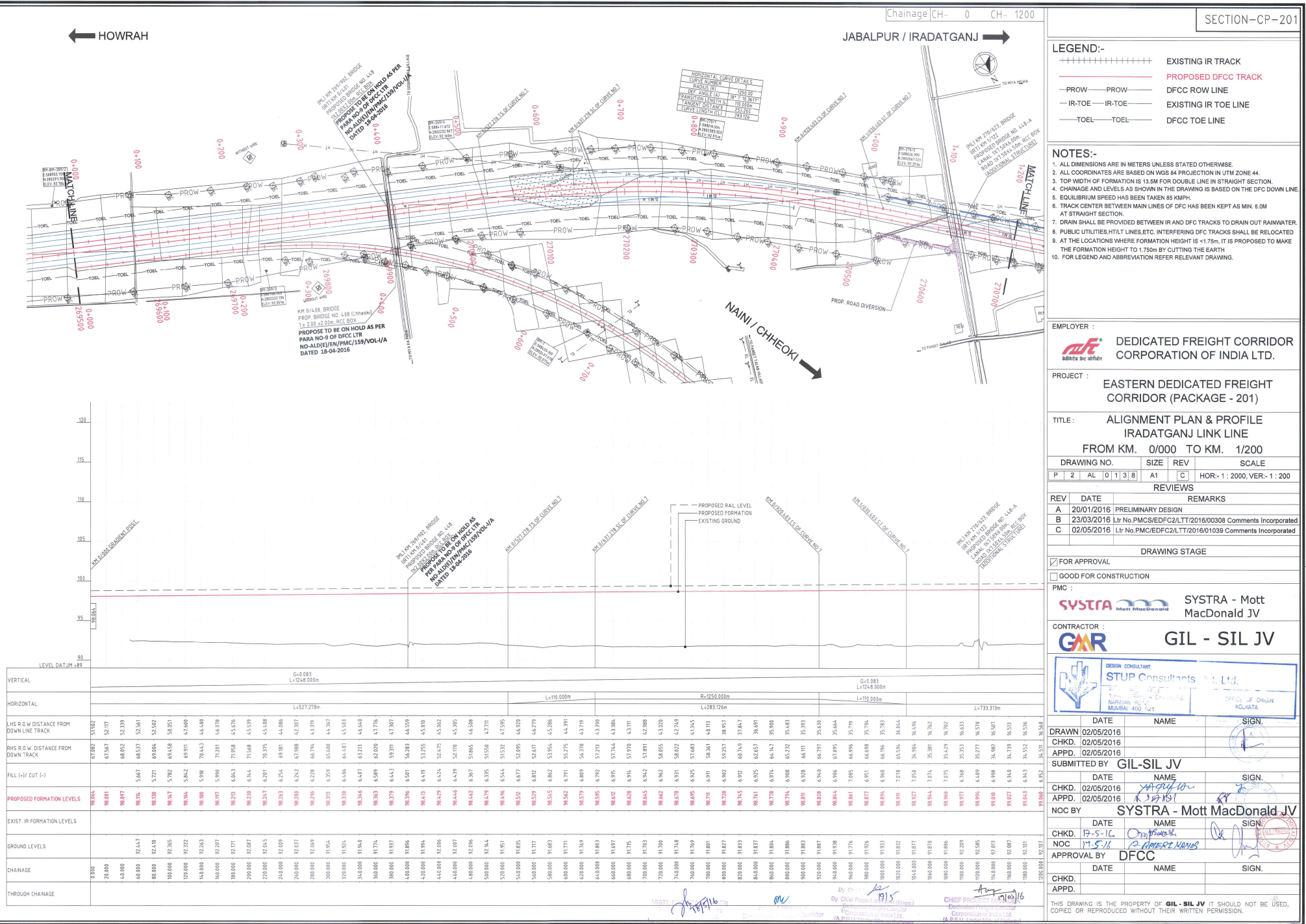
