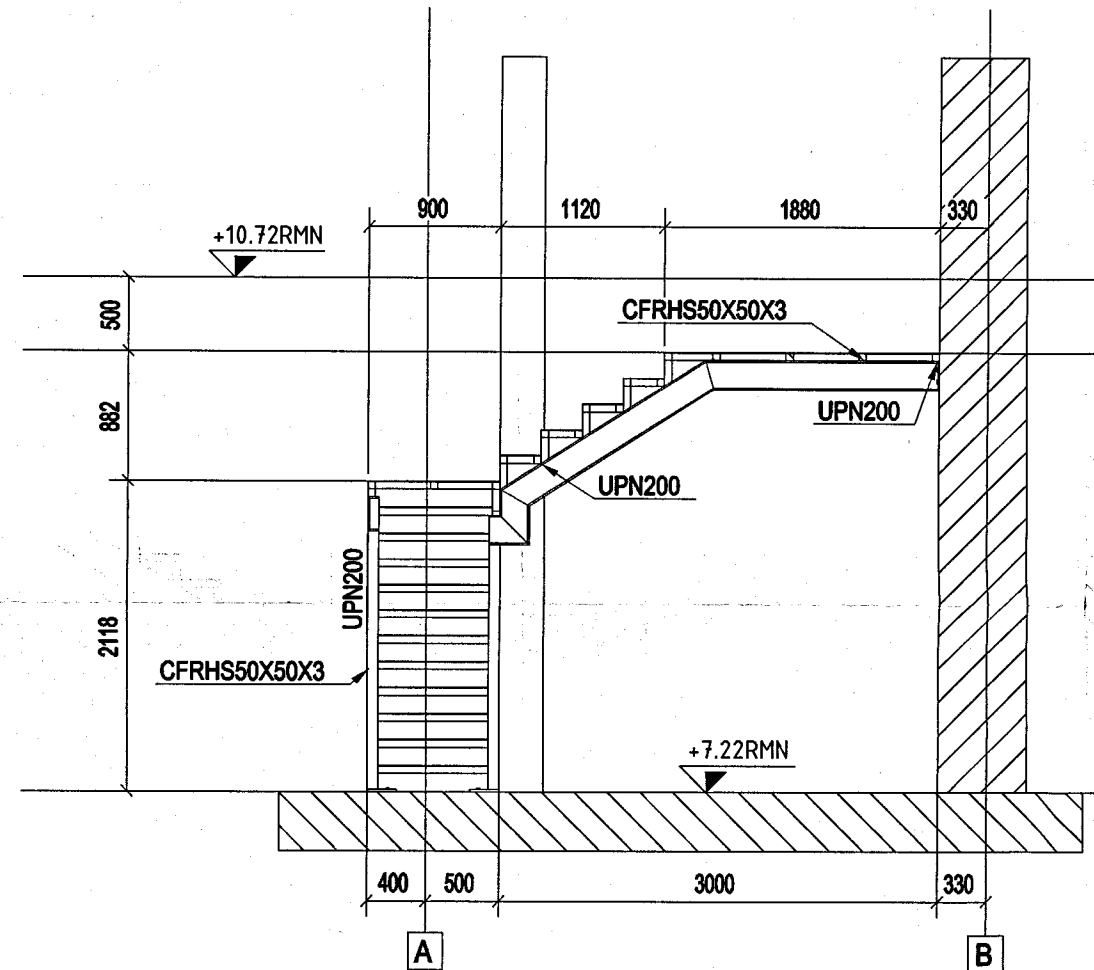


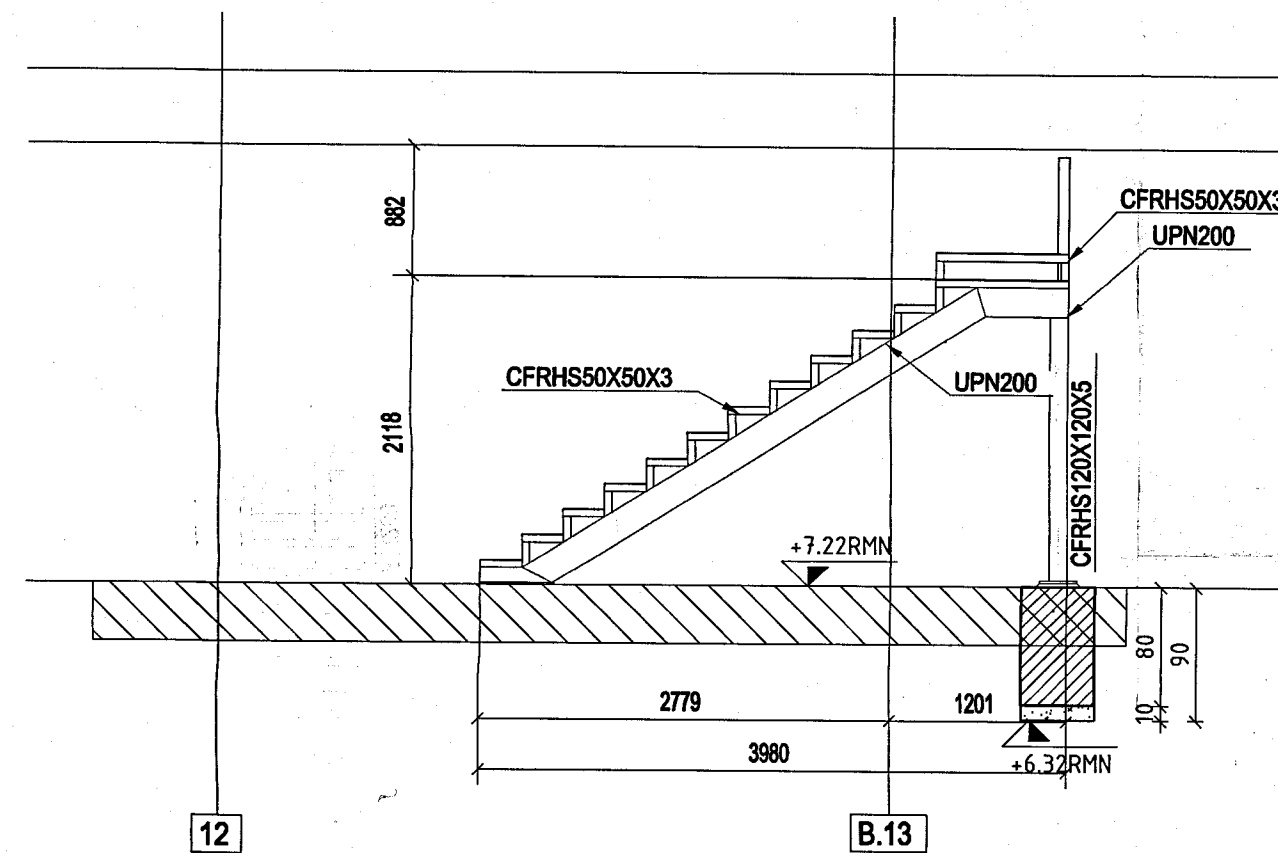
GRID B.13

Scara 1:50



