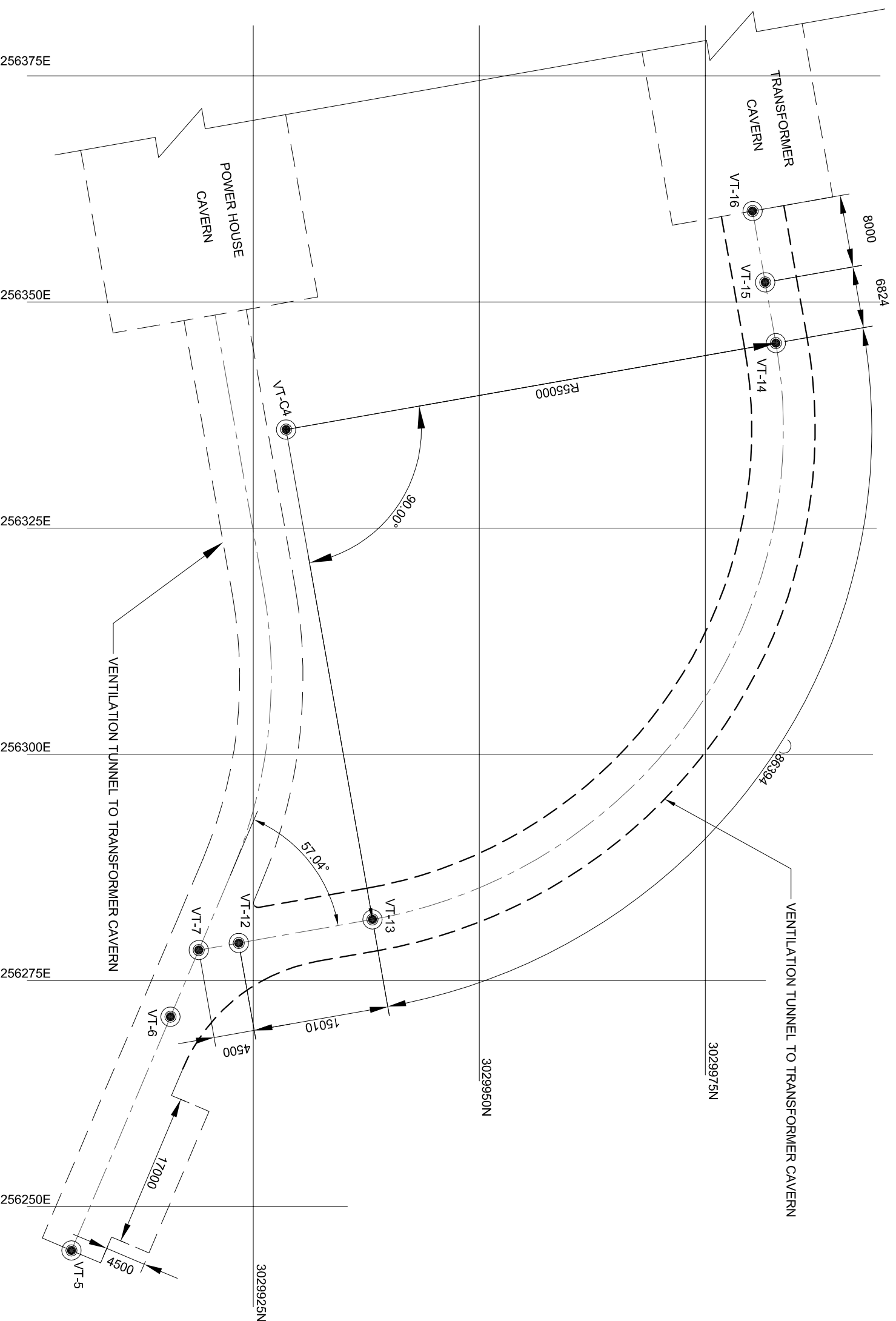
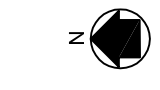
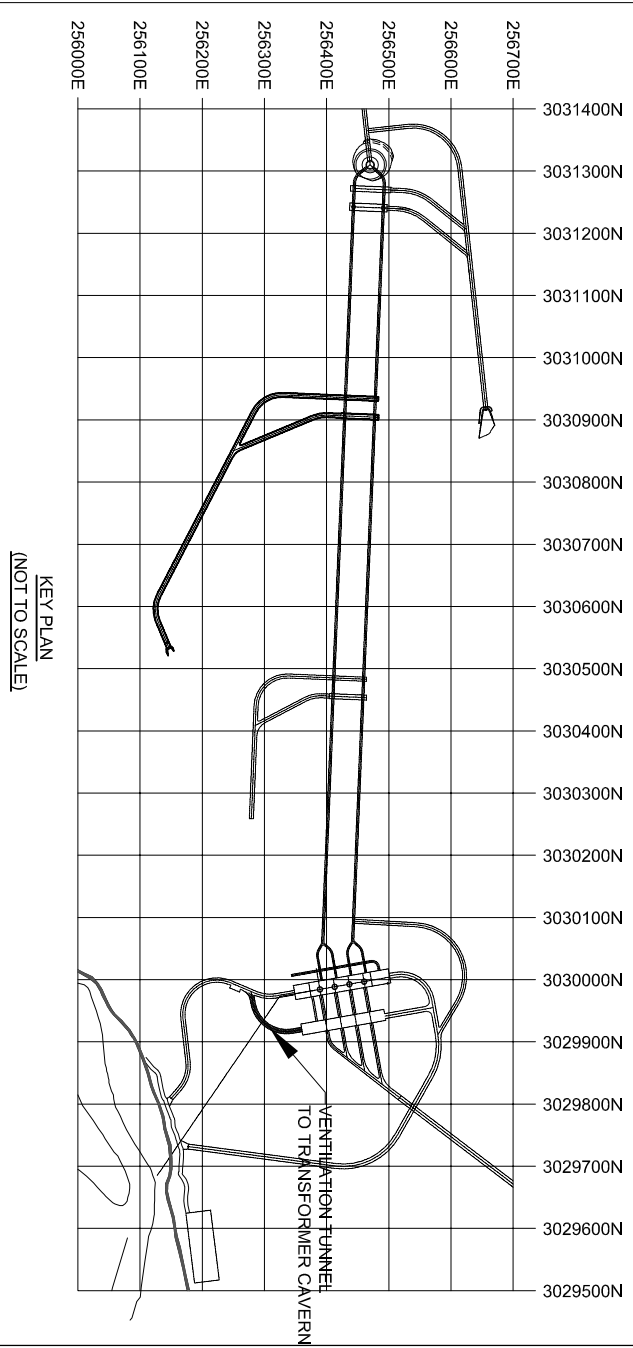


