

To,
The Project Director,
Consortium of Ayasa-ITALFER-CEG-Ayasa India (AICA),
MMRDA Office Building,
Building No. B1,3rd Floor,
Opp. to New Wadala Truck Terminal Police Station,
Wadala East,
Mumbai 400 037.

Name : K Sudharsan
Department : RC-IN SMO RI-EL PE 5
Mobile : +91 9840885066
E-mail : sudharsan.k@siemens.com
Our Ref : SIEMENS-MMRDA-2B-CA-40-2026-0381
Dated : 12th May 2026

Contract: CA No. MMRDA/2B/MMRP/CA-40: Design, Manufacture, Supply, Installation, Testing and Commissioning of 2 nos. 110kV Receiving Substation Including 110kV, 33kV & 25kV Cabling Work, Complete 25kV Overhead Catenary System along with Switching Station, 33kV Auxiliary Power Distribution System including 33/0.415 kV Auxiliary Sub-Station (ASS) and Complete SCADA System for Main Line & Depot of Mumbai Metro Line 2B of MMRDA.

Ref: (1) GC Email, dated 08 May 2026.
(2) SIEMENS-MMRDA-2B-CA-40-2026-0371, dated 07 May 2026.
(3) Joint Visit with TATA Power, GC and MMRDA, dated 05 May 2026.
(4) SIEMENS-MMRDA-2B-CA-40-2026-0097, dated 03 Feb 2026.
(5) GC Email, dated 24 Jan 2025.
(6) SIEMENS-MMRDA-2B-CA-40-2024-1579, dated 16 Dec 2024.
(7) AICA/L2B/CA40/OG/PLD/2024/35800, dated 14 Dec 2024.
(8) SIEMENS-MMRDA-2B-CA-40-2024-1506, 28 Nov 2024.
(9) AICA/L2B/CA40/OG/PLD/2024/35260, dated 19 Nov 2024.
(10) SIEMENS-MMRDA-2B-CA-40-2024-1436, dated 07 Nov 2024.
(11) AICA/L2B/CA40/OG/PLD/2024/30892, dated 15 May 2024.
(12) SIEMENS-MMRDA-2B-CA-40-2024-627, dated 22 Apr 2024.

Subject: Submission of Definitive Design – EHV Cable Route – BKC RSS.

Dear Sir,

With reference to the above, please find the below details of the document attached with the letter.

Sr.No.	Subject	Rev	Purpose
1	Definitive Design EHV Cable Route – BKC RSS (Doc No. CA40-2B-CSR-PSY-DEG-IDE-0011)	07	For Review and Approval

We kindly request you to review and accord your approval for the above document.

Thanking you and assuring you our best services always, we remain.

Yours Sincerely,

On behalf of Consortium of Siemens Ltd. & Rail Vikas Nigam Ltd.

K Sudharsan
Contractor's Representative (CA – 40)

Encl : As above
Response to : Ref - (1)
Resp. requested : Yes
Cc: Director System, PIU, MMRDA

