

# KARAK TOURISM DEVELOPMENT PROJECT

## KARAK CASTLE PATHWAYS

### JUNE 2000 LIST OF DRAWINGS

#### ARCHITECTURAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
KCP.A-000	COVER SHEET	---
KCP.A-000	DRAWING LIST	---
KCP.A-001	KEY PLANS PATHWAY & LEVELS	1:100
KCP.A-002	SURVEY MAP - 1 EXISTING LAYOUT (MUSEUM LEVEL)	1:500
KCP.A-003	SURVEY MAP - 2 EXISTING & DEMOLISHING PART (1) (MUSEUM LEVEL)	1:250
KCP.A-004	SURVEY MAP - 3 EXISTING & DEMOLISHING PART (2) (MUSEUM LEVEL)	1:250
KCP.A-005	SURVEY MAP - 4 EXISTING LAYOUT (LOWER LEVEL)	1:500
KCP.A-006	SURVEY MAP - 5 EXISTING & DEMOLISHING PART (1) (LOWER LEVEL)	1:250
KCP.A-007	SURVEY MAP - 6 EXISTING & DEMOLISHING PART (2) (LOWER LEVEL)	1:250
KCP.A-008	SURVEY MAP - 7 EXISTING LAYOUT (UPPER LEVEL)	1:500
KCP.A-009	SURVEY MAP - 8 EXISTING & DEMOLISHING PART (1) (UPPER LEVEL)	1:250
KCP.A-010	SURVEY MAP - 9 EXISTING & DEMOLISHING PART (2) (UPPER LEVEL)	1:250
KCP.A-011	GENERAL LAYOUT PATHWAY DESIGN, MUSEUM LEVEL AREA & FINISHING SCHEDULES	1:500
KCP.A-012	PATHWAY DESIGN MUSEUM LEVEL PART-1	1:250
KCP.A-013	PATHWAY STORM WATER DRAINAGE MUSEUM LEVEL PART-1	1:250
KCP.A-014	PATHWAY DESIGN MUSEUM LEVEL PART-2	1:250
KCP.A-015	MUSEUM PLAZA PLAN & SECTIONS	1:100, 50
KCP.A-016	STEPPED WATER CHANNEL SECTION A-A	1:250, 100
KCP.A-017	STEPPED WATER CHANNEL SECTION B-B	1:100
KCP.A-018	TERRACE OVERLOOKING MAIN GATE, DETAILS	1:50, 100
KCP.A-019	GENERAL LAYOUT PATHWAY DESIGN (LOWER LEVEL) AREA & FINISHING SCHEDULE	1:500
KCP.A-020	LOWER LEVEL PLAN PART -1	1:100
KCP.A-021	LOWER LEVEL PLAN PART -2	1:100
KCP.A-022	LOWER LEVEL PLAN PART -3	1:100
KCP.A-023	LOWER LEVEL PLAN PART -4	1:100
KCP.A-024	LOWER LEVEL PLAN PART -5	1:100
KCP.A-025	LOWER LEVEL PLAN PART -6	1:100
KCP.A-026	GENERAL LAYOUT PATHWAY DESIGN (UPPER LEVEL) AREA & FINISHING SCHEDULE	1:500
KCP.A-027	UPPER LEVEL PLAN PART -1	1:100
KCP.A-028	UPPER LEVEL PLAN PART -2	1:100
KCP.A-029	UPPER LEVEL PLAN PART -3	1:100
KCP.A-030	UPPER LEVEL PLAN PART -4	1:100
KCP.A-031	UPPER LEVEL PLAN PART -5	1:100
KCP.A-032	UPPER LEVEL PLAN PART -6	1:100
KCP.A-033	STAIRS SECTIONS	1:50
KCP.A-034	DETAIL -1 STEEL STAIRS AT PATHWAY (U-1)	1:100, 20, 5
KCP.A-035	DETAIL -2 MISCELLANEOUS	1:10, 1:20
KCP.A-036	DETAIL -3 STEPPED WATER CHANNEL	1:20, 1:25
KCP.A-037	DETAIL -4 MUSEUM ROOF & PLAZA	1:10, 1:20
KCP.A-038	DETAIL -5 MUSEUM PLAZA	1:10, 1:20
KCP.A-039	DETAIL -6 TERRACE OVERLOOKING MAIN GATE-1	1:20
KCP.A-040	DETAIL -7 TERRACE OVERLOOKING MAIN GATE-2	1:5, 10, 20
KCP.A-041	DETAIL -8 UPPER LEVEL	1:10, 20, 25
KCP.A-042	DETAIL -9 HANDRAIL	1:5, 1:10

#### ELECTRICAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
KCP.E-001	LIGHTING FOR MUSEUM LEVEL	1:100
KCP.E-002	LIGHTING FOR LOWER LEVEL-1	1:100
KCP.E-003	CABLES ROUTE AND MAIN DISTRIBUTION PANEL	1:100

#### STRUCTURAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
KCP.S-000a	GENERAL NOTES-1	N.T.S.
KCP.S-000b	GENERAL NOTES-2	N.T.S.
KCP.S-001	MUSEUM PLAZA PLAN & SECTIONS	1:20, 1:100
KCP.S-002	STEPPED WATER CHANNEL PLAN	1:250
KCP.S-003	DETAIL - 1	1:20, 1:25
KCP.S-004	DETAIL - 2	1:20, 1:25

**Project:**  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

**Executing Agency**  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

**SUB-PROJECT:**  
Karak Tourism Development Project  
Karak Castle Pathways

**Note:**  
This detailed design has been executed by a team of consultants as shown below in accordance with the agreement between Japan International Cooperation Agency (JICA) and JICA Study Team.  
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**Designed by:**  
Japan International Cooperation Agency (JICA)  
JICA Study Team:  
Joint Venture of Pacific Consultants International and Yamashita Sekkel Inc.  
Subcontracted Local Consultant:

**consolidated consultants**  
TEL: 001377 - FAX: 001370 - AMMAN - JORDAN

**LIST OF DRAWINGS**

Drawing Title: \_\_\_\_\_

Scale: \_\_\_\_\_ Drawing No: **KCP.A-000**



# KARAK TOURISM DEVELOPMENT PROJECT

## KARAK CASTLE PATHWAYS

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#### ARCHITECTURAL DRAWINGS

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KCP.A-014	PATHWAY DESIGN MUSEUM LEVEL PART-2	1:250
KCP.A-015	MUSEUM PLAZA PLAN & SECTIONS	1:100,50
KCP.A-016	STEPPED WATER CHANNEL SECTION A-A	1:250,100
KCP.A-017	STEPPED WATER CHANNEL SECTION B-B	1:100
KCP.A-018	TERRACE OVERLOOKING MAIN GATE, DETAILS	1:50,100
KCP.A-019	GENERAL LAYOUT PATHWAY DESIGN (LOWER LEVEL) AREA & FINISHING SCHEDULE	1:500
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KCP.A-021	LOWER LEVEL PLAN PART -2	1:100
KCP.A-022	LOWER LEVEL PLAN PART -3	1:100
KCP.A-023	LOWER LEVEL PLAN PART -4	1:100
KCP.A-024	LOWER LEVEL PLAN PART -5	1:100
KCP.A-025	LOWER LEVEL PLAN PART -6	1:100
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KCP.A-030	UPPER LEVEL PLAN PART -4	1:100
KCP.A-031	UPPER LEVEL PLAN PART -5	1:100
KCP.A-032	UPPER LEVEL PLAN PART -6	1:100
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KCP.A-040	DETAIL -7 TERRACE OVERLOOKING MAIN GATE-2	1:5, 10, 20
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#### ELECTRICAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
KCP.E-001	LIGHTING FOR MUSEUM LEVEL	1:400
KCP.E-002	LIGHTING FOR LOWER LEVEL-1	1:400
KCP.E-003	CABLES ROUTE AND MAIN DISTRIBUTION PANEL	1:400

#### STRUCTURAL DRAWINGS

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KCP.S-000b	GENERAL NOTES-2	N.T.S.
KCP.S-001	MUSEUM PLAZA PLAN & SECTIONS	1:20, 1:100
KCP.S-002	STEPPED WATER CHANNEL PLAN	1:250
KCP.S-003	DETAIL - 1	1:20, 1:25
KCP.S-004	DETAIL - 2	1:20, 1:25

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

#### Executing Agency

The Ministry of Tourism and Antiquities  
The Ministry of Planning

#### SUB-PROJECT:

Karak Tourism Development Project  
Karak Castle Pathways

#### Note:

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#### JICA Study Team:

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#### Subcontracted Local Consultant:

