I' cross section nylon shall have ribs for maintaining stiffness. Both the ends of HSH brackets shall have locking clasp to press fit in 10 mm x 3mm slot of top and bottom profile. The mid portion shall have offset of 14mm for nylon and 12 mm for MS.</p> <p>Central clasp shall be moulded in the Heat Sink Holding bracket to firmly hold the Heat Sink along the longitudinal axis of Elliptical Glow Board. The central clasp shall have two prong sets to hold the heat sink across its diagonal or along its sides as required. Two holes as per requirement shall be provided near the end clasps firmly.</p> <p>Two holes for nylon & MS shall be provided on both sides of central clasp to fix at both profiles</p> <p>Two holes shall be provided on both sides of central clasp to fix the mid portion of bracket to strip in the event longer bracket if required</p> <p>The mid portion of HSH bracket approx. 3 mm thick x 10 mm wide aluminium strip in the event longer bracket is required or more than one Heat Sink is required for bigger size of Elliptical Glow Board.</p>
Heat Sink	<p>Heat Sink shall be 25-26 mm hollow anodized Aluminium Alloy (6063-T6) profile of 2mm thickness. Corners shall be flattened to form a square across flat to hold the heat sink diagonally. Heat sink must be press fit horizontally and diagonally from all 8 sides. All the four sides shall have dovetail of slots. Circular slots of dia 2 mm shall be provided at all four internal corners to tight fit the pins of Heat Sink connector.</p> <p>There shall be a set of three of approx 1.5mm thick ribs central of approx. 5mm height and two sides of approx. 2mm height. Provision for maximize the surface area to aid in faster cooling as well as for additional strength to hollow square profile.</p>
Heat sink connector	<p>Heat Sink connector shall be a moulded from polycarbonate profile of same cross sectional dimensions as that of Heat Sink. The thickness of the connector shall be approx. 5 mm.</p> <p>Two semi circular slots shall be provided on each face. Provision to pass out hot air from heat sink should be made. Four pins shall be moulded on four corners on both the faces of Heat Sink connectors to be press fitted in Heat Sink profile.</p>
Elliptical Glow Board end cap	<p>End caps full / half with elliptical and parabolic shape shall be made from injection moulded polycarbonate granules 2 mm thick / SS 304 1.2 mm thick / aluminium die casted 8 mm thick having curve on top side and internal hollow and elliptical base at bottom side with reflective internal surface. The End caps shall be perfectly opaque.</p> <p>The standard sizes are:</p> <p>170mm x 304mm x 21mm, R 511mm corner R 11.7mm /</p> <p>210mm x 100mm x 20mm, R 150mm corner R 39mm /</p> <p>278mm x 130mm x 20mm, R 193mm corner R39mm /</p> <p>350mm x 152mm x 20mm, R 257mm corner R 39mm /</p> <p>425mm x 175mm x 20mm, R 316mm corner R 39mm /</p>

563mm x 215mm x 20mm, R 449mm corner 39mm /
 210mm x 69.2mm x 20mm, R 150mm corner R 39mm /
 278mm x 84.2mm x 20mm, R 193.48mm corner R 39mm /
 350mm x 95.2mm x 20mm, R 257mm corner R 39mm /
 425mm x 106.7mm x 20mm, R 318mm corner R 39mm /
 563mm x 126.7mm x 20mm, R 449mm corner R 39mm /
 425mm x 150mm x 50mm, R 305mm corner 39mm /
 600mm x 110mm x 50mm, R 445mm corner R39mm /
 862mm x 167mm x 60mm, R 707mm corner R39mm /
 425mm x 190mm x 50mm, R 315mm corner R30mm /
 573mm x 230mm x 57mm, R 450mm corner R30mm /
 859mm x 308mm x 67mm, R 734mm corner R30mm /
 529mm x 308mm x 99mm, R 371mm Corner 40 /
 692mm x 308mm x 85mm, R 528mm corner R53mm /
 1063mm x 415mm x 126mm, R943mm corner R 80mm /
 1167mm x 353mm x 20mm, R 1062mm corner R 11.75mm /
 169mm x 915mm x 30mm, R 1246mm corner R17mm /
 342mm x 2092mm x 30mm, R 2451mm corner R 17.2mm /
 1488mm x 472mm x 30mm, R 1575mm corner R 16.3mm /
 889mm x 263mm x 25mm, R 775mm corner R 17.5mm.