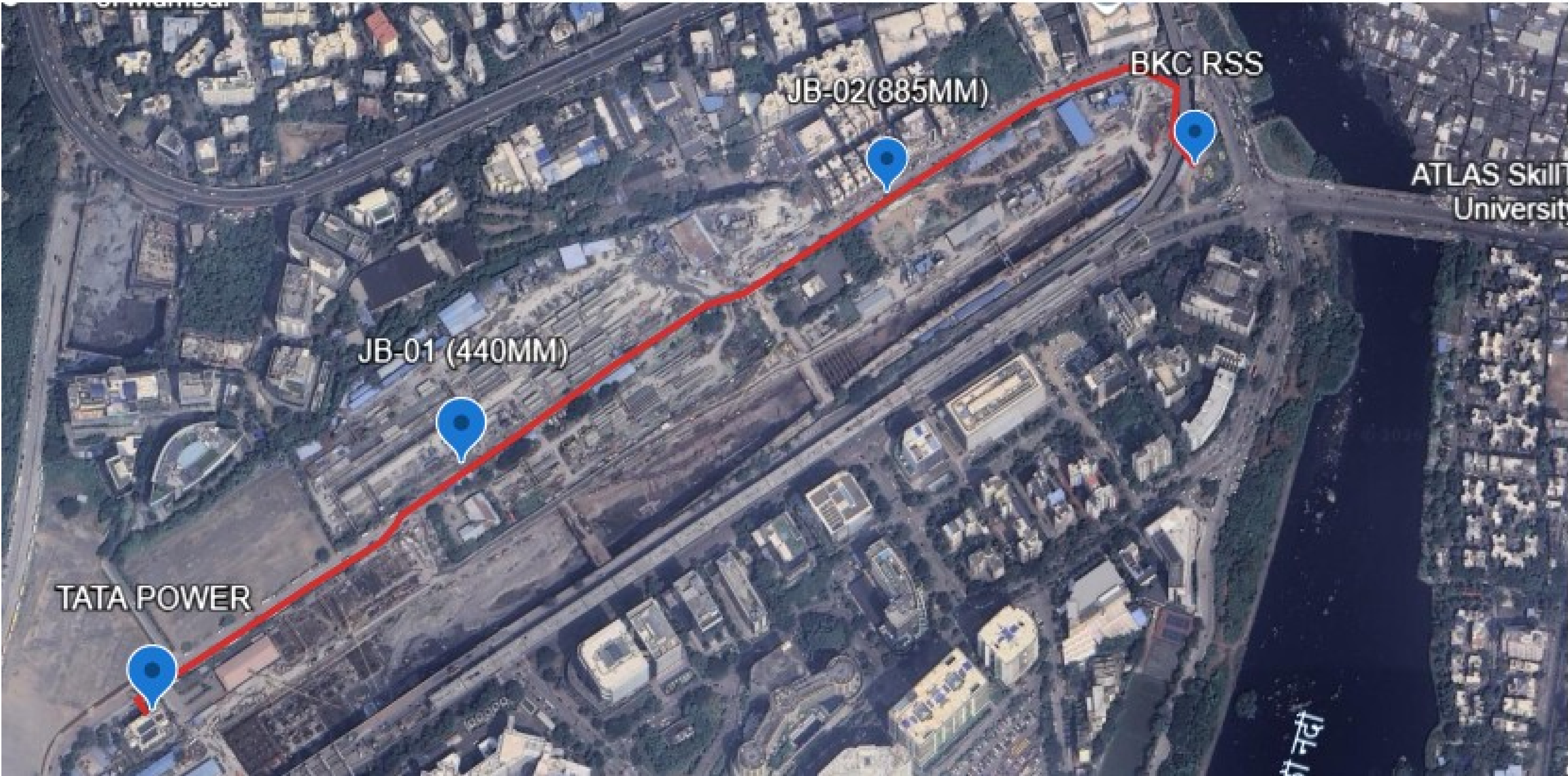
Siemens Limited
Management: Sunil Mathur
Mobility India; Management: Rajeev Joisar



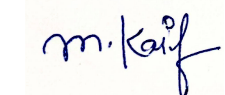
DLF Cyber Park, Phase III,
Tower B, 10th Floor, Sector 20,
Gurugram 122018,
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Tel.: +91 (124) 284 2000
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Registered Office: Birla Aurora, Level 21, Plot No. 1080, Dr. Annie Besant Road, Worli, Mumbai – 400030; Corporate Identity number: L28920MH1957PLC010839;
Tel.: +91 (22) 6251 7000; Fax: +91 (22) 2436 2404; Contact / Email: www.siemens.co.in/contact; Website: www.siemens.co.in.
Sales Offices: Ahmedabad, Bengaluru, Chennai, Gurugram, Hyderabad, Kharghar, Kolkata, Mumbai, Nagpur, Kalwa, Puducherry, Pune, Vadodara.

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REVISION PARTICULARS				<div>SIEMENS</div> <div><div>एन एम् आर डी ए</div><div>Rail Vikas Nigam Limited</div><div>(A Government of India Enterprise)</div></div>				GENERAL CONSULTANT			MMRDA			REFERENCE DRAWINGS						
THIS DRAWING IS THE PROPERTY OF MMRDA				PROCESS	NAME	DESIGNATION	SIGN	NAME	DESIGNATION	SIGN	NAME	DESIGNATION	SIGN	DRG. NO.		DESCRIPTION				
				APPROVED BY	SUDHARSAN K	PROJECT MANAGER		VIJAY YADAV	DPD (SYSTEMS)		LAXMIPRASAD KHARAT	CHIEF ENGINEER (E)								
				REVIEWED BY	A. NAG BHOSHON RAO	DESIGN ENGINEER /POWER SUPPLY		ANKIT AGRAWAL	SR. TRACTION POWER EXPERT		MOHIT NAGAR	EXECUTIVE ENGINEER								
	07	REVISED AS PER GC COMMENT DATED 08.05.2026	11.05.2026	CHECKED BY	ASHOK	DESIGN ENGINEER		BALAJI G	SR. T&C ENGG		DINESH PAWAR	DEPUTY ENGINEER								
	06	REVISED AS PER THE JOINT VISIT WITH MMRDA AND GC ON DATE 05.05.2026	06.05.2026	DRAWN BY	MOHD KAIF	ENGINEER														
	05	REVISED AS PER THE JOINT VISIT WITH MMRDA AND GC ON DATE 06.01.2026	03.02.2026																	
	04	REVISED AS PER GC COMMENT DATED 14.12.2024	16.12.2024	CONTRACTOR :					<div>Consortium of Ayesa-ITALFER-CEG-Ayesa India(AICA), MMRDA office Building, Building No. B1, 3RD Floor, Opp. to New Wadala Truck Terminal Police Station, Wadala East, Mumbai 400037 Phone: +91 22 42732500</div> <div><div>एन एम् आर डी ए</div><div>MMRDA</div><div><div>एन एम् आर डी ए</div><div>MUMBAI Metro</div></div></div> <div>MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY (MMRDA)</div>			DRAWING TITLE:								
	03	REVISED AS PER GC COMMENT DATED 19.11.2024	27.11.2024	CONSORTIUM OF SIEMENS LTD. & RAIL VIKAS NIGAM LTD.										DEFINITIVE DESIGN						
	02	REVISED AS PER SURVEY DRAWING	06.11.2024											EHV CABLE ROUTE - BKC RSS						
	01	FOR APPROVAL	25.02.2024											DRG. NO.	CA40-2B-CSR-PSY-DEG-IDE-0011					
REV.	PARTICULARS	ISSUE DATE																		
														REV.	DATE.	SCALE.	SIZE.	SHEET NO		
														07	11.05.2026	NTS	A0	02		

