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|----------------------|------------------|--------------------------|---------|---------|------------------|---------------------------|----------|----------|----------|----------|----------|------------------|----------|----------|-------------------------|----------|-----------------|-------------------------|----------|------------------|----------|--------------------------|----------|----------|
| FINISHED ROAD LEVEL | 100.0500 | 99.6500 | 99.8800 | 99.8800 | 100.03 | 101.07 | 102.186 | 103.296 | 104.401 | 105.52 | 106.63 | 107.74 | 108.85 | 109.55 | 109.200 | 109.50 | 108.63 | 107.42 | 106.20 | 104.99 | 103.77 | 102.55 | 101.343 | 100.50 |
| VERTICAL ALIGNMENT | 5.55% | | | | | | | | | | | 5.88% | | | | | | | | | | | | |
| HORIZONTAL ALIGNMENT | ST. LENGTH=19.14 | C. LENGTH=56.93 R=600 | | | ST. LENGTH=13.13 | C. LENGTH=147.62 R=300 | | | | | | ST. LENGTH=66.76 | | | C. LENGTH=51.24 R=50 | | ST. LENGTH=5.83 | C. LENGTH=35.57 R=75 | | ST. LENGTH=27.51 | | C. LENGTH=35.57 R=300 | | |
| EXISTING LEVEL | 100.0500 | 99.6500 | 99.8800 | 99.8800 | 99.6600 | 99.6500 | 99.5600 | 99.4400 | 99.4100 | 99.4100 | 98.7600 | 99.4100 | 99.3400 | 99.3500 | 100.9200 | 99.4800 | 100.0100 | 100.0200 | 100.3800 | 100.3000 | 100.3300 | 100.3300 | 100.1500 | 100.2900 |
| CHAINAGE | 0.00 | 20.0000 | 40.0000 | 60.0000 | 80.0000 | 100.0000 | 120.0000 | 140.0000 | 160.0000 | 180.0000 | 200.0000 | 220.0000 | 240.0000 | 260.0000 | 280.0000 | 300.0000 | 320.0000 | 340.0000 | 360.0000 | 380.0000 | 400.0000 | 420.0000 | 440.0000 | 460.0000 |

LONGITUDINAL PROFILE
SCALE: HOR: 1:1000
VER: 1:100

ALIGNMENT PLAN

OPTION -3

NOTE:
1. ALL DIMENSIONS AND LEVELS ARE IN METERS
2. ONLY WRITTEN DIMENSIONS SHOULD BE FOLLOWED

| LEGEND | |
|--------|---|
| | EXISTING ROAD |
| | EXISTING RAILWAY TRACK |
| | PROPOSED ROB (10.150m WIDE) |
| | DIVERSION/SERVICE ROAD (6.5/5.0 m WIDE) |
| | BOUNDARY OF LAND TO BE ACQUIRED |

| | |
|----------|------------|
| DESIGNED | |
| CHECKED | |
| DRAWN | Hari |
| CHECKED | |
| APPROVED | |
| SCALE | 1 : 1000 |
| UNIT | m. |
| DATE | 28.09.2016 |

| SL.No. | PARTICULARS | INITIAL | DATE |
|----------|-------------|---------|------|
| REVISION | | | |
| | | | |

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| KITCO Ltd. <small>(Estd. in 1972 by IDBI & Govt. of Kerala) PUTHIYA ROAD - NH BYPASS, KOCHI - 28</small> | CLIENT: | ROADS AND BRIDGES DEVELOPMENT CORPORATION OF KERALA LIMITED |
| | PROJECT: | PREPARATION OF DPR FOR ROB |
| TITLE: | PLAN AND PROFILE ROB AT VADUTHALA | |
| DRG NO: | BP RBDC DRG CL 07 002 | REV. SHEET NO: 1 OF 1 |

This drawing is the property of KITCO Ltd. and is to be used only for the purpose for which it was lent and must not be in any way detrimental to the interest of the company and is subject to return on demand

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