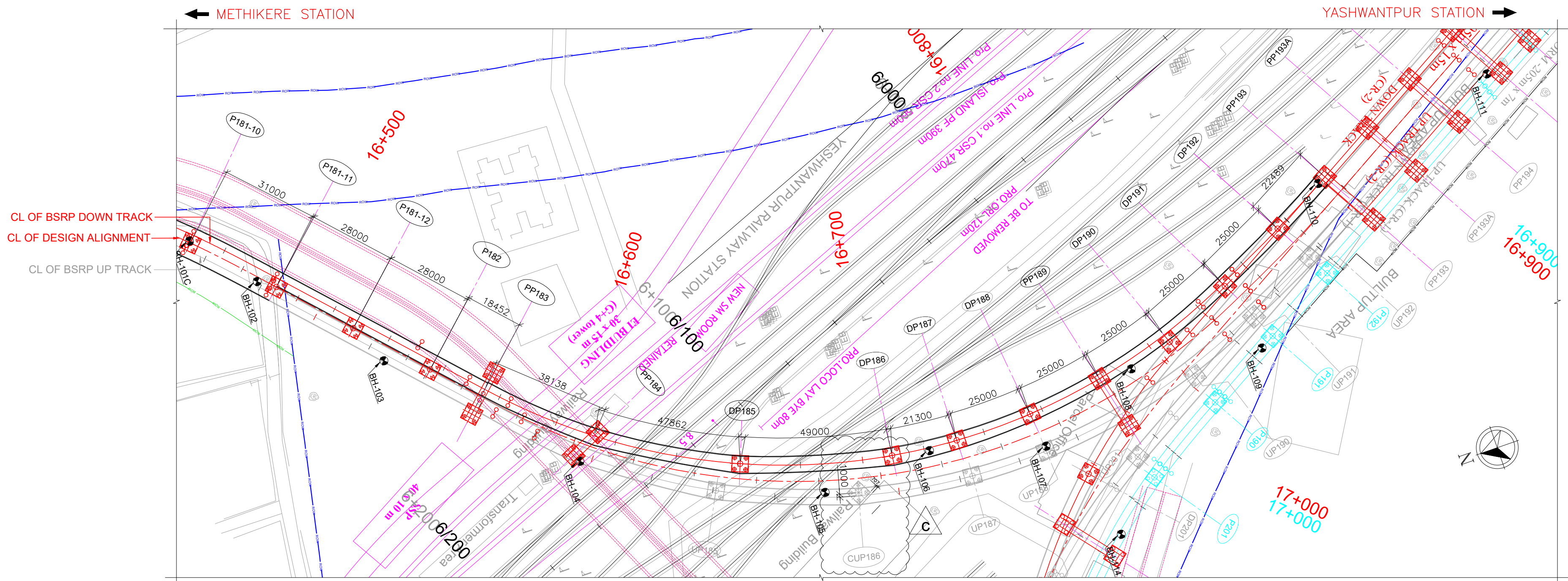


DATUM = 885.000(m)

PROPOSED RAIL LEVEL (m)	925.755	925.55	927.268	927.986	928.459	928.437	930.665	931.921	932.468	933.109	933.581	933.675	933.675	933.675
EXISTING GROUND LEVELS (m)	908.882	909.864	910.613	912.473	912.365	913.439	913.899	913.833	914.051	914.748	914.396	914.916	915.082	913.342
ORIGINAL GROUND LEVELS (m)	908.694	909.947	909.861	910.881	911.881	912.485	913.766	913.566	913.446	914.767	914.870	914.265	915.082	913.342
LEVEL DIFFERENCE GROUND LVL & BSRP RAIL	15.873	16.686	16.655	15.513	16.094	15.998	16.766	18.088	18.417	18.361	19.185	18.757	18.593	20.333
VERTICAL ALIGNMENT BSRP DOWN TRACK	L = 550.000m G = R 2.564%										CL = 40.000m R = 1559.803m			
HORIZONTAL ALIGNMENT BSRP DOWN TRACK	TRL = 30m Straight = 70m*										Straight = 4m* R = 441m CCL = 37m			
DESIGN CHAINAGE (km) MATHIKERE STATION TO YESHWANTPUR STATION	16+469.164	16+500.164	16+528.164	16+556.164	16+574.616	16+612.754	16+660.616	16+709.616	16+730.916	16+755.916	16+780.916	16+805.916	16+830.916	16+855.916

LONGITUDINAL ELEVATION OF DOWN TRACK
(SCALE 1:1000)



PLAN SHOWING ONLY DOWN TRACK
(SCALE 1:1000)

LEGEND FOR PLAN:

PROPOSED BSRP TRACK	---
EXISTING IR TRACK	---
FUTURE IR WORK	---
EXISTING ROW AS PER ER	---
PROPOSED ROW AS PER ER	---

LEGEND FOR PROFILE:

PROPOSED BSRP RAIL LEVEL	---
EXISTING IR RAIL LEVEL	---
GROUND LEVEL	---

REFERENCE DRAWINGS:- (LATEST REVISION)

022077-BSRP-CR2-C-VD-GEN-20-2062
022077-BSRP-CR2-C-VD-GEN-20-2063
022077-BSRP-CR2-C-VD-GEN-20-2064
022077-BSRP-CR2-C-VD-GEN-20-2065
022077-BSRP-CR2-C-VD-GEN-20-2066
022077-BSRP-CR2-C-VD-GEN-20-2067
022077-BSRP-CR2-C-VD-GEN-20-2068
022077-BSRP-CR2-C-VD-GEN-20-2069
022077-BSRP-CR2-C-VD-GEN-20-2070
022077-BSRP-CR2-C-VD-GEN-20-2071
022077-BSRP-CR2-C-VD-GEN-20-2072

GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2

022077-BSRP-CR2-C-VD-DGN-BR-20-4200
022077-BSRP-CR2-C-VD-DGN-BR-20-4201

ROR ALONG CR2, UP & DOWN LINE BETWEEN CH. KM 16+550 TO 16+800

NOTES:

1. ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-GIRDER UNLESS OTHERWISE MENTIONED.
4. CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT.

LEGEND:

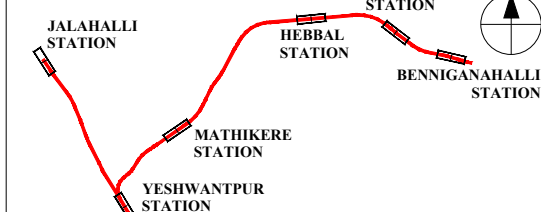
- P : SINGLE PIER
DP : DOWN LINE SINGLE PIER
UP : UP LINE SINGLE PIER
PP : PORTAL PIER
CP : CANTILEVER PIER (PIER WITH ECCENTRIC PIER CAP)

REFERENCE DRAWINGS:

022077-C-RL-TR-PP-0001 TO 0025.....
ALIGNMENT PLAN & PROFILE FROM CH: -0+980 TO CH: 24+420

REFERENCE DOCUMENTS:

KEY PLAN



STATION BOX KEY PLAN

REVISIONS	
REV	DATE
d	03.12.2024
c	12.07.2024
b	17.05.2024
a	23.02.2024

CONTRACTOR:	TRANSPORTATION INFRASTRUCTURE IC
DETAILED DESIGN CONSULTANT (DDC):	STUP Consultants Pvt. Ltd.
PROOF CONSULTANT (PC):	Indian Institute of Technology Madras
L&T CONSTRUCTION	EDRC-SPECIAL BRIDGES - TTC

QUALITY ASSURANCE	
The responsibility of control, check and verification of accuracy, correctness, completeness, integration and full compliance of Contract provisions in respect of design analysis and drawing rests with Design & Build Contractor.	
DDC	
PC	
Contractor	
SIGN	
DATE	03/12/2024
NAME	MLR
PREPARED BY	SSV
CHECKED BY	PC
APPROVED BY	KVM
ISSUED BY	

GENERAL CONSULTANTS	
CHECKED & APPROVED	
COUNTER SIGN	
PROJECT DIRECTOR	
SIGN	
NAME	
DATE	
CIVIL GAD	
CIVIL ALIGNMENT	
CIVIL STRUCTURAL	
CIVIL GEOTECH	

K RIDE	
DESIGNATION	
SIGN	
DATE	
CIVIL GAD	
CIVIL ALIGNMENT	
CIVIL STRUCTURAL	
GM/CIVIL/DESIGN	

EMPLOYER:	
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	
GENERAL CONSULTANTS:	
AECOM egis WSP AECOM-EGIS-WSP	

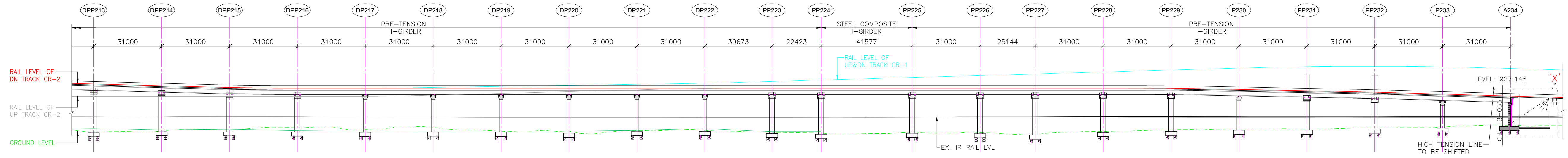
PROJECT:	
BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2	
DRAWING TITLE:	
GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2	
DRAWING NO.:	
022077-BSRP-CR2-C-VD-GEN-20-2061	
SCALE: AS SHOWN	
DATE: 23.02.2024	
REVISION	
d	
DWG STATUS	
D	
SHEET SIZE - A1	

SPECIAL NOTE:

- * RAIL LEVELS ARE TAKEN FROM LATEST REVISION OF ALIGNMENT.
- * CORRIDOR-1 DETAILS ARE NOT SHOWN FOR CLARITY.

← MALLASWARAM STATION

TO JALAHALLI STATION →



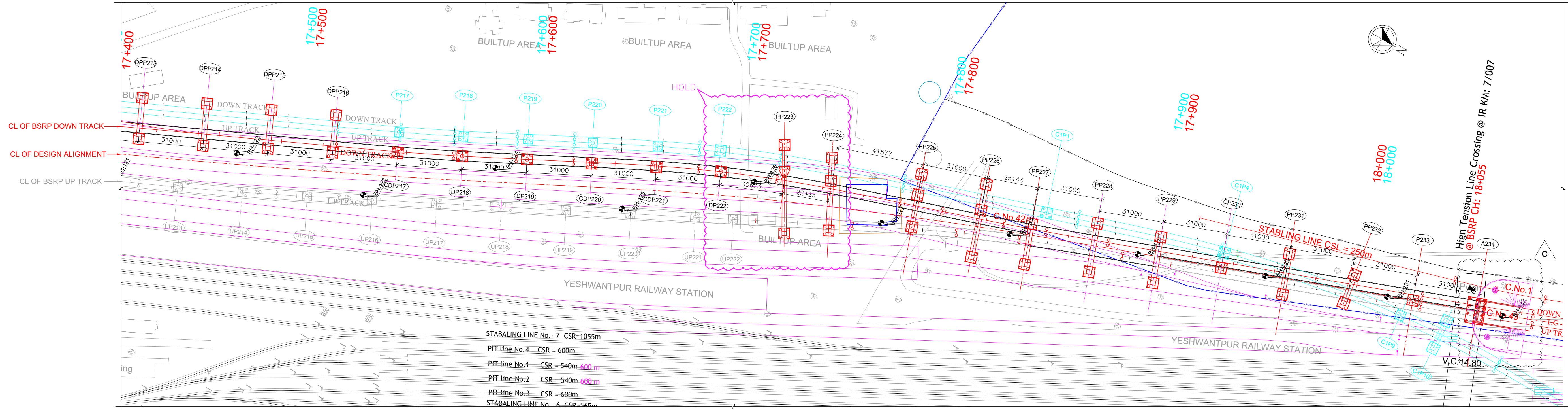
DATUM = 885.000(m)	
PROPOSED RAIL LEVEL (m)	927.637
EXISTING GROUND LEVELS (m)	905.756
ORIGINAL GROUND LEVELS (m)	907.261
LEVEL DIFFERENCE GROUND LVL & BSRP RAIL	21.881
VERTICAL ALIGNMENT BSRP DOWN TRACK	CL = 40.000m R = 1522.124m
HORIZONTAL ALIGNMENT BSRP DOWN TRACK	TRL = 30m C.No.41 R = 1250m CCL = 26m
DESIGN CHAINAGE (km) DOWN TRACK YESHWANTPUR STATION TO JALAHALLI STATION	17+411.772

LONGITUDINAL ELEVATION OF DOWN TRACK

(SCALE 1:1000)

← MALLASWARAM STATION

TO JALAHALLI STATION →



PLAN SHOWING ONLY DOWN TRACK

(SCALE 1:1000)

LEGEND FOR PLAN:	
PROPOSED BSRP TRACK	
EXISTING IR TRACK	
FUTURE IR WORK	
EXISTING ROW AS PER ER	
PROPOSED ROW AS PER ER	
LEGEND FOR PROFILE:	
PROPOSED BSRP RAIL LEVEL	
EXISTING IR RAIL LEVEL	
GROUND LEVEL	

REFERENCE DRAWINGS:- (LATEST REVISION)

O22077-BSRP-CR2-C-VD-GEN-20-2061	
O22077-BSRP-CR2-C-VD-GEN-20-2062	
O22077-BSRP-CR2-C-VD-GEN-20-2064	
O22077-BSRP-CR2-C-VD-GEN-20-2065	
O22077-BSRP-CR2-C-VD-GEN-20-2066	
O22077-BSRP-CR2-C-VD-GEN-20-2067	
O22077-BSRP-CR2-C-VD-GEN-20-2068	
O22077-BSRP-CR2-C-VD-GEN-20-2069	
O22077-BSRP-CR2-C-VD-GEN-20-2070	
O22077-BSRP-CR2-C-VD-GEN-20-2071	
O22077-BSRP-CR2-C-VD-GEN-20-2072	
O22077-BSRP-CR2-C-VD-DGN-BR-20-4200	
O22077-BSRP-CR2-C-VD-DGN-BR-20-4201	

GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2

NOTES:

- ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-GIRDER UNLESS OTHERWISE MENTIONED.
- CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT.

REV	DATE	BRIEF DESCRIPTION
d	03.12.2024	REVISED AS PER GC COMMENTS
c	12.07.2024	REVISED AS PER GC COMMENTS
b	17.05.2024	REVISED DUE TO CHANGE IN PLAN & PROFILE
a	23.02.2024	FOR APPROVAL

CONTRACTOR:	TRANSPORTATION INFRASTRUCTURE IC
DETAILED DESIGN CONSULTANT (DDC):	STUP Consultants Pvt. Ltd.
PROOF CONSULTANT (PC):	Indian Institute of Technology Madras
L&T CONSTRUCTION	EDRC-SPECIAL BRIDGES - TTC

LEGEND:

- P : SINGLE PIER
DP : DOWN LINE SINGLE PIER
UP : UP LINE SINGLE PIER
PP : PORTAL PIER
CP : CANTILEVER PIER (PIER WITH ECCENTRIC PIER CAP)

REFERENCE DRAWINGS:

O22077-C-RL-TR-PP-0001 TO 0025.....
ALIGNMENT PLAN & PROFILE FROM CH: -0+980 TO CH: 24+420

DATE	03/12/2024	03/12/2024	03/12/2024	03/12/2024
NAME	MLR	SSV	PC	KVM
PREPARED BY	CHECKED BY	APPROVED BY	APPROVED BY	ISSUED BY

REFERENCE DOCUMENTS:

CHECKED & APPROVED	COUNTER SIGN
NAME	SIGN
SIGN	NAME
DATE	DATE

KEY PLAN

EMPLOYER:	RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED
GENERAL CONSULTANTS:	AECOM & EGIS

STATION BOX KEY PLAN

PROJECT:	BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2
DRAWING TITLE:	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
DRAWING NO.:	O22077-BSRP-CR2-C-VD-GEN-20-2063
SCALE:	AS SHOWN
DATE:	23.02.2024

KEY PLAN

EMPLOYER:	RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED
GENERAL CONSULTANTS:	AECOM & EGIS

STATION BOX KEY PLAN

PROJECT:	BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2
DRAWING TITLE:	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
DRAWING NO.:	O22077-BSRP-CR2-C-VD-GEN-20-2063
SCALE:	AS SHOWN
DATE:	23.02.2024

KEY PLAN

EMPLOYER:	RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED
GENERAL CONSULTANTS:	AECOM & EGIS

STATION BOX KEY PLAN

PROJECT:	BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2
DRAWING TITLE:	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
DRAWING NO.:	O22077-BSRP-CR2-C-VD-GEN-20-2063
SCALE:	AS SHOWN
DATE:	23.02.2024

KEY PLAN

EMPLOYER:	RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED
GENERAL CONSULTANTS:	AECOM & EGIS

STATION BOX KEY PLAN

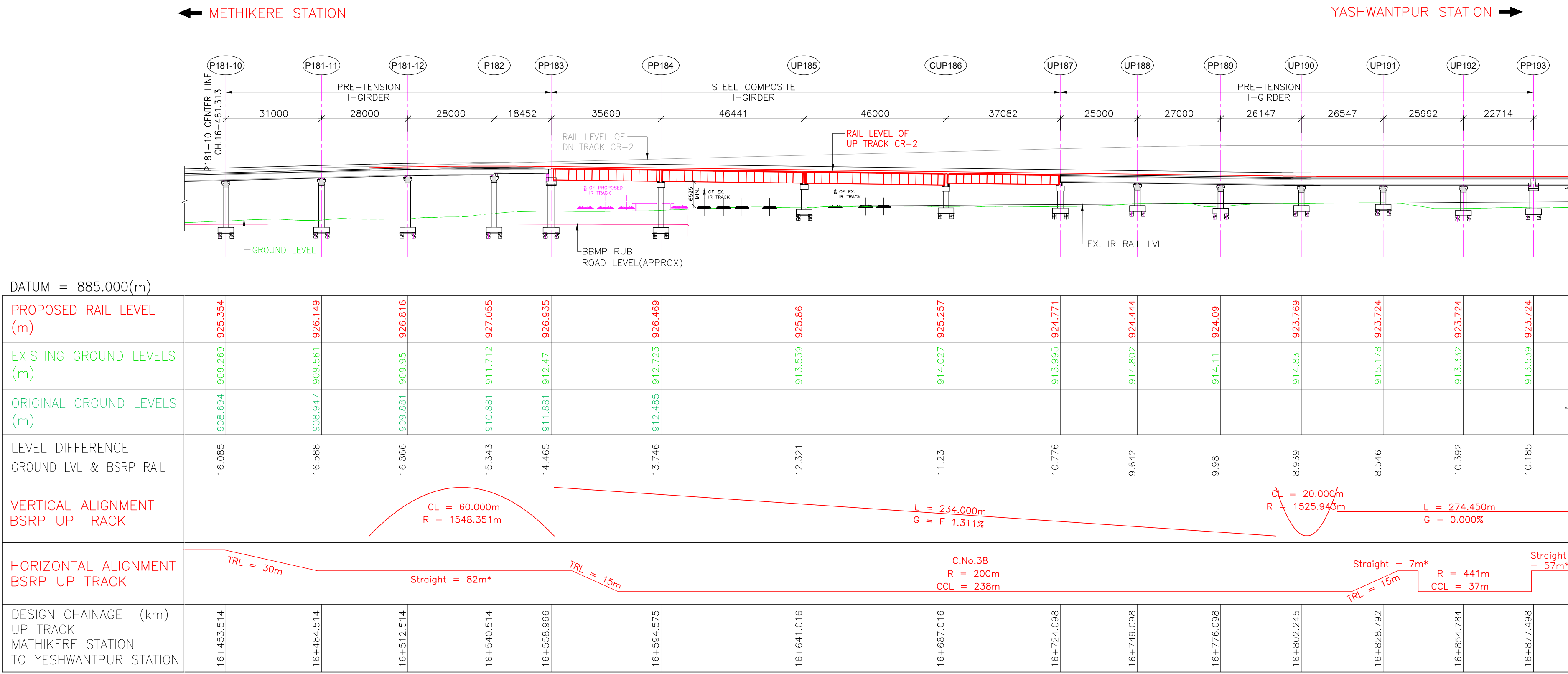
PROJECT:	BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2
DRAWING TITLE:	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
DRAWING NO.:	O22077-BSRP-CR2-C-VD-GEN-20-2063
SCALE:	AS SHOWN
DATE:	23.02.2024

