 Indian Bank इलाहाबाद ALLAHABAD		Supply Installation, Testing And Commissioning Of 625 Kva Diesel Generator Sets Under Buyback Of Old Diesel Genset At Indian Bank's IMAGE Campus At MRC Nagar, Raja Annamalaipuram, Chennai - 600 028 Through GeM	
TENDER DATE	23.08.2023	LAST DATE OF TENDER SUBMISSION	21.09.2023
PRE-BID MEETING DATE	04.09.2023	PRE-BID CLARIFICATION DATE	04.09.2023

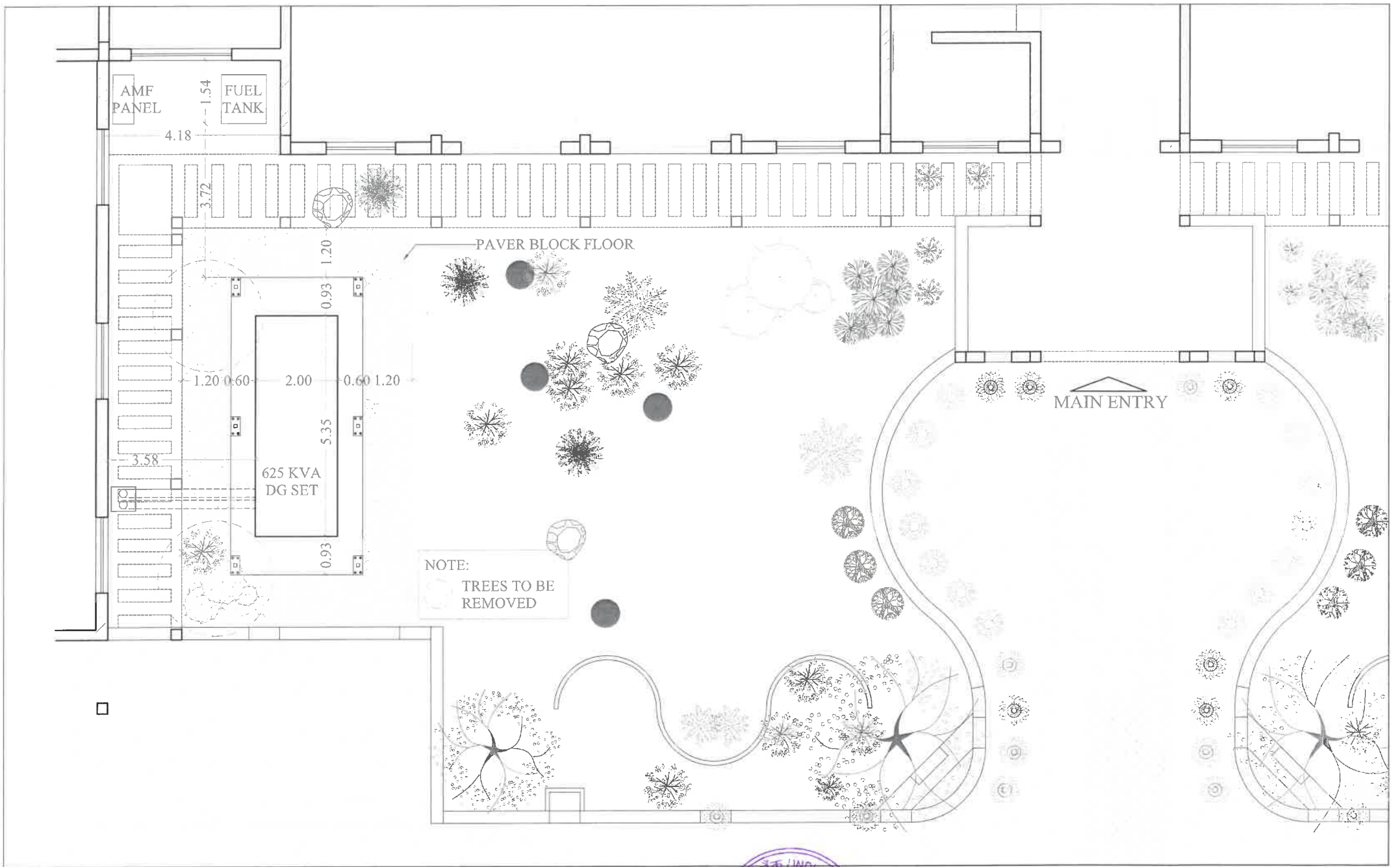
Sl.No	Description	Bidder Query	As per Tender (Technical Bid)			Bank's Reply
			Clause	Page	Description	
1	Measurements	Distance between AMF panel to DG SET	Sl, no-7 in price bid	4 of 6	AMF Panel: Supply, installation, testing and commissioning of Outdoor type Automatic mains failure (AMF) control Panel suitable for 625kVA silent type DG set with bypass facility fabricated out of 2mm thick CRCA sheet finishing with 7 tank process, with bottom/top entry for the cable with Suitable aluminium bus bars complete with the following including connections control cabler between DG set & AMF Panel with suitable size muticore copper conductor armoured cable etc as required. It shall be provided with 1000A TPN ACB with U/V coil and thermal magnetic release, variable settings, current transformers with suitable ratio for metering and protection, earth fault relay, square digital type ammeter (0 – 600A), square digital type voltmeter (0 - 600V), digital type frequency meter, KWH meter, indicating lamps, fuses, etc. The panel shall be equipped with tinned copper bus bars of suitable size, duly provided with heat shrink PVC sleeves mounted on suitable support insulators. Separate bus bars for incoming and outgoing with cable entry at bottom of panel with removable gland plate separately for incoming and outgoing cables, panel lifting hooks, base frame etc.	Distance between AMF panel to DG SET shall be within 15mts, Place shown in the drawing- no DWG-01-REV-01

