

## Scope of Work

01. Civil Repair work of Generator foundation (Size 16x9x1.5 feet)
02. Installation of Six (06) J-Bolts as per drawing
03. Cutting , welding and modification of inlet /outlet piping of main circulating water pump (4" dia)
04. Cutting ,welding and modification of inlet /outlet piping of auxiliary circulating water pump (4" dia)
05. Cutting and welding of gas fuel line (2" dia)
06. Dis-assembly and re-installation of exhaust silencer
07. Relocation of Gas Generator
07. Fitting of all mechanical pipes (Water, Gas, Exhaust etc)
08. Construction of new RCC cable trench (Size 5x1.5x3) with checker plate cover
09. Construction of two civil foundation s for 02 pump motors and pipe supports.

  
**AFTAB RAHIM**  
**DCE (COMPRESSION)**  
**SSGCL KT KARACHI**

  
Zubair Ahmed Shaikh  
Chief Engineer (Compression)  
Sui Southern Gas Co. Ltd.  
Karachi Terminal

## SUI SOUTHERN GAS COMPANY LIMITED

### CIVIL REPAIR WORK OF GENERATOR FOUNDATION AT HQ-3 HYDERABAD

### BILL OF QUANTITIES.

S/No.	Description	Cost (Rupees)
01.	Civil Repair work of Generator foundation (Size 16x9x0.75 feet), which includes. <ul style="list-style-type: none"><li>• Foundation drilling</li><li>• Use of CC Block 1:3:6 Ratio</li><li>• Installation of 06 J-Bolts (19"x18")</li><li>• CC foundation for J-Bolts</li><li>• Epoxy filling</li><li>• Installation of Six (06) new vibration pads</li></ul>	
02.	Cutting , welding and modification of inlet /outlet piping of main circulating water pump (4" dia)	
03.	Cutting , welding and modification of inlet /outlet piping of auxiliary circulating water pump (4" dia)	
04.	Cutting ,welding and modification of gas fuel line (2" dia)	
05.	Dis-assembly and re-installation of exhaust silencer	
06.	Relocation of Generator	
07.	Construction of new RCC cable trench (5x1.5x3 feet) with checker plate cover	
08.	Construction of foundation s for 02 pump motors and pipe supports	
	Total:	



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## Special Terms & Conditions

### REPAIR /RE-WORK OF GENSET FOUNDATION AT HQ-3 HYDERABAD

1. All work shall be carried out as per specification and time line.
2. Contractor will be responsible for safe dismantling and re-installation.
3. Rework of foundation includes removal of debris.
4. Excavation of foundation as per drawing.
5. Contractor will ensure the level of foundation with reference to piping.
6. Contractor will carry out and complete the civil work and mechanical work as per Genset foundation dimensions.
7. Contractor will arrange all labor and material for civil work and rigging arrangement for Genset removal and installation.
8. Company will provide crane for shifting of Generator
9. Pipe (Dia 2" & 4") will be provided for water line and gas line modification as per requirement.
10. Contractor will arrange Mob / De-Mob and travelling to site
11. PBG : 5 %
12. Work Completion period: 60 days.

  
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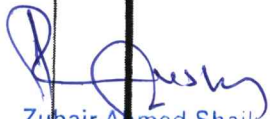
  
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# Proposed J Bolt Foundation for Genset on CAT Foundation.