GRID A

Scara 1:50



MOMENTE STRANGERE SURUBURI GR. 8.8

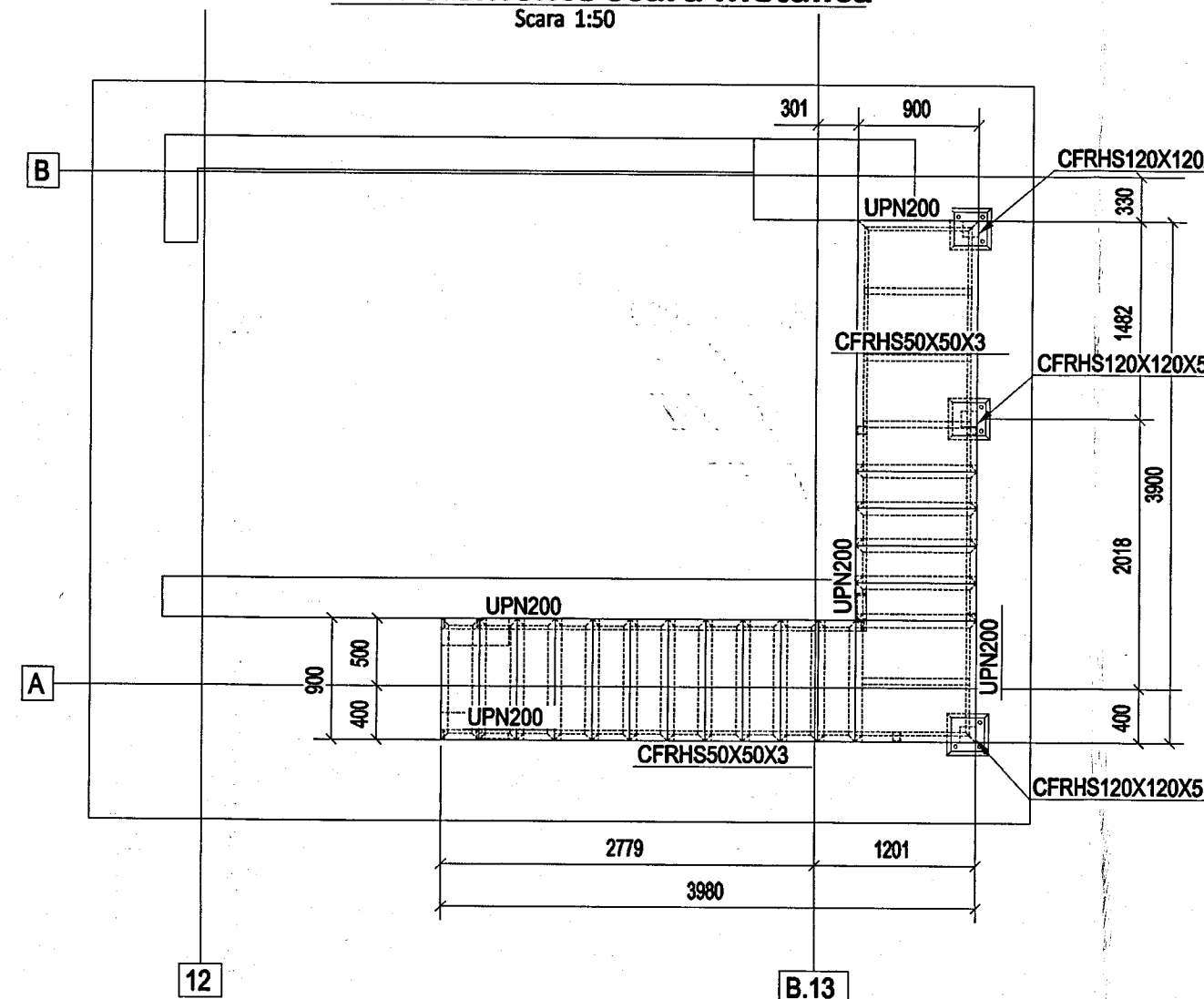
GRUPA 8.8		
DIAMETRU	Mr [daNm]	Mr [daNm] (50%)
M12	11	5
M16	26	13
M18	37	18
M20	51	25
M22	67	34
M24	88	44
M27	125	62
M30	171	86