Note: Above size of the end cap will be utilized as per the requirement

The boards shall be such that the text & Graphics displayed on the Polycarbonate sheet held in these end caps should be completely visible even if it is viewed directly from the bottom or any direction; the text is very much legible.

Polycarbonate cap Internal face shall be cross ribbed 2mm x 3mm to increase the strength of the end cap. Eight nos. locating pins tapering towards collar of the end cap shall be provided near the internal periphery of the end cap. These pins shall firmly hold the 3mm translucent polycarbonate sheet in elliptical / parabolic curvature.

Circular cutout of dia approx. 80mm shall be provided for illuminated branding or opaque cap shall be provided in case of none branding. For branding translucent material fitting provision should provide without shadow on branding. Oblong cutout with collar shall be provided for projecting image of desired text & graphics on the floor below or opaque cap shall be provided in case of non-projecting. 2mm x 5mm Ribs approx. 20mm inside and parallel to the external periphery shall be provided for additional strength. Riser buttons shall be provided along the internal ribs to block the cutouts using opaque sheet screwed through these buttons. These buttons may also be used to mount the LED projector when required.

Projector fitting bracket shall be fix to end cap to align with oval slot.

Three nos. cap holding sockets shall be moulded at three corners of the End Cap. Two nos. locating pins shall be provided on each cap holding sockets and shall be provided at the bottom of these pins for additional strength. This pin shall locate in the top and bottom Aluminum profile.

Two tapering ribs shall be provided to cap holding brackets for additional strength.

Three through slots of approx. 17 mm x 1.5 mm shall be provided near the top of end cap for heat ventilation. Moulded Screw caps shall be provided to externally press fit in the cap holding sockets. The end cap Shall be Moulded Shatter proof opaque polycarbonate as per IS 14443 or latest amended with thickness not less than 1mm and of reputed Indian make using Bayer granules.

SS 304 elliptical or parabolic cap should have approx. 20 mm vertical collar at corners of suitable dia hole to interlock with profile and structure, square bracket at bottom cap should provide to interlock vertical square structure pipe and top cap should have cut out to thorough pass the structure pipe with the provision of ventilation.

Aluminium die Casted cap top should have curvature of R 1123-1125 mm and internal hollow with wall thickness of 6-8mm with polished and premiered with metallic PU gloss lacquer coated. internal 2 nos. cap holding socket shall be casted at both corners of cap to interlock with side profile,

Bottom casted cap should have side curvature of - R78-79 / 112-113 mm and hollow of approx. 100 mm with internal 2 nos. cap holding socket shall be casted at both the corners of cap to interlock with side profile. Vertical rib should provide to interlock polycarbonate sheet with inner pins support should flushed with side aluminium profile. Cap should have a hole with die moulded dia approx. 12 mm grommet to pass main supply wire.