Drawings are Annexed



Sl. No	Description	Bidder Query	As per Tender (Technical Bid)			Bank's Reply
			Clause	Page	Description	
2	Height of exhaust	Exhaust height 1.5mts above the building height	Sl, no-3 in price bid	4 of 6	EXHAUST PIPE: Supplying and fixing exhaust gas piping made up of suitable diameter (As per OEM standards) 'B' class MS black pipe conforming to IS: 3589 including accessories like bends, reducer at silencer end and clamps, anti-vibration mountings, bellows, insulation of exhaust system with mineral wool of suitable thick (density 120 kg/m3), wrapped in wire mesh & cladding with 0.8mm aluminum sheet etc. as required as per specifications for the 625kVA DG set including scaffolding etc. as required. (The item shall be measured on linear basis per circuit of exhaust piping from outlet of silencer to end of exhaust piping. The measurement of exhaust piping shall start one feet away from the silencer outlet). The exhaust pipe shall be supported to wall of adjacent building with suitable channel/angle iron brackets. The cost includes necessary support MS structure for exhaust pipe	Nearby building having ground + three floors. Above the terrace 3mts have to provide. Shown in the drawing no- DWG-03-REV-01
3	Total height of exhaust	20mts including the height of the building	Sl, no-3 in price bid	4 of 6	Same as above	As per site condition height shall be within 20mts. Shown in the drawing no- DWG-03-REV-01
4	Size of the exhaust gas Pipe	Diameter of the exhaust gas pipe	Sl, no-3 in price bid	4 of 6	Same as above	As per OEM standards as mentioned in price bid
5	Scope of power cables	Power cable and control cables	Sl, no-4 in technical bid	57 of 71	Power Cable laying works and termination of above power cables in the Generator set / AMF Panel / 415V Main Power Panel as required will not be under this contract.	As per tender technical bid (BRIEF SCOPE OF WORK)
6	Battery capacity	200AHU given but required is 180AHU	Sl, no-1 in price bid	3 of 6	g)Starting System: 24V DC Starting system comprising of starter motors: voltage regulator and arrangement for initial excitation complete with suitable nos. of batteries (2 Nos 25 plates, 200 AH capacity lead acid type) as required as per specifications & manufacturers standard i/c Connecting cable between Starter motor and batteries. The batteries shall be mounted on 0.5' thick hylam sheet base with suitable angle iron frame work support on the floor	"As per specifications & manufacturers standard" as mentioned in the technical bid