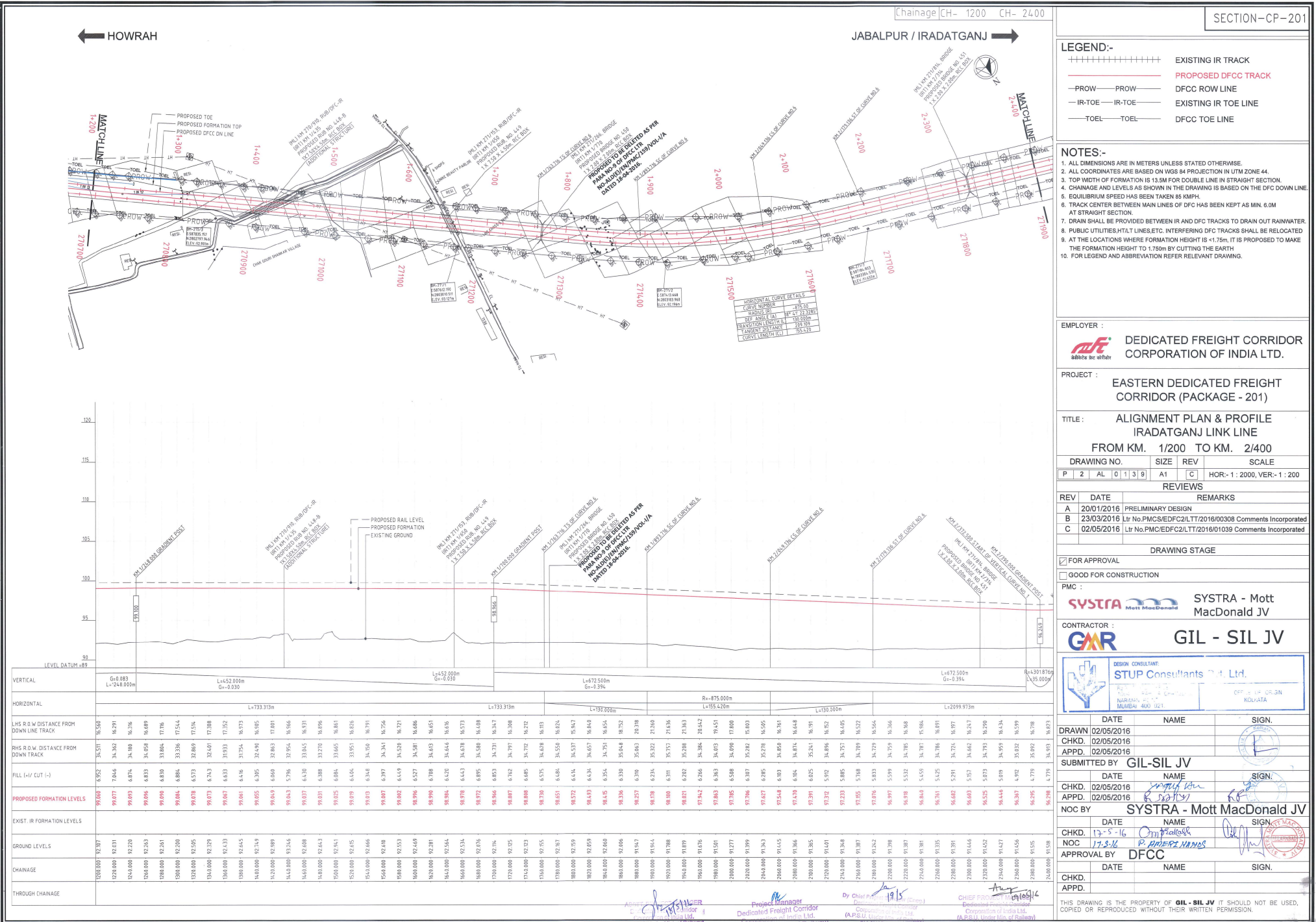
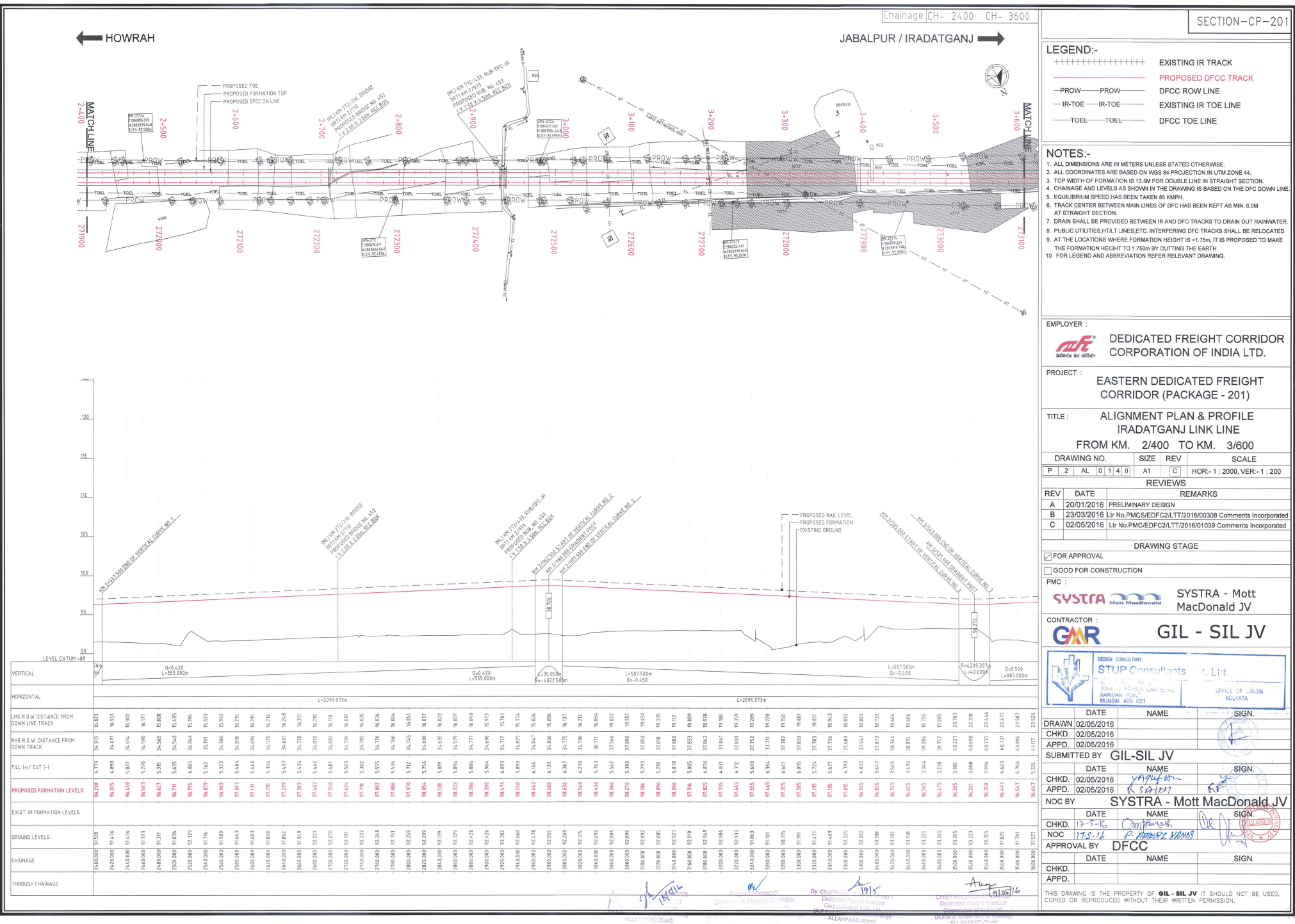