Cue Beam	<p>Cue beam holding bracket die-moulded with triangular parabolic base of approx. 77mm x 68mm, 2 mm thick. Hollow cylindrical die-moulded cover of dia approx. 29mm and height 43mm attached to side legs with provision of hinge for 360 degree rotation and angle adjustment with oblong cut out of bottom cap. It should fix with bottom cap with 3 nos. holes of dia approx 3 mm.</p> <p>The Elliptical Glow Board shall have the slot for provision of Cue Beam projector wherever required with provision of cue beam holding bracket. Cue beam projector should project the given sign image and text on floor or wall from max distance with maximum brightness than ambient light.</p> <p>2 nos. Plano convex of approx. R 9.22mm, R 7.31mm and 1no. Biconvex lenses of approx. R 19.8mm, R 34.1mm, should fix at given slots.</p> <p>Projector lens with engraved image should create maximum projection on surface</p> <p>The CUE BEAM should incorporate in Elliptical Glow Board.</p> <p>Technical specification of CUE BEAM</p> <p>Voltage - AC 110V~220V</p> <p>Built in LED Driver - 12 V</p> <p>Power - 5W</p> <p>Luminosity - 150~ 200LM</p> <p>Image Projected distance -1~ 3 meters</p> <p>External Dimensions approx. - Ø26mm X 76 mm</p>
Podium	<p>Elliptical shape one piece cut, top & bottom 3mm thick with size approx. 1170 mm x 512 mm x 508 mm at R914mm at corner R 117mm / 1643 mm x 575 mm x 508 mm at R 1652mm at corner R 92.5mm of SS 304 with parabolic shape cut at center having dia approx 8 mm, 2 hole on top for matching with bottom cap of Elliptical Glow Board for fixing and interlocking without welding and bottom approx. 12 mm 4 hole for foundation fitting should be provided. Provide approx. 4 mm 9 holes for ventilation at top and Backside open able door system with lock & key.</p> <p>SS 304 grade frame structure of size approx. 25mm x 50mm x 1.2mm square with vertical and horizontal supports covered with SS 304 sheet of 1.2mm thick with powder coated in elliptical shape machine formed matching with top of podium should provide</p> <p>Anchor fastener fitting provision has to be made for ground fixing.</p>
ACP Cladding	<p>Design, fabrication & installation of 3mm thick exterior grade PVDF coated Aluminium composite panels (Timex, Alucobond) of having 0.5 mm thick aluminium PVDF coated sheet with specific standard colour + 3 mm core material + 0.5 mm aluminium sheet chemically treated (back sheet) bent with 5mm uniform machine grooved as per requirement, fitted on anodised aluminium/ anodized aluminium angle Primer with PU coated MS rectangular grid work. Grid for supporting ACP shall be of size approx. 38mm x 38mm x 1.5mm at a distance of Heat sink fixed in Elliptical Glow Board should accurately match Horizontally & Vertically along with existing structure on site. Hardware, fixtures, brackets, anchor, fasteners of SS 304 grade etc. complete duly sealed with weathering silicon (DOW / GE) for circular columns and curved beams etc. Provision of MS clamp/ bracket for fixing with existing structure vertically, horizontally or slanted without welding and with level size alignment adjustment and interlocking provision without compromising strength and structural stability of frame should provide.</p>
Text /Graphics	<p>Shall be computer cut/printed on 80 µm Monomeric calendared Vinyl matt sheet of reputed make (Metamark / 3M) of Pantone shade 227C/165C/260C/Cool grey 8C/Black/7408C</p> <p>Note: Pantone provides a universal language of color that enables color-critical decisions through every stage of the workflow for brands and manufacturers.</p>
Led ribbon light Illumination	<p>Ribbon light shall be of waterproof SMD 2835. The width of Ribbon light shall be 12 +/- 1mm. This shall be slide into the dovetail grooves of the heat sink & firmly pasted on all four sides of the heat sink. The light emitted from LED ribbon light should be partially reflected from the elliptical and parabolic curvature of white glossy polycarbonate sheet multiple times. Any obstruction or low brightness at the edges of the beam should be taken care of.</p> <p>Uniform illumination Average 4W-8W/ Sq. ft.</p>

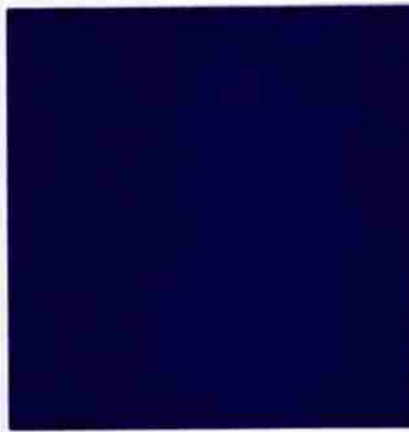
LED	Linear LED of density 120 LEDs per meter of quality of proven make such as Bridgelux/ NICHIA/ SEOUL Semiconductor/ OSRAM/. OEM certificate of LED should be provided.	
	LED Wattage	0.08 W to 0.1W per LED
	LED Driver	Constant current waterproof LED driver of approved brand make Mean Well / Philips / OSRAM with separate surge protection
	LED Colour	Cool White
	Colour temperature	5500 K/6500 K
	Viewing angle	Text/Graphics/matter visibility shall not be less than 160°
	Nominal Voltage	230V, AC, 50 Hz
	Operating Voltage Range	150V-260V AC With SMPS power supply.
	Index of protection	IP 54
Sizes of Boards	The size of board shall of different sizes, as per the site requirement.	
Sign substrate	Shall be of Eco Friendly, High impact strength, shatter proof, UV resistant, Translucent, non-flammable White polycarbonate solid sheet as per IS 14448 of not less than 3mm of reputed make Bayer / Lexan / Polymac. Light transmission shall be in the range of 60% - 90%. Provide U shaped 7mm x 1mm / 4mm x 1mm / 8 mm x 2mm gasket for tight holding and interlocking polycarbonate sheet in aluminum profile.	
Note: The successful contractor shall arrange of all equipment, tools, consumables, testing meters, Hydra scaffolding, crane, forklift etc. and other required materials for successful completion of the work. Any work not specifically mentioned, but required for successful completion of work is deemed to be included in the work. If any activity required to be included later on due to reliability and safety shall be carried out by contractor without any extra cost.		