To,
The Project Director,
Consortium of Ayasa-ITALFER-CEG-Ayasa India (AICA),
MMRDA Office Building,
Building No. B1,3rd Floor,
Opp. to New Wadala Truck Terminal Police Station,
Wadala East,
Mumbai 400 037.

Name : K Sudharsan
Department : RC-IN SMO RI-EL PE 5
Mobile : +91 9840885066
E-mail : sudharsan.k@siemens.com
Our Ref : SIEMENS-MMRDA-2B-CA-40-2026-0464
Dated : 09th Jun 2026

Contract: CA No. MMRDA/2B/MMRP/CA-40: Design, Manufacture, Supply, Installation, Testing and Commissioning of 2 nos. 110kV Receiving Substation Including 110kV, 33kV & 25kV Cabling Work, Complete 25kV Overhead Catenary System along with Switching Station, 33kV Auxiliary Power Distribution System including 33/0.415 kV Auxiliary Sub-Station (ASS) and Complete SCADA System for Main Line & Depot of Mumbai Metro Line 2B of MMRDA.

Ref: (1) GC Email, dated 09 Jun 2026.
(2) SIEMENS-MMRDA-2B-CA-40-2026-0447, dated 03 Jun 2026.
(3) SIEMENS-MMRDA-2B-CA-40-2026-0379, dated 12 May 2026.
(4) GC Email, dated 08 May 2026.

Subject: Submission of Definitive design – Cross Section Drawing for Cable Laying in Buried Trench – BKC RSS.

Dear Sir,

With reference to the above, please find the below details of the document attached with the letter.

Sr.No.	Subject	Rev	Purpose
1	Definitive Design Cross Section Drawing for Cable Laying in Buried Trench – BKC RSS (Doc No. CA40-2B-CSR-PSY-DEG-DGA-0195)	03	For Review and Approval

We kindly request you to review and accord your approval for the above document.

Thanking you and assuring you our best services always, we remain.

Yours Sincerely,

On behalf of Consortium of Siemens Ltd. & Rail Vikas Nigam Ltd.


K Sudharsan
Contractor's Representative (CA – 40)