KEY PLAN

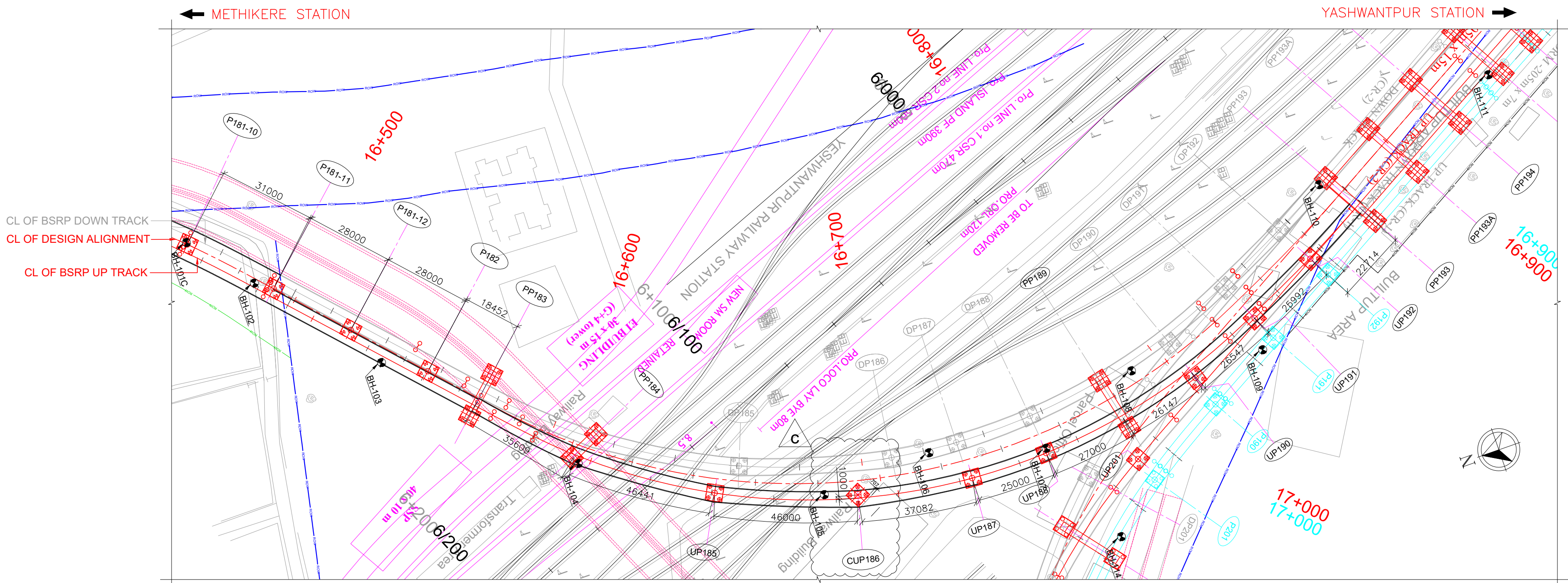
EMPLOYER:	RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED
GENERAL CONSULTANTS:	AECOM & EGIS

STATION BOX KEY PLAN

PROJECT:	BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2
DRAWING TITLE:	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
DRAWING NO.:	O22077-BSRP-CR2-C-VD-GEN-20-2063
SCALE:	AS SHOWN
DATE:	23.02.2024



LONGITUDINAL ELEVATION OF UP TRACK
(SCALE 1:1000)



PLAN SHOWING ONLY UP TRACK
(SCALE 1:1000)

LEGEND FOR PLAN:

PROPOSED BSRP TRACK	---
EXISTING IR TRACK	---
FUTURE IR WORK	---
EXISTING ROW AS PER ER	---
PROPOSED ROW AS PER ER	---

LEGEND FOR PROFILE:

PROPOSED BSRP RAIL LEVEL	---
EXISTING IR RAIL LEVEL	---
GROUND LEVEL	---

REFERENCE DRAWINGS:- (LATEST REVISION)

O22077-BSRP-CR2-C-VD-GEN-20-2061
O22077-BSRP-CR2-C-VD-GEN-20-2062
O22077-BSRP-CR2-C-VD-GEN-20-2063
O22077-BSRP-CR2-C-VD-GEN-20-2065
O22077-BSRP-CR2-C-VD-GEN-20-2066
O22077-BSRP-CR2-C-VD-GEN-20-2067.....
O22077-BSRP-CR2-C-VD-GEN-20-2068
O22077-BSRP-CR2-C-VD-GEN-20-2069
O22077-BSRP-CR2-C-VD-GEN-20-2070
O22077-BSRP-CR2-C-VD-GEN-20-2071
O22077-BSRP-CR2-C-VD-GEN-20-2072

GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2

O22077-BSRP-CR2-C-VD-DGN-BR-20-4200
O22077-BSRP-CR2-C-VD-DGN-BR-20-4201.....
ROR ALONG CR2, UP & DOWN LINE BETWEEN CH. KM 16+550 TO 16+800

NOTES:

1. ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
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3. ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-OORDER UNLESS OTHERWISE MENTIONED.
4. CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT.

REVISIONS	
REV	DATE
1	03.12.2024
2	12.07.2024
3	17.05.2024
4	23.02.2024

CONTRACTOR:
TRANSPORTATION INFRASTRUCTURE IC
EDRC-SPECIAL BRIDGES

DETAILED DESIGN CONSULTANT (DDC):
STUP Consultants Pvt. Ltd.
PLOT NO. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 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

PROOF CONSULTANT (PC):
Indian Institute of Technology Madras
IIT P.O., Chennai
600 036 INDIA

L&T CONSTRUCTION
EDRC-SPECIAL BRIDGES - TTC

QUALITY ASSURANCE
The responsibility of control, check and verification of accuracy, correctness, completeness, integration and full compliance of Contract provisions in respect of design analysis and drawing rests with Design & Build Contractor.

REFERENCE DRAWINGS:
O22077-C-RL-TR-PP-0001 TO 0025.....
ALIGNMENT PLAN & PROFILE FROM CH: -0+980 TO CH: 24+420

REFERENCE DOCUMENTS:

KEY PLAN
JALAHALLI STATION
MATHIKERE STATION
BENNINGANAHALLI STATION
KANAKANAGAR STATION
YASHWANTPUR STATION

STATION BOX KEY PLAN

PROJECT: BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)
K-RIDE CORRIDOR - 2

DRAWING TITLE: GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2

DRAWING NO.: O22077-BSRP-CR2-C-VD-GEN-20-2064

REVISION: d

DWG STATUS: D

SCALE: AS SHOWN

DATE: 23.02.2024

SHEET SIZE: A1



REFERENCE DRAWINGS:— (LATEST REVISION)	
Q22077-BSRP-CR2-C-VD-GEN-20-2061	
Q22077-BSRP-CR2-C-VD-GEN-20-2062	
Q22077-BSRP-CR2-C-VD-GEN-20-2063	
Q22077-BSRP-CR2-C-VD-GEN-20-2064	
Q22077-BSRP-CR2-C-VD-GEN-20-2065	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
Q22077-BSRP-CR2-C-VD-GEN-20-2067	
Q22077-BSRP-CR2-C-VD-GEN-20-2068	
Q22077-BSRP-CR2-C-VD-GEN-20-2069	
Q22077-BSRP-CR2-C-VD-GEN-20-2070	
Q22077-BSRP-CR2-C-VD-GEN-20-2071	
Q22077-BSRP-CR2-C-VD-GEN-20-2072	
Q22077-BSRP-CR2-C-VD-DGN-BR-20-4200	
Q22077-BSRP-CR2-C-VD-DGN-BR-20-4201	ROR ALONG CR2. UP & DOWN LINE BETWEEN CH. KM 16+550 TO 16+800

		REVISIONS
d	03.12.2024	AS PER GFC & LATEST C
c	12.07.2024	REVISED AS PER GC COMM
b	17.05.2024	REVISED DUE TO CHANGE IN
a	23.02.2024	FOR APPROVAL
REV	DATE	BRIEF DESCRIPTION

INSTITUTE OF
TECHNOLOGY
(PC) :
Indian Institute of
Technology Madras
P.O., Chennai
600 036 INDIA

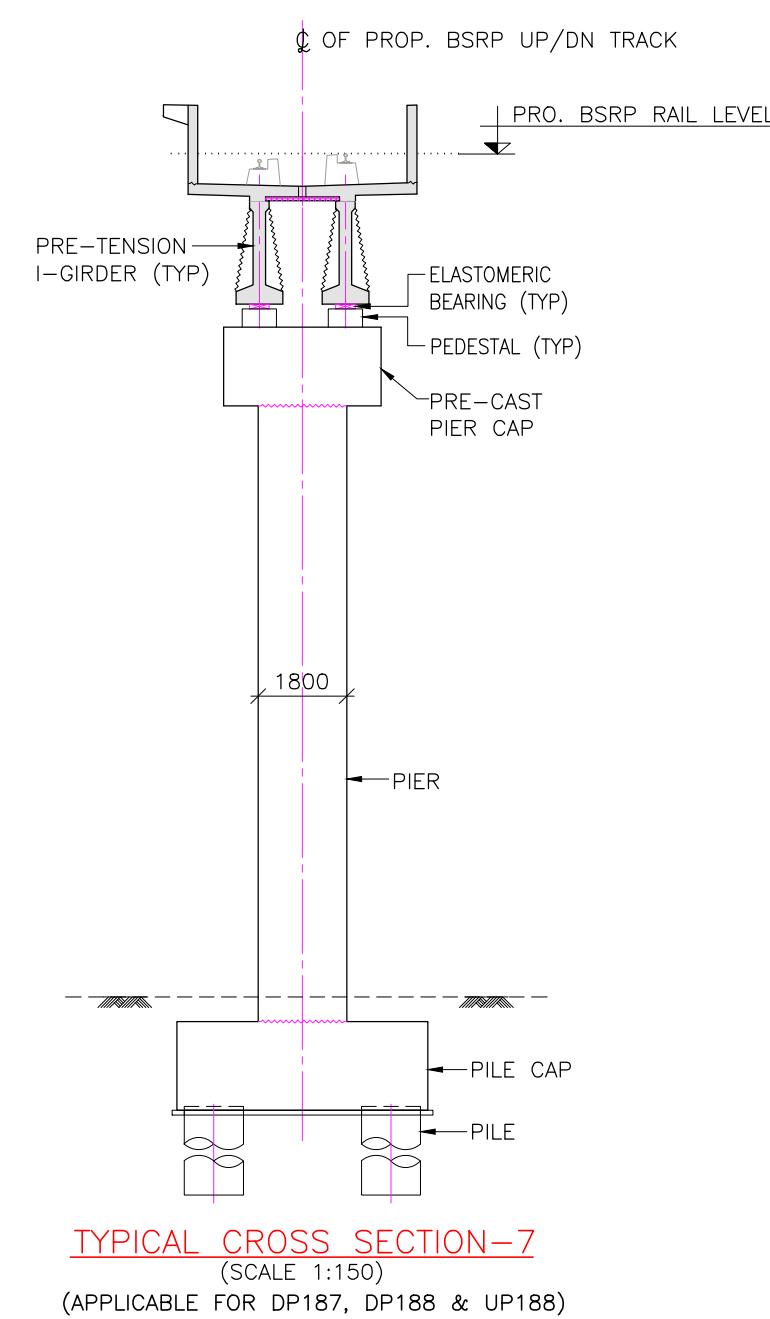
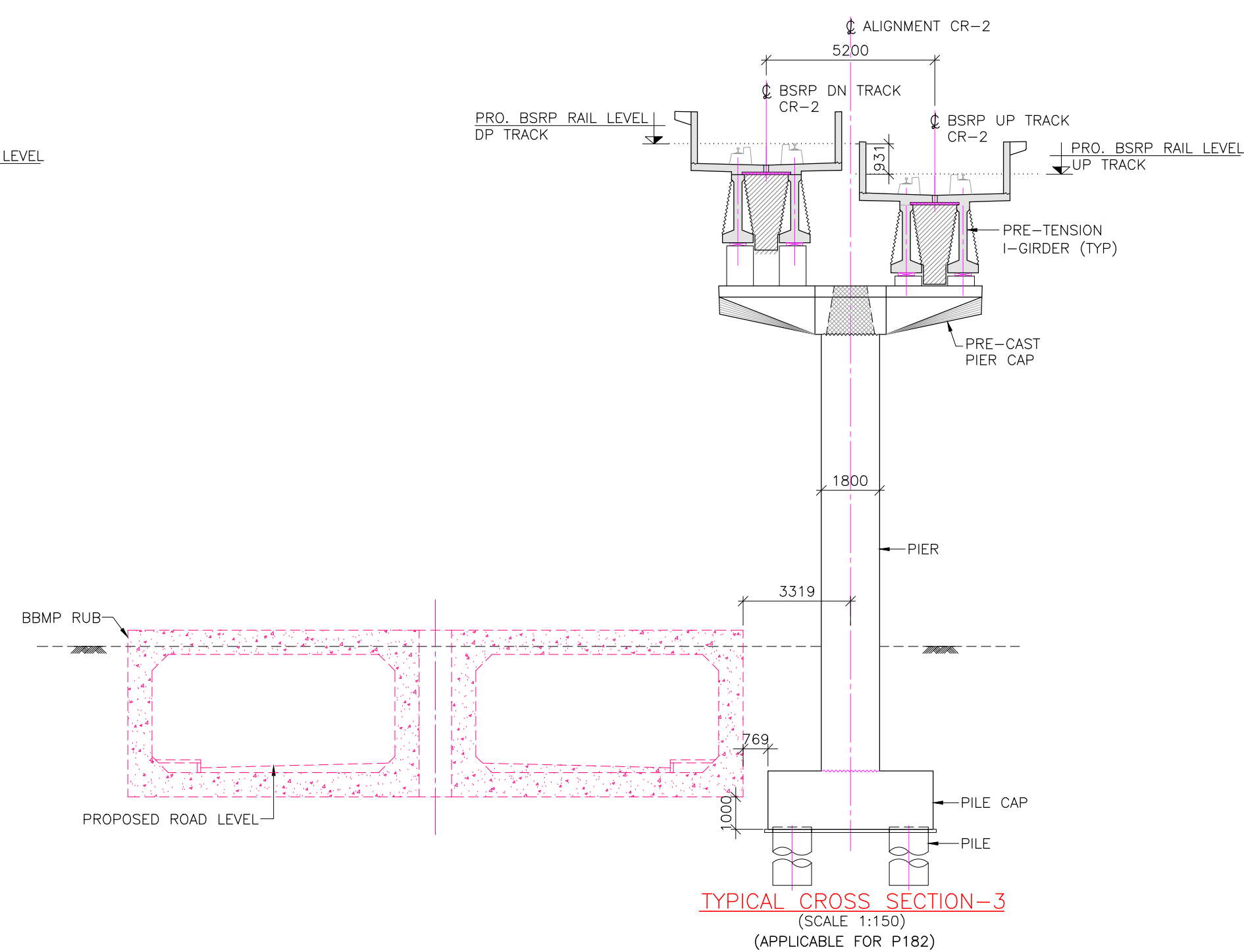
QUALITY ASSURANCE			
Control, check and verification of accuracy, correctness and full compliance of Contract provisions in analysis and drawing rests with Design & Build Contractor			
DDC		PC	Contractor
03/12/2024	03/12/2024		03/12/2024
SSV	PC		KVM
CHECKED BY	APPROVED BY	APPROVED BY	ISSUED BY