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PROJECT NAME:
DG SET ARRANGEMENTS

CLIENT NAME:
INDIAN BANK IMAGE CAMPUS

PLACE OF THE PROJECT:
RAJA ANNAMALAIPURAM CHENNAI.



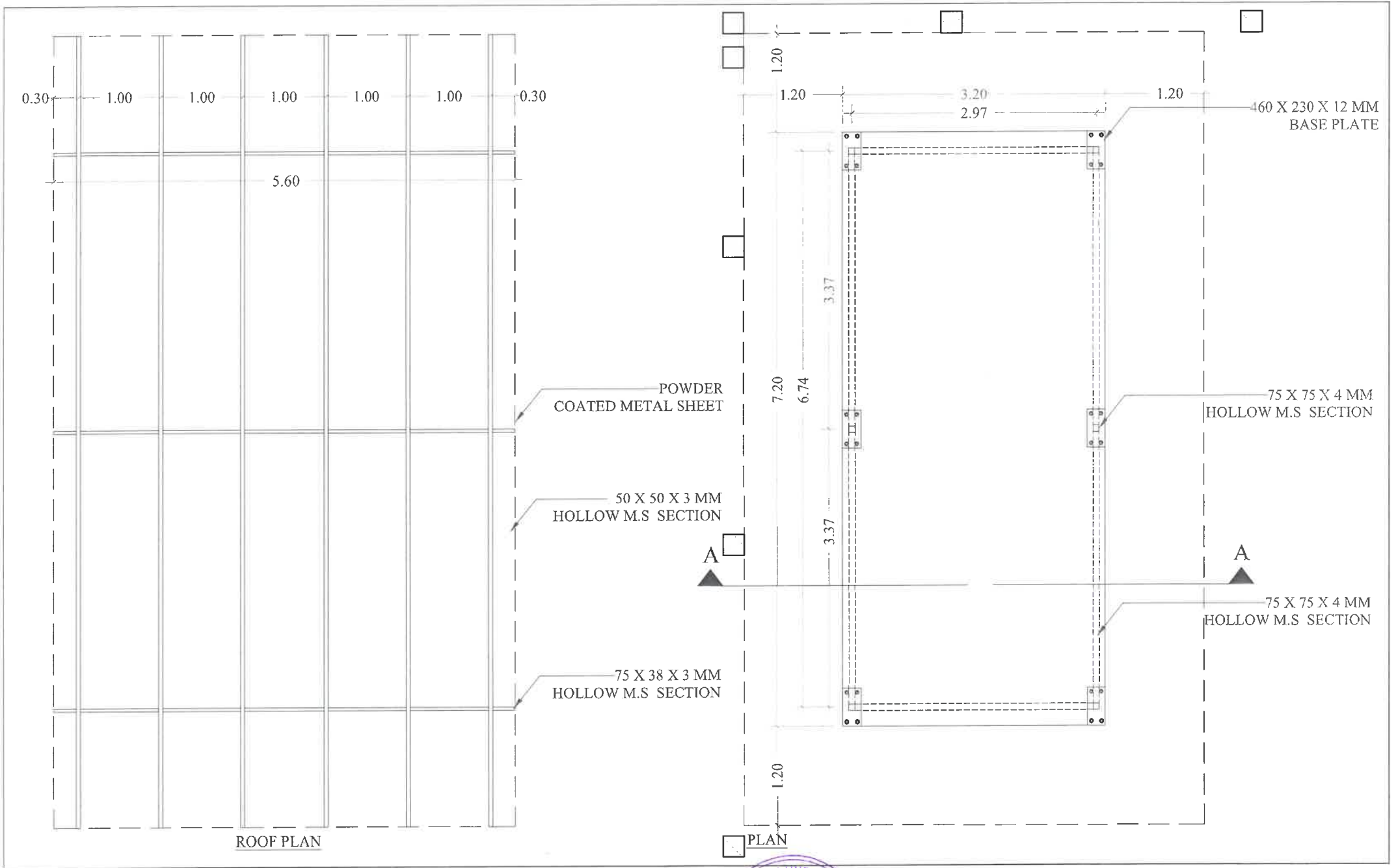
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625K DG SET**