Encl : As above
Response to : Ref (1)
Resp. requested : Yes

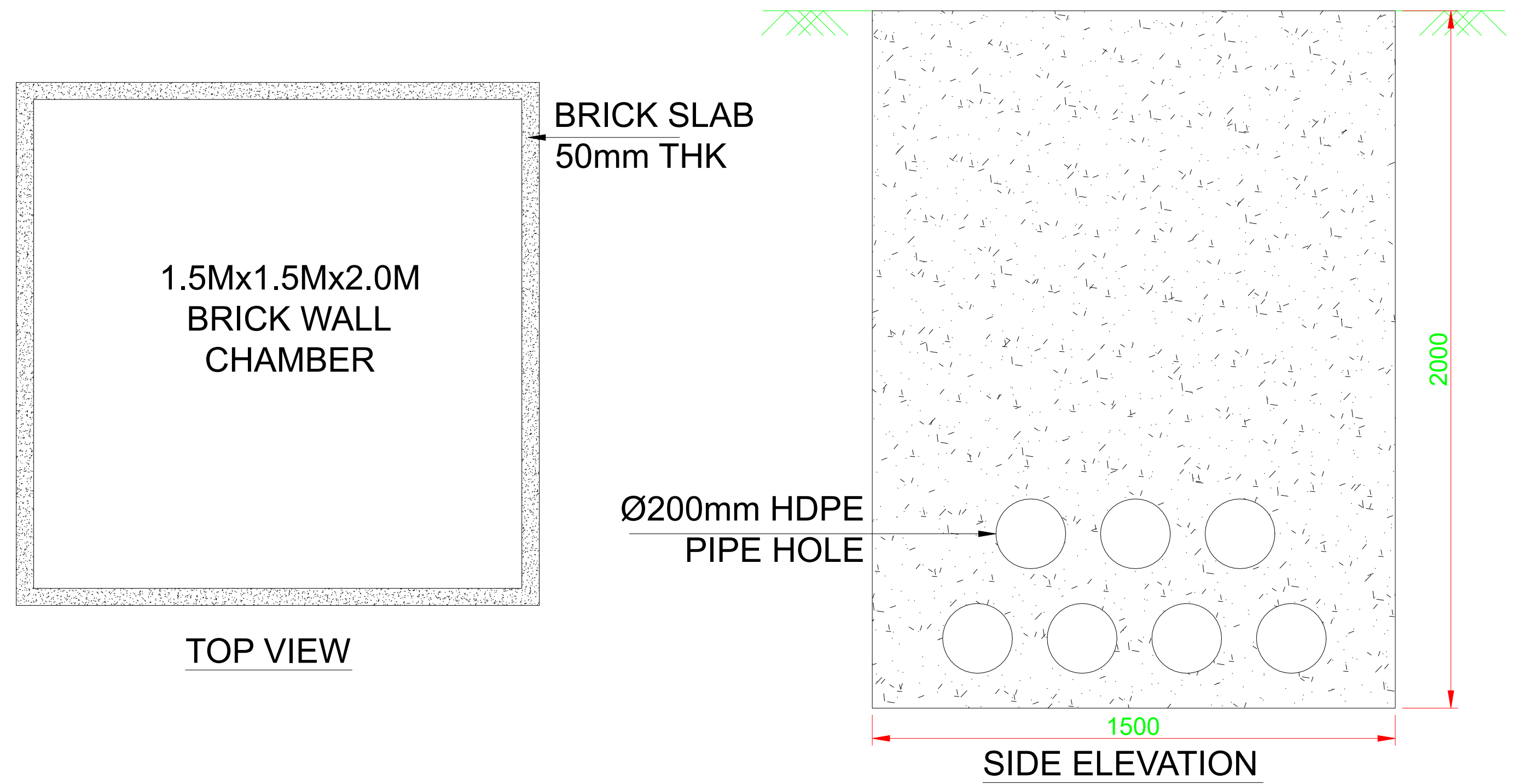