LISTA LAMINATE SCARA ZONA GYM

Profile	Material	NUM	Length [mm]	Length sum	Weight[kg]	Weight sum	Area [m2]	Area sum
CFRHS50X50X3	S235JR	32	176	5647	0.7	24	0.03	1.07
CFRHS50X50X3	S235JR	30	280	8400	1.2	35.7	0.05	1.59
CFRHS50X50X3	S235JR	4	800	3200	3.4	13.6	0.15	0.61
CFRHS50X50X3	S235JR	36	900	32400	3.8	137.6	0.17	6.15
CFRHS50X50X3	S235JR	2	1880	3760	8	16	0.36	0.71
Sub total, CFRHS50X50X3				53407		226.7		10.13
CFRHS120X120X5	S235JR	1	1819	1819	31.9	31.9	0.84	0.84
CFRHS120X120X5	S235JR	2	2701	5402	47.4	94.8	1.25	2.5
Sub total, CFRHS120X120X5				7221		126.7		3.34
PL4*280	S235JR	15	900	13500	7.9	118.7	0.51	7.7
Sub total, PL4*280				13500		118.7		7.7
PL4*900	S235JR	1	900	900	25.4	25.4	1.63	1.63
PL4*900	S235JR	1	1880	1880	53.1	53.1	3.41	3.41
Sub total, PL4*900				2780		78.6		5.04
PL8*60	S235JR	4	96	384	0.4	1.4	0.01	0.05
Sub total, PL8*60				384		1.4		0.05
PL15*200	S235JR	2	500	1000	11.8	23.5	0.22	0.44
Sub total, PL15*200				1000		23.5		0.44
PL15*250	S235JR	3	250	750	7.4	22.1	0.14	0.42
Sub total, PL15*250				750		22.1		0.42
PL30*310	GROUT	3	310	930	0	0	0.21	0.62
Sub total, PL30*310				930		0		0.62
UPN200	S235JR	1	275	275	7	7	0.18	0.18
UPN200	S235JR	1	311	311	7.9	7.9	0.21	0.21
UPN200	S235JR	1	376	376	9.5	9.5	0.25	0.25
UPN200	S235JR	1	513	513	13	13	0.34	0.34
UPN200	S235JR	1	620	620	15.7	15.7	0.41	0.41
UPN200	S235JR	1	900	900	22.7	22.7	0.59	0.59
UPN200	S235JR	1	958	958	24.2	24.2	0.63	0.63
UPN200	S235JR	2	1600	3200	40.4	80.9	1.06	2.11
UPN200	S235JR	1	1655	1655	41.8	41.8	1.09	1.09
UPN200	S235JR	1	1713	1713	43.3	43.3	1.13	1.13
UPN200	S235JR	1	3341	3341	84.4	84.4	2.2	2.2
UPN200	S235JR	1	3641	3641	92	92	2.4	2.4
Sub total, UPN200				17502		442.4		11.55
Total:						1040.2		39.3

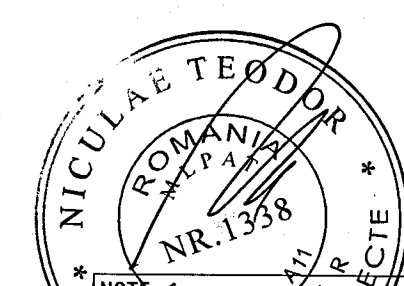
Plan elemente scara metalica

Scara 1:50



Lista organe asamblare scara exteriora

Diametru	Lungime	Tip	Grupa	Numar
M12	conform furnizor	Ancore chimice Hilti HIT-V+Mortar Hilti HIT-HY 200	8.8	20
M16	conform furnizor	Ancore chimice Hilti HIT-V+Mortar Hilti HIT-HY 200	8.8	20



MATERIALE:
Beton:
- beton armat: C35/45
- beton simplu: C16/20
- beton egalizare: C12/15
Armatura: BST500-C
Otel laminat: S235JR

NOTE 1, 2, 3, 4, 5, 6, 7, 8, 9, 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.

REV	DATA	MOTIVUL
REV3	DATA3	M3
REV2	DATA2	M2
REV01	DATA1	M1
REV.	DATA	MOTIVUL

NUME PROIECT / PROJECT NAME:
Modernizarea si reabilitarea energetica a Centrului de pregatire si refacere/recuperare a capacitatii de munca Diana - Saturn, Mangalia judetul Constanta

Județ Constanta, mun. Mangalia, statiunea Saturn, strada Greenport, nr. 2-20, NC102305, NC102304, NC102303, NC102228

ADRESA PROIECT / PROJECT ADDRESS:

PROIECTANT GENERAL / GENERAL DESIGNER:
ING. BURCIU STEFAN
ING. GEORGESCU CEZAR
ING. BURCIU STEFAN

PROIECTANT STRUCTURAL / STRUCTURAL DESIGNER:
ING. BURCIU STEFAN
ING. GEORGESCU CEZAR
ING. BURCIU STEFAN

PROIECTAT / DESIGNED: ing. Burciu Stefan
DESENAT / DRAWN: ing. Georgescu Cezar
VERIFICAT / CHECKED: ing. Burciu Stefan

SCARA / SCALE: 1:50
COD PROIECT / PROJECT NO: 03/2025
REV: 00
DATA / DATE: 03.2025
FAZA / PHASE: P.T.
PLAN NR: R.sm.04+

PLANUL SE VA CITI IMPREUNA CU PLANURILE DE ARHITECTURA SI INSTALATI. PLANUL SE VA CITI IMPREUNA CU NOTELE TEHNICE. PROIECTUL NU SE VA EXECUTA FARA OBTINEREA AUTORIZATIEI DE CONSTRUIRE.