APPROVED	COUNTER SIGN	
	PROJECT DIRECTOR	
	SIGN	
	NAME	
	DATE	

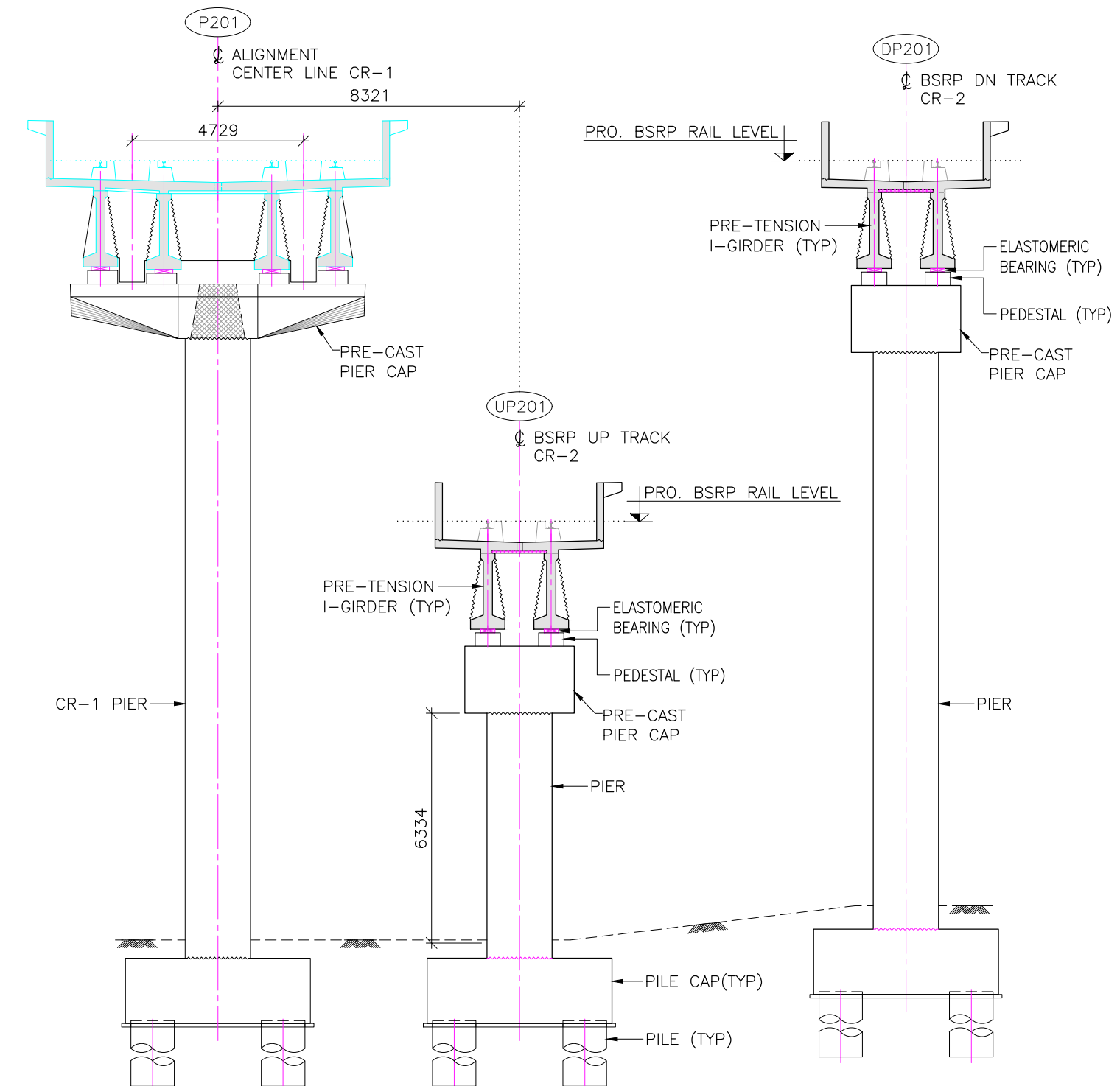
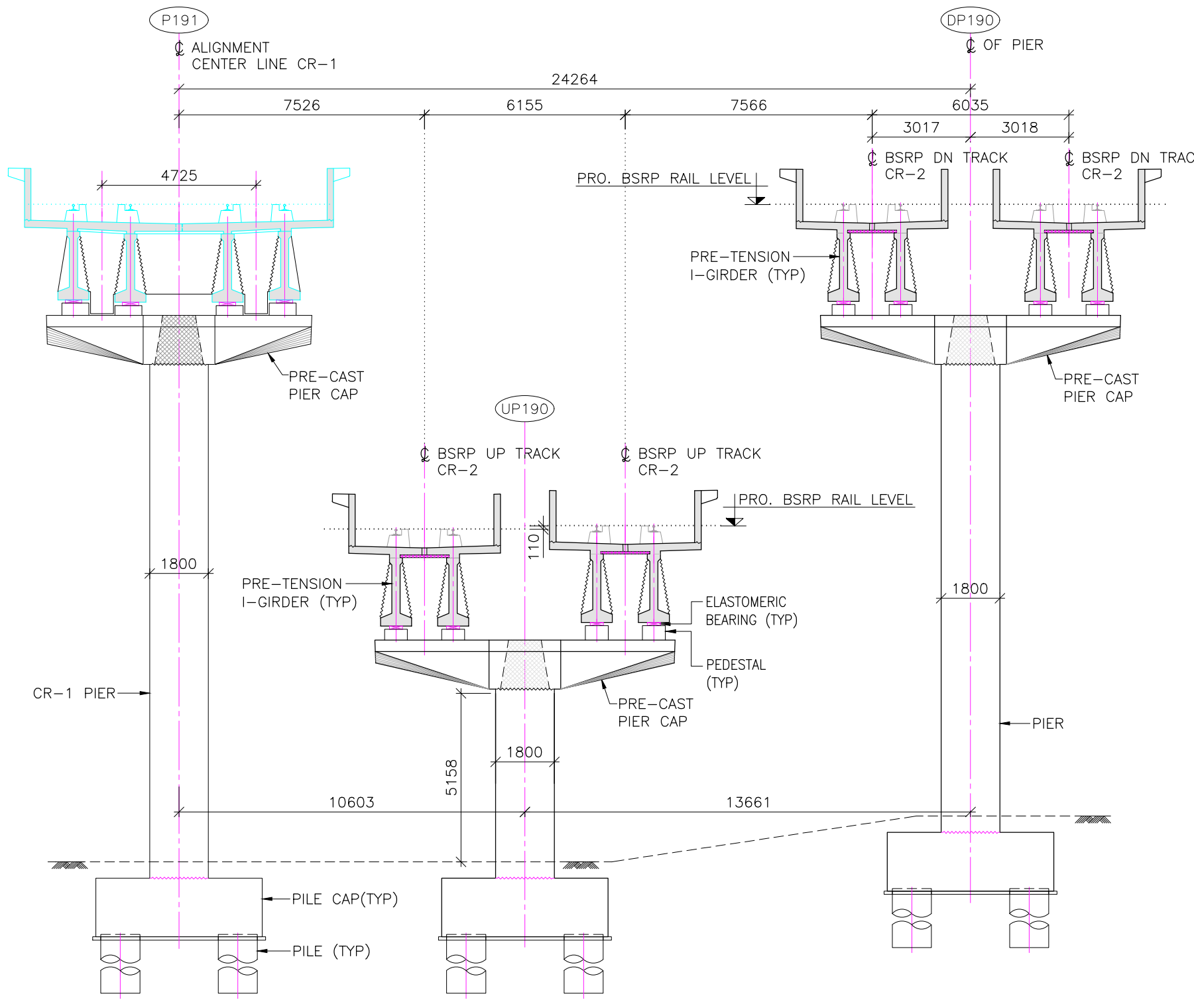
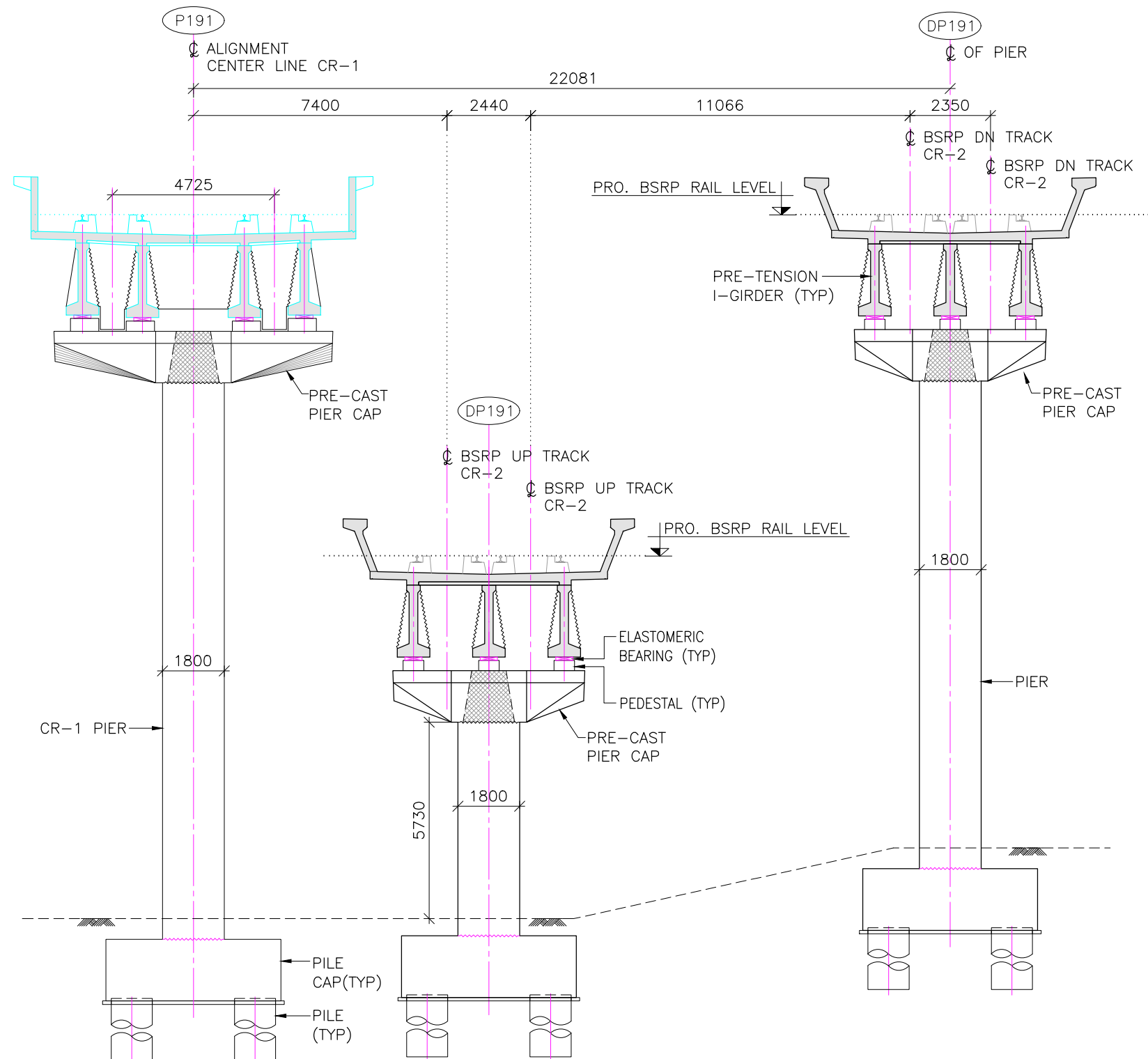
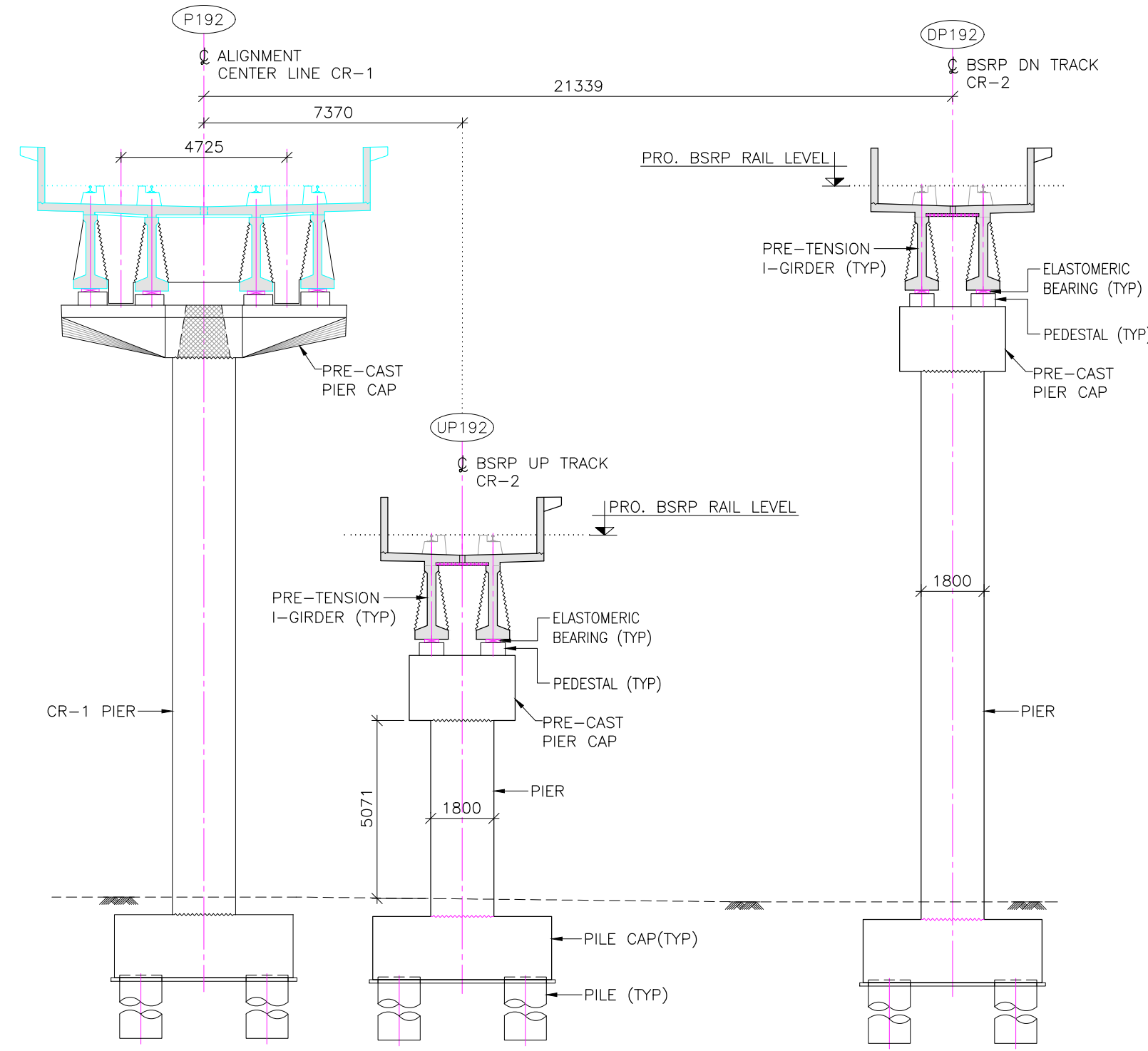
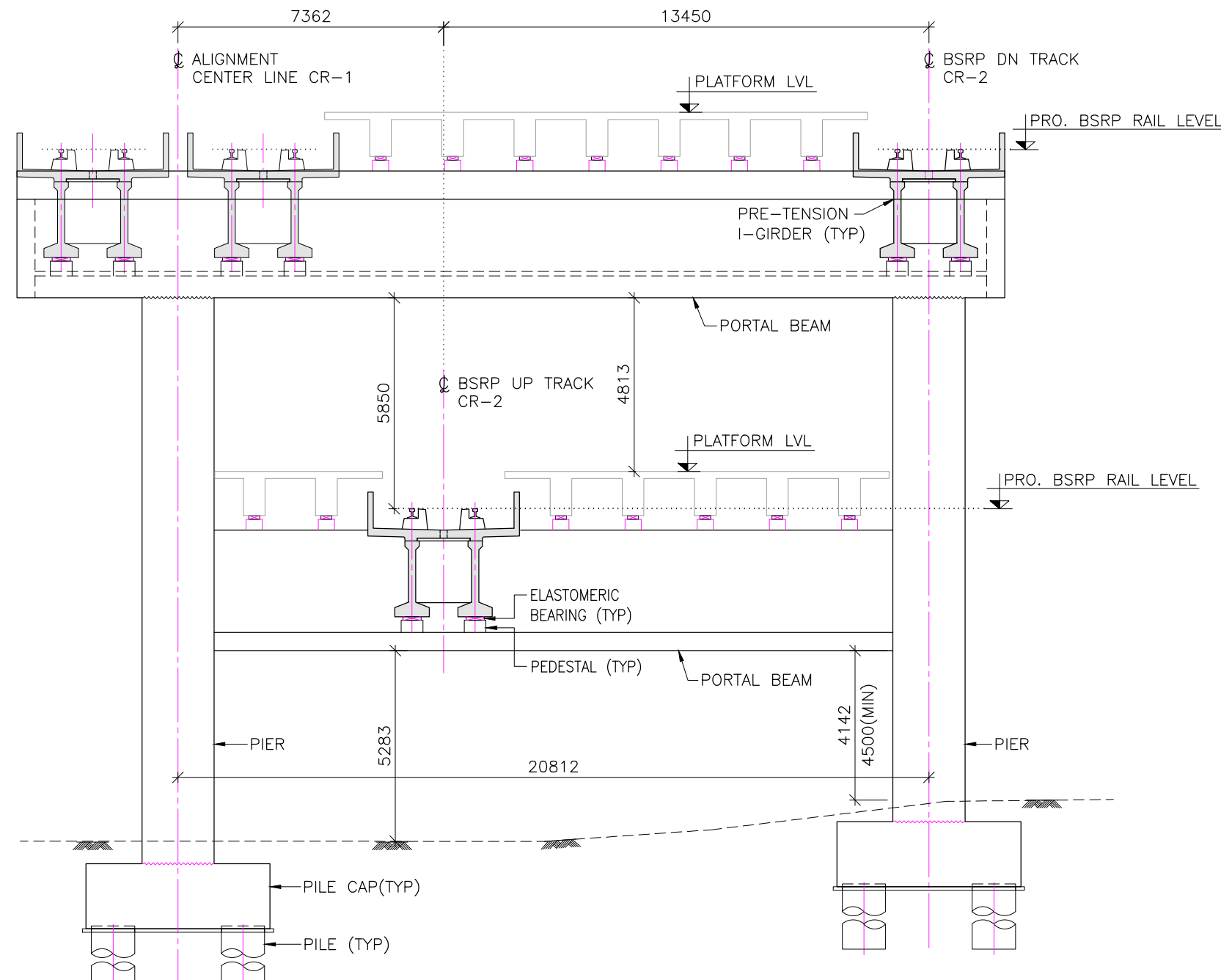
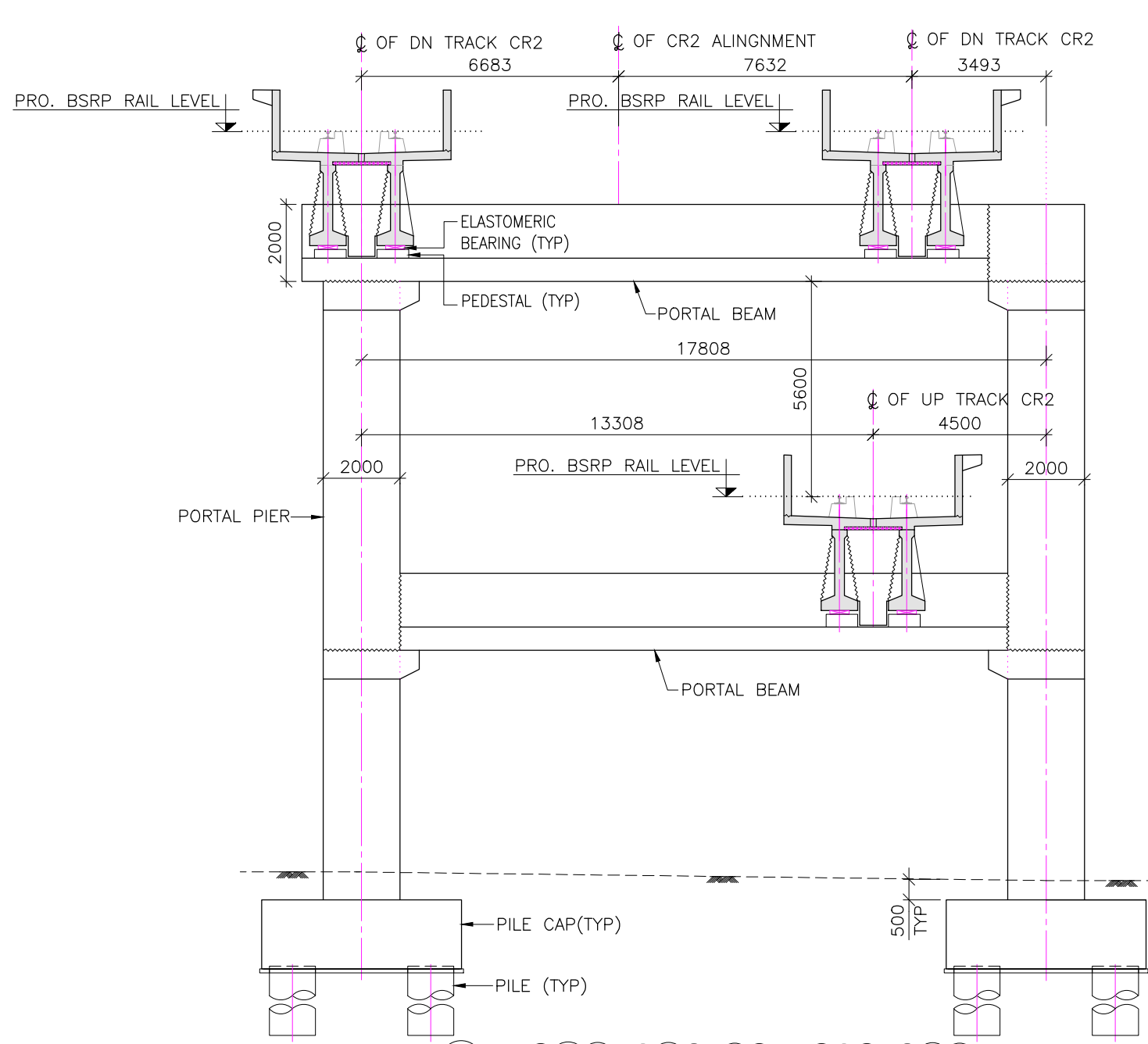


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PROJECT :		BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)	
		K-RIDE CORRIDOR - 2	
DRAWING TITLE :		GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km For CR2	
DRAWING NO. :		Q22077-BSRP-CR2-C-VD-GEN-20-2066	
		REVISION	DWG STATUS
SCALE : A3: AS SHOWN		d	D
PRELIMINARY DWS (P), DEFINITIVE DWS (D), CONSTRUCTION DWS (C), AS BUILT DWS (S), SHOP DRAW (S), MANUFACTURED DWS (M)			
SHEET NO.			



SP	DRAWING NO. : 022077-BSRP-CR2-C-VD-GEN-20-20667		REVISION	DWG STATUS
			C	D
	SCALE : AS SHOWN	DATE : 23.02.2024		
PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)				SHEET SIZE



REFERENCE DRAWINGS:- (LATEST REVISION)

022077-BSRP-CR2-C-VD-GEN-20-2061
022077-BSRP-CR2-C-VD-GEN-20-2062
022077-BSRP-CR2-C-VD-GEN-20-2063
022077-BSRP-CR2-C-VD-GEN-20-2064
022077-BSRP-CR2-C-VD-GEN-20-2065
022077-BSRP-CR2-C-VD-GEN-20-2066
022077-BSRP-CR2-C-VD-GEN-20-2067
022077-BSRP-CR2-C-VD-GEN-20-2069
022077-BSRP-CR2-C-VD-GEN-20-2070
022077-BSRP-CR2-C-VD-GEN-20-2071
022077-BSRP-CR2-C-VD-GEN-20-2072

GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2

022077-BSRP-CR2-C-VD-DGN-BR-20-4200
022077-BSRP-CR2-C-VD-DGN-BR-20-4201
022077-BSRP-CR2-C-VD-DGN-BR-20-4202

ROR ALONG CR2, UP & DOWN LINE BETWEEN CH. KM 16+550 TO 16+800

NOTES:

1. ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-GIRDER UNLESS OTHERWISE MENTIONED.
4. CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT.

