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- Diagram illustrating the cross-section of a canal structure, labeled "SECTION ON 'A-A'". The diagram shows the left bank, right bank, and return walls, with various elevations and dimensions.
- Left Bank Details:**
- Top Elevation: TBL +245.599
  - Left Bank Slope: 1:1
  - Left Bank Base Elevation: +241.200
  - Left Bank Width: 2500
  - Left Bank Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
  - Left Bank Return Wall: U/S RETURN WALL IN CC M15
  - Left Bank Revetment: 300THICK SIDE REVETMENT
  - Left Bank TBL: TBL +244.943
  - Left Bank FSL: FSL +244.999
  - Left Bank CBL: CBL +243.779
  - Left Bank DBL: DBL +241.529
  - Left Bank Slope: 1:1
  - Left Bank Base Elevation: +241.229
  - Left Bank Width: 2500
  - Left Bank Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
- Right Bank Details:**
- Top Elevation: TBL +245.599
  - Right Bank Slope: 1:1
  - Right Bank Base Elevation: +241.200
  - Right Bank Width: 2500
  - Right Bank Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
  - Right Bank Return Wall: D/S RETURN WALL IN CC M15
  - Right Bank Revetment: 300THICK SIDE REVETMENT
  - Right Bank TBL: TBL +244.943
  - Right Bank FSL: FSL +244.999
  - Right Bank CBL: CBL +243.779
  - Right Bank DBL: DBL +241.529
  - Right Bank Slope: 1:1
  - Right Bank Base Elevation: +241.229
  - Right Bank Width: 2500
  - Right Bank Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
- Canal Details:**
- Canal Width: 22062
  - Canal Depth: 600
  - Canal Slope: 1:1
  - Canal Base Elevation: +241.200
  - Canal Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
  - Canal Return Wall: U/S RETURN WALL IN CC M15
  - Canal Revetment: 300THICK SIDE REVETMENT
  - Canal TBL: TBL +244.943
  - Canal FSL: FSL +244.999
  - Canal CBL: CBL +243.779
  - Canal DBL: DBL +241.529
  - Canal Slope: 1:1
  - Canal Base Elevation: +241.229
  - Canal Width: 2500
  - Canal Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
- Dimensions and Distances:**
- Left Bank Width: 2500
  - Canal Width: 22062
  - Right Bank Width: 2500
  - Canal Depth: 600
  - Canal Slope: 1:1
  - Canal Base Elevation: +241.200
  - Canal Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
  - Canal Return Wall: U/S RETURN WALL IN CC M15
  - Canal Revetment: 300THICK SIDE REVETMENT
  - Canal TBL: TBL +244.943
  - Canal FSL: FSL +244.999
  - Canal CBL: CBL +243.779
  - Canal DBL: DBL +241.529
  - Canal Slope: 1:1
  - Canal Base Elevation: +241.229
  - Canal Width: 2500
  - Canal Backfill: 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING
- Scale and Notes:**
- Scale: 1:100
  - Section: SECTION ON 'A-A'
  - Notes: 300THICK SIDE REVETMENT, 300THICK BED PITCHING OVER 150 THICK GRAVEL BACKING, U/S RETURN WALL IN CC M15, D/S RETURN WALL IN CC M15, 300THICK SIDE REVETMENT, SHALES, 450 TH APRON IN M15

TP @ 4.725

1. IS : 456 - 2000
2. IS : 383
3. IS : 7784 (PART I & II)
4. IS : 3370 ( PART I , II )
5. IS : 1783 - 1985

AGL + 242.502

TBL + 245.599

5000

1800

1000

7200

450

300

1050

1290

1080

1350

500

900

2500

9500

2300

250

2125

895

1000

5000

1800

200

300

1000

2500

9500

10800

1500

3

1

2

3

4

5

6

7

8

SIDE SLOPE 1.5:1

SIDE SLOPE 2:1

SIDE SLOPE 1:1

SLOPE 1.5:1

CANAL FLOW

CBL + 243.779

100 TH LINING IN CC M15 FOR CANAL BED AND SIDE SLOPES BEYOND STRUCTURE FOR A LENGTH OF 5 M OR AS PER AGT.

AGL + 244.780

TBL + 244.184

SCALE 1:100

HALF PLAN AT FOUNDATION AND HALF PLAN AT TOP

HYDRAULIC PARTICULARS OF DRAIN

REFERENCE DRAWINGS:

1. DRAWING NO. GLIS/SKD/UT-4.725/002/2009 - SECTIONS & R.C.C. DETAILS OF BOX

**APPROACH CHANNEL**

**TAIL CHANNEL**

Sd/- 06/04/2010  
SUPERINTENDING ENGINEER  
G.N.S.S. CIRCLE, KADAPA.