**consolidated consultants**  
ENGINEERING & ENVIRONMENT  
Tel: 961257 - Fax: 961260 - AMMAN - JORDAN

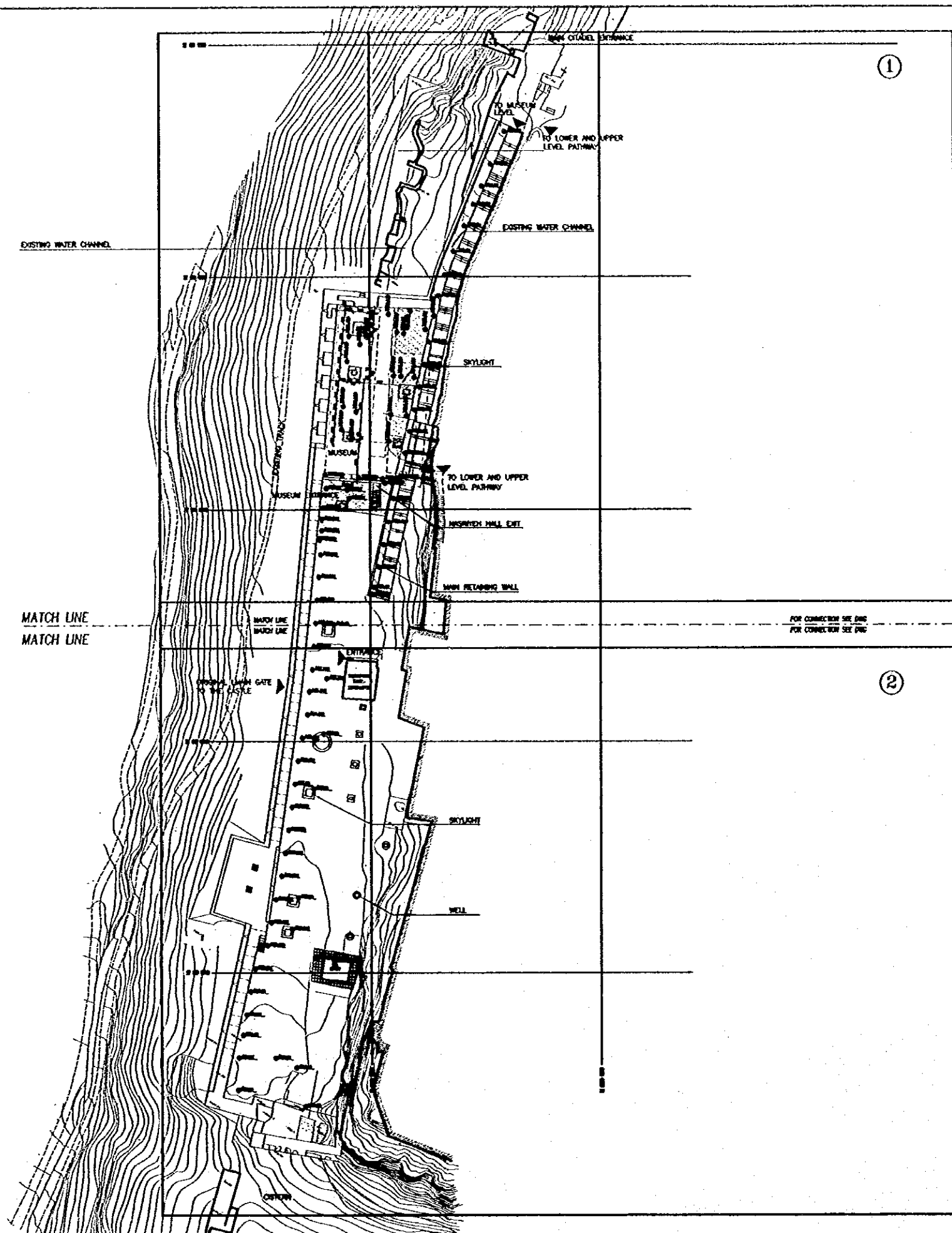
#### LIST OF DRAWINGS

Drawing Title:

Scale:

Drawing No.:

KCP.A-000



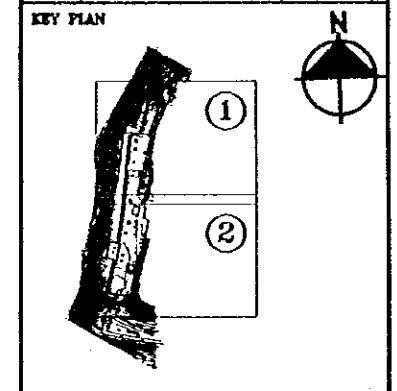
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NOTE:  
 ALL MUSEUM LEVEL LAYOUT IS DIGITIZED  
 FROM OLD DRAWING. THE CONTRACTOR  
 NEEDS TO SUBMIT NEW SURVEY DRAWINGS  
 AND SHOP DRAWINGS