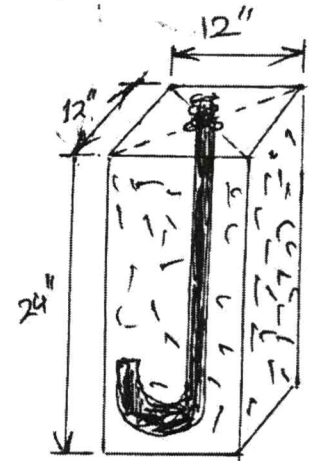
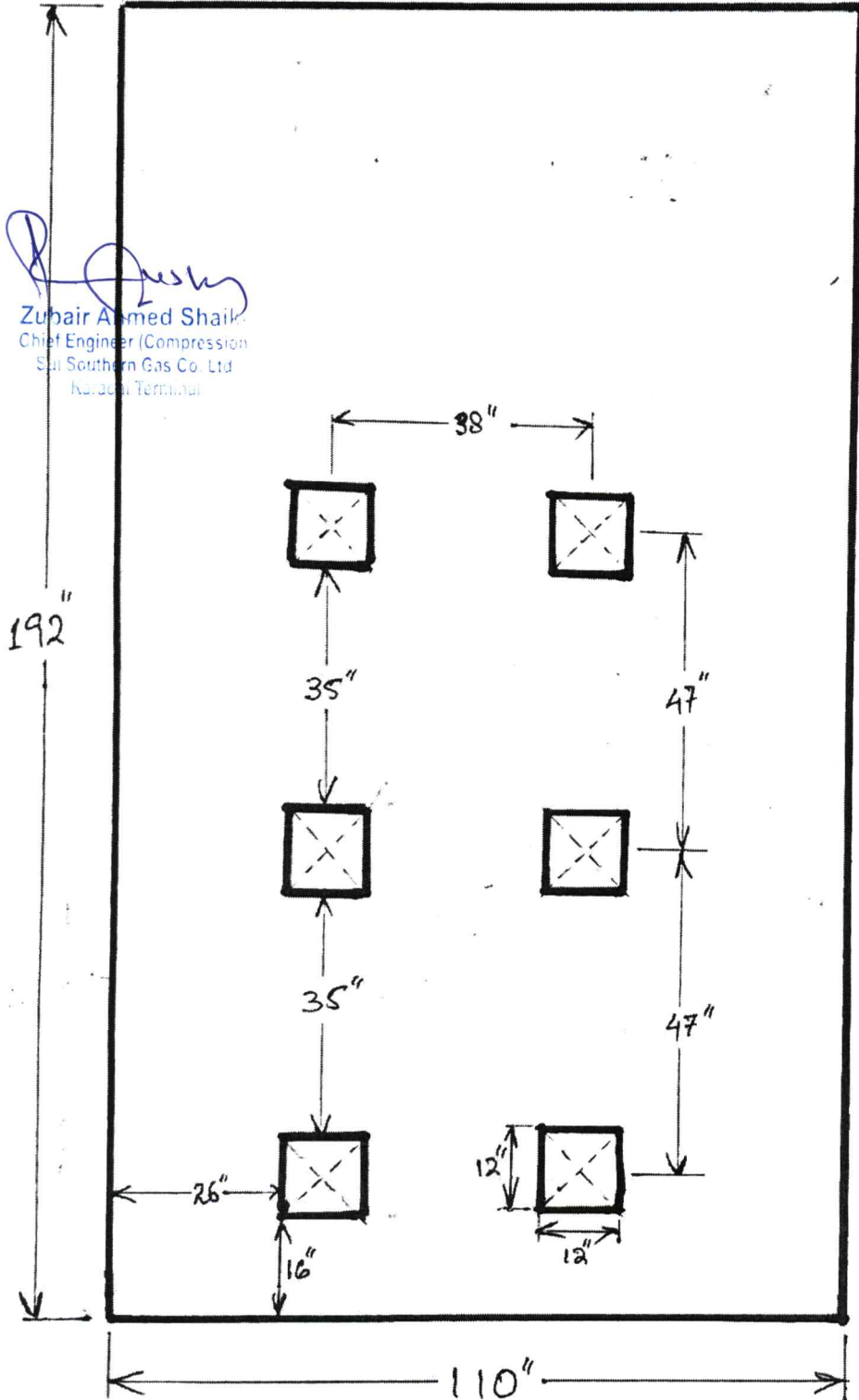
29-04-2026



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## J-BOLT FOUNDATION

Length = 12"

Width = 12"

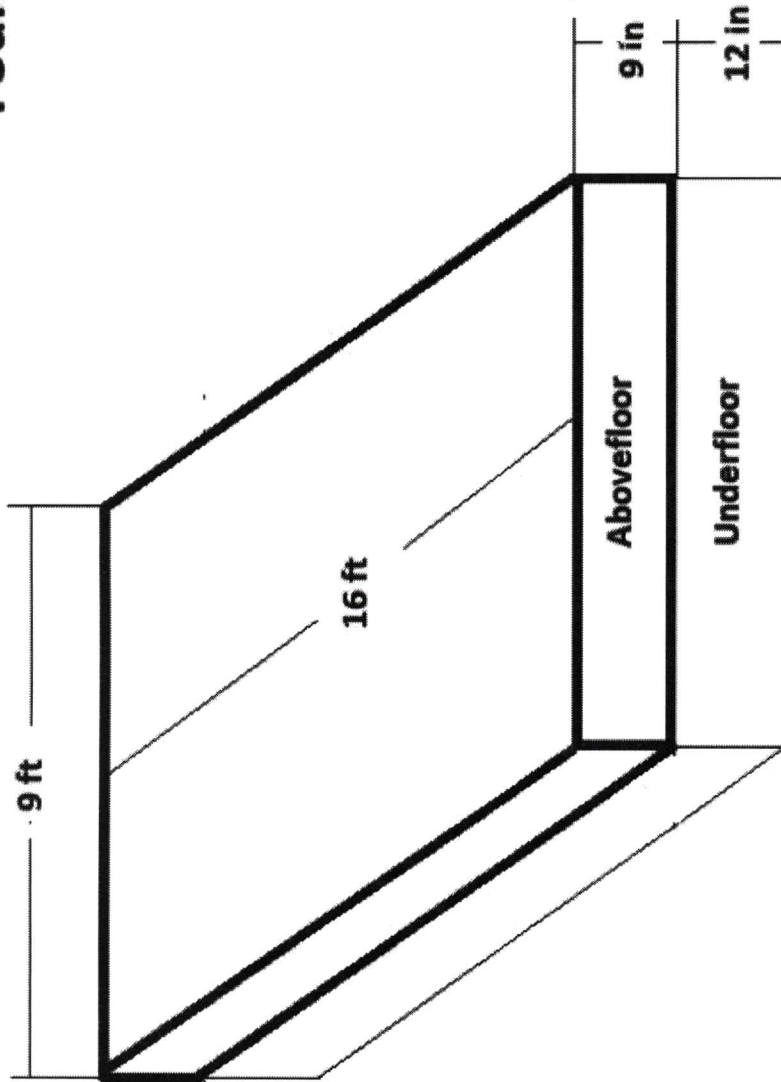
Depth = 24"

Length of J-Bolt = 24"

(J-Bolts bonding with grouting material with proper concrete ratio)

Total nos. of J-Bolt foundation : 06

# Dimensions of CAT 2 Genset Foundation



  
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