LEGEND:

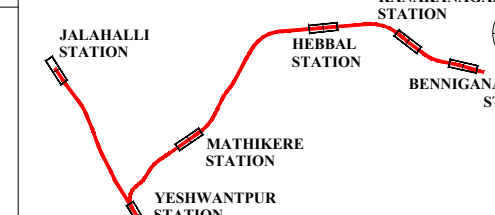
P : SINGLE PIER
DP : DOWN LINE SINGLE PIER
UP : UP LINE SINGLE PIER
PP : PORTAL PIER
CP : CANTILEVER PIER (PIER WITH ECCENTRIC PIER CAP)

REFERENCE DRAWINGS:

022077-C-RL-TR-PP-0001 TO 0025.....
ALIGNMENT PLAN & PROFILE FROM CH: -0+980 TO CH: 24+420

REFERENCE DOCUMENTS:

KEY PLAN



STATION BOX KEY PLAN



REV	DATE	BRIEF DESCRIPTION
b	17.05.2024	REVISED DUE TO CHANGE IN PLAN & PROFILE
a	23.02.2024	FOR APPROVAL

CONTRACTOR:	TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES
DETAILED DESIGN CONSULTANT (DDC):	STUP Consultants Pvt. Ltd. PLOT NO. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 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

PROOF CONSULTANT (PC):	Indian Institute of Technology Madras IIT P.O., Chennai 600 036 INDIA
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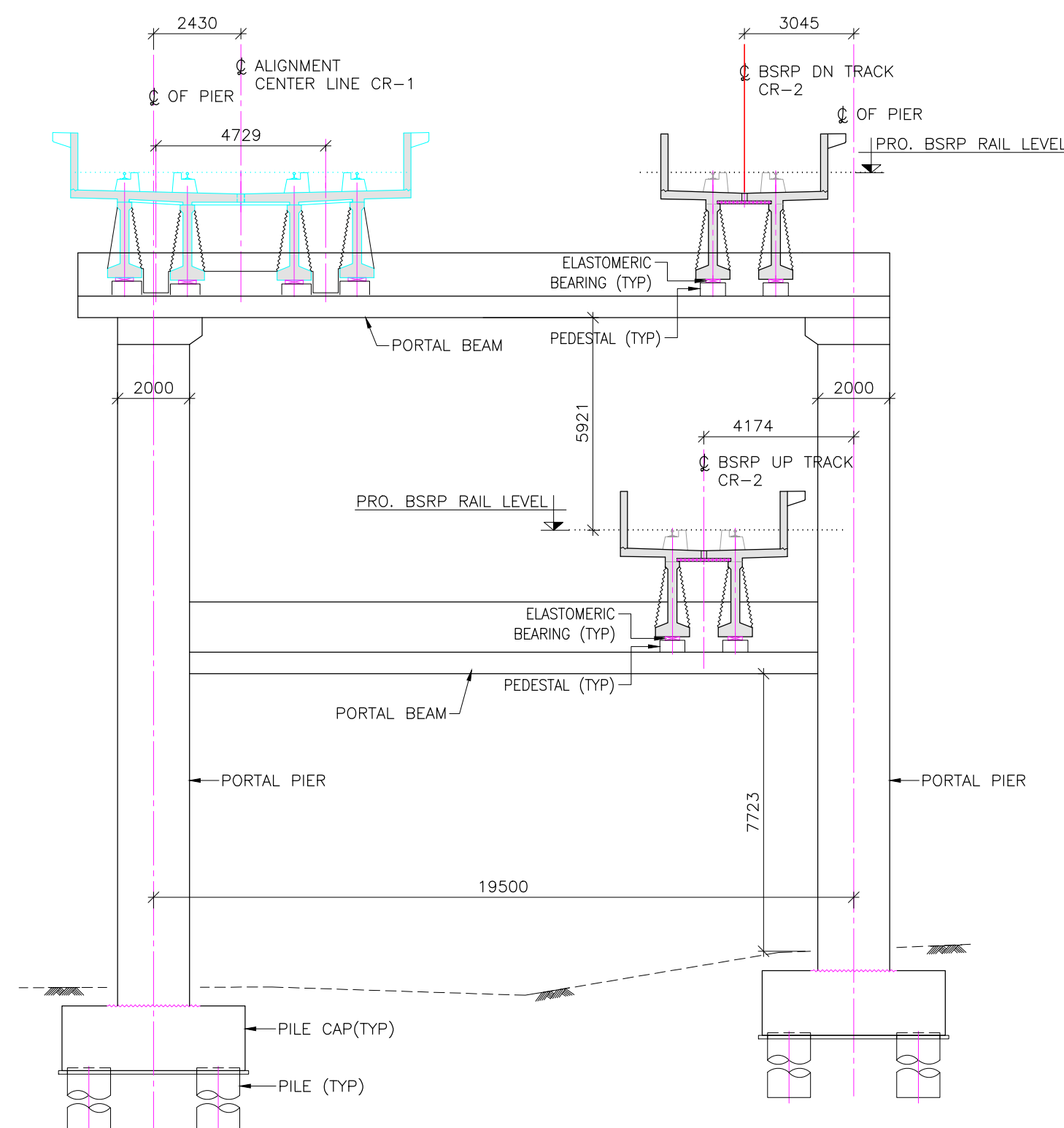
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17/05/2024	MLR	SSV	PC	KVM

NAME	SIGN	COUNTER SIGN
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CIVIL ALIGNMENT		
CIVIL STRUCTURAL		
CIVIL GEOTECH		

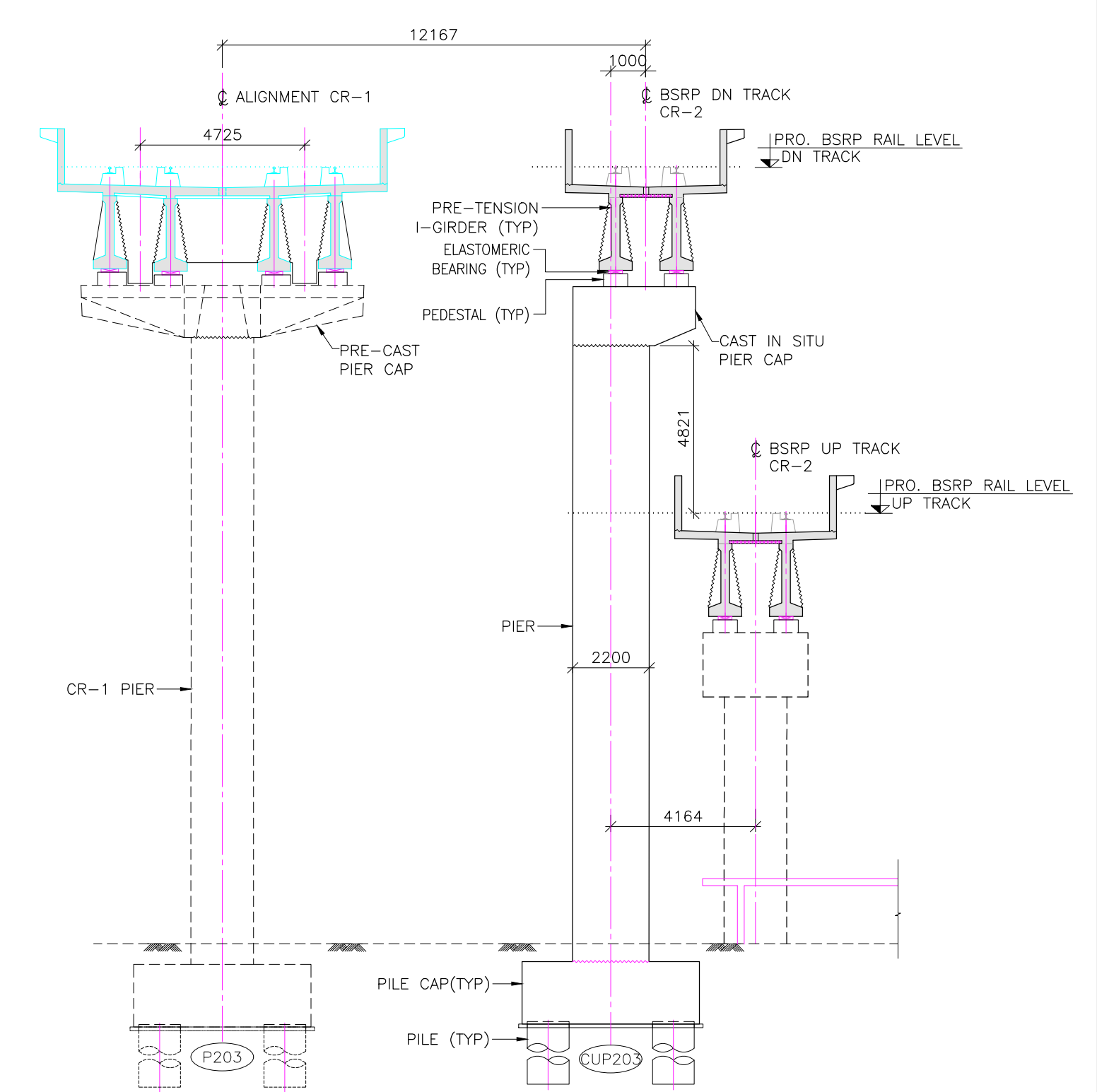
NAME	SIGN	COUNTER SIGN
CIVIL GAD		
CIVIL ALIGNMENT		
CIVIL STRUCTURAL		
CIVIL GEOTECH		

NAME	SIGN	COUNTER SIGN
CIVIL GAD		
CIVIL ALIGNMENT		
CIVIL STRUCTURAL		
CIVIL GEOTECH		

PROJECT:	BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2
DRAWING TITLE:	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
DRAWING NO.:	022077-BSRP-CR2-C-VD-GEN-20-2068
REVISION	b
DWG STATUS	D
SCALE:	AS SHOWN
DATE:	23.02.2024
SHEET SIZE:	A1



TYPICAL CROSS SECTION-15
(SCALE 1:150)
(APPLICABLE FOR PP202A)



TYPICAL CROSS SECTION-17
(SCALE 1:150)
(APPLICABLE FOR CDP203)

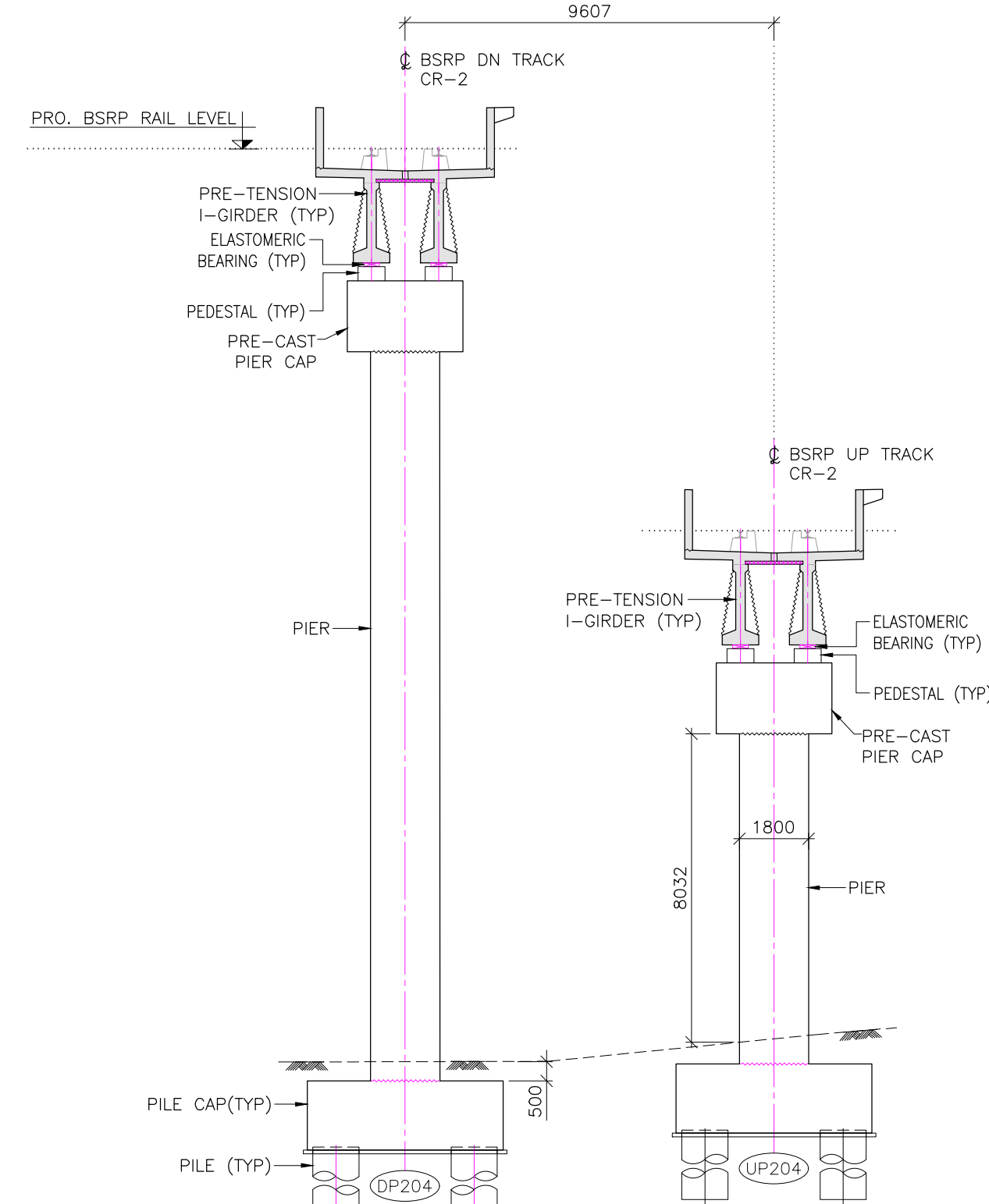
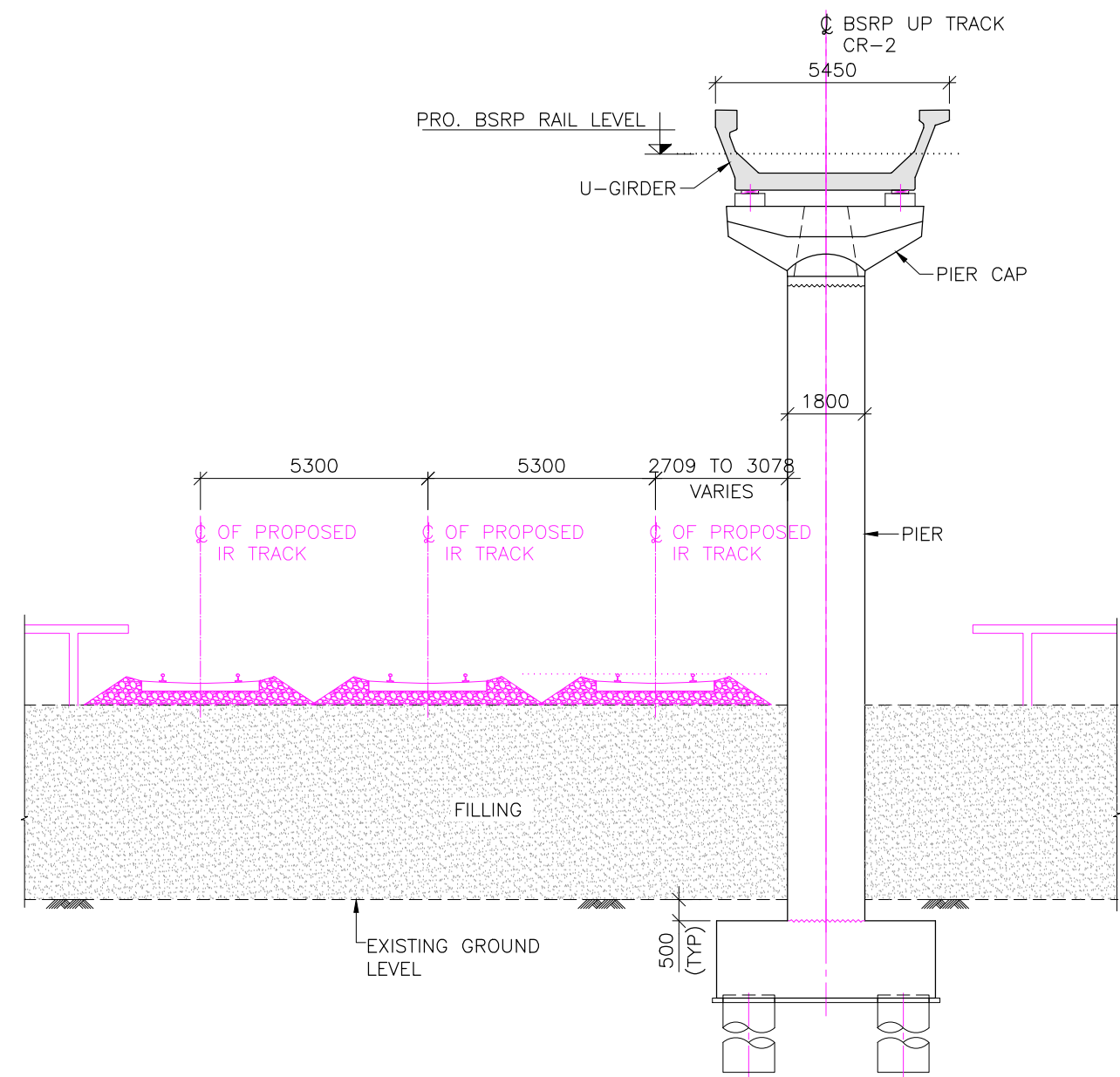
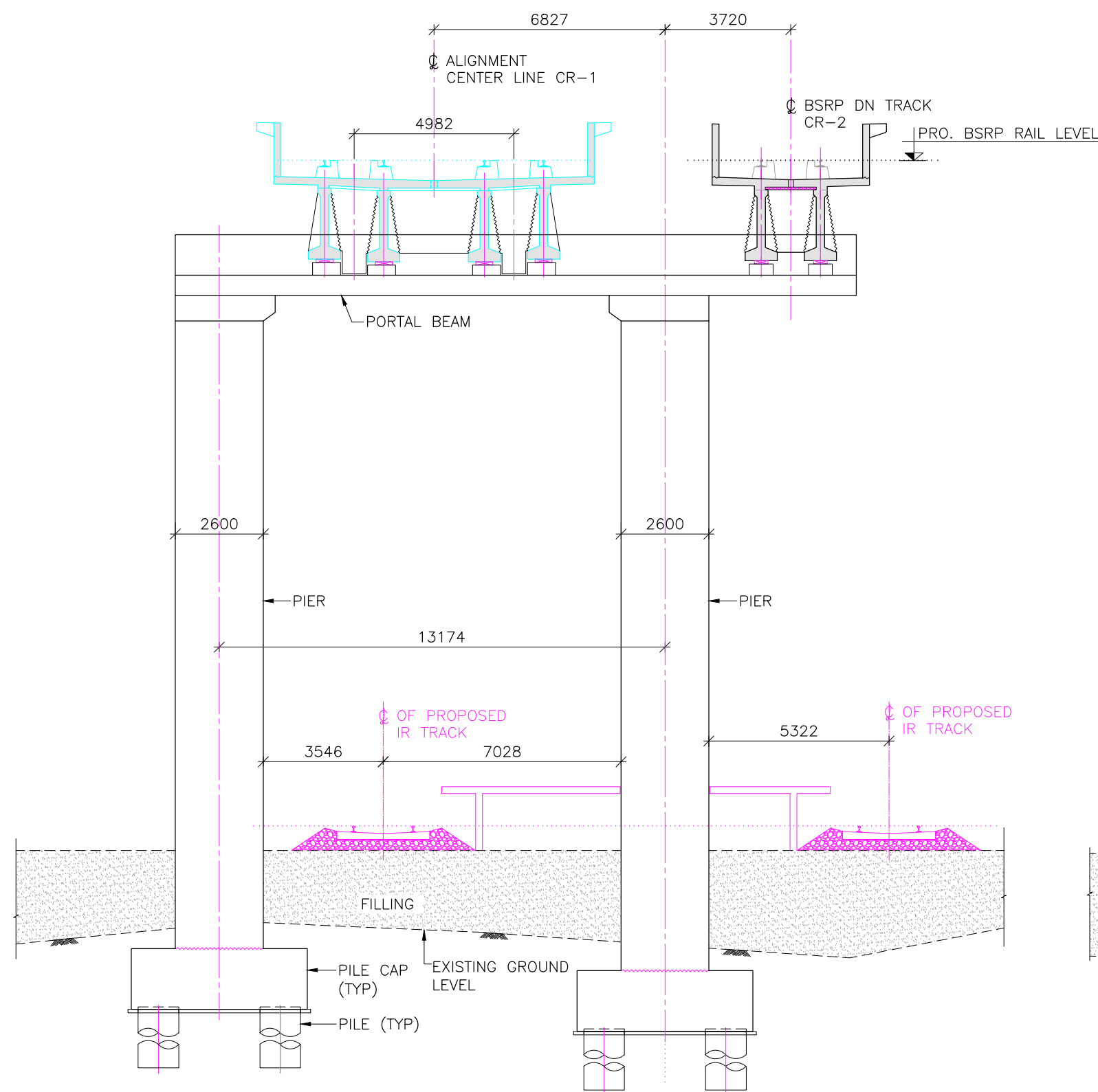


Figure 1 is a cross-sectional diagram of a precast concrete pier for a proposed BSRP rail track. The diagram shows a vertical pier with a pre-cast pier cap supporting two pre-tensioned I-girders. The girders are connected to a BSRP DP Track CR-2. The pier is 1800 units wide at the top and 500 units wide at the base. The base is 500 units above the existing ground level. The pier is labeled "PIER" and the ground level is labeled "EXISTING GROUND LEVEL".