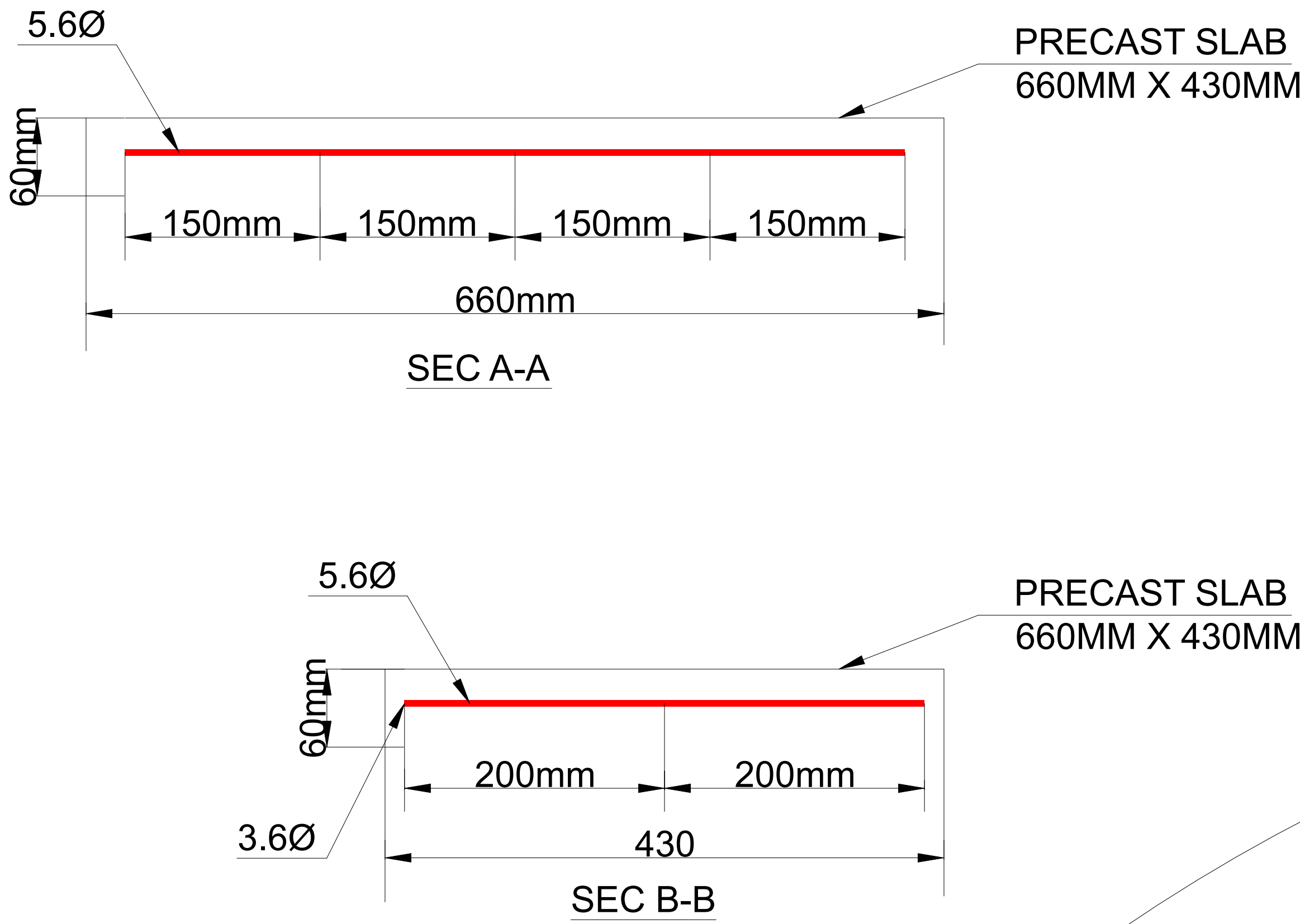
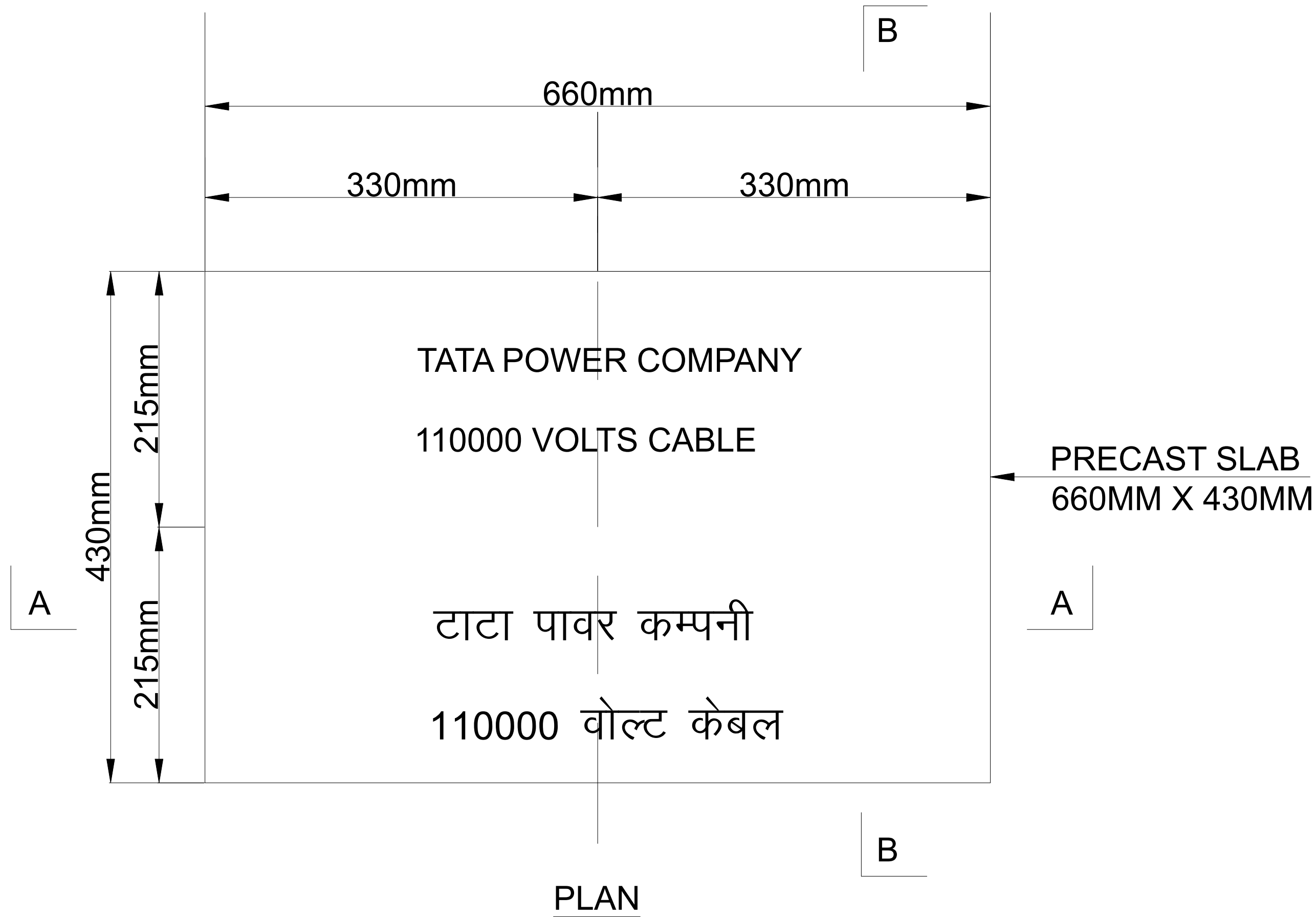