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SCALE : 1=100
DATE : 12-09-2023
DRN BY:
DRG NO: DWG-01-REV-01
JOB NO: REVISION-1
CHK BY: R.KANNAN

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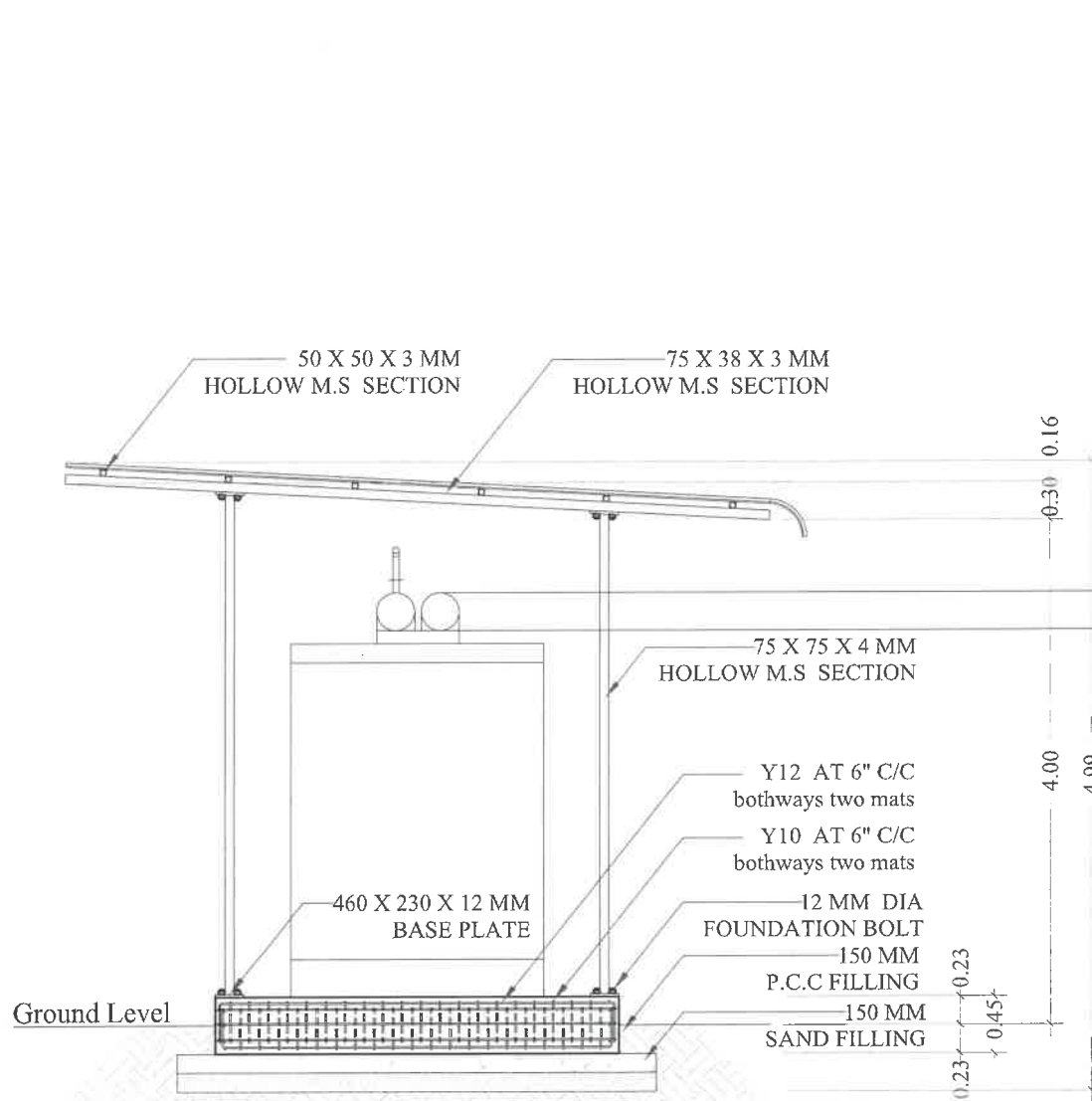
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SHED FOR
625K DG SET**