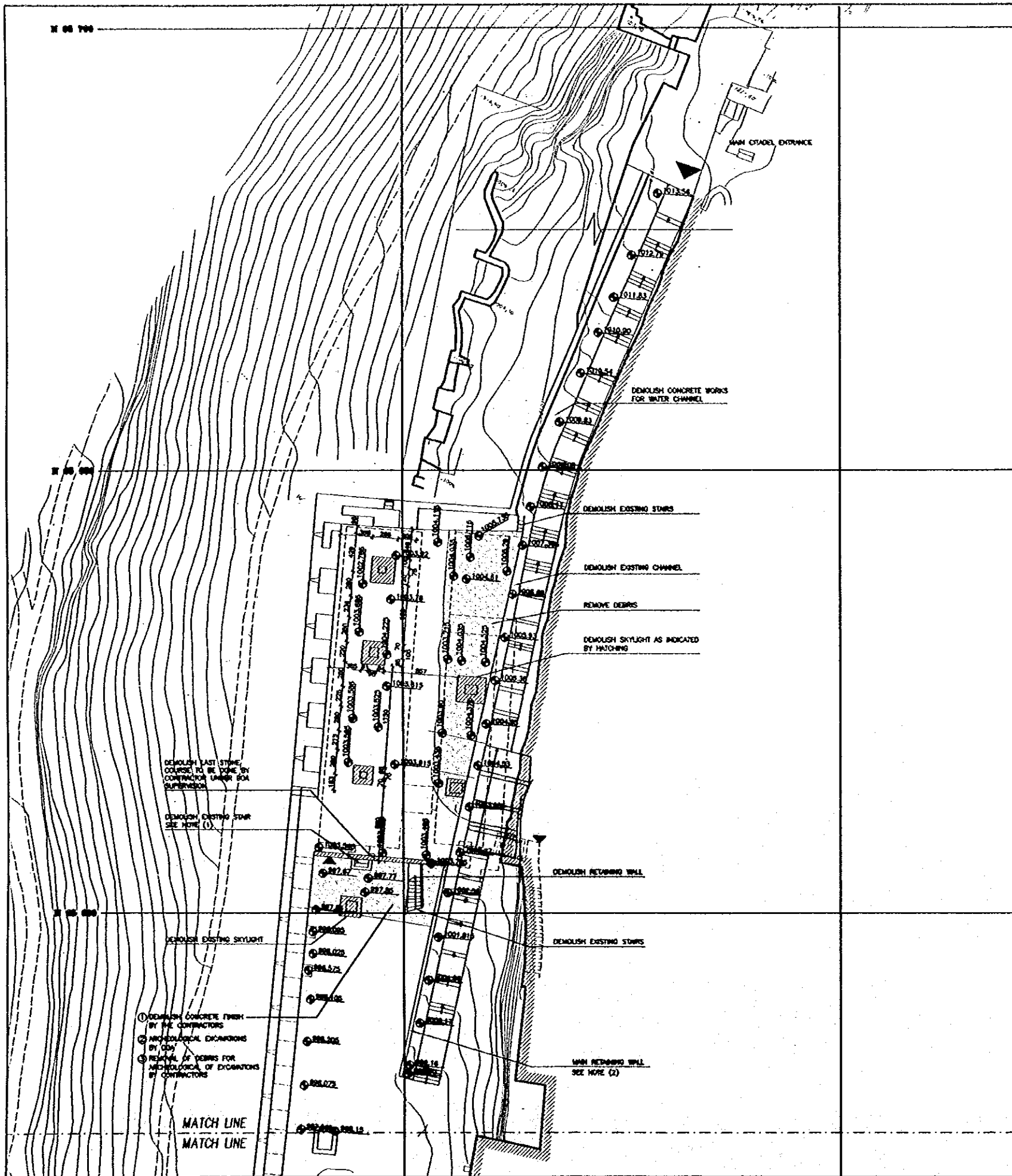


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 JICA Study Team:  
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**SURVEY MAP - 1**  
**EXISTING LAYOUT**  
**(MUSEUM LEVEL)**  
 Drawing Title:

Scale: 1/500  
 Drawing No.: KCP.A-002



Project:  
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NOTE:  
(1) DOA SHOULD APPROVE REMOVAL OF  
STAIRS LEADING TO MUSEUM.  
(2) IF DOA IS PLANNING TO REMOVE  
RETAINING WALL TO EXPOSE ENTRANCE  
WITHIN THE FRAME WORK OF THIS  
PROJECT A NEW DESIGN FOR RETAINING  
WALL NEEDS TO BE ADDRESSED  
ACCORDINGLY.  
(3) REMOVAL OF DEBRIS FROM ARCHAEOLOGICAL  
EXCAVATION BY THE CONTRACTOR.  
(4) ALL DEMOLISHING WORKS,  
REMOVAL OF DEBRIS AND CONSOLIDATION  
SHOULD BE DONE BY THE CONTRACTOR &  
UNDER THE STRICT SUPERVISION OF DOA.

KEY PLAN

Designed by:  
Japan International Cooperation  
Agency (JICA)  
JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamamoto Sekkei Inc.  
Subcontracted Local Consultant:

**consolidated consultants**  
CONSULTING & ENGINEERING  
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

**SURVEY MAP - 2**  
**EXISTING & DEMOLISHING**  
**PART (1) (MUSEUM LEVEL)**  
Drawing Title:

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

Scale: 1/250  
Drawing No.: KCPA-003



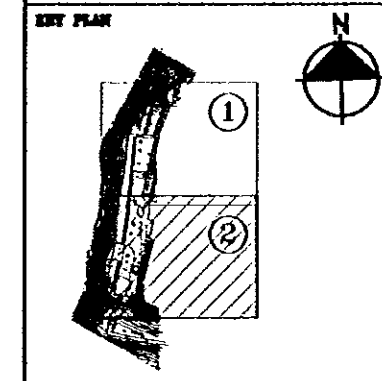
FOR CONNECTION SEE DWG  
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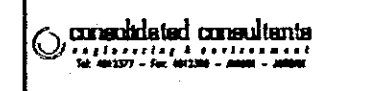
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**Designed by:**  
Japan International Cooperation  
Agency (JICA)

