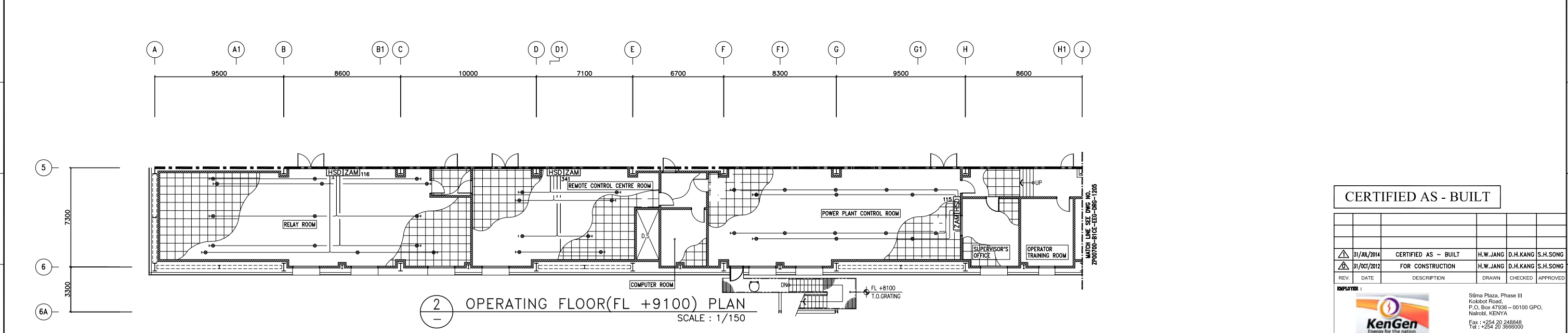


1 GROUND FLOOR PLAN
SCALE : 1/150



2 OPERATING FLOOR (FL +9100) PLAN
SCALE : 1/150

CERTIFIED AS - BUILT

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
1	31/AUG/2014	CERTIFIED AS - BUILT	H.W.JANG	D.H.KANG	S.H.SONG
2	31/OCT/2012	FOR CONSTRUCTION	H.W.JANG	D.H.KANG	S.H.SONG

EMPLOYER :
 Stima Plaza, Phase III
 Kokobot Road,
 P.O. Box 47936 - 00100 GPO,
 Nairobi, KENYA
 Fax : +254 20 248848
 Tel : +254 20 3666000

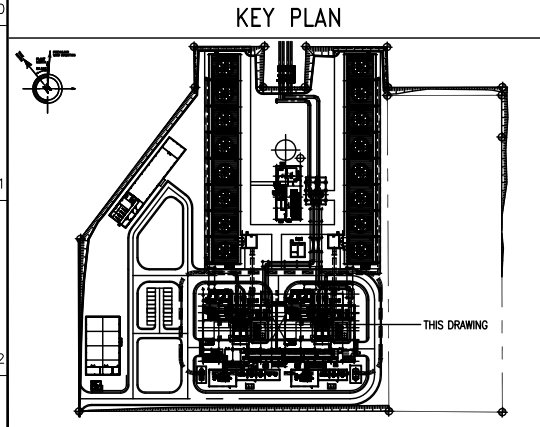
CONSULTANT :
 Sinclair Knight Merz Ltd
 Carlaw Park Commercial,
 12-16 Nicholls Lane, Parnell, Auckland,
 NEW ZEALAND
 Tel : +64 9 928 5500
 Fax : +64 9 928 5501

EPC CONTRACTOR :
 
 Hyundai Engineering Co., Ltd.
 Hyundai 41 Tower, Mok 1-dong, Yangcheon-gu,
 Seoul, KOREA
 Tel : +82 2 2166 8573
 Fax : +82 2 2643 0773
 Toyota Tsusho Corporation
 3-13, Konan 2-chome, Minato-ku,
 Tokyo, JAPAN
 Tel : +81 3 4306 3200
 Fax : +81 3 4306 8908

PROJECT :
 OLKARIA I ADDITIONAL UNITS GEOTHERMAL POWER PLANT

DRAWN BY	DATE	TITLE
H.W.JANG	27/AUG/2014	FIRE ALARM AND DETECTION SYSTEM LAYOUT FOR VESDA PLAN
H.W.JANG	25/AUG/2014	
D.H.KANG	25/AUG/2014	
S.H.SONG	27/AUG/2014	

DRAWING NUMBER: ZP00700-B1CE-EEG-DRG-1218
REV.: 1



- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETERS.
 - PLANT DATUM LEVEL EL +1998.400 m = GL ±0.000
 FL ±0.000 = GL +300(mm)
 - : VESDA AIR SAMPLING CONDUIT(25mm)
 - : NETWORK SIGNAL FR-CW S 1Pr - 1.5mm²
 : DC POWER HFIX 2.5mm²- 2C
 - EX : EXPLOSION PROOF TYPE
 - WP : WEATHER PROOF TYPE

- FIRE ALARM EQUIPMENT LIST**
- ⊙ VESDA MINATURE SAMPLING POINT : 169
 - VESDA AIR SAMPLING CONDUIT END CAP : 31
 - HSD VESDA DETECTOR SYSTEM (HIGH SENSITIVITY DETECTION) : 6
 - ZAM ZONE ADDRESSABLE MODULE BOX : 6

- REFERENCE DRAWINGS**
- ZP00700-B1CE-EEG-DRG-1201 - SYMBOL & LEGEND FOR FIRE ALARM AND DETECTION SYSTEM
 - ZP00700-B1CE-EEG-DRG-1203 - INSTALLATION DETAIL FOR FIRE ALARM AND DETECTION LAYOUT (1)
 - ZP00700-B1CE-EEG-DRG-1203 - INSTALLATION DETAIL FOR FIRE ALARM AND DETECTION LAYOUT (2)
 - ZP00700-B1CE-EEG-DRG-1204 - FIRE ALARM AND DETECTION SYSTEM RISER DIAGRAM