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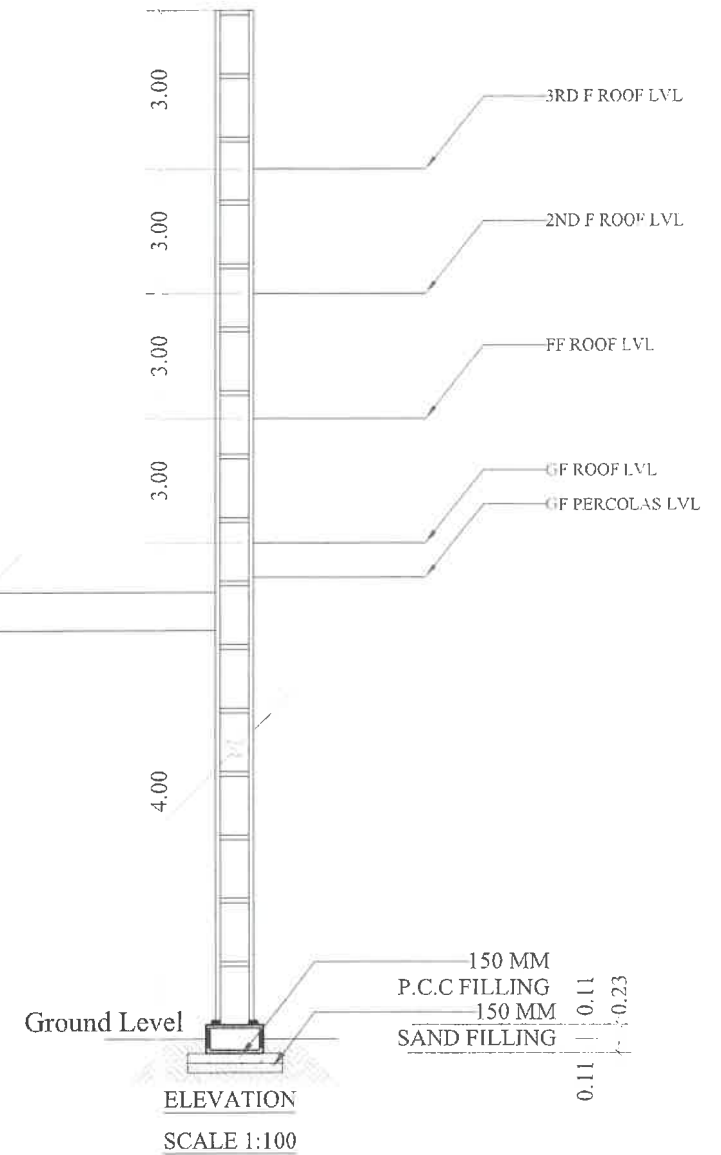
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DRN BY:
DRG NO: DWG-02-REV-01
JOB NO: REVISION-1
CHK BY: R.KANNAN

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TRUSS SECTION-AA' DETAIL

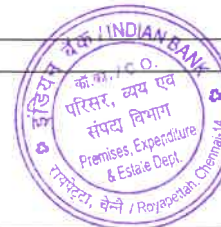


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