ANNEXURE- III

Color Images

Color Codes

Tags



Hex: #663399

RGB: 102, 51, 153

CMYK: 33.3, 66.7, 0, 40

HSV: 270, 67, 60

663399

royal purple

violet blue

ANNEXURE- IV











































1-2 ←

उपनगरीय हार्बर उपनगरीय हार्बर Suburban Harbour









DRM NO. 1
Front

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लॉटफॉर्म नं. २ ते ७ प्लॉटफॉर्म नं. २ से ७ PLATFORM 2 to 7
	प्लॉटफॉर्म नं. ८ ते १८ प्लॉटफॉर्म नं. ८ से १८ PLATFORM 8 to 18
	टिकट घर टिकट घर TICKET COUNTER
	चाइल्ड हेल्प चाइल्ड हेल्प CHILD HELP
	पिण्याचे पानी - यु. वी. शुध्दीकृत पौने का पानी - यु. वी. शुध्दीकृत DRINKING WATER - U.V. PURIFIED
	सौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टॉल आणि केमिस्ट मल्टी परपस स्टॉल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेकी जगह MEETING POINT
	आरक्षण केंद्र आरक्षण केंद्र RESERVATION CENTER
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश आणि बाहेर प्रवेश एवं बाहर ENTRY & EXIT
	प्रवेश, बाहेर आणि भुयारी मार्ग प्रवेश, बाहर एवं भूमिगत मार्ग ENTRY, EXIT & SUBWAY
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टैक्सी एवं प्री पेड टैक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

Front

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लॉटफॉर्म नं. २ ते ७ प्लॉटफॉर्म नं. २ से ७ PLATFORM 2 to 7
	प्लॉटफॉर्म नं. ८ ते १८ प्लॉटफॉर्म नं. ८ से १८ PLATFORM 8 to 18
	टिकट घर टिकट घर TICKET COUNTER
	चाइल्ड हेल्प चाइल्ड हेल्प CHILD HELP
	पिण्याचे पानी - यु. वी. शुध्दीकृत पौने का पानी - यु. वी. शुध्दीकृत DRINKING WATER - U.V. PURIFIED
	सौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टॉल आणि केमिस्ट मल्टी परपस स्टॉल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेकी जगह MEETING POINT
	आरक्षण केंद्र आरक्षण केंद्र RESERVATION CENTER
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश आणि बाहेर प्रवेश एवं बाहर ENTRY & EXIT
	प्रवेश, बाहेर आणि भुयारी मार्ग प्रवेश, बाहर एवं भूमिगत मार्ग ENTRY, EXIT & SUBWAY
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टैक्सी एवं प्री पेड टैक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

25.2.2021

DRM NO. 2
Front

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लेटफॉर्म नं. १ ते २ प्लेटफॉर्म नं. १ ते २ PLATFORM 1 to 2
	प्लेटफॉर्म नं. ३ ते ७ प्लेटफॉर्म नं. ३ ते ७ PLATFORM 3 to 7
	प्लेटफॉर्म नं. ८ ते १८ प्लेटफॉर्म नं. ८ ते १८ PLATFORM 8 to 18
	चौकशी आणि टिकट घर आणि आरक्षण केंद्र पूछताछ एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	बाल सहाय बाल सहाय CHILD HELP
	पिण्याचे पाणी - यू. वी. शुद्धीकृत पीने का पानी - यू. वी. शुद्धीकृत DRINKING WATER - U.V. PURIFIED
	प्रसाधन शौचालय TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टॉल आणि केमिस्ट मल्टी परपस स्टॉल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेकी जगह MEETING POINT
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश आणि बाहेर प्रवेश एवं बाहर ENTRY & EXIT
	प्रवेश, बाहेर, बॅग चेक आणि भुवारी मार्ग प्रवेश, बाहर, बॅग चेक एवं भूमिगत मार्ग ENTRY, EXIT, BAG CHECK & SUBWAY
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