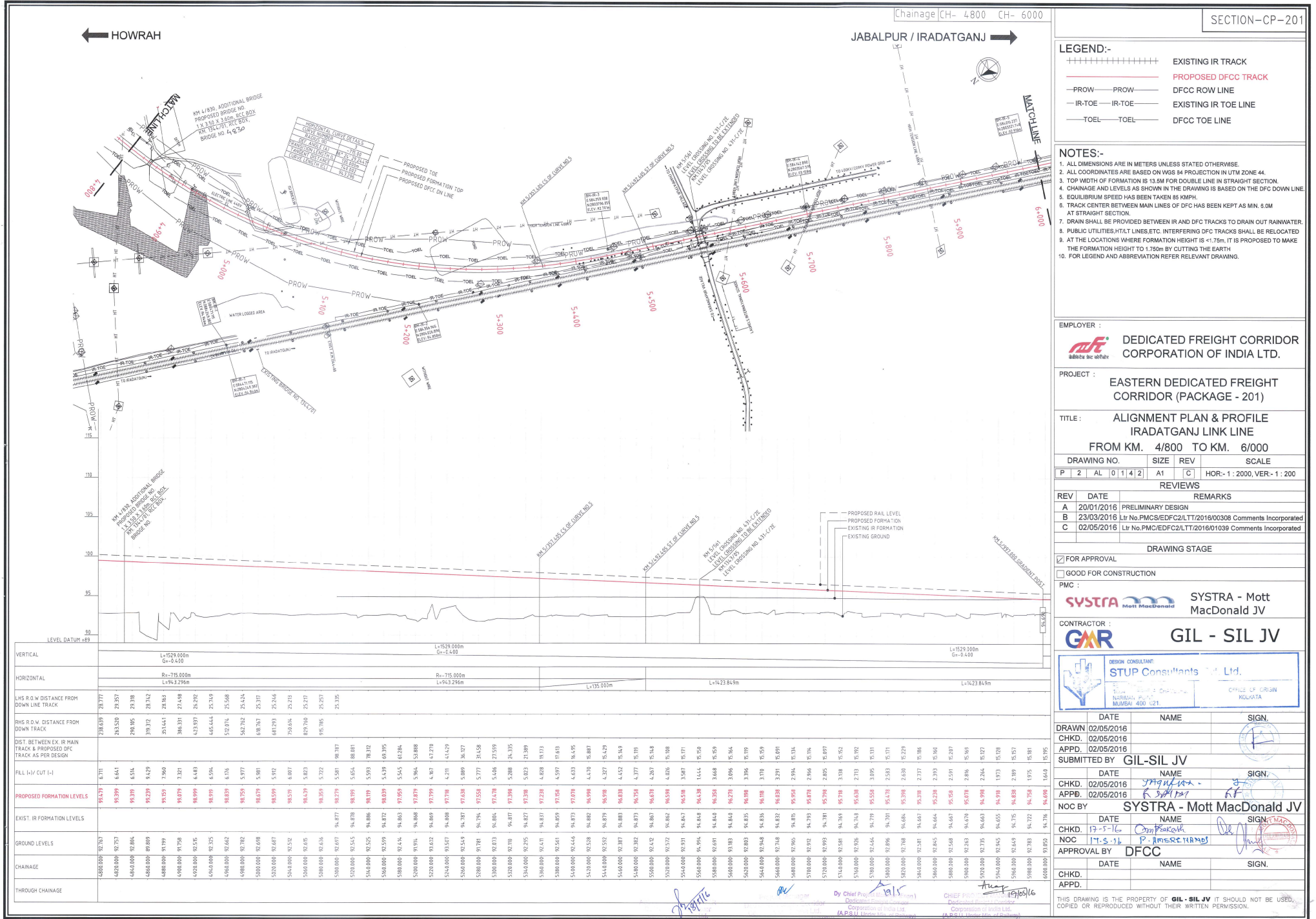










