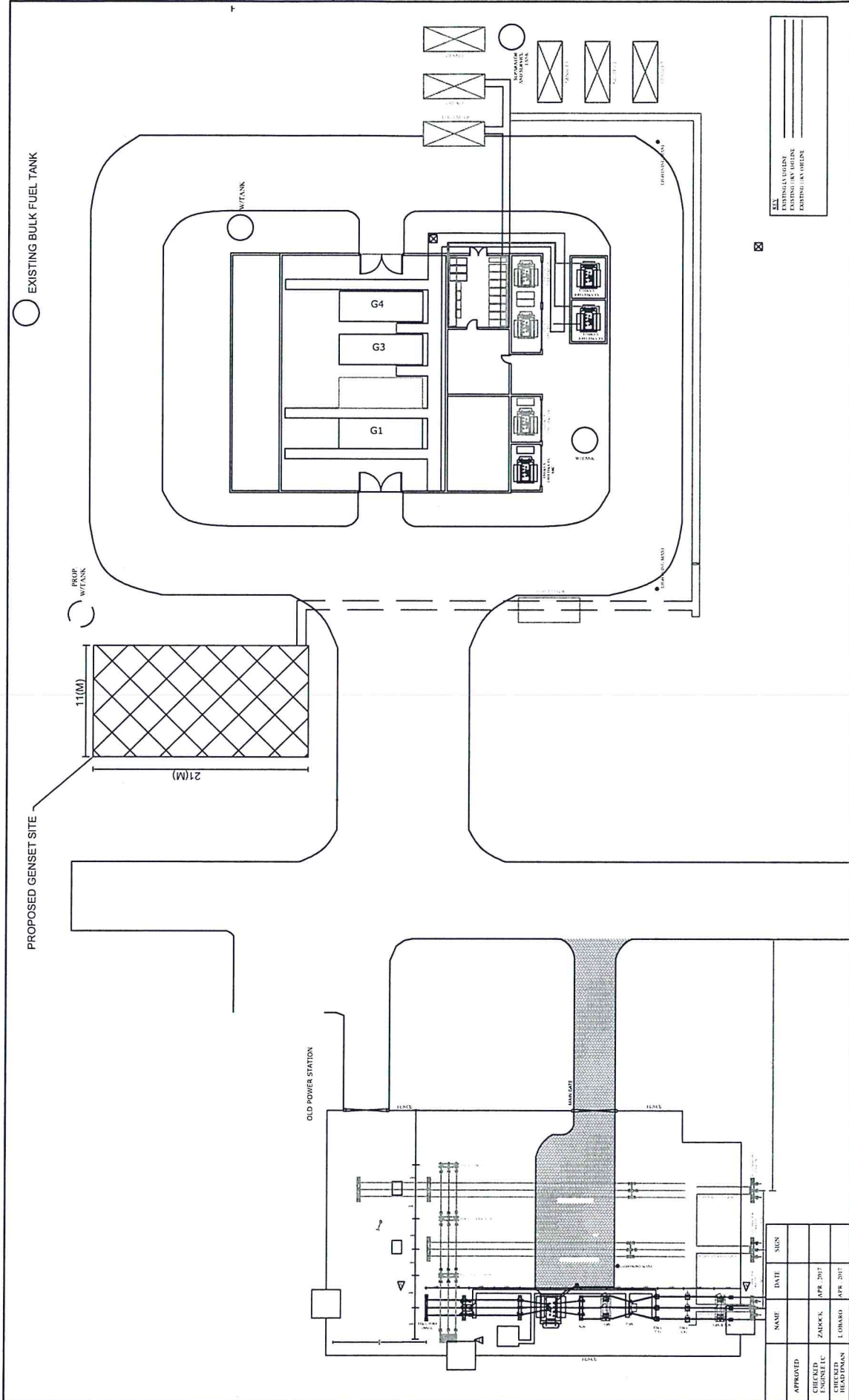


# ANNEX 1



| APPROVED    | DATE     | SIGN     | REVISION | DATE | CHECKED | DATE |
|-------------|----------|----------|----------|------|---------|------|
| DESIGNED    | APR 2017 | ZAKACK   | 1        |      |         |      |
| CHECKED     | APR 2017 | L OMBAGO | 2        |      |         |      |
| CHECKED     | APR 2017 | DUNDIS   | 3        |      |         |      |
| DRAWN BY    | APR 2017 | DUNDIS   | 4        |      |         |      |
| SURVEYED BY |          |          | 5        |      |         |      |