NSL	1232.47	1226.80	1222.37	1184.53	1183.50
TUNNEL INVERT LEVEL	1050.000	1050.000	1050.054	1050.742	1050.862
CUMULATIVE LENGTH	120728	112728	105904	19510	4500
PARTIAL LENGTH	8000	6824	86394	15010	4500
SLOPE	1 IN 125.555				
CURVE DATA	R = 55 M				



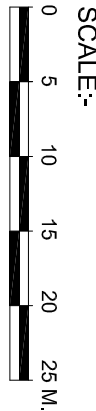
POINTS	NORTHING	EASTING	INVERT ELEVATION
VT-5	3029995.104	256245.143	1053.547
VT-6	3029984.154	256270.987	1050.862
VT-7	3029976.602	256279.135	1050.862
VT-12	3029977.095	256279.048	1050.862
VT-13	3029961.821	256281.741	1050.742
VT-C4	3029971.371	256335.906	--
VT-14	3029917.207	256345.456	1050.054
VT-15	3029918.392	256352.177	1050.000
VT-16	3029919.781	256360.056	1050.000

CO-ORDINATES

- NOTES :-
- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS IN METERS.
 - THIS DRAWING HAS BEEN DEVELOPED BASED ON DFR LEVEL SURVEY (REFER MHPA LETTER NO. 2MD/MHPA/CONSULTANCY/2012/688 DATED - 18 APRIL, 2012).

REFERENCE DRAWINGS :-

- NHNM-4CC3-41-DD-002.



DATE	01.06.2012	NO.	00	ISSUED FOR CONSTRUCTION	BY	CH. APF
DATE		NO.		REVISION OR ISSUES	BY	CH. APF



MANGCCHU HYDROELECTRIC PROJECT AUTHORITY
THIMPHU BHUTAN



ལྷན་པུན་གྱི་ལྷན་ཁོག་པོ་ལྷན་ཁོག་
MHPA Limited
(A PRIVATE COMPANY LIMITED)
ལྷན་ཁོག་པོ་ལྷན་ཁོག་



འབྲུག་རྒྱལ་ཁབ་གཞིར་
འབྲུག་རྒྱལ་ཁབ་གཞིར་
འབྲུག་རྒྱལ་ཁབ་གཞིར་

MANGCCHU H.E PROJECT (BHUTAN)

POWER HOUSE

VENTILATION TUNNEL TO TRANSFORMER CAVERN

SETTING OUT DETAILS