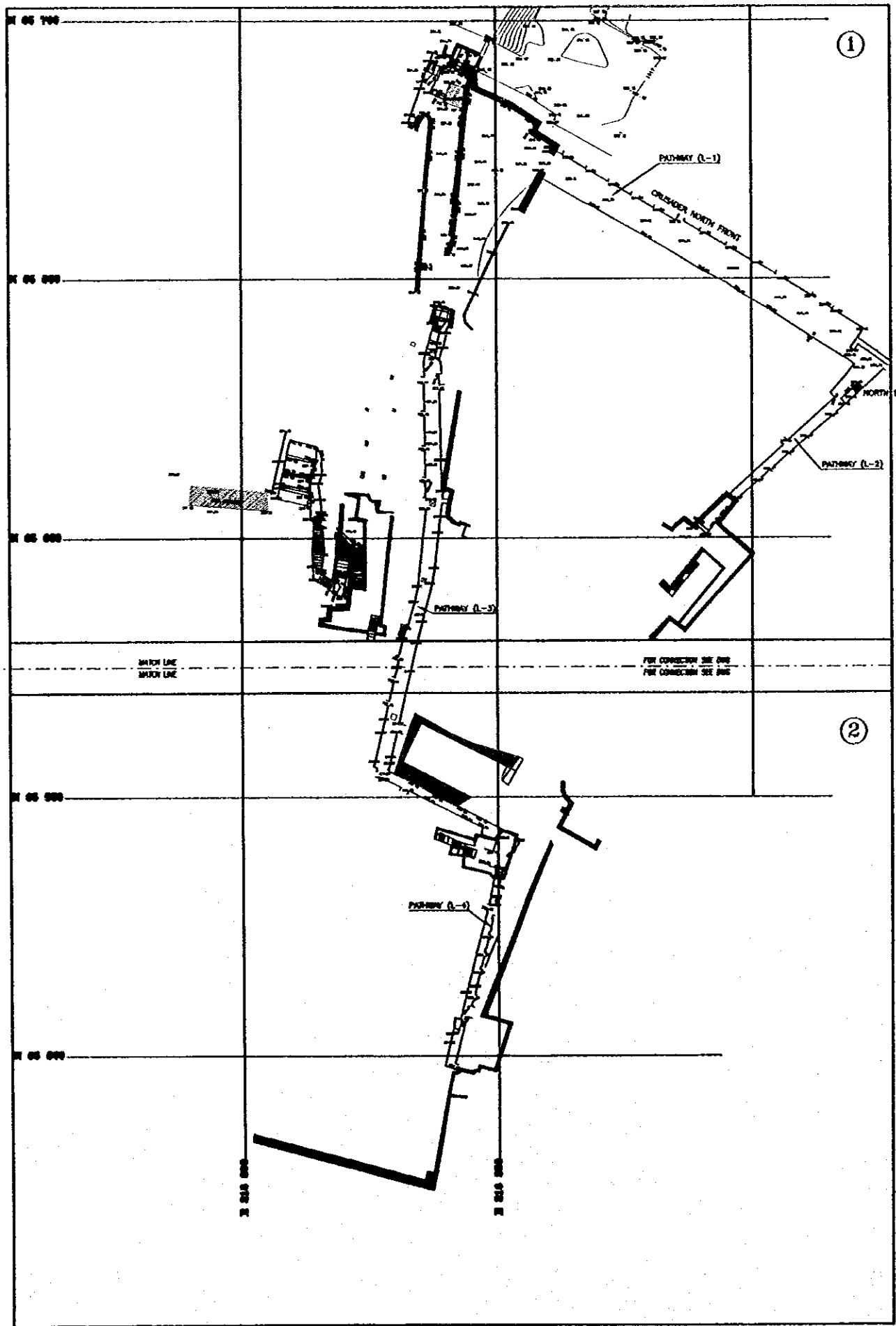
**JICA Study Team:**  
Joint Venture of  
Pacific Consultants International and  
Yamasita Sekkel Inc.

**Subcontracted Local Consultant:**



**SURVEY MAP - 3**  
**EXISTING & DEMOLISHING**  
**PART (2) (MUSEUM LEVEL)**  
Drawing Title:

Scale: 1/200 Drawing No.: **KCPA-004**



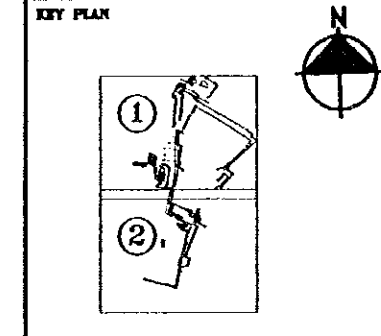
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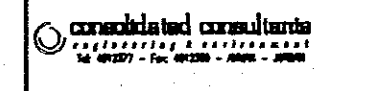
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NOTE:  
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NEW SURVEY DRAWINGS & SHOP DRAWINGS