**KENYA POWER**

SK. NO.08163/F

## WAJIR POWER STATION - SITE PLAN

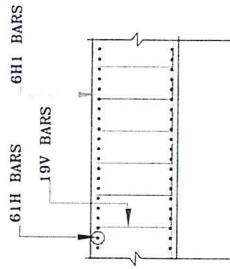
SCALE 1:1000

# ANNEX 3 - TYPICAL GENERATOR FOUNDATION

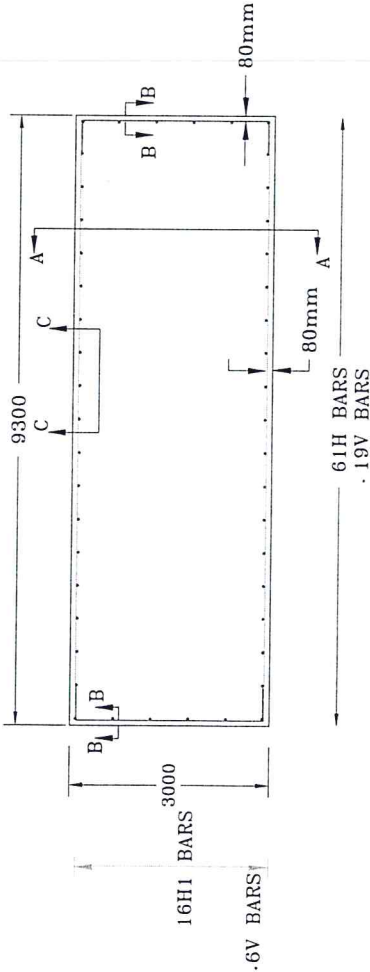
| BAR NO. | SIZE       | LENGTH   | SHAPE   |
|---------|------------|----------|---------|
| H       | 134 19MMMS | 3840MMMS | [Shape] |
| H1      | 12 19MMMS  | 3140MMMS | [Shape] |
| V       | 46 19MMMS  | 1340MMMS | [Shape] |

### GENERAL NOTES

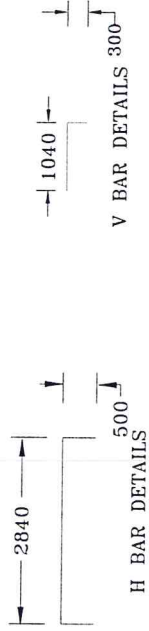
- 1- DESIGN BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF
- 2- ALL FOOTING EXCAVATIONS SHALL BE CLEAN AND FREE OF DEBRIS, STANDING WATER AND LOOSE SOIL PRIOR TO PLACEMENT OF CONCRETE.
- 3- ALL REINFORCEMENT BARS SHALL CONFORM TO ASTM-A615 GRADE 60 OR METRIC EQUIVALENT AND FABRICATED IN ACCORDANCE WITH 1980 ACI MANUAL OF STANDARDS PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES ALL REINFORCEMENT BARS SHALL BE CLEAN AND FREE OF GREASE AND SCALING RUST. USE CHLORS TO SUPPORT REINFORCEMENT BARS
- 4- FOUNDATION STRENGTH REQUIREMENTS WILL VARY DEPENDING UPON SITE CONDITIONS AND REQUIREMENTS. SUGGESTED CONCRETE MIXTURE BY VOLUME IS 1 : 2 : 3 OF CEMENT SAND AND AGGREGATE WITH MAX 102 MM ( 4 IN ) SUMP. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI OR METRIC EQUIVALENT. NET WEIGHT OF GENERATOR = 40 TONS



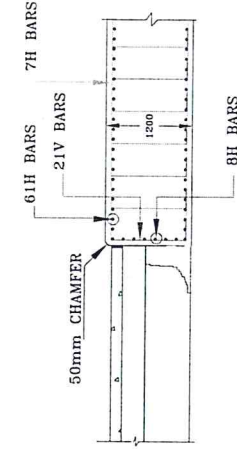
SECTION C-C



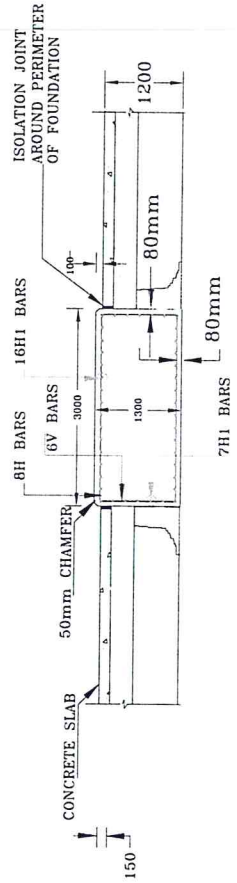
FOUNDATION PLAN - ONE GENERATOR



H BAR DETAILS



SECTION B-B



SECTION A-A

FOR REFERENCE: SEE PROJECT MANUAL FOR THE LATEST REVISIONS TO THE SPECIFICATIONS AND DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.

|      |             |    |         |
|------|-------------|----|---------|
| DATE | DESCRIPTION | BY | CHECKED |
|      |             |    |         |
|      |             |    |         |
|      |             |    |         |

# ANNEX 2 - TYPICAL GENERATOR ELEVATION