Back

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लेटफॉर्म नं. १ ते २ प्लेटफॉर्म नं. १ ते २ PLATFORM 1 to 2
	प्लेटफॉर्म नं. ३ ते ७ प्लेटफॉर्म नं. ३ ते ७ PLATFORM 3 to 7
	प्लेटफॉर्म नं. ८ ते १८ प्लेटफॉर्म नं. ८ ते १८ PLATFORM 8 to 18
	चौकशी आणि टिकट घर आणि आरक्षण केंद्र पूछताछ एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	बाल सहाय बाल सहाय CHILD HELP
	पिण्याचे पाणी - यू. वी. शुद्धीकृत पीने का पानी - यू. वी. शुद्धीकृत DRINKING WATER - U.V. PURIFIED
	प्रसाधन शौचालय TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टॉल आणि केमिस्ट मल्टी परपस स्टॉल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेकी जगह MEETING POINT
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश आणि बाहेर प्रवेश एवं बाहर ENTRY & EXIT
	प्रवेश, बाहेर, बॅग चेक आणि भुवारी मार्ग प्रवेश, बाहर, बॅग चेक एवं भूमिगत मार्ग ENTRY, EXIT, BAG CHECK & SUBWAY
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

25.2.2021

DRM NO. 4
Front

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लेटफॉर्म नं. १ ते ७ प्लेटफॉर्म नं. १ ते ७ PLATFORM 1 to 7
	प्लेटफॉर्म नं. ८ ते १८ प्लेटफॉर्म नं. ८ ते १८ PLATFORM 8 to 18
	चौकशी आणि टिकट घर आणि आरक्षण केंद्र पुस्तक एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	चाइल्ड हेल्प चाइल्ड हेल्प CHILD HELP
	पिण्याचे पाणी - यू. व्ही. शुध्दीकृत पीने का पानी - यू. व्ही. शुध्दीकृत DRINKING WATER - U.V. PURIFIED
	शौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टाल आणि केमिस्ट मल्टी परपस स्टाल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेकी जगह MEETING POINT
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश, बाहेर, बॅग चेक आणि भुवारी मार्ग प्रवेश, बाहेर, बॅग चेक एवं भूमिगत मार्ग ENTRY, EXIT, BAG CHECK & SUBWAY
	प्रवेश आणि बाहेर प्रवेश एवं बाहेर ENTRY & EXIT
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

DRM NO. 4
Front

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लेटफॉर्म नं. १ ते ७ प्लेटफॉर्म नं. १ ते ७ PLATFORM 1 to 7
	प्लेटफॉर्म नं. ८ ते १८ प्लेटफॉर्म नं. ८ ते १८ PLATFORM 8 to 18
	चौकशी आणि टिकट घर आणि आरक्षण केंद्र पुस्तक एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	चाइल्ड हेल्प चाइल्ड हेल्प CHILD HELP
	पिण्याचे पाणी - यू. व्ही. शुध्दीकृत पीने का पानी - यू. व्ही. शुध्दीकृत DRINKING WATER - U.V. PURIFIED
	शौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टाल आणि केमिस्ट मल्टी परपस स्टाल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेकी जगह MEETING POINT
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश, बाहेर, बॅग चेक आणि भुवारी मार्ग प्रवेश, बाहेर, बॅग चेक एवं भूमिगत मार्ग ENTRY, EXIT, BAG CHECK & SUBWAY
	प्रवेश आणि बाहेर प्रवेश एवं बाहेर ENTRY & EXIT
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