Designed by:  
Japan International Cooperation  
Agency (JICA)  
JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamamoto Sekkei Inc.  
Subcontracted Local Consultant:



**SURVEY MAP - 4**  
**EXISTING LAYOUT**  
**(LOWER LEVEL)**

Drawing Title:

Scale: 1/200  
Drawing No.: **KCPA-005**

N 65 700

N 65 650

N 65 600

MATCH LINE  
MATCH LINE

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

MAIN STAIRS MAINTENANCE  
TO BE DONE BY THE SPECIALISTS  
OF THE CONTRACTOR

STAIRS RENOVATION  
TO BE DONE THE SPECIALISTS OF  
CONTRACTOR & TO BE APPROVED BY DOA

SOILING EXCAVATIONS BY DOA

REMOVAL OF DEBRIS  
BY THE CONTRACTOR

EXCAVATION FOR NEW  
EXIT TO BE DONE BY DOA.  
REMOVAL OF DEBRIS & CONSOLIDATION  
TO BE DONE BY THE CONTRACTOR &  
UNDER THE STRICT SUPERVISION OF DOA.

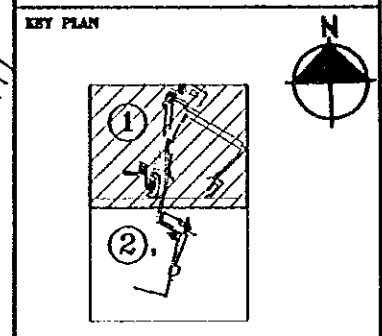
Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

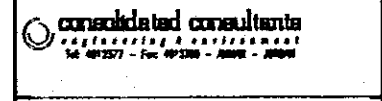
SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

Note:  
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JICA.

- NOTE:
- ARCHAEOLOGICAL EXCAVATIONS BY DOA & REMOVAL OF DEBRIS FROM ARCHAEOLOGICAL EXCAVATIONS BY THE CONTRACTOR.
  - CONSOLIDATION WORKS TO BE DONE BY THE SPECIALISTS OF THE CONTRACTOR APPROVED BY DOA.



Designed by:  
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JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamasita Sekkei Inc.  
Subcontracted Local Consultant:



**SURVEY MAP - 5**  
**EXISTING & DEMOLISHING**  
**PART (1) (LOWER LEVEL)**  
Drawing Title:

Scale: 1/250  
Drawing No.: KCPA-006

20



MATCH LINE  
MATCH LINE

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

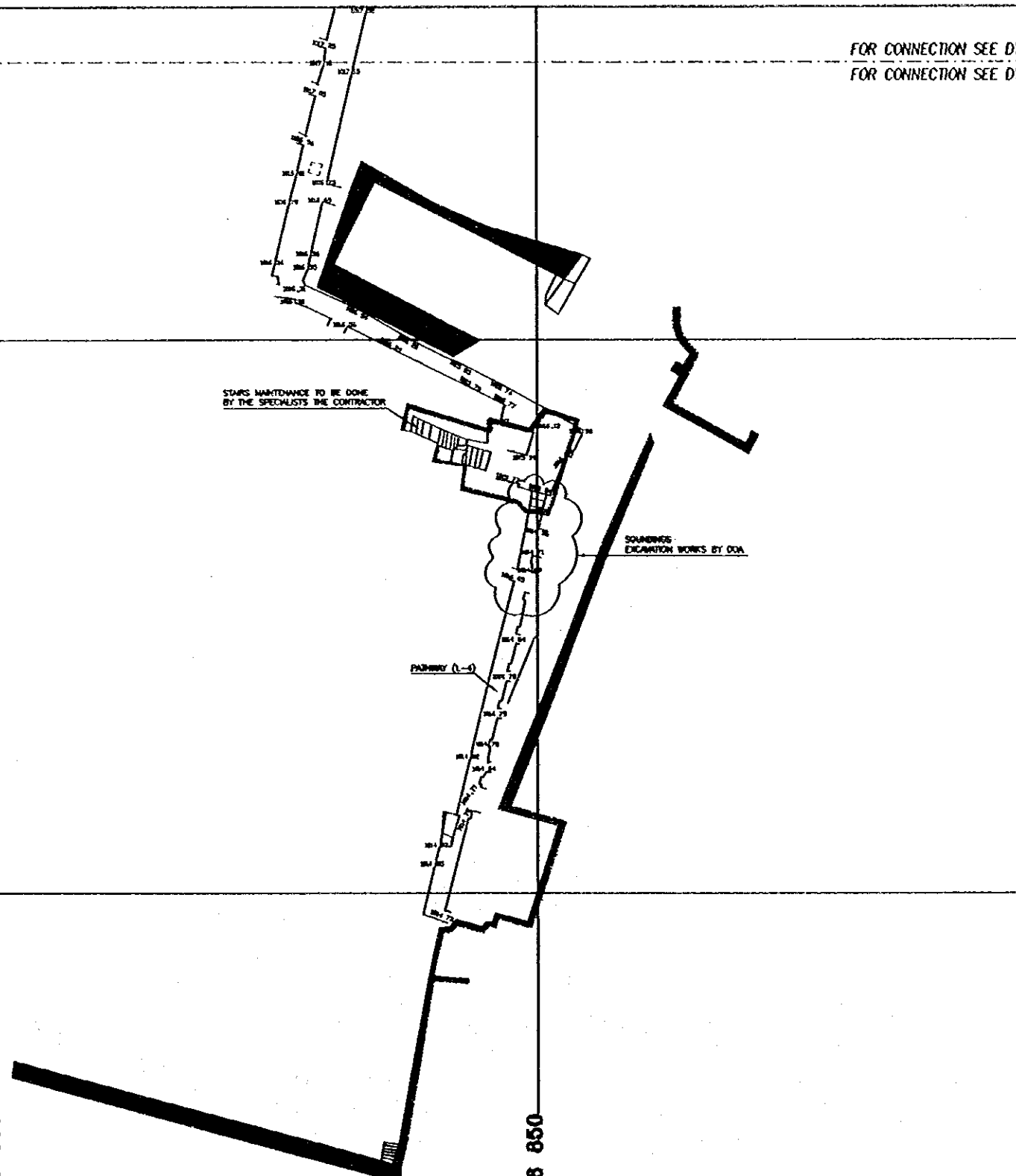
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N 65 550