← HOWRAH

Chainage CH- 6000 CH- 7200
JABALPUR / IRADATGANJ →

SECTION-CP-201

LEGEND:-

- EXISTING IR TRACK
- PROPOSED DFCC TRACK
- PROW ----- DFCC ROW LINE
- IR-TOE ----- EXISTING IR TOE LINE
- TOEL ----- DFCC TOE LINE

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
3. TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE.
5. EQUILIBRIUM SPEED HAS BEEN TAKEN AS 85 KM/H.
6. TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
8. PUBLIC UTILITIES (HT/LT LINES ETC.) INTERFERING DFC TRACKS SHALL BE RELOCATED.
9. AT THE LOCATIONS WHERE FORMATION HEIGHT IS < 1.5m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.75m BY CUTTING THE EARTH.
10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 201)

TITLE :

**ALIGNMENT PLAN & PROFILE
IRADATGANJ LINK LINE
FROM KM. 6/000 TO KM. 7/200**

DRAWING NO.	SIZE	REV	SCALE
P 2	AL 0 1 4 3	A1	C

REV	DATE	REMARKS
A	20/01/2016	PRELIMINARY DESIGN
B	23/03/2016	Ltr No.PMCS/EDFC21/TT/2016/00308 Comments Incorporated
C	02/05/2016	Ltr No.PMCS/EDFC21/TT/2016/01039 Comments Incorporated

DRAWING STAGE

- ☒ FOR APPROVAL
☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA Mott MacDonald

SYSTRA - Mott MacDonald JV

CONTRACTOR :

