

SALIENT FEATURES

1. DIVERSION TUNNEL

- a) LENGTH 450.0m
b) DIAMETER 4m.ø
c) DESIGN DISCHARGE 56 cumecs

1. DIVERSION STRUCTURE-GRAVITY DAM

- a) PFL E.L. 1379.00m
b) WFL E.L. 1379.00m
c) HMDL E.L. 1386.00m
d) HAYER SHD LEVEL E.L. 1386.00m
e) TOP OF THE DAM E.L. 1376.00m
f) NO. OF SLICES 9 (5.00m X 0.10m)
g) SLURRY GROUT E.L. 1350.00m
h) DESIGN CAPACITY OF SLURRY 6100 cumecs

2. INTAKE

- a) No. OF INTAKES 1
b) CAPACITY OF INTAKE 154.35 cumecs
c) INVERT OF INTAKE 1341.00

3. HEAD RACE TUNNEL

- a) LENGTH 7.37 km
b) DIAMETER 6.75m ø
c) DESIGN DISCHARGE 149.35 cumecs

4. SURGE SHAFT

- a) DIAMETER 14m
b) MAXIMUM SURGE LEVEL E.L. 1450.00m
c) MINIMUM SURGE LEVEL E.L. 1314.00m

5. PRESSURISE SHAFT

- a) No. 1
b) DIAMETER 5.0m (TERMINATED INTO 3 OF 3.0m)
c) INCANULATION 65"

6. POWER HOUSE

- a) TYPE UNDERGROUND
b) INSTALLATION CAPACITY 9 X 100 MW PLANTES
c) MAXIMUM TPL 22150.00m
d) MINIMUM TPL 22118.00m

NOTES

1. ALL DIMENSIONS ARE IN mm. & ELEVATIONS ARE IN METRES
UNLESS OTHERWISE SPECIFIED.
2. CONTOURS ARE BASED ON SDI TPOD SHEET NO. D2M/19
(1:50000 Scale)

CENTRAL ELECTRICITY AUTHORITY

PRE-FEASIBILITY REPORT CONSULTANTS:
DEVSARI H.E. PROJECT

DESIGN AND POWER CONSULTING SERVICES (DNPS) LTD.

PROJECT LAYOUT PLAN

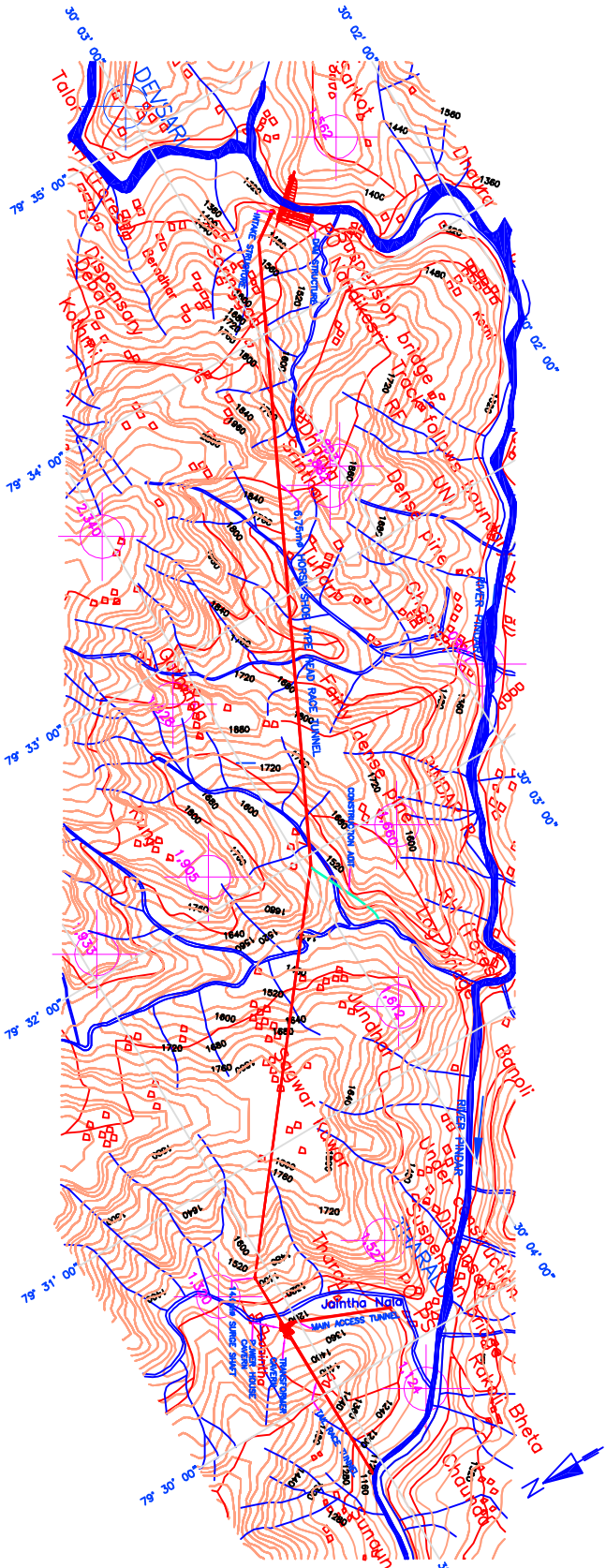
DRAWN BY: DESIGN BY: APPROVED BY: SCALE

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DATE: NO. WPT/ PTR/DEVSAR/1001/PT

MAR. 2004



PROJECT LAYOUT