25.2.2021

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लॅटफॉर्म नं. १ ते २ प्लॅटफॉर्म नं. १ ते २ PLATFORM 1 to 2
	प्लॅटफॉर्म नं. ३ ते ७ प्लॅटफॉर्म नं. ३ ते ७ PLATFORM 3 to 7
	प्लॅटफॉर्म नं. ८ ते १८ प्लॅटफॉर्म नं. ८ ते १८ PLATFORM 8 to 18
	चौकशी आणि तिकीट घर आणि आरक्षण केंद्र पूछताछ एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	चाइल्ड हेल्प चाइल्ड हेल्प CHILD HELP
	पिण्याचे पाणी - यू. व्ही. शुध्दीकृत पीने का पानी - यू. व्ही. शुध्दीकृत DRINKING WATER - U.V. PURIFIED
	शौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टाल आणि केमिस्ट मल्टी परपस स्टाल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेची जगह MEETING POINT
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश आणि बाहेर प्रवेश एवं बाहर ENTRY & EXIT
	प्रवेश, बाहेर, बॅग चेक आणि भुयारी मार्ग प्रवेश, बाहर, बॅग चेक एवं भूमिगत मार्ग ENTRY, EXIT, BAG CHECK & SUBWAY
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टैक्सी एवं प्री पेड टैक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लॅटफॉर्म नं. १ ते २ प्लॅटफॉर्म नं. १ ते २ PLATFORM 1 to 2
	प्लॅटफॉर्म नं. ३ ते ७ प्लॅटफॉर्म नं. ३ ते ७ PLATFORM 3 to 7
	प्लॅटफॉर्म नं. ८ ते १८ प्लॅटफॉर्म नं. ८ ते १८ PLATFORM 8 to 18
	चौकशी आणि तिकीट घर आणि आरक्षण केंद्र पूछताछ एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	चाइल्ड हेल्प चाइल्ड हेल्प CHILD HELP
	पिण्याचे पाणी - यू. व्ही. शुध्दीकृत पीने का पानी - यू. व्ही. शुध्दीकृत DRINKING WATER - U.V. PURIFIED
	शौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA
	मल्टी परपस स्टाल आणि केमिस्ट मल्टी परपस स्टाल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	भेटण्याची जागा मिलनेची जगह MEETING POINT
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश आणि बाहेर प्रवेश एवं बाहर ENTRY & EXIT
	प्रवेश, बाहेर, बॅग चेक आणि भुयारी मार्ग प्रवेश, बाहर, बॅग चेक एवं भूमिगत मार्ग ENTRY, EXIT, BAG CHECK & SUBWAY
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टैक्सी एवं प्री पेड टैक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

DRM NO. 7
Front

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लेटफॉर्म नं. १ से १५ प्लेटफॉर्म नं. १ से १५ PLATFORM 1 to 15
	प्लेटफॉर्म नं. १ से १५ प्लेटफॉर्म नं. १ से १५ PLATFORM 1 to 15
	प्लेटफॉर्म नं. १४ से १७ प्लेटफॉर्म नं. १४ से १७ PLATFORM 14 to 17
	चौकशी आणि टिकट घर आणि आरक्षण केंद्र चौकशी आणि टिकट घर आणि आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	चाइल्ड हेल्प आणि भेटण्याची जागा चाइल्ड हेल्प आणि भेटण्याची जागा CHILD HELP & MEETING POINT
	पिण्याचे पाणी - यू. वी. शुद्धीकृत पीने का पानी - यू. वी. शुद्धीकृत DRINKING WATER - U.V. PURIFIED
	शौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AHAAR CAFETERIA
	मल्टी परपस स्टॉल आणि केमिस्ट मल्टी परपस स्टॉल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	वातानुकूलित शयनगृह (तिसरा मजला) वातानुकूलित शयनगृह (तिसरी मंजिल) AC DORMITORY (THIRD FLOOR)
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश, बाहेर आणि बॅग चेक प्रवेश, बाहेर एवं बॅग चेक ENTRY, EXIT & BAG CHECK
	प्रवेश, बाहेर, बॅग चेक आणि पे अॅन्ड पार्क प्रवेश, बाहेर, बॅग चेक एवं पे अॅन्ड पार्क ENTRY, EXIT & PAY & PARK
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

Back

36"

108"

	छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS
	प्लेटफॉर्म नं. १ से १५ प्लेटफॉर्म नं. १ से १५ PLATFORM 1 to 15
	प्लेटफॉर्म नं. १ से १५ प्लेटफॉर्म नं. १ से १५ PLATFORM 1 to 15
	प्लेटफॉर्म नं. १४ से १७ प्लेटफॉर्म नं. १४ से १७ PLATFORM 14 to 17
	चौकशी आणि टिकट घर आणि आरक्षण केंद्र चौकशी आणि टिकट घर आणि आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER
	चाइल्ड हेल्प आणि भेटण्याची जागा चाइल्ड हेल्प आणि भेटण्याची जागा CHILD HELP & MEETING POINT
	पिण्याचे पाणी - यू. वी. शुद्धीकृत पीने का पानी - यू. वी. शुद्धीकृत DRINKING WATER - U.V. PURIFIED
	शौचालय प्रसाधन TOILET
	फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AHAAR CAFETERIA
	मल्टी परपस स्टॉल आणि केमिस्ट मल्टी परपस स्टॉल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST
	वातानुकूलित प्रतीक्षालय वातानुकूलित प्रतीक्षालय AC WAITING LOUNGE
	वातानुकूलित शयनगृह (तिसरा मजला) वातानुकूलित शयनगृह (तिसरी मंजिल) AC DORMITORY (THIRD FLOOR)
	सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE
	अमानती-सामान घर अमानती-सामान घर CLOAK ROOM
	प्रवेश, बाहेर आणि बॅग चेक प्रवेश, बाहेर एवं बॅग चेक ENTRY, EXIT & BAG CHECK
	प्रवेश, बाहेर, बॅग चेक आणि पे अॅन्ड पार्क प्रवेश, बाहेर, बॅग चेक एवं पे अॅन्ड पार्क ENTRY, EXIT & PAY & PARK
	बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI
	वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER

25.2.2021

DRM NO. 8
Front

36"

108"

 छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS	
 प्लॅटफॉर्म नं. १ ते १७ प्लॅटफॉर्म नं. १ ते १७ PLATFORM 1 to 17	<div>1 to 3</div> <div>3 to 8</div> <div>8 to 17</div> <div>↑</div>
 प्लॅटफॉर्म नं. १ ते १७ प्लॅटफॉर्म नं. १ ते १७ PLATFORM 1 to 17	<div>1 to 3</div> <div>3 to 8</div> <div>8 to 17</div> <div>↑</div>
 प्लॅटफॉर्म नं. १४ ते १७ प्लॅटफॉर्म नं. १४ ते १७ PLATFORM 14 to 17	<div>14 to 17</div> <div>↑</div>
 ? चौकशी आणि टिकट घर आणि आरक्षण केंद्र भुवनाथ एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER	<div>↑</div>
 CHILD HELP बाल सहाय्य आणि भेटण्याची जागा बाल सहाय्य एवं मिलनेची जगह CHILD HELP & MEETING POINT	<div>→</div>
 DRINKING WATER पिण्याचे पाणी - यू. वी. शुध्दीकृत पीने का पानी - यू. वी. शुध्दीकृत DRINKING WATER - U.V. PURIFIED	<div>↑</div>
 TOILET शौचालय प्रसाधन TOILET	<div>↑</div>
 FOOD CENTER & JAN AAHAR CAFETERIA फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA	<div>→</div>
 MULTI PURPOSE STALL AND CHEMIST मल्टी परपस स्टाल आणि केमिस्ट मल्टी परपस स्टाल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST	<div>→</div>
 WAITING LOUNGE प्रतीक्षालय प्रतीक्षालय WAITING LOUNGE	<div>↑</div>
 AC DORMITORY (THIRD FLOOR) वातानुकूलित शयनगृह (तिसरा मजला) वातानुकूलित शयनगृह (तिसरी मंजिल) AC DORMITORY (THIRD FLOOR)	<div>→</div>
 LUGGAGE BOOKING OFFICE सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE	<div>↑</div>
 CLOAK ROOM अमानती-सामान घर अमानती-सामान घर CLOAK ROOM	<div>→</div>
 ENTRY, EXIT & BAG CHECK प्रवेश, बाहेर आणि बॅग चेक प्रवेश, बाहेर एवं बॅग चेक ENTRY, EXIT & BAG CHECK	<div>→</div>
 ENTRY, EXIT & PAY & PARK प्रवेश, बाहेर आणि बॅग चेक प्रवेश, बाहेर एवं बॅग चेक ENTRY, EXIT & PAY & PARK	<div>←</div>
 BUS, TAXI & PRE PAID TAXI बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI	<div>→</div>
 SR. STATION MANAGER वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER	<div>→</div>