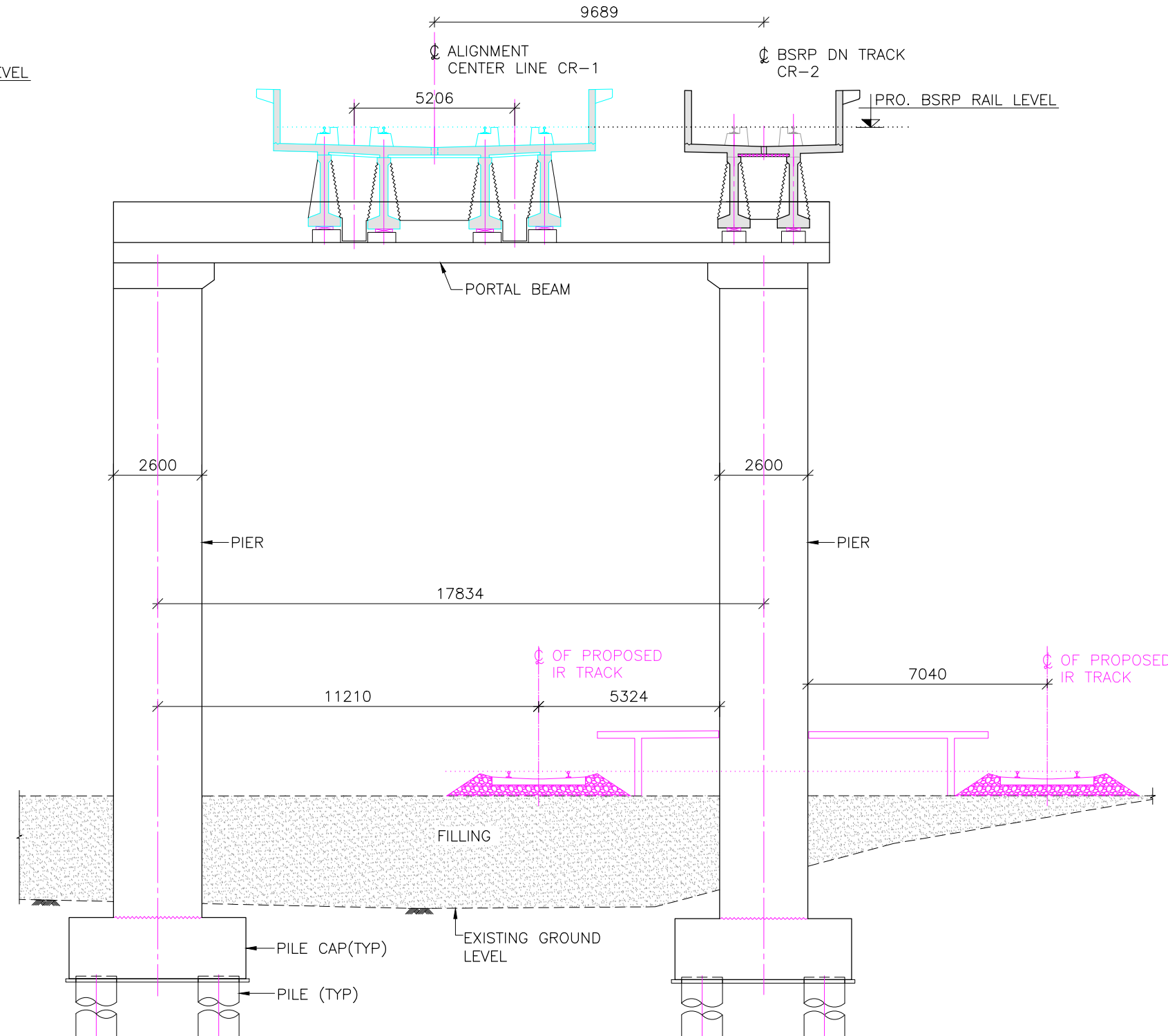
STATION BOX KEY PLAN					
<div style="border: 1px solid black; width: 100%; height: 100%;"></div>					
PROJECT :	BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2				
DRAWING TITLE :	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2				
DRAWING NO. :	O22077-BSRP-CR2-C-VD-GEN-20-2069				
SCALE : AS SHOWN	DATE : 23.02.2024				
PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">REVISION</td> <td style="width: 50%; text-align: center; padding: 5px;">DWG STATUS</td> </tr> <tr> <td style="text-align: center; padding: 5px;">b</td> <td style="text-align: center; padding: 5px;">D</td> </tr> </table>	REVISION	DWG STATUS	b	D
REVISION	DWG STATUS				
b	D				
SHEET SIZE - A1					



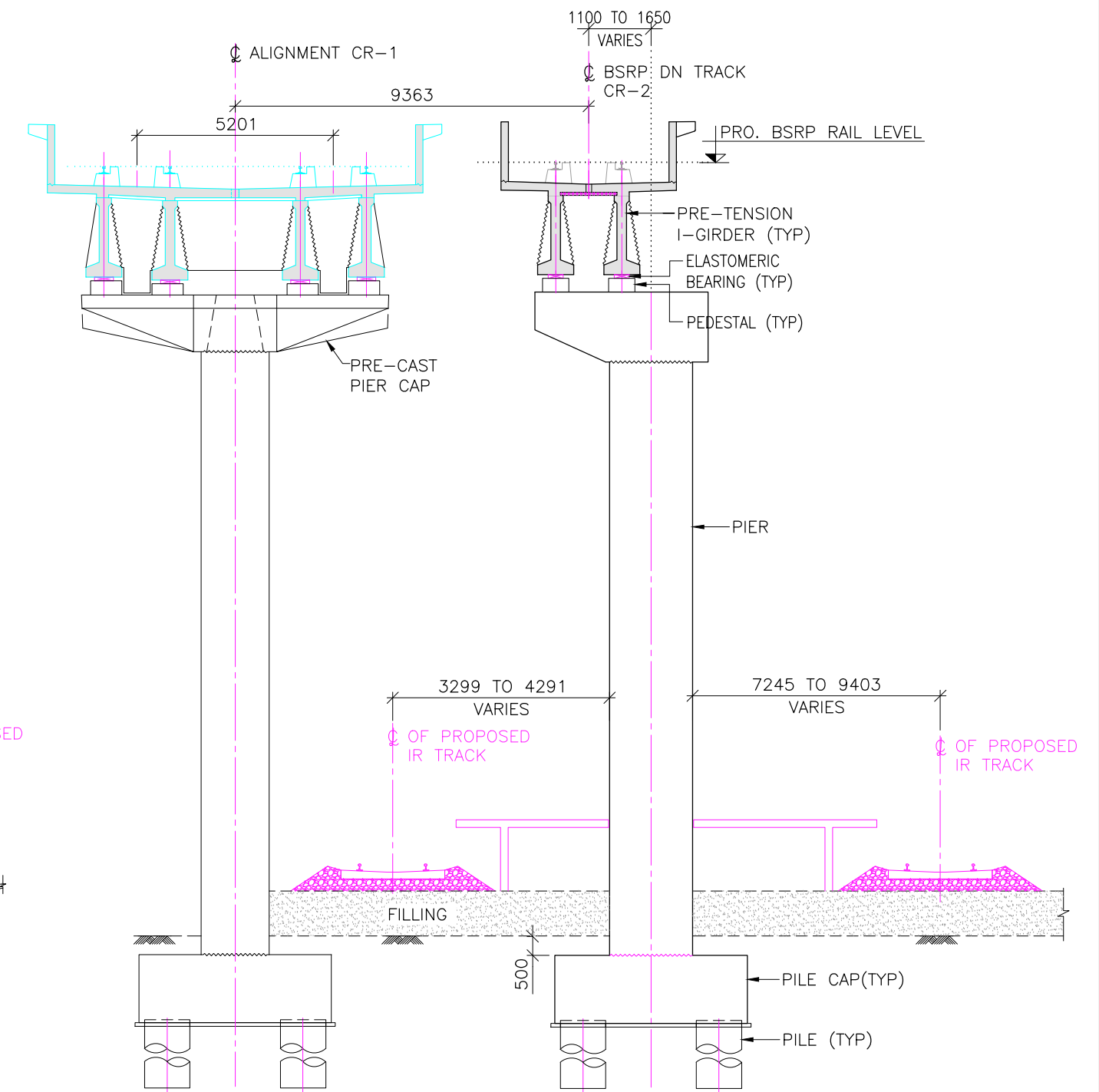
TYPICAL CROSS SECTION-22
(SCALE 1:150)
(APPLICABLE FOR DPP207 TO DPP211)



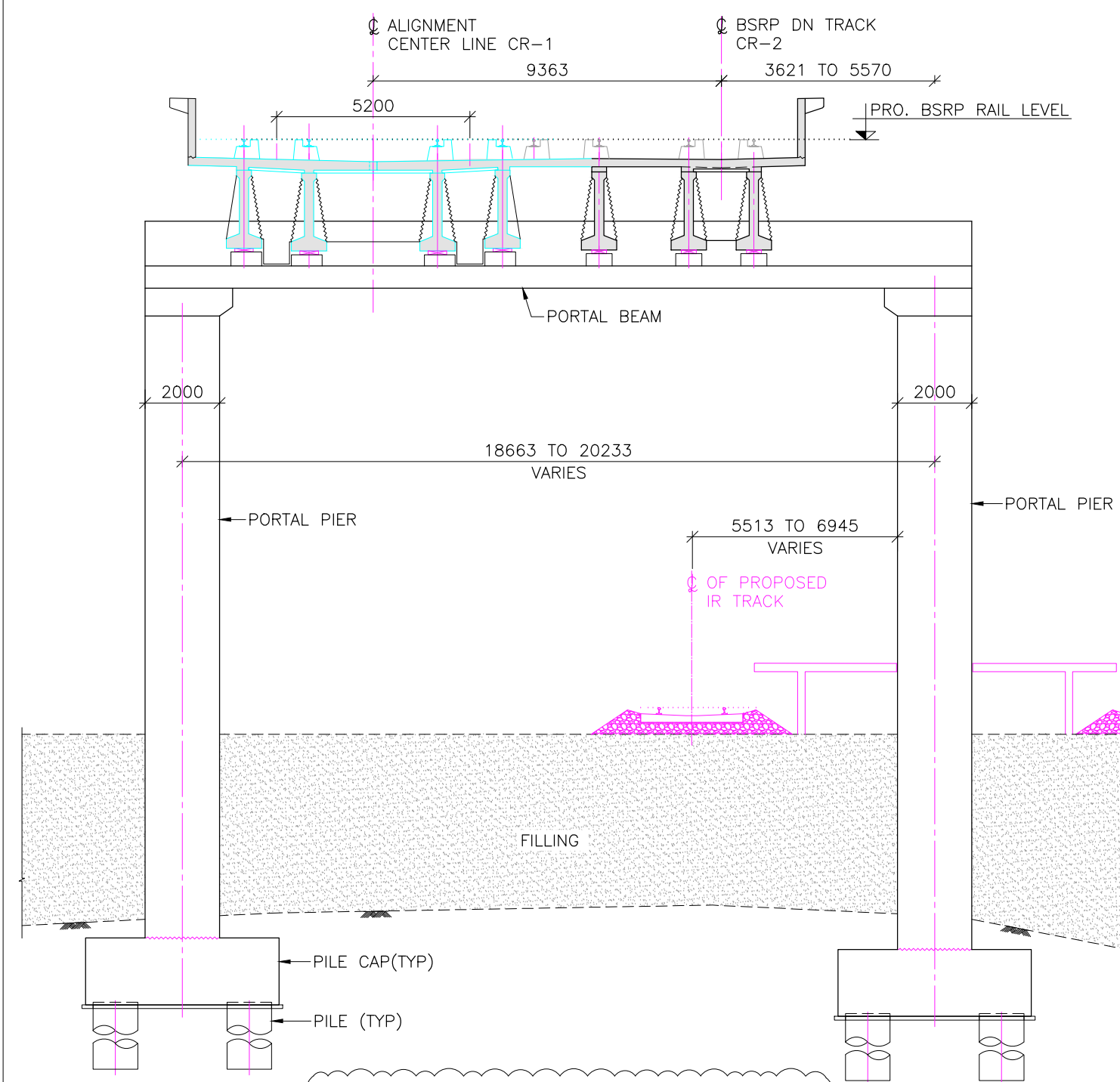
TYPICAL CROSS SECTION-23
(SCALE 1:150)
(APPLICABLE FOR DPP206)



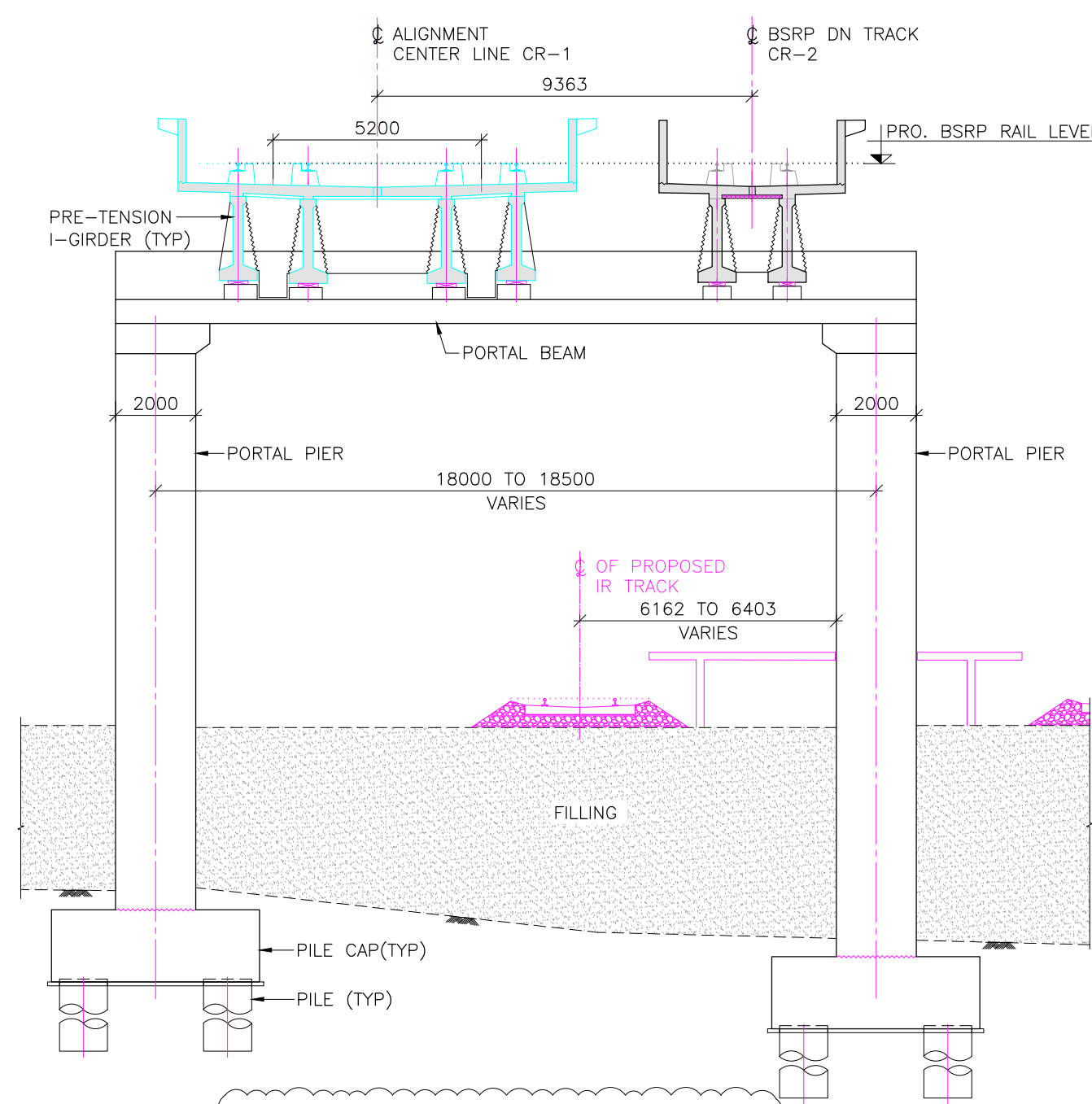
TYPICAL CROSS SECTION-24
(SCALE 1:150)
(APPLICABLE FOR DPP207)



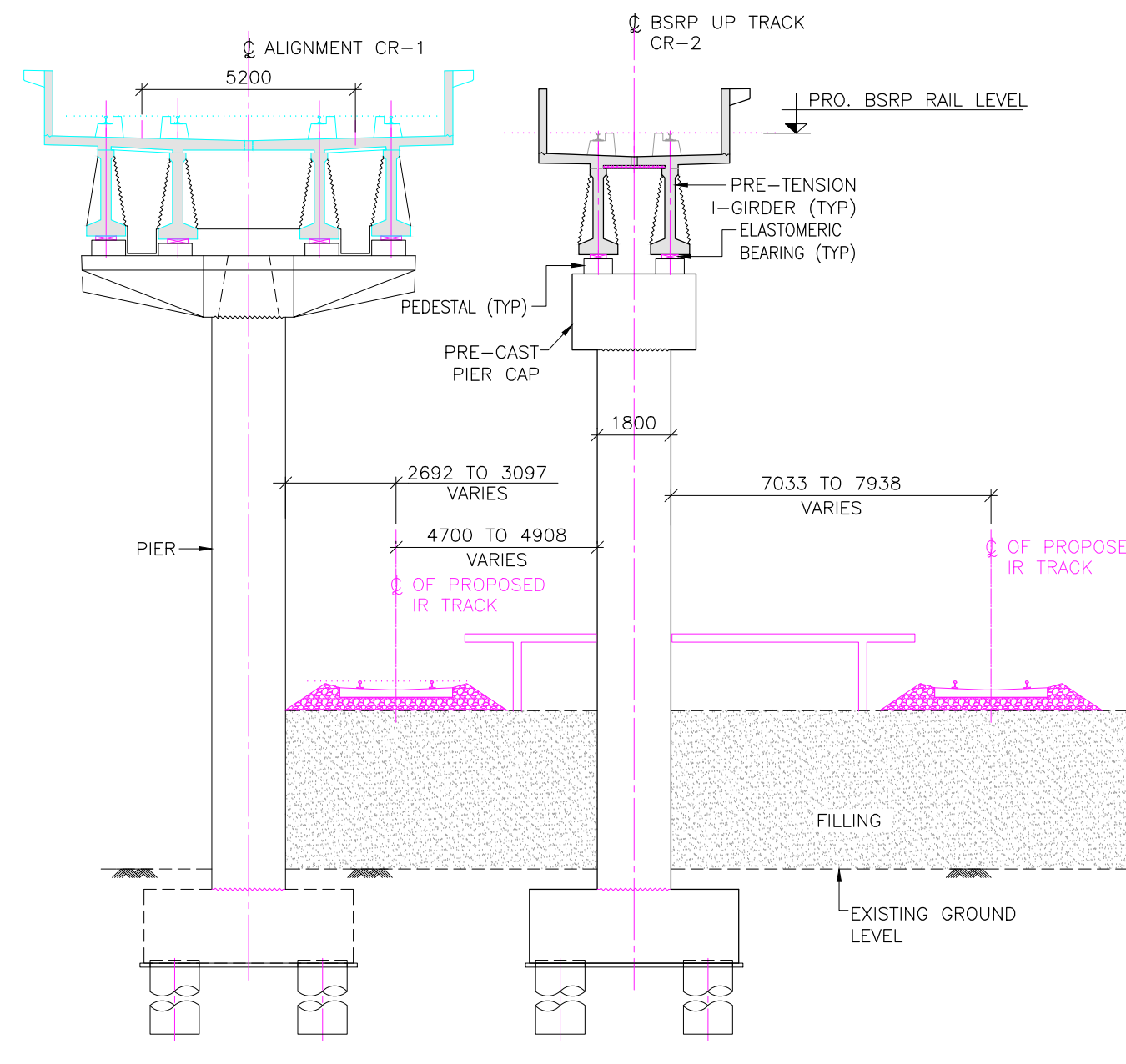
TYPICAL CROSS SECTION-25
(SCALE 1:150)
(APPLICABLE FOR DPP208 TO DPP210)