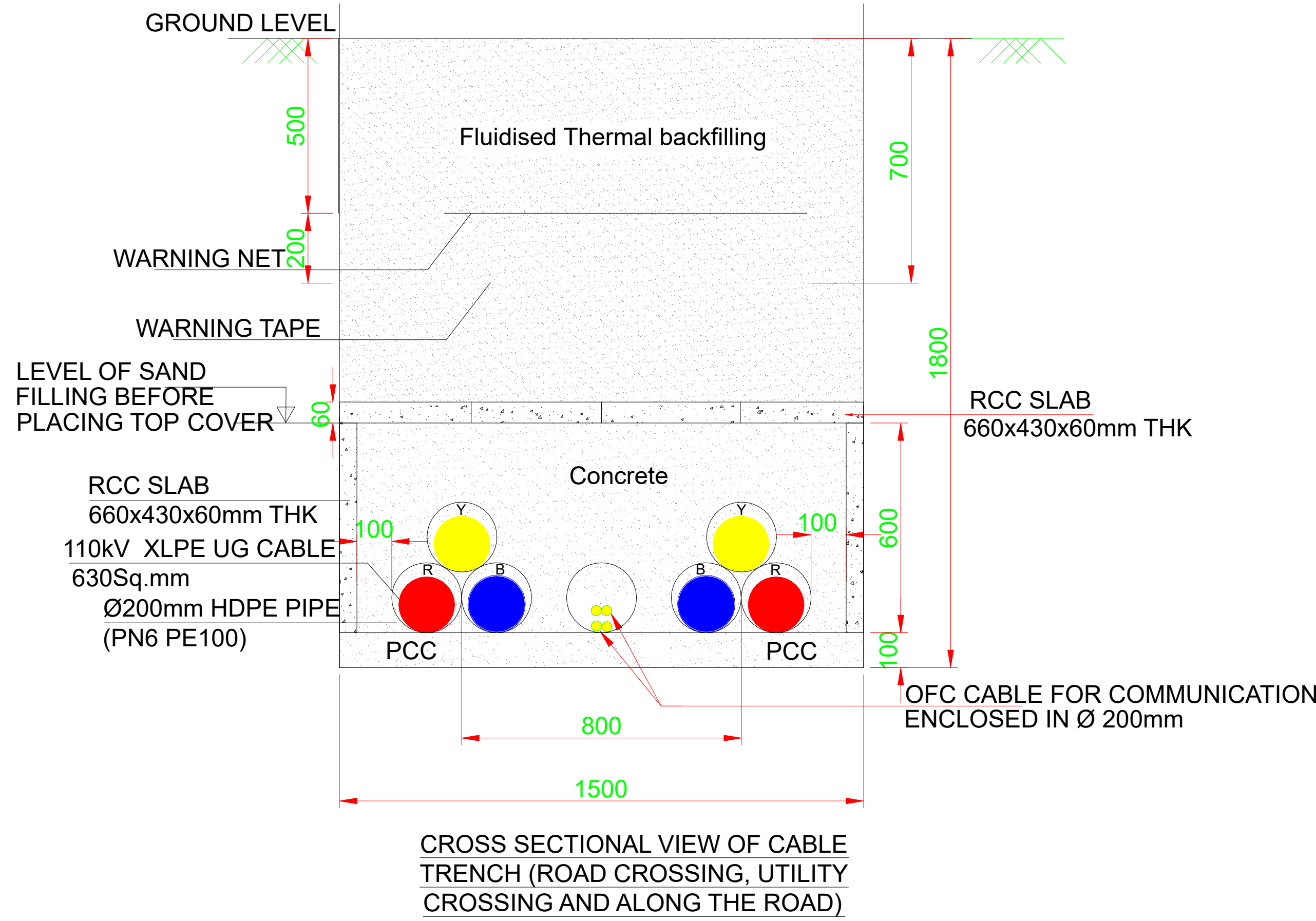
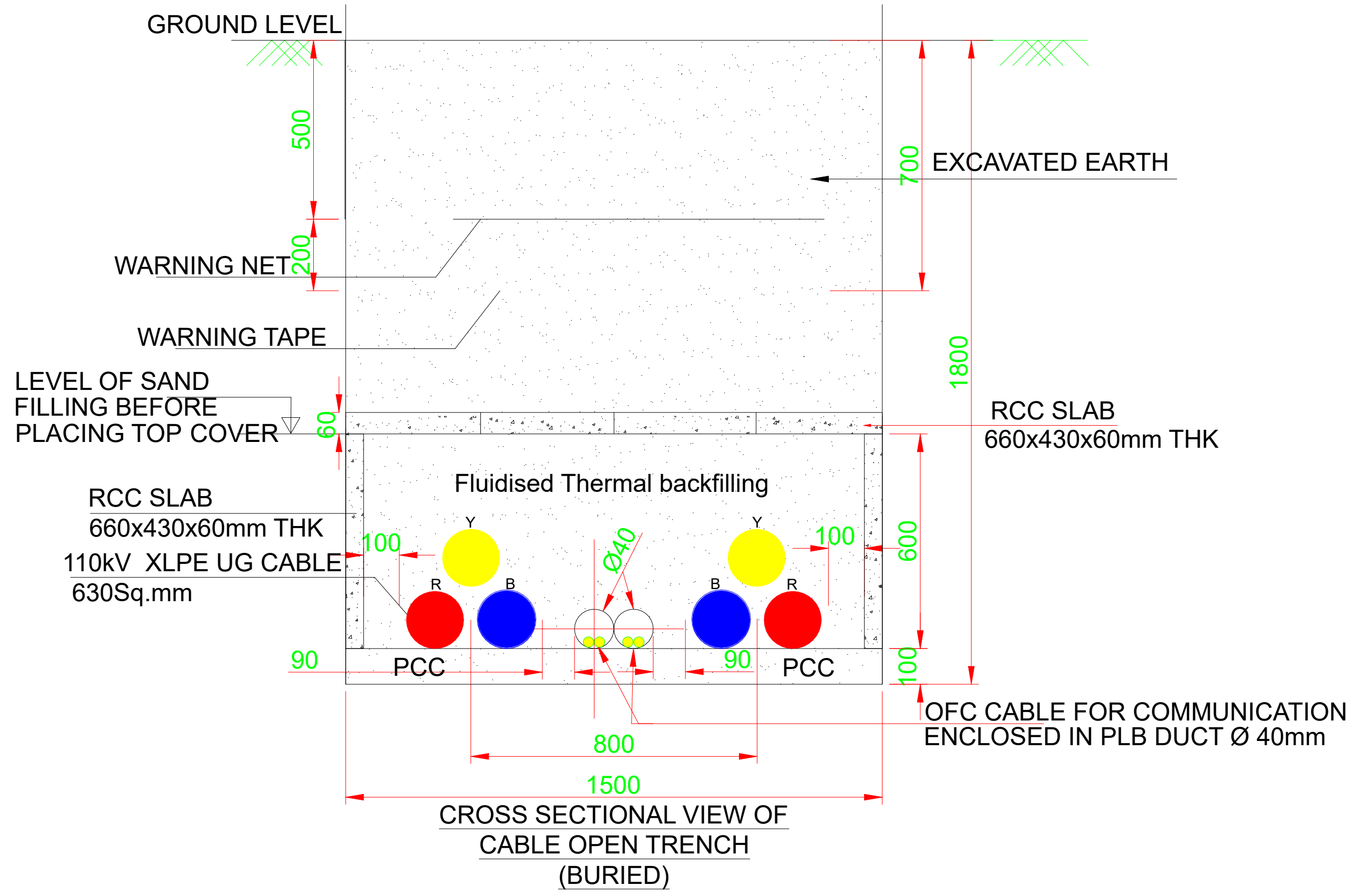