Back

 छत्रपति शिवाजी महाराज टर्मिनस छत्रपति शिवाजी महाराज टर्मिनस CHATRAPATI SHIVAJI MAHARAJ TERMINUS	
 प्लॅटफॉर्म नं. १ ते १७ प्लॅटफॉर्म नं. १ ते १७ PLATFORM 1 to 17	<div>1 to 3</div> <div>3 to 8</div> <div>8 to 17</div> <div>↓</div>
 प्लॅटफॉर्म नं. १ ते १७ प्लॅटफॉर्म नं. १ ते १७ PLATFORM 1 to 17	<div>1 to 3</div> <div>3 to 8</div> <div>8 to 17</div> <div>↓</div>
 प्लॅटफॉर्म नं. १४ ते १७ प्लॅटफॉर्म नं. १४ ते १७ PLATFORM 14 to 17	<div>14 to 17</div> <div>↓</div>
 ? चौकशी आणि टिकट घर आणि आरक्षण केंद्र भुवनाथ एवं टिकट घर एवं आरक्षण केंद्र ENQUIRY, TICKET & RESERVATION CENTER	<div>↓</div>
 CHILD HELP बाल सहाय्य आणि भेटण्याची जागा बाल सहाय्य एवं मिलनेची जगह CHILD HELP & MEETING POINT	<div>←</div>
 DRINKING WATER पिण्याचे पाणी - यू. वी. शुध्दीकृत पीने का पानी - यू. वी. शुध्दीकृत DRINKING WATER - U.V. PURIFIED	<div>↓</div>
 TOILET शौचालय प्रसाधन TOILET	<div>↓</div>
 FOOD CENTER & JAN AAHAR CAFETERIA फूड सेंटर जन आहार कॅफेटेरिया फूड सेंटर जन आहार कॅफेटेरिया FOOD CENTER & JAN AAHAR CAFETERIA	<div>←</div>
 MULTI PURPOSE STALL AND CHEMIST मल्टी परपस स्टाल आणि केमिस्ट मल्टी परपस स्टाल और केमिस्ट MULTI PURPOSE STALL AND CHEMIST	<div>←</div>
 WAITING LOUNGE प्रतीक्षालय प्रतीक्षालय WAITING LOUNGE	<div>↓</div>
 AC DORMITORY (THIRD FLOOR) वातानुकूलित शयनगृह (तिसरा मजला) वातानुकूलित शयनगृह (तिसरी मंजिल) AC DORMITORY (THIRD FLOOR)	<div>←</div>
 LUGGAGE BOOKING OFFICE सामान बुकिंग कार्यालय सामान बुकिंग कार्यालय LUGGAGE BOOKING OFFICE	<div>↓</div>
 CLOAK ROOM अमानती-सामान घर अमानती-सामान घर CLOAK ROOM	<div>←</div>
 ENTRY, EXIT & BAG CHECK प्रवेश, बाहेर आणि बॅग चेक प्रवेश, बाहेर एवं बॅग चेक ENTRY, EXIT & BAG CHECK	<div>←</div>
 ENTRY, EXIT & PAY & PARK प्रवेश, बाहेर आणि बॅग चेक प्रवेश, बाहेर एवं बॅग चेक ENTRY, EXIT & PAY & PARK	<div>→</div>
 BUS, TAXI & PRE PAID TAXI बस, टॅक्सी आणि प्री पेड टॅक्सी सुविधा बस, टॅक्सी एवं प्री पेड टॅक्सी सुविधा BUS, TAXI & PRE PAID TAXI	<div>←</div>
 SR. STATION MANAGER वरिष्ठ स्टेशन प्रबंधक वरिष्ठ स्टेशन प्रबंधक SR. STATION MANAGER	<div>←</div>