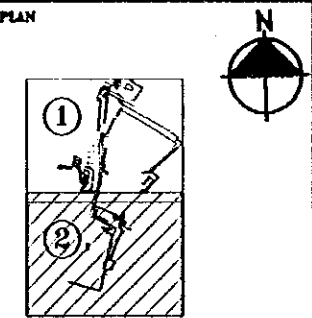
N 65 500

E 216 800

E 216 850



KEY PLAN

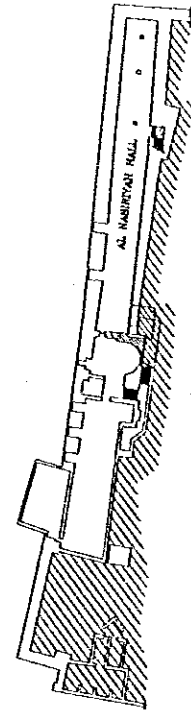


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JICA Study Team:  
Joint Venture of  
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Subcontracted Local Consultant:

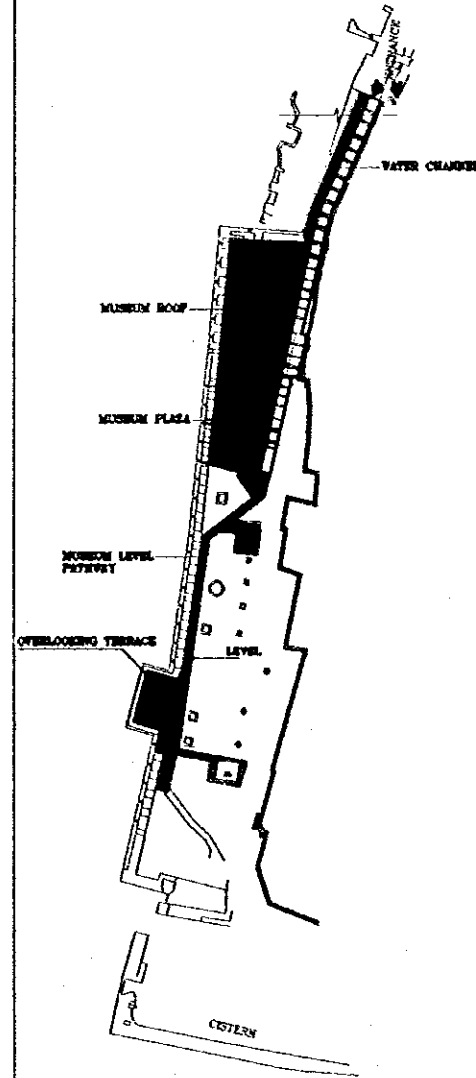


**SURVEY MAP - 6**  
**EXISTING & DEMOLISHING**  
**PART (2) (LOWER LEVEL)**  
Drawing Title:

Scale: 1/200 Drawing No.: KCPA-007