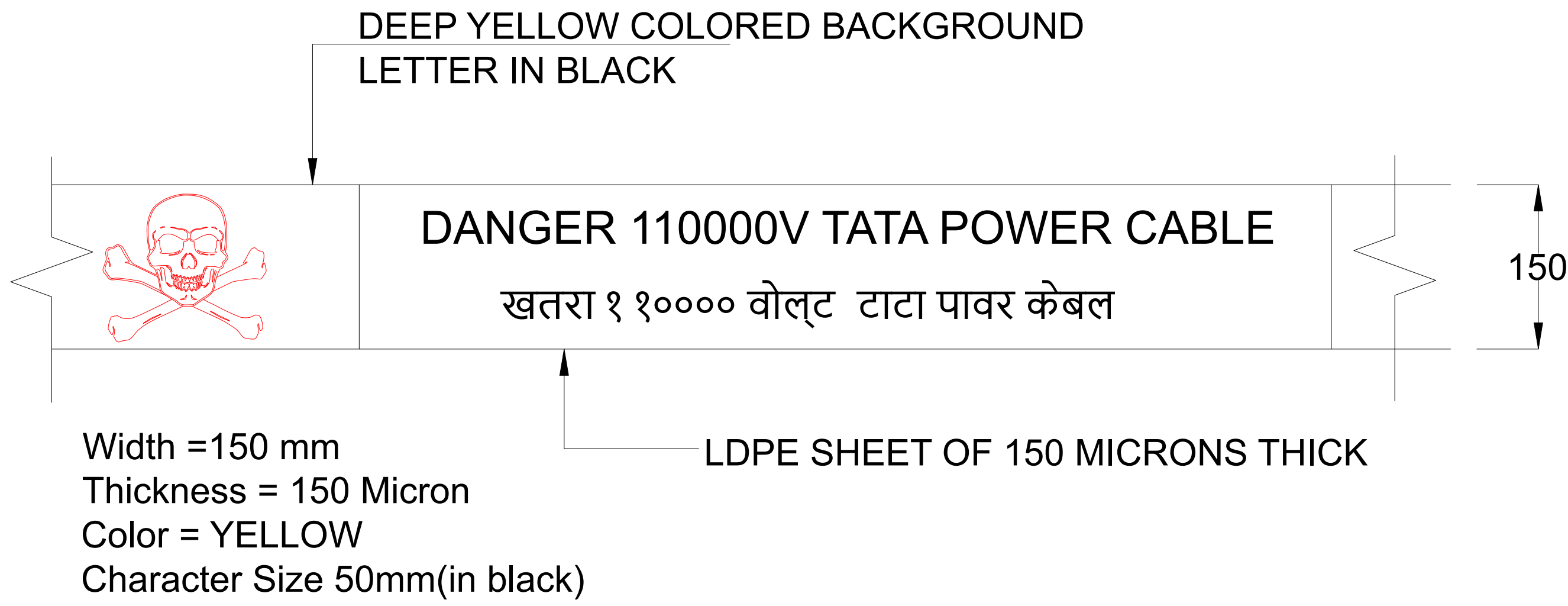
Cc: Director System, PIU, MMRDA