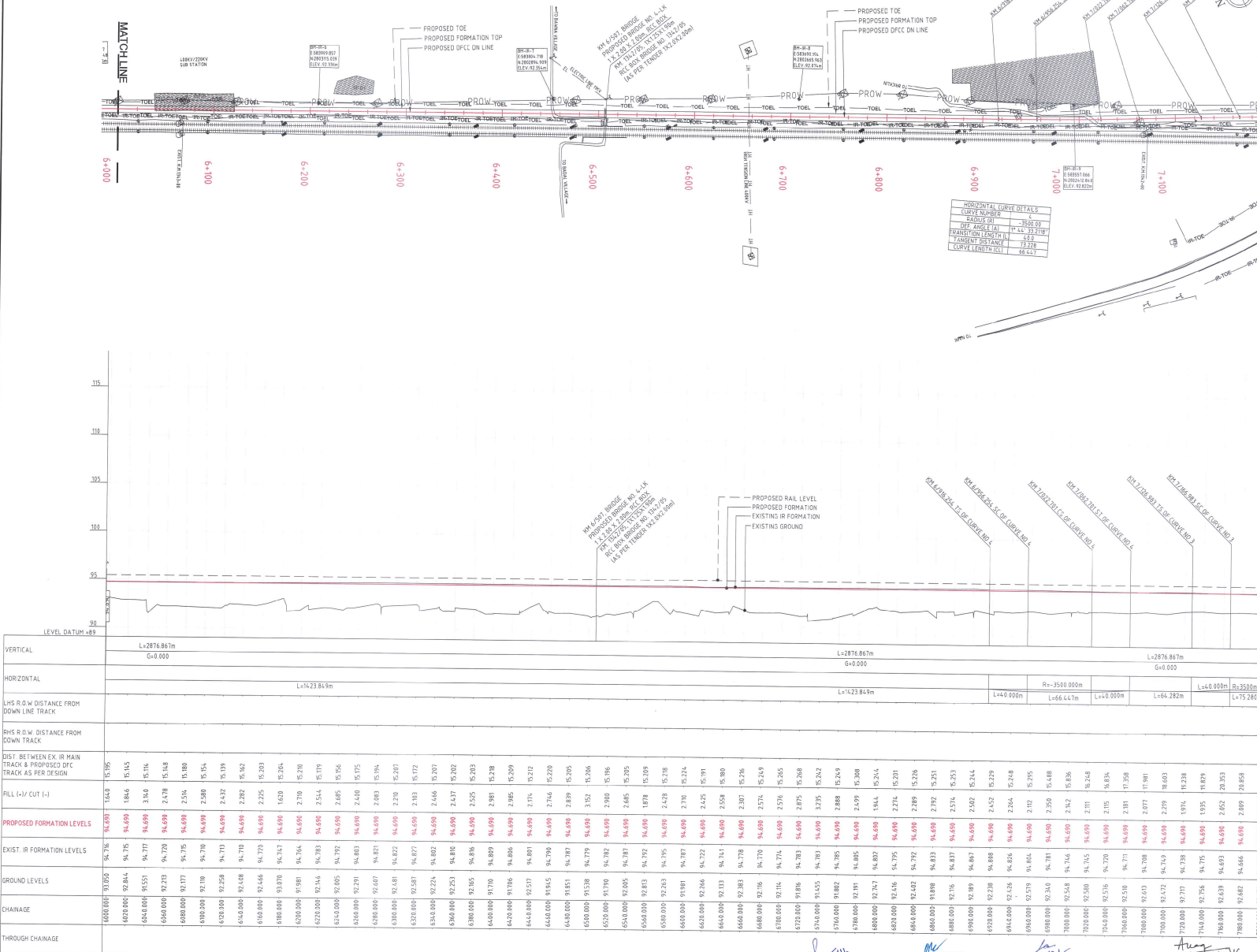
GIL

GIL - SIL JV

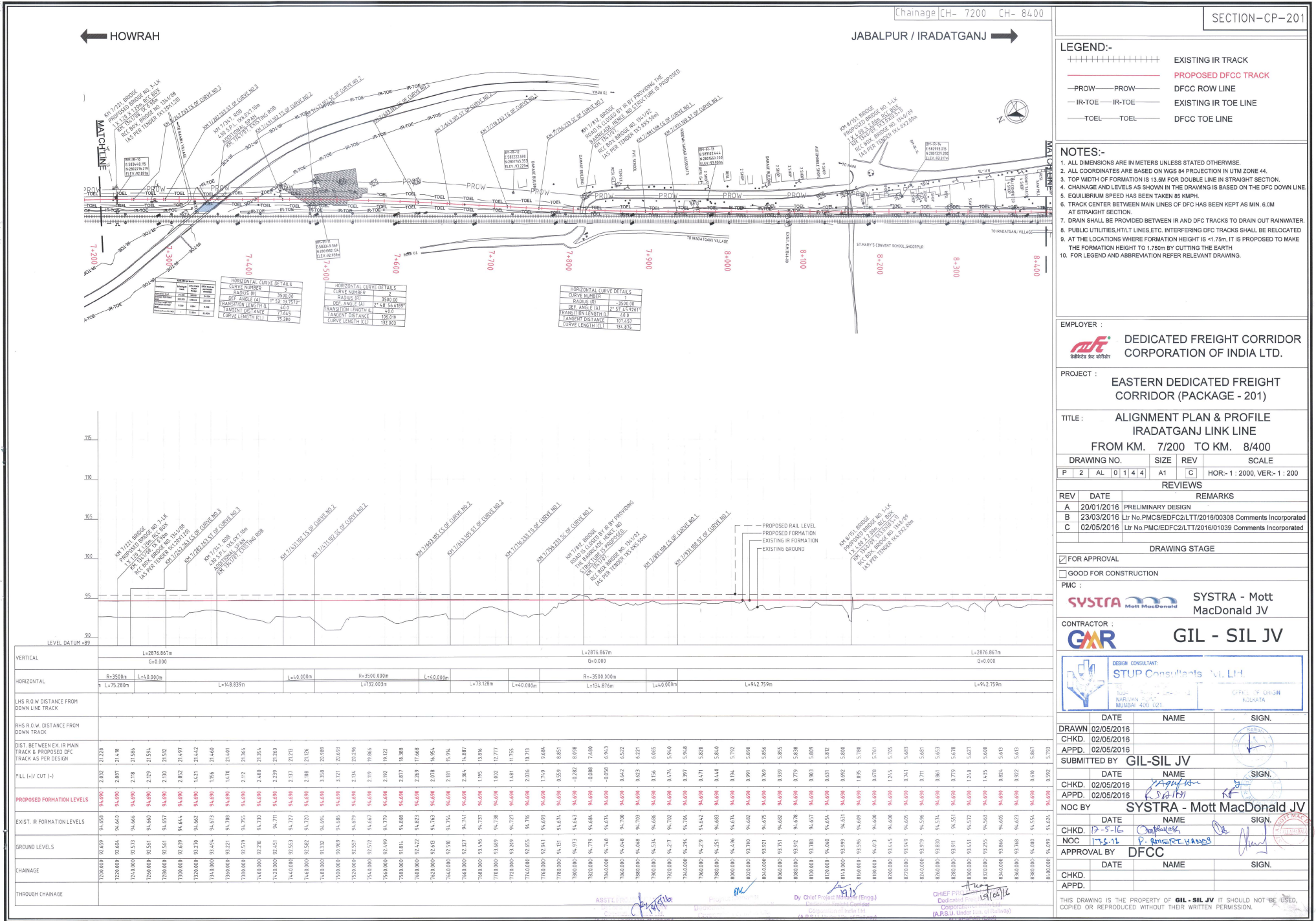
DESIGN CONSULTANT
STUP Consultants Pvt. Ltd.
OFFICE : 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

DATE	NAME	SIGN.
DRAWN 02/05/2016		
CHKD. 02/05/2016		
APPD. 02/05/2016		
SUBMITTED BY	GIL-SIL JV	
DATE	NAME	SIGN.
CHKD. 02/05/2016		
APPD. 02/05/2016		
NOC BY	SYSTRA - Mott MacDonald JV	
DATE	NAME	SIGN.
CHKD. 17-5-16		
NOC		
APPROVAL BY	DFCC	
DATE	NAME	SIGN.
CHKD.		
APPD.		