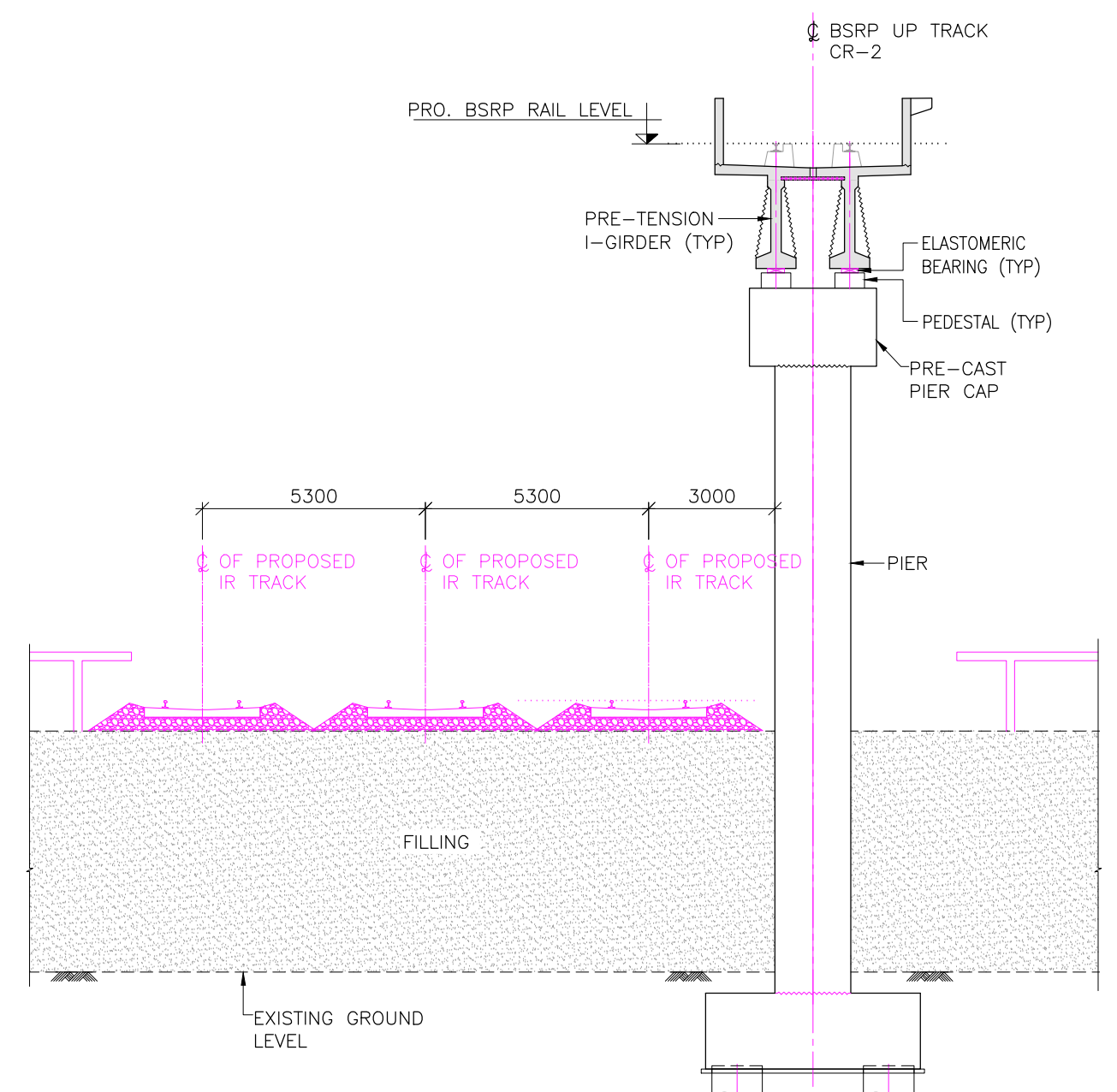
TYPICAL CROSS SECTION-15
(SCALE 1:150)
(APPLICABLE FOR DPP211 TO DPP214)



TYPICAL CROSS SECTION-16
(SCALE 1:150)
(APPLICABLE FOR DPP215 & DPP216)



TYPICAL CROSS SECTION-30
(SCALE 1:150)
(APPLICABLE FOR DPP218, DPP219 & DPP222)



TYPICAL CROSS SECTION-29
(SCALE 1:150)
(APPLICABLE FOR DPP222)

REFERENCE DRAWINGS:- (LATEST REVISION)

022077-BSRP-CR2-C-VD-GEN-20-2061	
022077-BSRP-CR2-C-VD-GEN-20-2062	
022077-BSRP-CR2-C-VD-GEN-20-2063	
022077-BSRP-CR2-C-VD-GEN-20-2064	
022077-BSRP-CR2-C-VD-GEN-20-2065	
022077-BSRP-CR2-C-VD-GEN-20-2066	
022077-BSRP-CR2-C-VD-GEN-20-2067	
022077-BSRP-CR2-C-VD-GEN-20-2068	
022077-BSRP-CR2-C-VD-GEN-20-2069	
022077-BSRP-CR2-C-VD-GEN-20-2071	
022077-BSRP-CR2-C-VD-GEN-20-2072	

GENERAL ARRANGEMENT DRAWING FOR
VIADUCT PORTION UP LINE & DOWN LINE
FROM CH. 16+461.903 Km TO 18.100
Km FOR CR2

022077-BSRP-CR2-C-VD-DGN-BR-20-4200	
022077-BSRP-CR2-C-VD-DGN-BR-20-4201	

ROR ALONG CR2, UP & DOWN LINE
BETWEEN CH. KM 16+550 TO 16+800

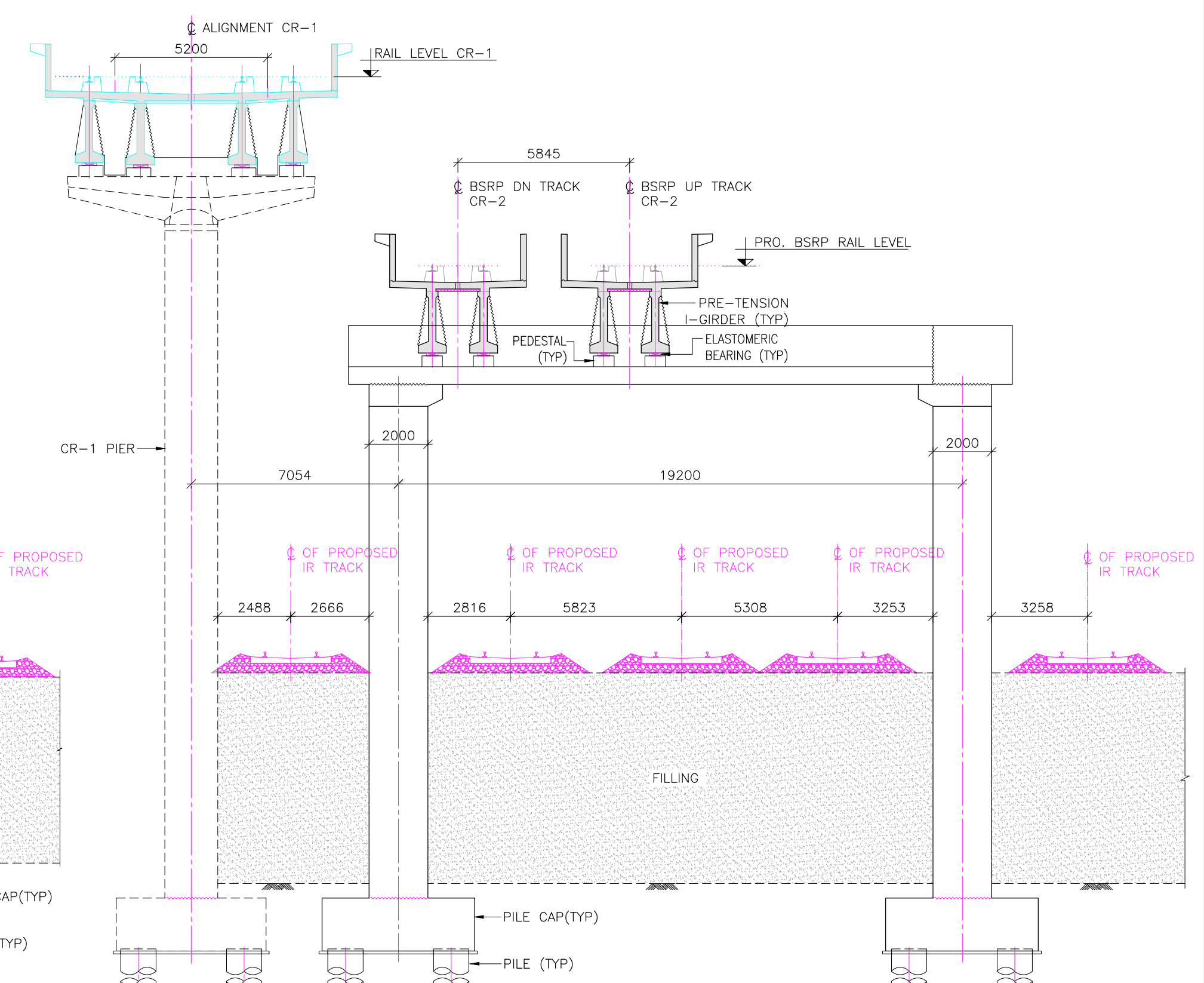
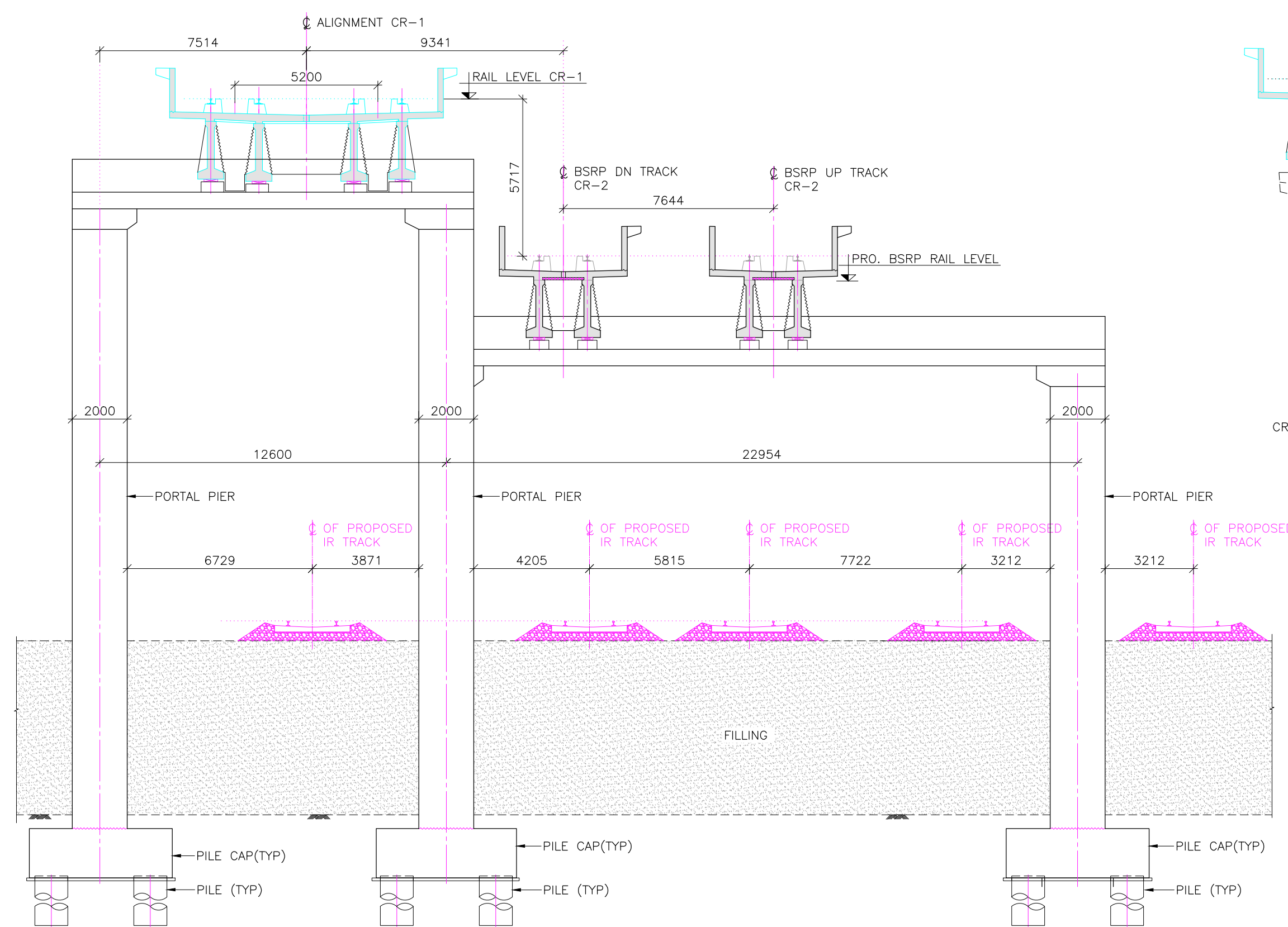
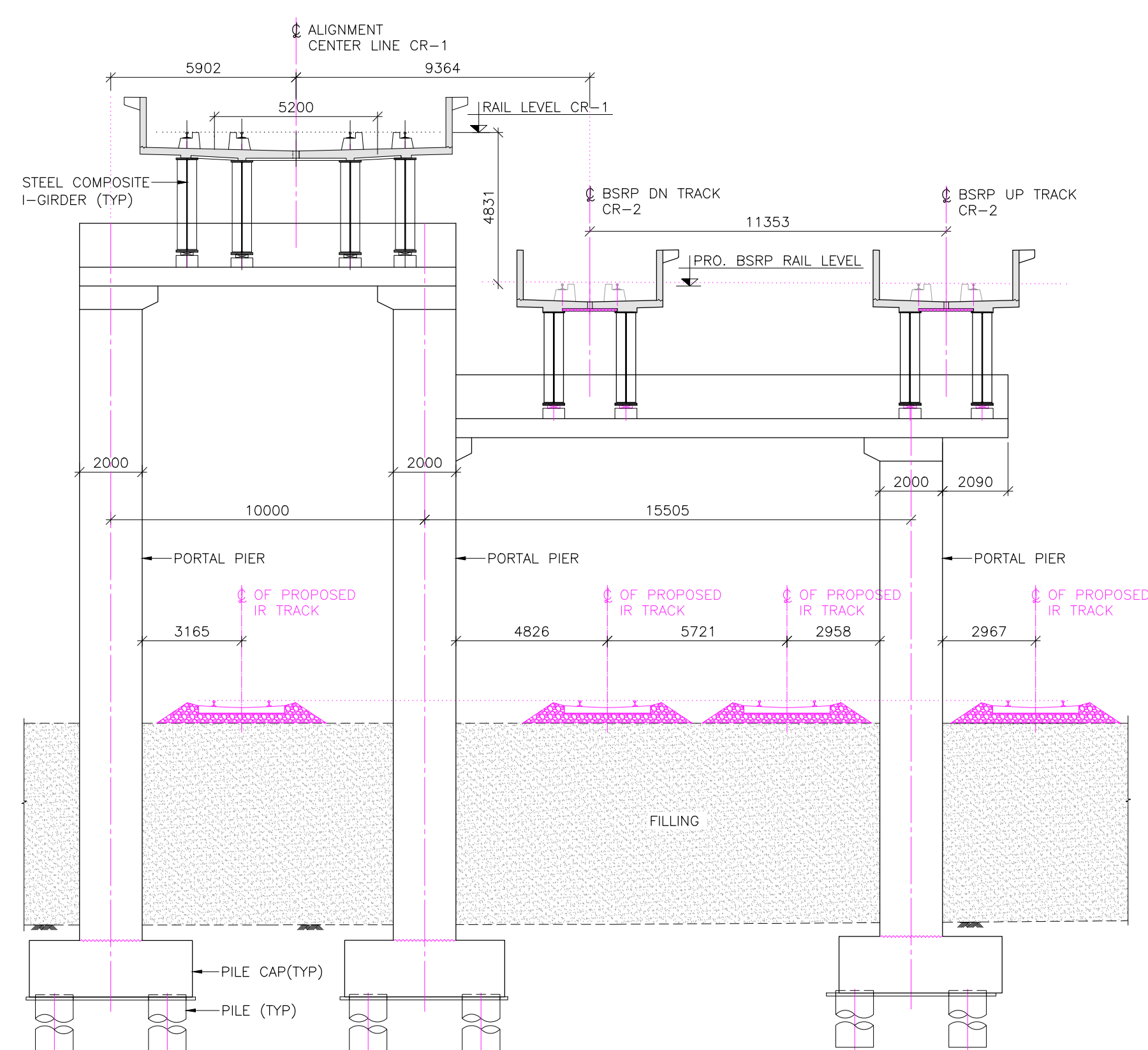
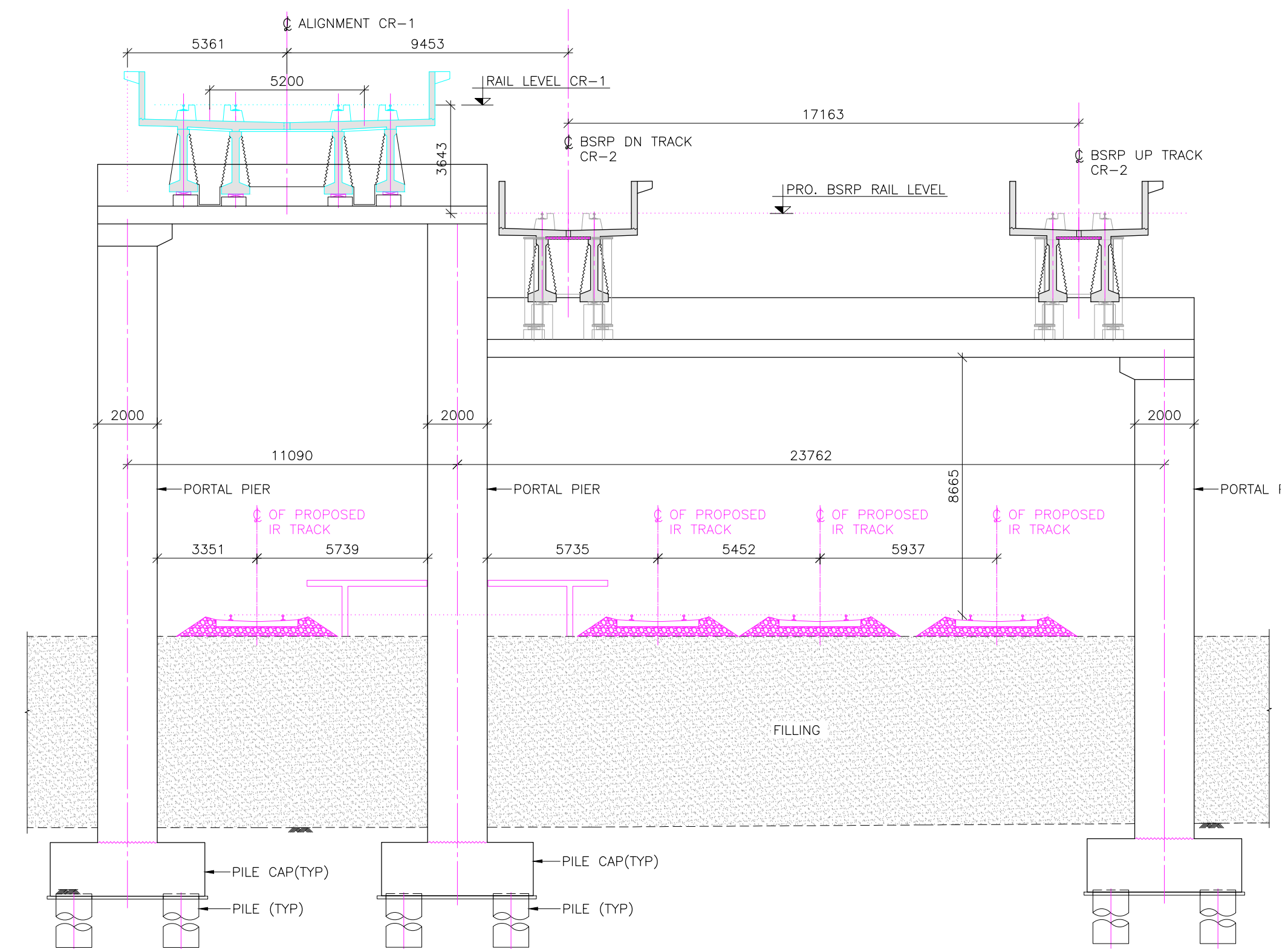
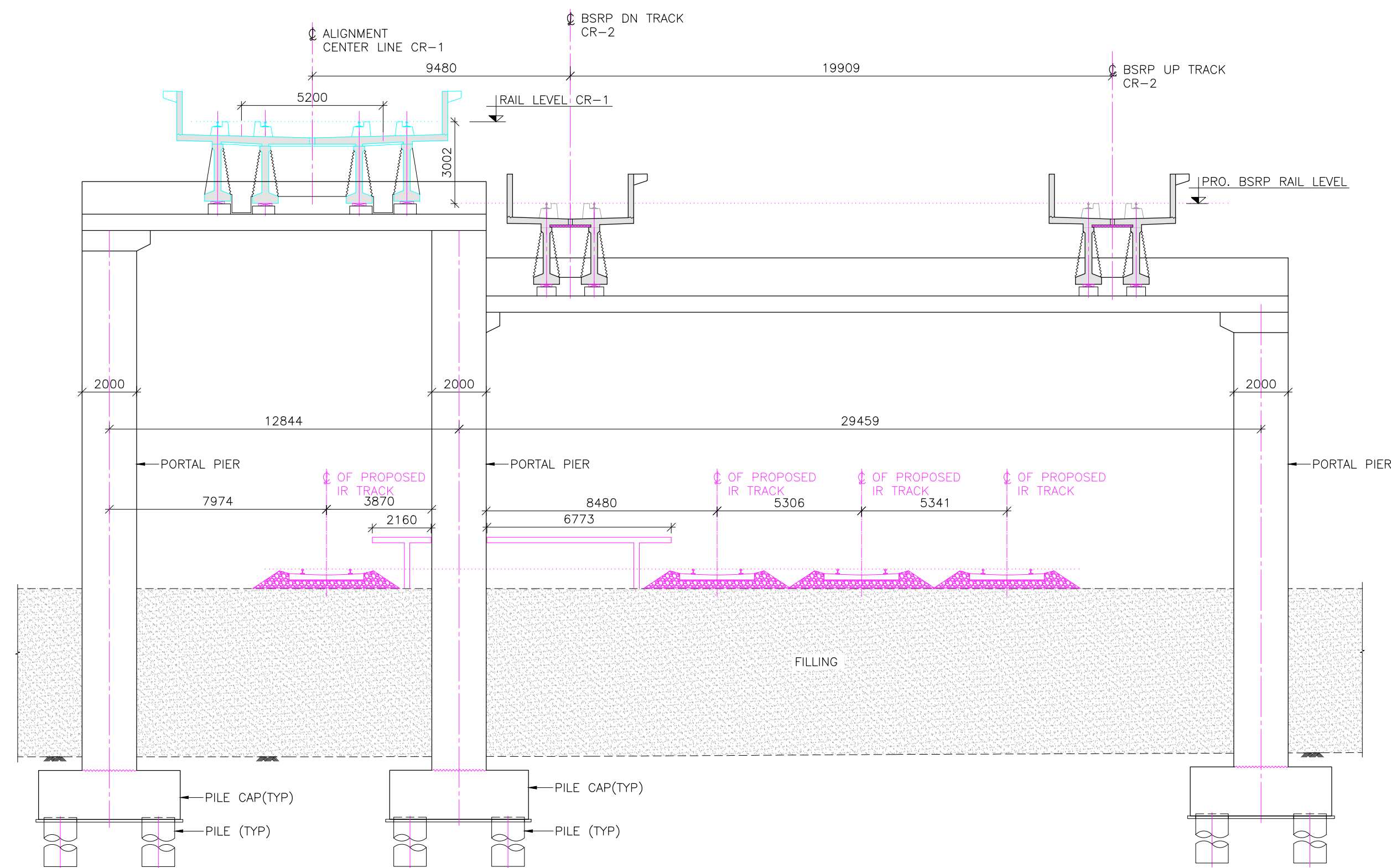
NOTES:

1. ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-GIRDER UNLESS OTHERWISE MENTIONED.
4. CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT.

REV	DATE	BRIEF DESCRIPTION
a	23.02.2024	FOR APPROVAL
b	17.05.2024	REVISED DUE TO CHANGE IN PLAN & PROFILE
c	12.07.2024	GENERALLY REVISED

CONTRACTOR:	TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES
DETAILED DESIGN CONSULTANT (DDC):	STUP Consultants Pvt. Ltd. PLOT NO. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 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

CONTRACTOR:	TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES
DETAILED DESIGN CONSULTANT (DDC):	STUP Consultants Pvt. Ltd. PLOT NO. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 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, 93



REFERENCE DRAWINGS:— (LATEST REVISION)

022077-BSRP-CR2-C-V0-GEN-20-2061	
022077-BSRP-CR2-C-V0-GEN-20-2062	
022077-BSRP-CR2-C-V0-GEN-20-2063	
022077-BSRP-CR2-C-V0-GEN-20-2064	
022077-BSRP-CR2-C-V0-GEN-20-2065	
022077-BSRP-CR2-C-V0-GEN-20-2066.....	GENERAL ARRANGEMENT DRAWING FOR
022077-BSRP-CR2-C-V0-GEN-20-2067	VIADUCT PORTION UP LINE & DOWN LINE
022077-BSRP-CR2-C-V0-GEN-20-2068	FROM CH. 16+461.903 Km TO 18.100
022077-BSRP-CR2-C-V0-GEN-20-2069	Km FOR CR2
022077-BSRP-CR2-C-V0-GEN-20-2070	
022077-BSRP-CR2-C-V0-GEN-20-2072	

022077-BSRP-CR2-C-VD-DGN-BR-20-4200
022077-BSRP-CR2-C-VD-DGN-BR-20-4201.....ROR ALONG CR2. UP & DOWN LINE
BETWEEN CH. KM 16+550 TO 16+800

NOTES :

- | |
|--|
| 1. ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-GIRDER UNLESS OTHERWISE MENTIONED.
4. CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT. |
|--|

LEGEND

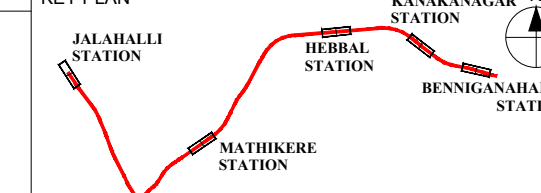
P : SINGLE PIER
DP : DOWN LINE SINGLE
UP : UP LINE SINGLE
PP : PORTAL PIER
CP : CANTILEVER PIER
(PIER WITH
ECCENTRIC PIER CAP)

REFERENCE DRAWINGS :

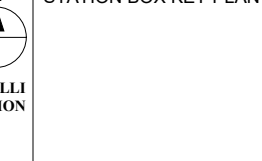
022077-C-RL-TR-PP-0001 TO 0025.....
ALIGNMENT PLAN & PROFILE FROM CH: -0+980 TO CH: 24+420

REFERENCE DOCUMENTS :

	KEY PLAN
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	STATION BOX KEY PLAN
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EMPLOYEE

 RAIL INFRASTRUCTURE
DEVELOPMENT COMPANY
(KARNATAKA) LIMITED

K RIDE (10/10/17)

GENERAL CONSULTANTS :

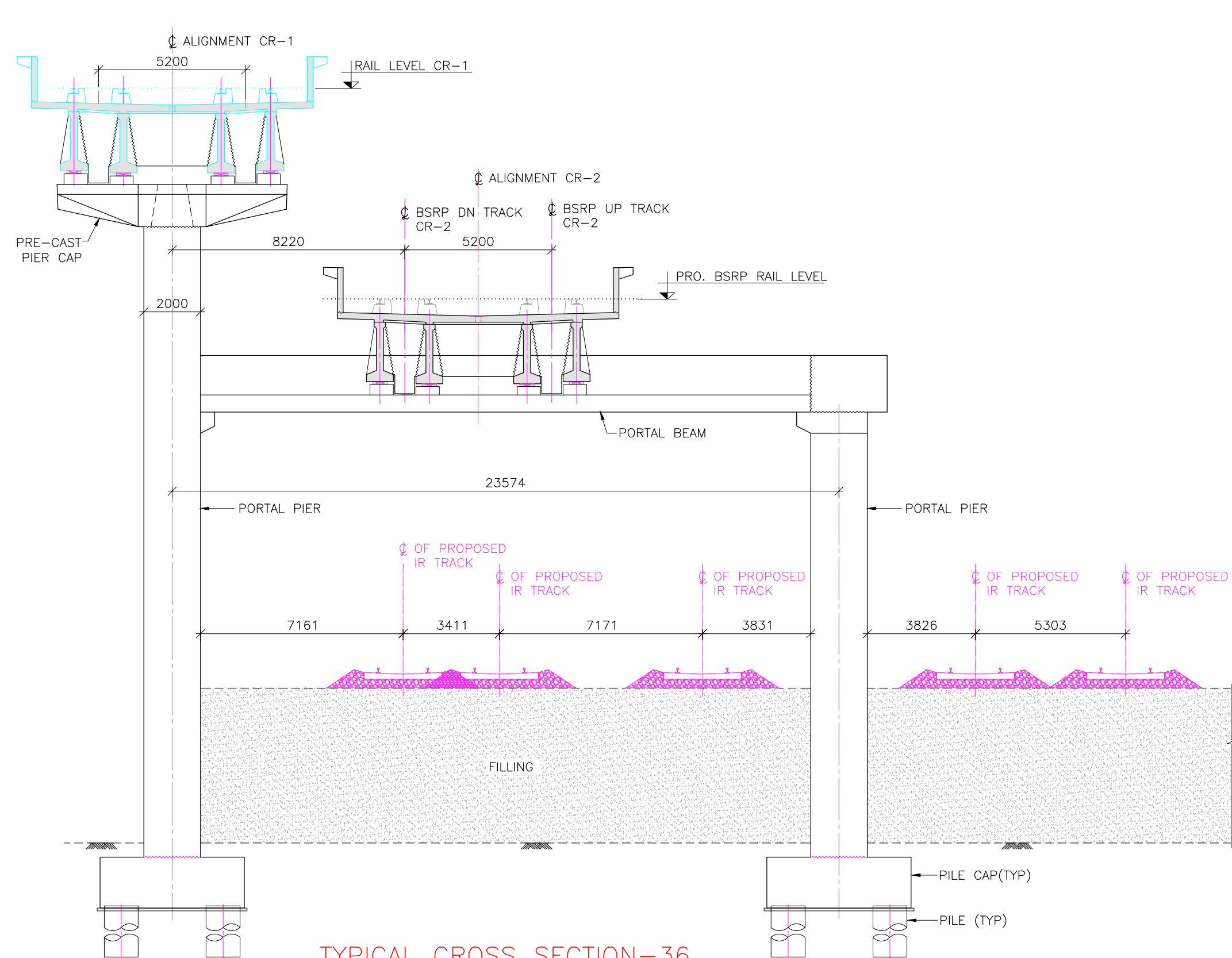
AECOM  **egis**  **wsp**  AECOM-EGIS-WSP

PROJECT : BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)
K-RIDE CORRIDOR - 2

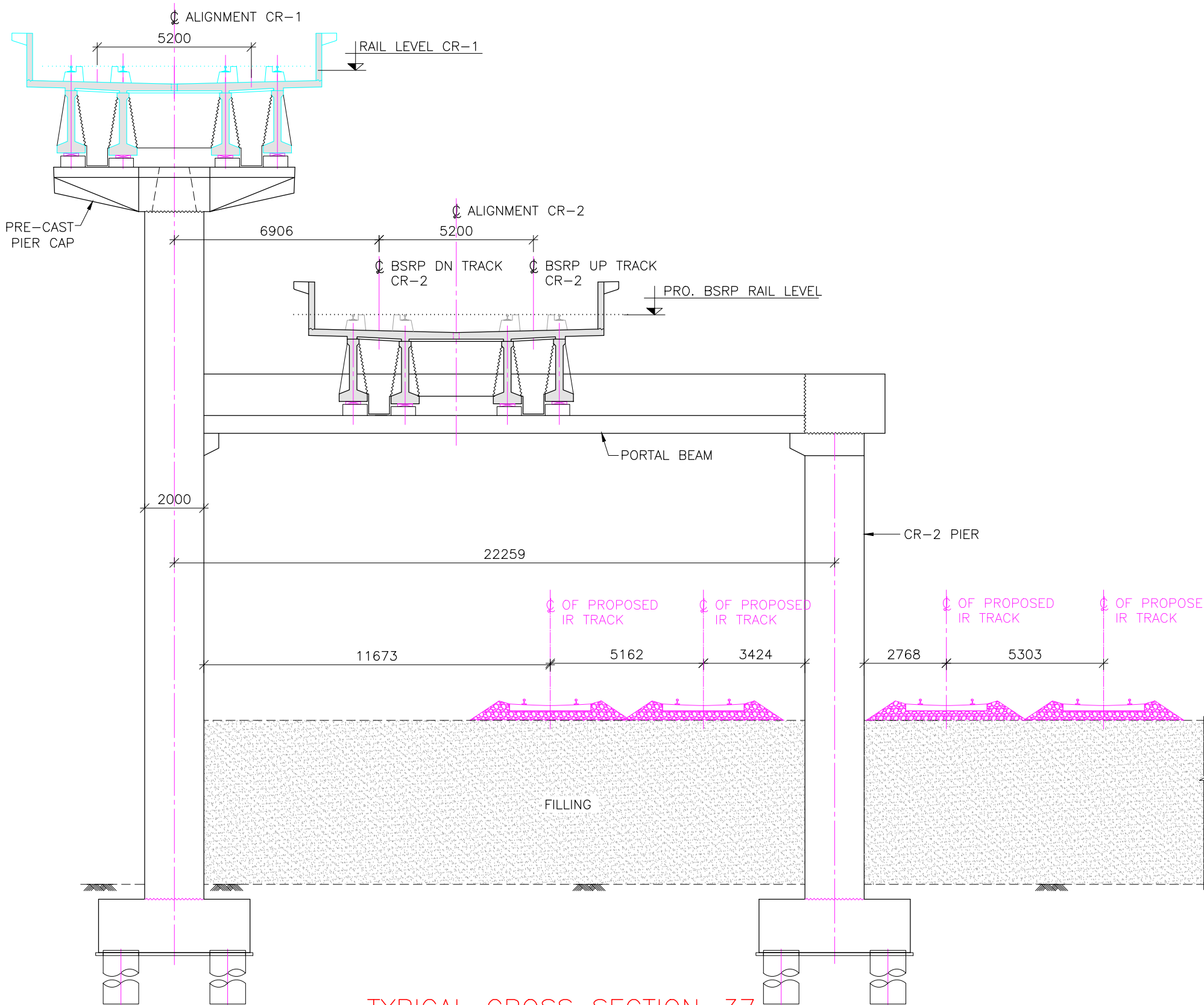
DRAWING TITLE :	GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2
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DRAWING NO. : O22077-BSRP-CR2-C-VD-GEN-20-2071

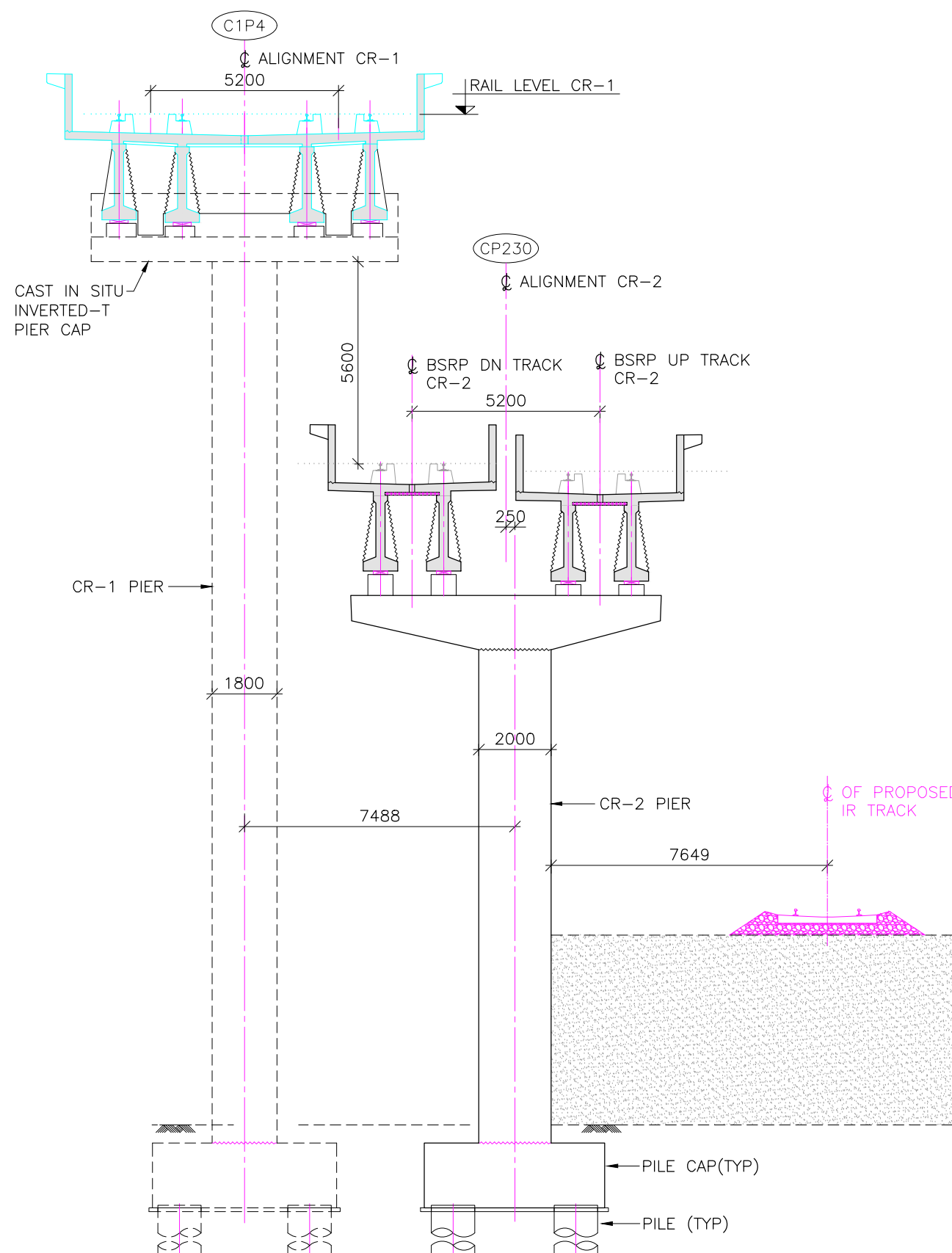
SCALE : AS SHOWN		DATE : 23.02.2024	b	D
PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)				SHEET SIZE - A1



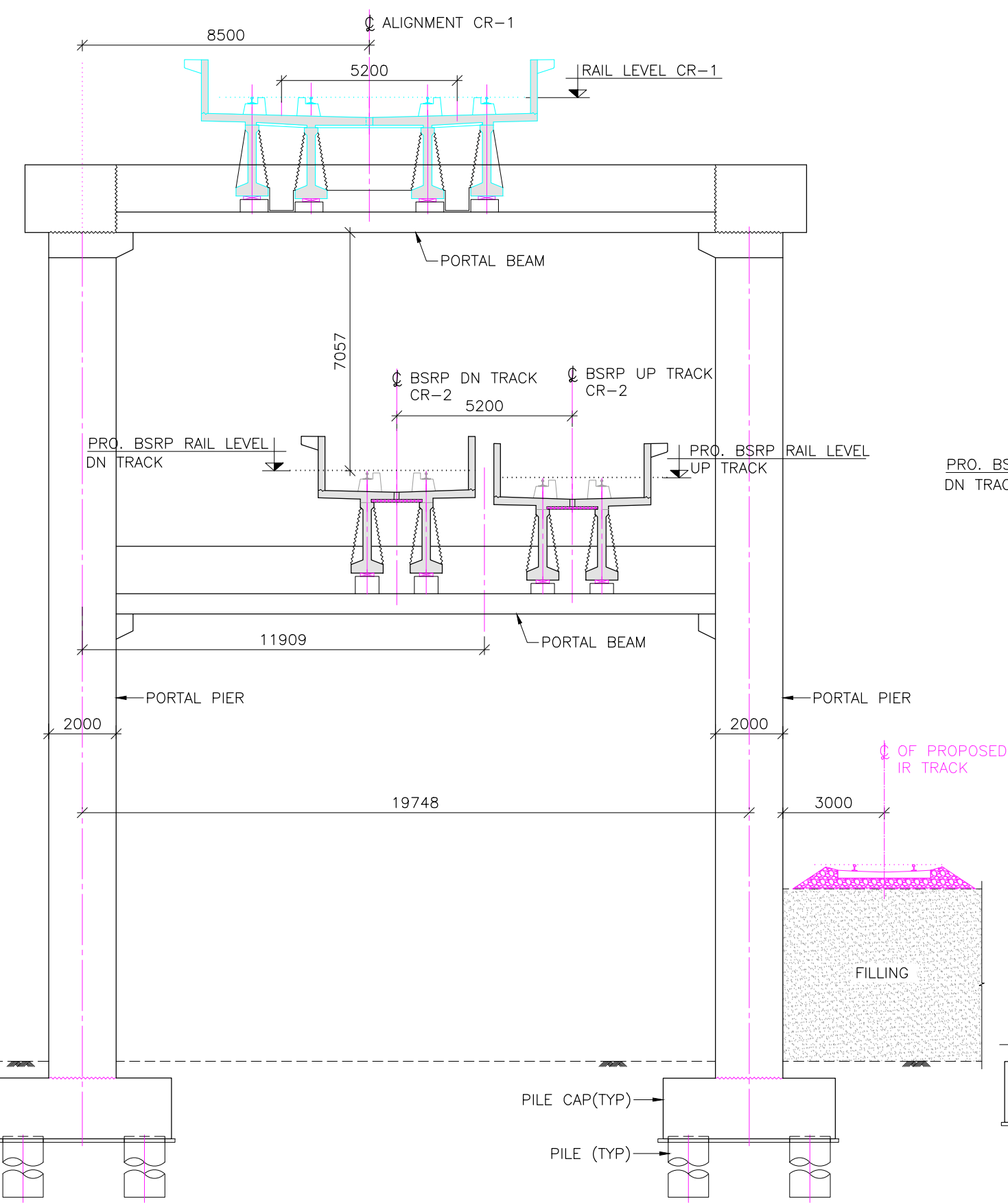
TYPICAL CROSS SECTION-36
(SCALE 1:150)
(APPLICABLE FOR PP228)