Siemens Limited
Management: Sunil Mathur
Mobility India; Management: Rajeev Joisar


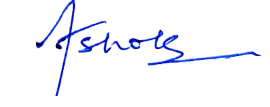
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Registered Office: Birla Aurora, Level 21, Plot No. 1080, Dr. Annie Besant Road, Worli, Mumbai – 400030; Corporate Identity number: L28920MH1957PLC010839;
Tel.: +91 (22) 6251 7000; Fax: +91 (22) 2436 2404; Contact / Email: www.siemens.co.in/contact; Website: www.siemens.co.in.
Sales Offices: Ahmedabad, Bengaluru, Chennai, Gurugram, Hyderabad, Kharghar, Kolkata, Mumbai, Nagpur, Kalwa, Puducherry, Pune, Vadodara.



- Notes :-
1. All dimensions are in mm.
 2. 110kV feeder cable each of 1Cx630 sqmm XLPE AL cable
 3. Top surface should be in white colour.
 4. All the reinforcement bars should be welded.
 - 5.Casting should be done in PVC Moulds.
 6. RCC Slab must be kept for 7 days for curing.
 7. Cable Duct chamber provided per every 50 meter for cable pulling.

REVISION PARTICULARS			<div>SIEMENS</div> <div>एन विसयन निगम लिमिटेड Rail Vikas Nigam Limited (A Government of India Enterprise)</div>				GENERAL CONSULTANT			MMRDA			REFERENCE DRAWINGS	
REV.	PARTICULARS	ISSUE DATE	PROCESS	NAME	DESIGNATION	SIGN	NAME	DESIGNATION	SIGN	NAME	DESIGNATION	SIGN	DRG. NO.	DESCRIPTION
			APPROVED BY	SUDHARSAN K	PROJECT MANAGER		VIJAY YADAV	DPD (SYSTEMS)		LAXMIPRASAD KHARAT	CHIEF ENGINEER (E)			
			REVIEWED BY	A. NAG BHOSHON RAO	DESIGN ENGINEER /POWER SUPPLY		ANKIT AGRAWAL	SR. TRACTION POWER EXPERT		MOHIT NAGAR	EXECUTIVE ENGINEER			
			CHECKED BY	ASHOK	DESIGN ENGINEER		BALAJI G	SR. T&C ENGG		DINESH PAWAR	DEPUTY ENGINEER			
			DRAWN BY	MOHD KAIF	ENGINEER									
			CONTRACTOR :										NAME OF PROJECT: CA NO. MMRDA/2B/MMRP/CA-40	
			CONSORTIUM OF SIEMENS LTD. & RAIL VIKAS NIGAM LTD.				Consortium of Ayesa-ITALFER-CEG-Ayesa India(AICA), MMRDA office Building, Building No. B1, 3RD Floor, Opp. to New Wadala Truck Terminal Police Station, Wadala East, Mumbai 400037 Phone: +91 22 42732500			<div>एन एम आर डी ए MMRDA</div> <div>MUMBAI Metro</div> <div>MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY (MMRDA)</div>			STATION: BKC RSS	
													NAME OF WORK: POWER SUPPLY & TRACTION	
													DRAWING TITLE: DEFINITIVE DESIGN	
													CROSS SECTION DRAWING FOR CABLE LAYING IN BURIED TRENCH- BKC RSS	
03	AS PER DISCUSSION WITH GC	09.06.2026											DRG. NO.	CA40-2B-CSR-PSY-DEG-DGA-0195
02	AS PER THE JOINT DISCUSSION WITH TATA DATED 15.05.26	02.06.2026											REV.	03
01	FOR APPROVAL	11.05.2026											DATE.	09.06.2026
													SCALE.	NTS
													SIZE.	A0
													SHEET NO	