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Project Manager
Dedicated Freight Corridor Corporation of India Ltd.
By Chief Engineer (Design)
Dedicated Freight Corridor Corporation of India Ltd.
Chief Engineer (Construction)
Dedicated Freight Corridor Corporation of India Ltd.



LEGEND:-

- EXISTING IR TRACK
- PROPOSED DFC TRACK
- PROW
- IR-TOE
- TOEL
- DFCC ROW LINE
- EXISTING IR TOE LINE
- DFCC TOE LINE

NOTES:-

- ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
- ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
- TOP WIDTH OF FORMATION IS 13.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
- CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE.
- EQUILIBRIUM SPEED HAS BEEN TAKEN AS 85 KM/H.
- TRACK CENTER BETWEEN MAIN LINES OF DFC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
- DRAIN SHALL BE PROVIDED BETWEEN IR AND DFC TRACKS TO DRAIN OUT RAINWATER.
- PUBLIC UTILITIES, HTAL LINES, ETC. INTERFERING DFC TRACKS SHALL BE RELOCATED.
- AT THE LOCATIONS WHERE FORMATION HEIGHT IS <1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.75m BY CUTTING THE EARTH.
- FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE IRADATGANJ LINK LINE FROM KM. 7/200 TO KM. 8/400

DRAWING NO. SIZE REV SCALE

P 2 AL 0 1 4 1 A1 C HOR- 1 : 2000, VER- 1 : 200

REVIEWS

REV	DATE	REMARKS
A	20/01/2016	PRELIMINARY DESIGN
B	23/03/2016	Ltr No.PMC/EDFC/2/LTT/2016/00308 Comments Incorporated
C	02/05/2016	Ltr No.PMC/EDFC/2/LTT/2016/01039 Comments Incorporated

DRAWING STAGE

☒ FOR APPROVAL

☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA - Mott MacDonald JV

CONTRACTOR :

GIL - SIL JV

DESIGN CONSULTANT:

STUP Consultants Pvt. Ltd.

DATE NAME SIGN.

DRAWN 02/05/2016

CHKD. 02/05/2016

APPD. 02/05/2016

SUBMITTED BY GIL-SIL JV

DATE NAME SIGN.

CHKD. 02/05/2016

APPD. 02/05/2016

NOC BY SYSTRA - Mott MacDonald JV

DATE NAME SIGN.

CHKD. 17-5-16

NOC 17-5-16

APPROVAL BY DFC

DATE NAME SIGN.

CHKD.

APPD.

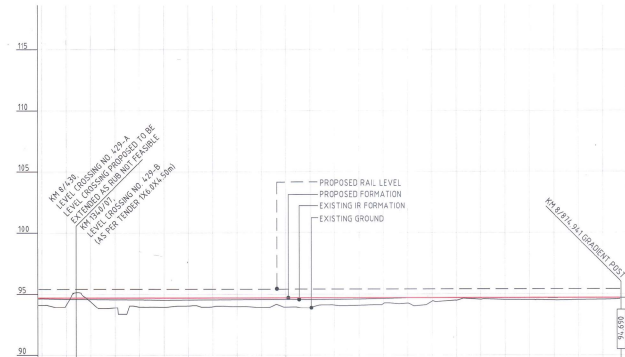
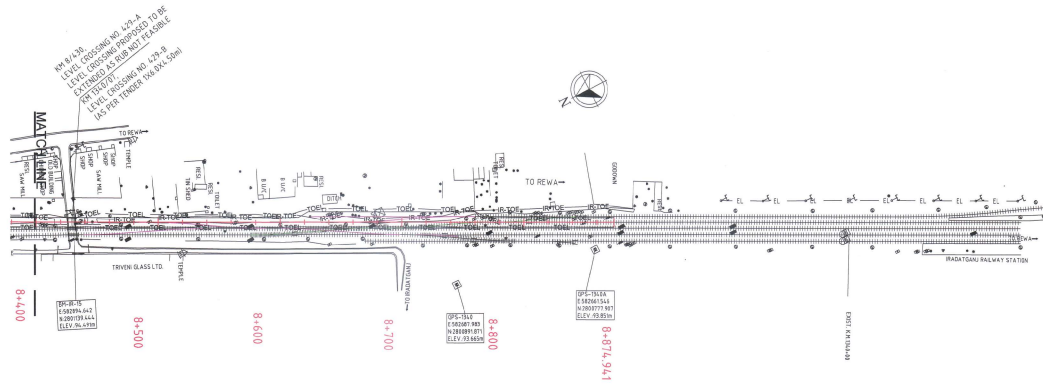
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Chainage CH- 8000 CH- 8874