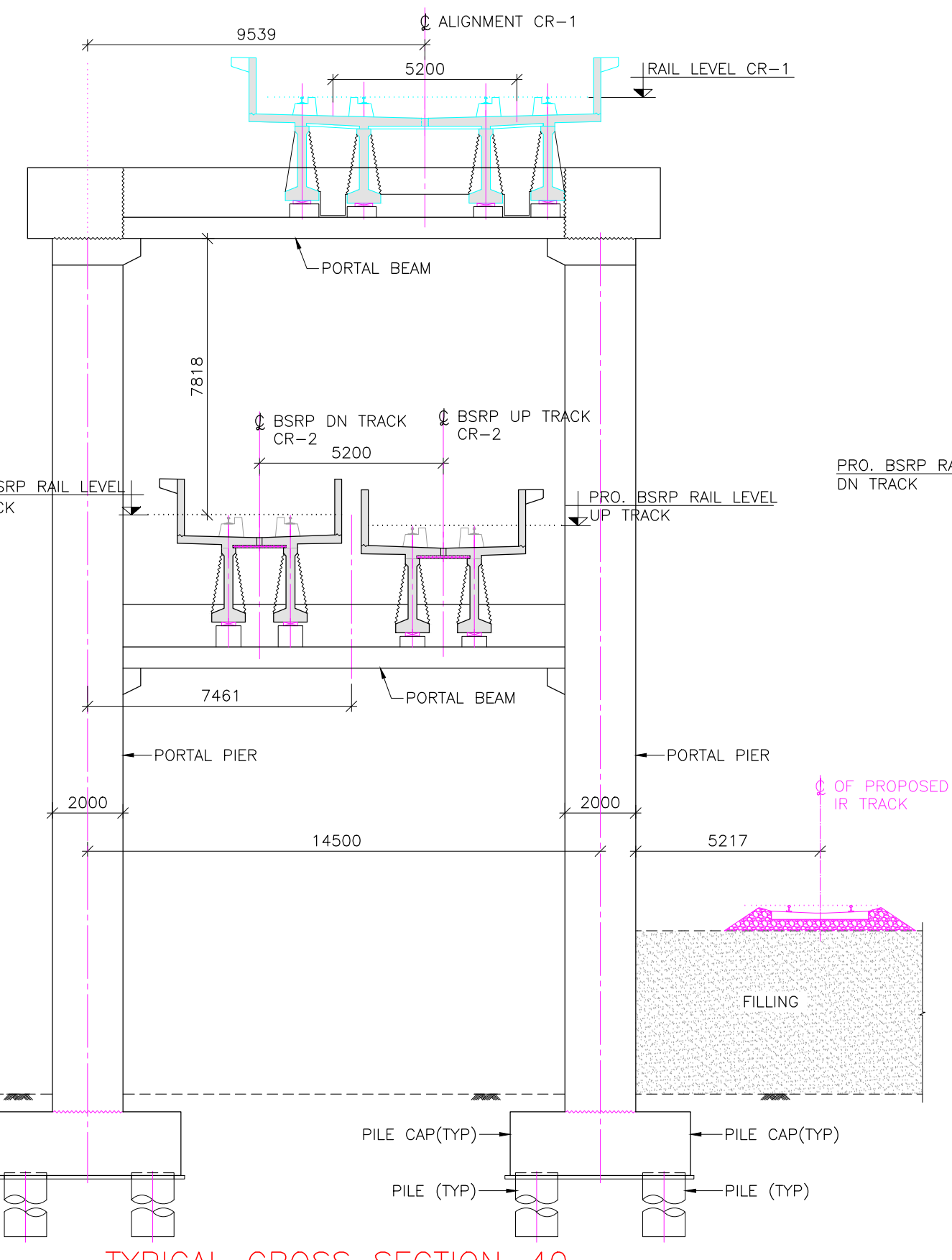
TYPICAL CROSS SECTION-37
(SCALE 1:150)
(APPLICABLE FOR PP229)



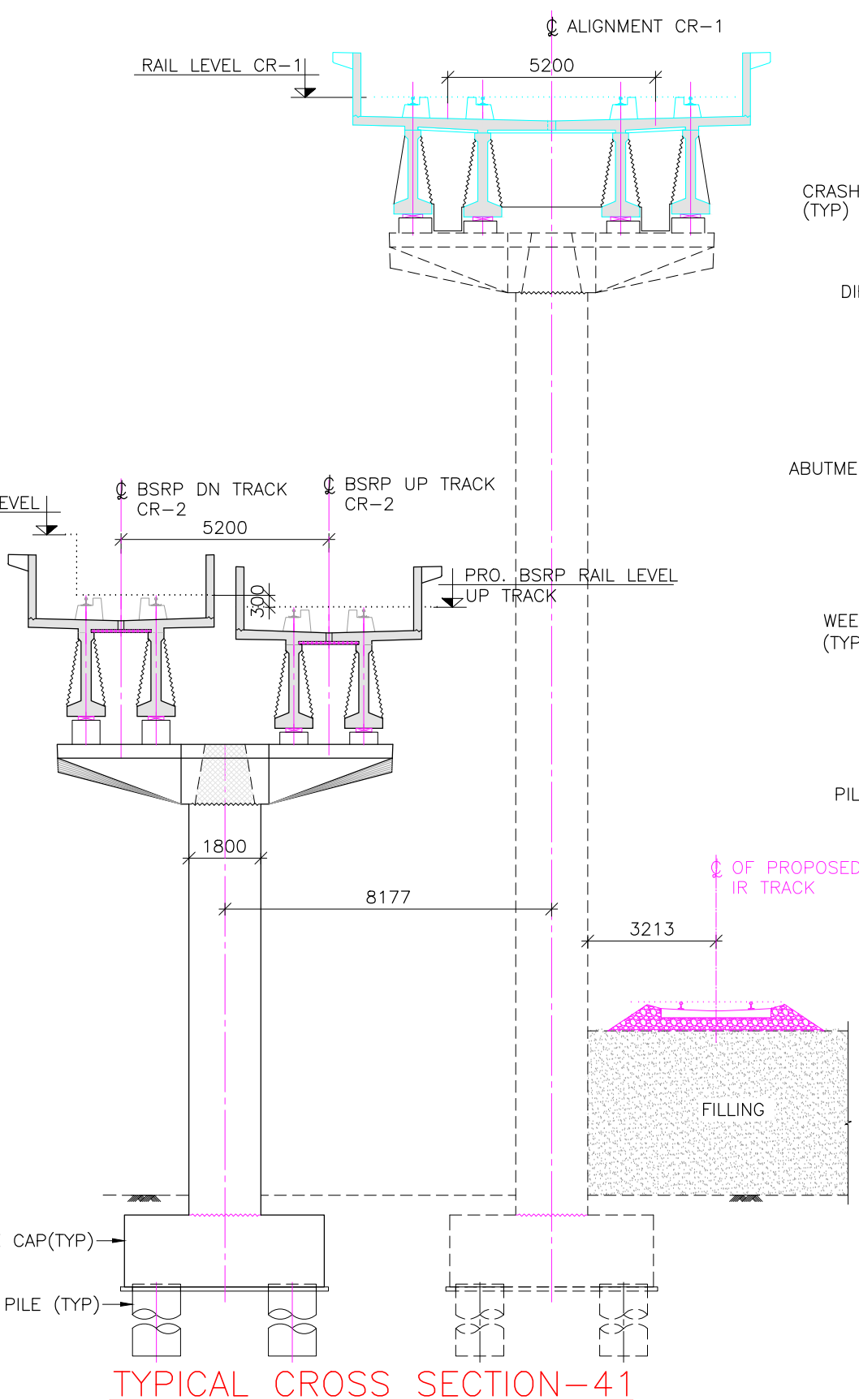
TYPICAL CROSS SECTION-38
(SCALE 1:150)
(APPLICABLE FOR P230)



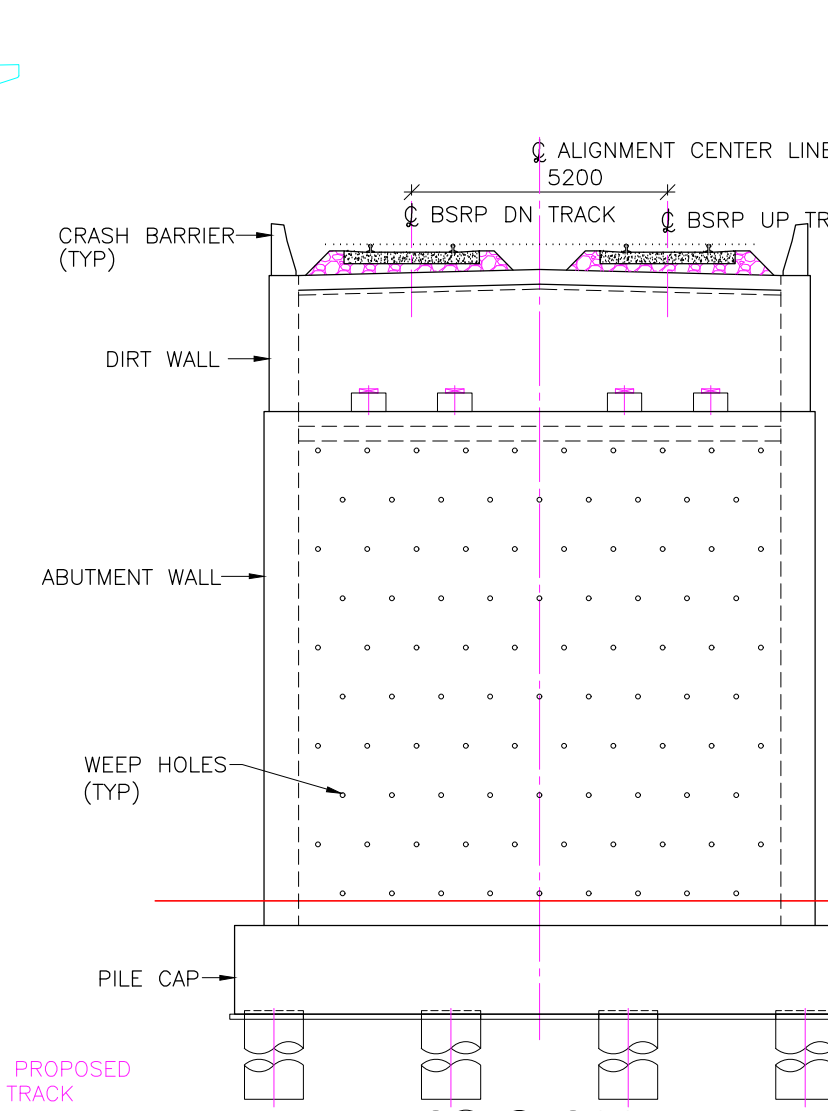
TYPICAL CROSS SECTION-39
(APPLICABLE FOR PP231)
(SCALE 1:150)



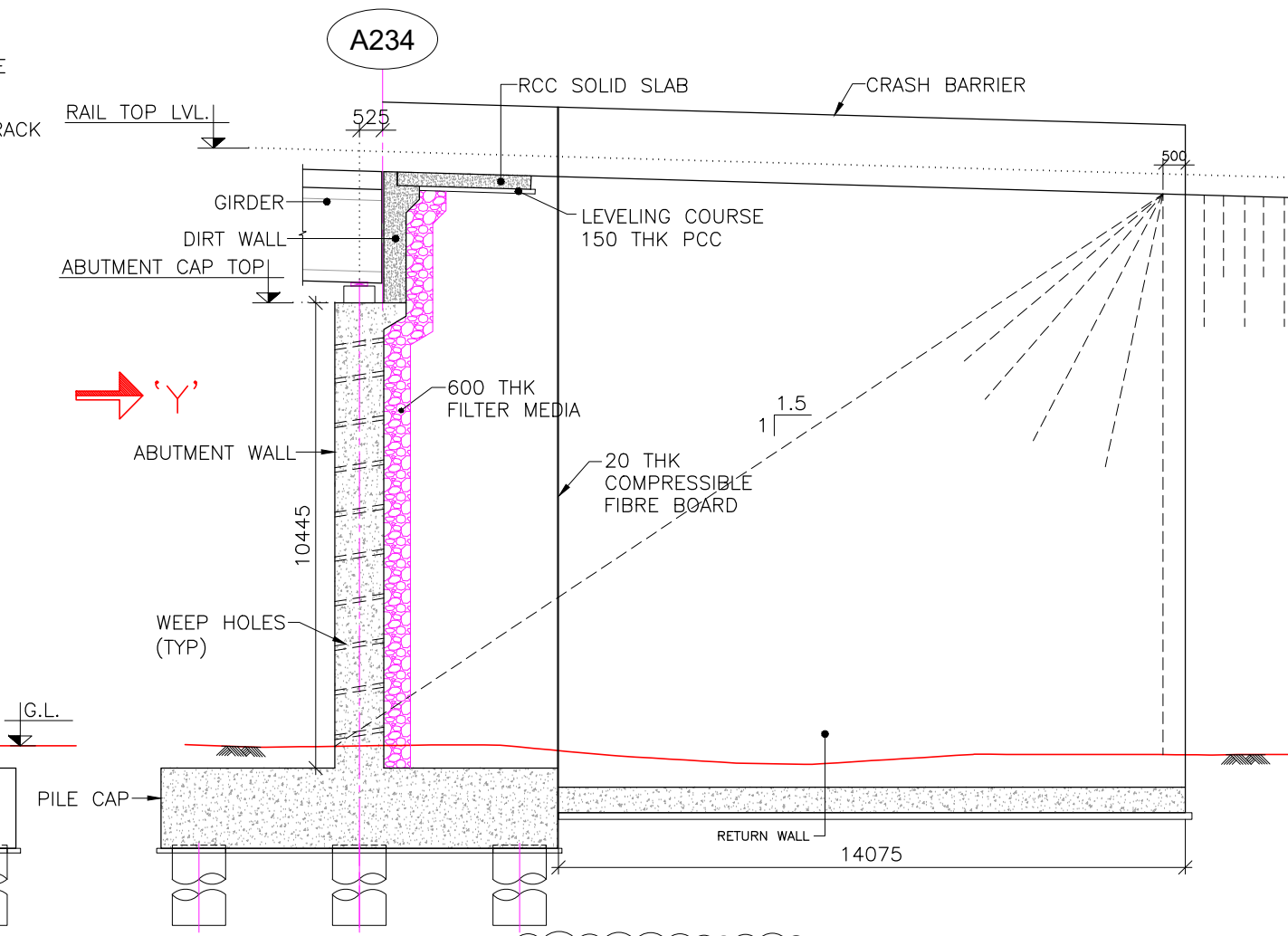
TYPICAL CROSS SECTION-40
(APPLICABLE FOR PP232)
(SCALE 1:150)



TYPICAL CROSS SECTION-41
(APPLICABLE FOR P233)
(SCALE 1:150)



VIEW 'Y'
(SCALE 1:150)



DETAIL 'X'
(SCALE 1:150)
(APPLICABLE FOR A234)

REFERENCE DRAWINGS:- (LATEST REVISION)

022077-BSRP-CR2-C-VD-GEN-20-2061	
022077-BSRP-CR2-C-VD-GEN-20-2062	
022077-BSRP-CR2-C-VD-GEN-20-2063	
022077-BSRP-CR2-C-VD-GEN-20-2064	
022077-BSRP-CR2-C-VD-GEN-20-2065	
022077-BSRP-CR2-C-VD-GEN-20-2066	
022077-BSRP-CR2-C-VD-GEN-20-2067	
022077-BSRP-CR2-C-VD-GEN-20-2068	
022077-BSRP-CR2-C-VD-GEN-20-2069	
022077-BSRP-CR2-C-VD-GEN-20-2070	
022077-BSRP-CR2-C-VD-GEN-20-2071	
022077-BSRP-CR2-C-VD-DGN-BR-20-4200	
022077-BSRP-CR2-C-VD-DGN-BR-20-4201	

GENERAL ARRANGEMENT DRAWING FOR
VIADUCT PORTION UP LINE & DOWN LINE
FROM CH. 16+461.903 Km TO 18.100
Km FOR CR2

NOTES:

1. ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ALL SUPERSTRUCTURE ARE PRECAST PRETENSIONED U-CORRER UNLESS OTHERWISE MENTIONED.
4. CHAINAGES MENTIONED ARE AT THE CENTER LINE OF ALIGNMENT.

LEGEND:

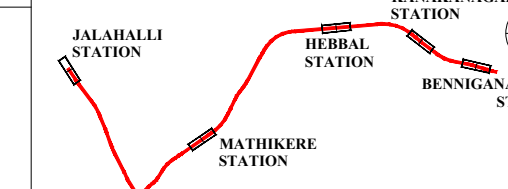
- P : SINGLE PIER
- DP : DOWN LINE SINGLE PIER
- UP : UP LINE SINGLE PIER
- PP : PORTAL PIER
- CP : CANTILEVER PIER (PIER WITH ECCENTRIC PIER CAP)

REFERENCE DRAWINGS:

022077-C-RL-TR-PP-0001 TO 0025.....
ALIGNMENT PLAN & PROFILE FROM CH: -0+980 TO CH: 24+420

REFERENCE DOCUMENTS:

KEY PLAN



EMPLOYER:

**RAIL INFRASTRUCTURE
DEVELOPMENT COMPANY
(KARNATAKA) LIMITED**

GENERAL CONSULTANTS:

AECOM | egis | AECOM-EGIS-WSP

STATION BOX KEY PLAN



PROJECT: BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)
K-RIDE CORRIDOR - 2

DRAWING TITLE: GENERAL ARRANGEMENT DRAWING FOR VIADUCT PORTION
UP LINE & DOWN LINE FROM CH. 16+461.903 Km TO 18.100 Km FOR CR2

DRAWING NO.: 022077-BSRP-CR2-C-VD-GEN-20-2072

SCALE: AS SHOWN

DATE: 23.02.2024

REVISION **DWG STATUS**

c **D**

REV	DATE	BRIEF DESCRIPTION
c	12.07.2024	REVISED AS PER GC COMMENTS
b	17.05.2024	REVISED DUE TO CHANGE IN PLAN & PROFILE
a	23.02.2024	FOR APPROVAL

CONTRACTOR:	TRANSPORTATION INFRASTRUCTURE IC EDRC-SPECIAL BRIDGES
DETAILED DESIGN CONSULTANT (DDC):	STUP Consultants Pvt. Ltd. PLOT NO. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 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	MLR	SSV	PC	KVM
12/07/2024				
12/07/2024				
12/07/2024				
12/07/2024				

NAME	SIGN	PROJECT DIRECTOR

NAME	SIGN	DESIGNATION	SIGN	DATE

NAME	SIGN	DESIGNATION	SIGN	DATE

NAME	SIGN	DESIGNATION	SIGN	DATE

NAME	SIGN	DESIGNATION	SIGN	DATE