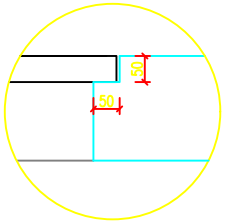
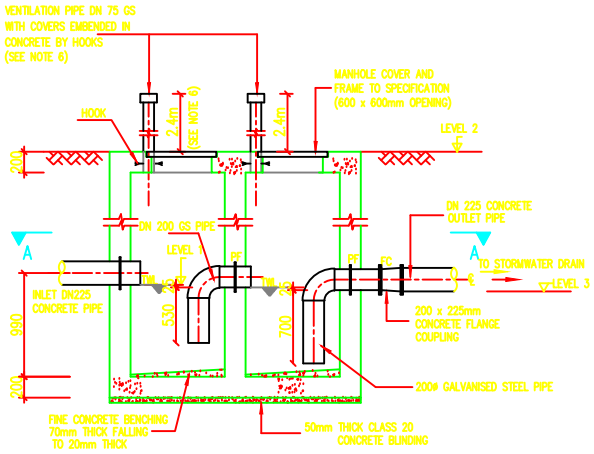
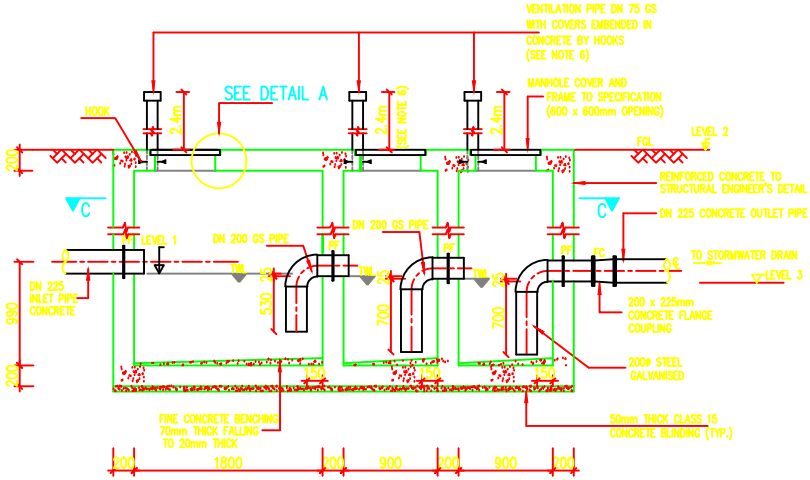
Verify all dimensions prior to construction – Do not scale



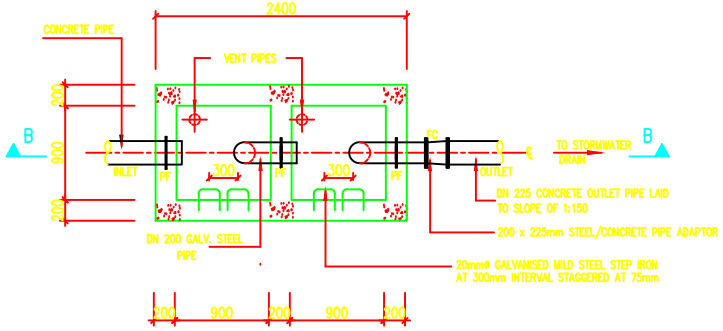
DETAIL A
SCALE 1:10



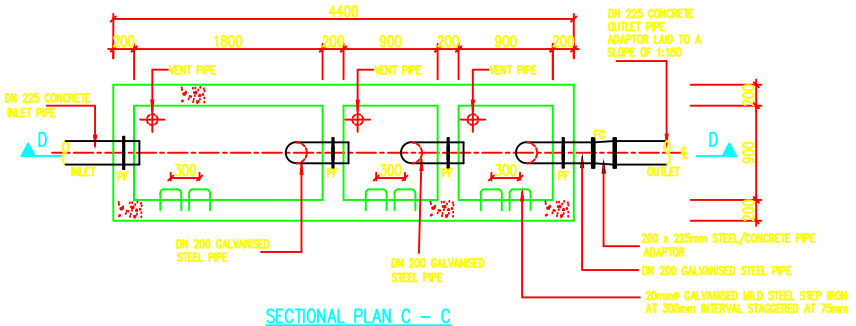
SECTION B – B
SCALE 1:50



SECTION D – D
SCALE 1:50



SECTIONAL PLAN A – A
TWO CHAMBER OIL INTERCEPTOR
SCALE 1:50



SECTIONAL PLAN C – C
THREE CHAMBER OIL INTERCEPTOR
SCALE 1:50

	LOCATION OF INTERCEPTOR		
	OLKARIA SUBSTATION (THREE CHAMBER)	NAIROBI NORTH SUBSTATION (TWO CHAMBER)	OLKARIA SUBSTATION (TWO CHAMBER)
LEVEL 1	1997.00	1938.43	2003.00
LEVEL 2	1999.00	1940.50	2004.75
LEVEL 3	1996.91	1938.36	2002.93

SCHEDULE OF LEVELS

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. CONCRETE FINISHES ARE TO SPECIFICATIONS.
3. MANHOLE COVERS AND FRAMES ARE CAST IRON HEAVY DUTY TO BS EN 124.
4. FOR CONCRETE CLASS REFER TO GENERAL NOTES ON DRG. No. 2571–101–S–CS–900.
5. FOR LOCATION OF THE INTERCEPTOR CHAMBERS REFER TO DRG. Nos.
   - 2571–101–C–PP–552/1 (CONTAMINATED WATER DRAINAGE LAYOUT FOR POWER STATION).
   - 2571–101–C–SS–809 (CONTAMINATED & FOUL WATER DRAINAGE LAYOUT FOR NAIROBI NORTH).
6. THE HEIGHT OF VENTILLATION PIPE IS 2.4m OR AS WAS DIRECTED BY THE ENGINEER ON SITE

LEGEND

GS – GALVANISED STEEL
TYP – TYPICAL
℄ – CENTRE LINE
FGL – FINISHED GROUND LEVEL
PF – PUDDLE FLANGE
D.O.S – DETERMINED ON SITE
FC – FLANGE COUPLING

500 0 500 1000 1500 2000mm

SCALE

Rev	Reason	By	Chk	Appr.	Date
Z	ISSUED AS BUILT	PMN	EGG	ADP	SEPT. '03

Scales AS SHOWN Drawn FOO Designed ERW
Date FEB.'00 CAD Ref 8905–Z Checked ADP

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Sinclair Knight Merz Ltd.
Sub-Consultants
Howard Humphreys
Consulting Engineers
PB Kennedy & Donkin Limited

OLKARIA II GEOTHERMAL POWER PROJECT
ENGINEERING DETAILS
OIL INTERCEPTOR

Drawing 2571-101-S-CS-905
Revision Z

ISSUE STATUS
Client
Design
Bid
Construction
As built 18.09.03 Z

AS BUILT