SECTION-CP-201

← HOWRAH

JABALPUR / IRADATGANJ →



VERTICAL	L=2876.867m G=0.000	L=2876.867m G=0.000
HORIZONTAL	L=942.759m	L=942.759m
LHS R.O.W. DISTANCE FROM DOWN LINE TRACK		
RHS R.O.W. DISTANCE FROM DOWN LINE TRACK		
DIST. BETWEEN EX. IR MAIN TRACK & PROPOSED DFCC TRACK AS PER DESIGN		
FILL (+) CUT (-)		
PROPOSED FORMATION LEVELS		
EXIST. IR FORMATION LEVELS		
GROUND LEVELS		
CHAINAGE		
THROUGH CHAINAGE		

LEGEND:-

+++++	EXISTING IR TRACK
— PROW — PROW —	PROPOSED DFCC TRACK
— IR-TOE — IR-TOE —	DFCC ROW LINE
— TOEL — TOEL —	EXISTING IR TOE LINE
	DFCC TOE LINE

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
2. ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44.
3. TOP WIDTH OF FORMATION IS 15.5M FOR DOUBLE LINE IN STRAIGHT SECTION.
4. CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFCC DOWN LINE.
5. EQUILIBRIUM SPEED HAS BEEN TAKEN 85 KM/H.
6. TRACK CENTER BETWEEN MAIN LINES OF DFCC HAS BEEN KEPT AS MIN. 6.0M AT STRAIGHT SECTION.
7. DRAIN SHALL BE PROVIDED BETWEEN IR AND DFCC TRACKS TO DRAIN OUT RAINWATER.
8. PUBLIC UTILITIES, HT/AT LINES, ETC. INTERFERING DFCC TRACKS SHALL BE RELOCATED.
9. AT THE LOCATIONS WHERE FORMATION HEIGHT IS <1.75m, IT IS PROPOSED TO MAKE THE FORMATION HEIGHT TO 1.75m BY CUTTING THE EARTH.
10. FOR LEGEND AND ABBREVIATION REFER RELEVANT DRAWING.

EMPLOYER :

DEDICATED FREIGHT CORRIDOR
CORPORATION OF INDIA LTD.

PROJECT :

EASTERN DEDICATED FREIGHT
CORRIDOR (PACKAGE - 201)

TITLE :

ALIGNMENT PLAN & PROFILE
IRADATGANJ LINK LINE
FROM KM. 8/000 TO KM. 8/874

DRAWING NO.	SIZE	REV	SCALE
P 2	AL	0 1 4 5	A1

REV	DATE	REMARKS
A	20/01/2016	PRELIMINARY DESIGN
B	23/03/2016	Ltr No.PMC/EDFC2/LT/2016/00308 Comments Incorporated
C	02/05/2016	Ltr No.PMC/EDFC2/LT/2016/01039 Comments Incorporated

DRAWING STAGE

- ☒ FOR APPROVAL
☐ GOOD FOR CONSTRUCTION

PMC :

SYSTRA - Mott
MacDonald JV

GIL - SIL JV

DESIGN CONSULTANT:	STUP Consultants P. L. D.
RE. NO. 43-14 CHARGING.	OFFICE OF ORIGIN
NARAYAN POUROHIT	KOLKATA
MUMBAI 400 021.	

DATE	NAME	SIGN.
DRAWN 02/05/2016		
CHKD. 02/05/2016		
APPD. 02/05/2016		
SUBMITTED BY	GIL-SIL JV	
DATE	NAME	SIGN.
CHKD. 02/05/2016		
APPD. 02/05/2016		
NOC BY	SYSTRA - Mott MacDonald JV	
DATE	NAME	SIGN.
CHKD. 17-5-16		
NOC 17-5-16		
APPROVAL BY	DFCC	
DATE	NAME	SIGN.
CHKD.		
APPD.		

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Project Manager
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
ALLAHABAD (Emd)

Chief Project Manager
Dedicated Freight Corridor
Corporation of India Ltd.
(A.P.S.U. Under Min. of Railways)
ALLAHABAD (Emd)