

Verify All Dimensions Prior to Construction - Do not scale

PLANT NORTH



VENTURI

SPRAY WASH AREA

N 269.418
E 300.851
INSIDE
COOLING TOWER
BASIN WALL

NO 2 UNIT
NO 1 UNIT

NO 3 UNIT COOLING TOWER

EXISTING COOLING TOWERS

POTABLE
WATER
TREATMENT
PLANT

N 269.418
E 284.392
INSIDE
COOLING TOWER
BASIN WALL

SCREEN
WASHDOWN
APRON

HOT WATER PIPE

COLD WATER PIPE

TO CONDENSATE
INJECTION

HOT WELL
PUMPS

REINJECTION
PUMPS

STEAM
SCRUBBER

SLOPE 10%

NOTES:

1. MAIN FLOOR OF TURBINE HALL IS ELEVATION 2005.10M ABOVE MEAN SEA LEVEL (MSL).
2. BOTTOM OF ELECTRICAL TRENCHES ELEVATIONS REFER TO ELECTRICAL DRAWINGS.
3. CABLE TRAY NOT SHOWN FOR CLARITY.
4. W.P.#5 = WORK POINT #5 CENTERLINES OF TURBINE EXHAUST/CONDENSER UNIT 3 E 230.623, N 285.243




N 141.025
E 256.133
EL 2009.076
900-MS-0-46003-S2-IN
TIE IN

N 141.025
E 243.362
EL 2008.720
200-MS-0-46006-S1-IN
TIE IN

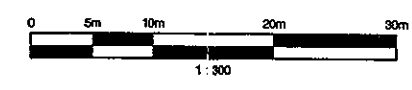
12/30/2008
 db-lades
 \nboi\pds\pdsadm\113004\dwg\Mechanical\55okm1_1.dgn

DISC	DATE	BY	CHK	APP	REV
DEL	29/11/07	STR	MAC	KPR	1
INT	29/11/07	STR	MAC	KPR	2
INT	29/11/07	STR	MAC	KPR	3
INT	29/11/07	STR	MAC	KPR	4
INT	29/11/07	STR	MAC	KPR	5
INT	29/11/07	STR	MAC	KPR	6
INT	29/11/07	STR	MAC	KPR	7
INT	29/11/07	STR	MAC	KPR	8
INT	29/11/07	STR	MAC	KPR	9
INT	29/11/07	STR	MAC	KPR	10
INT	29/11/07	STR	MAC	KPR	11
INT	29/11/07	STR	MAC	KPR	12
INT	29/11/07	STR	MAC	KPR	13
INT	29/11/07	STR	MAC	KPR	14
INT	29/11/07	STR	MAC	KPR	15
INT	29/11/07	STR	MAC	KPR	16
INT	29/11/07	STR	MAC	KPR	17
INT	29/11/07	STR	MAC	KPR	18
INT	29/11/07	STR	MAC	KPR	19
INT	29/11/07	STR	MAC	KPR	20

THIS DRAWING WAS PREPARED BY POWER ENGINEERS, INC. FOR A SPECIFIC PROJECT. TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY INFORMATION IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH POWER AND POWER'S CLIENT IS OBTAINED.

0	ISSUED FOR CONSTRUCTION	AED	KPR	TDD	30/DEC/08
Rev	Reason	By	Chk	App.	Date
Client					
 The Kenya Electricity Generating Company Ltd. Stima Plaza Phase 3 Kolobot Road, Parklands P.O. Box 47936-00100 Nairobi, KENYA Phone: +254-20-3666000 Fax: +254-20-3666565					
Project Document No. PEI-ME-SI-ACT-001					
Consultants					
 The copyright and information contained in this document are the copyright of SKM. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of SKM.					
Sub-Consultants					
Howard Humphreys (EA) Ltd Consulting Engineers.					
Contractor					
MITSUBISHI HEAVY INDUSTRIES, LTD.					
ORDER					
ITEM					
MITSUBISHI ELECTRIC CORPORATION ENERGY AND INDUSTRIAL SYSTEMS CENTER					
					
Scale	1:300	Designed:	AED	Checked:	KPR
		Drawn:	AED	Approved:	TDD
Job					
OLKARIA II UNIT 3 EXTENSION GEOTHERMAL POWER PROJECT					
Title					
NO 3 UNIT GENERAL ARRANGEMENT PLAN VIEW					
Drg. No. W1-1					
Rev					

FL 1 FL 5 FL 4 FL 3



27

41 (5342641)