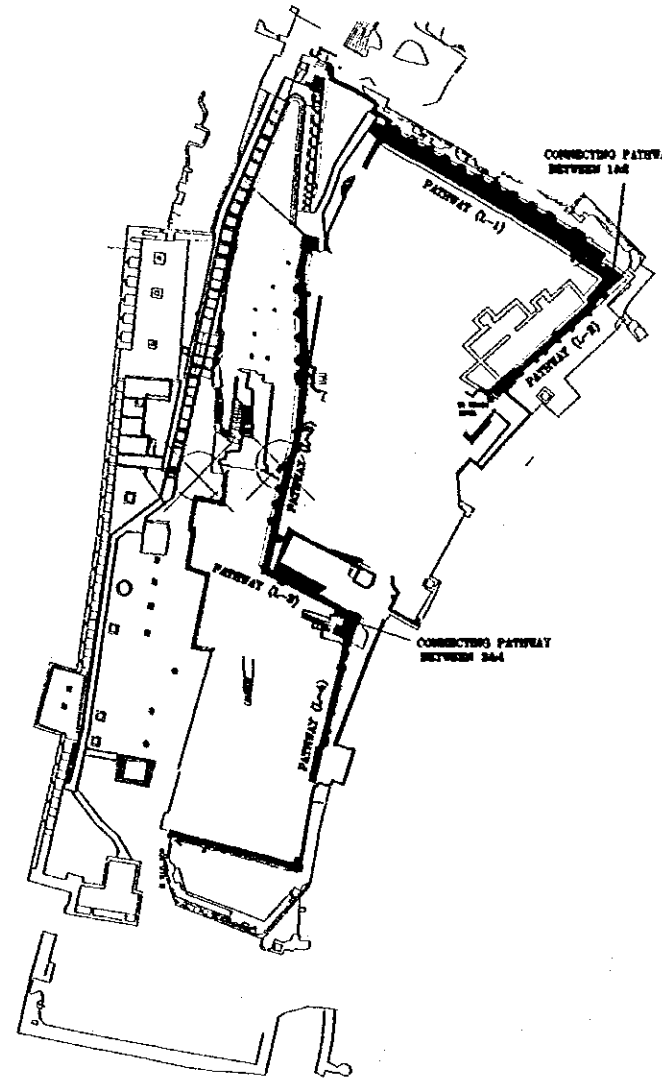


NASRIYAH LEVEL (NOT INCLUDED)



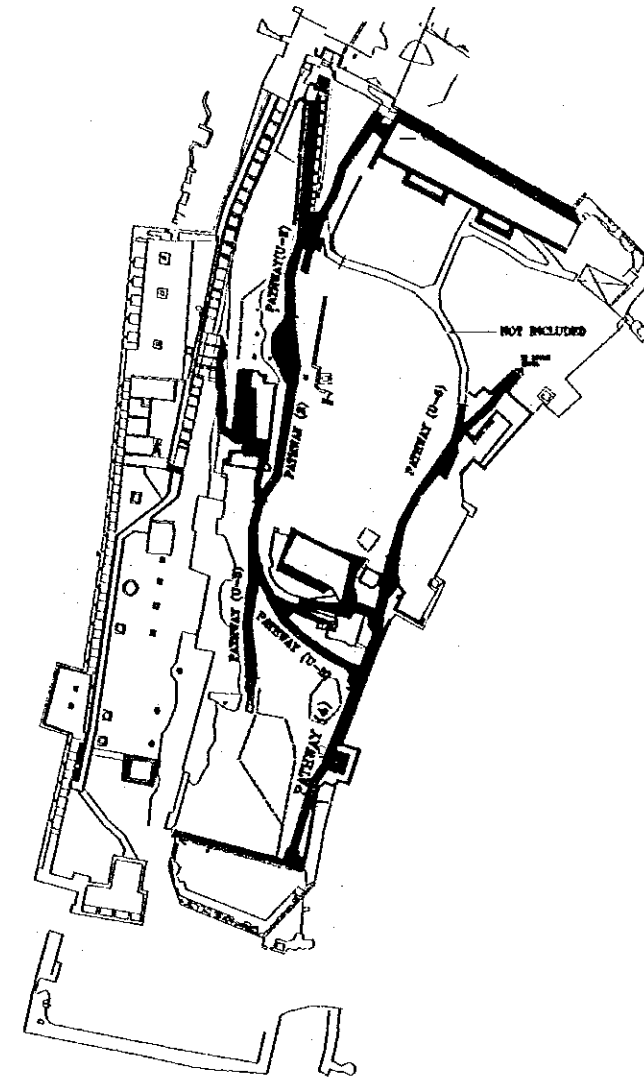
MUSEUM LEVEL AT 998.13 & MUSEUM ROOF AT 1003.80

- AREA TO BE IMPROVED
- PATHWAY (M)



LOWER LEVEL PATHWAY

- FOR PATHWAY (L-1) LEVEL 1023
- FOR PATHWAY (L-2) LEVEL 1024-1025.5
- FOR PATHWAY (L-3) LEVEL 1015.5-1020
- FOR PATHWAY (L-4) LEVEL 1015



UPPER LEVEL PATHWAY (No. BY SHEET)

- FOR PATHWAY (U-1) LEVEL 1017-1023
- FOR PATHWAY (U-2) LEVEL 1023-1025
- FOR PATHWAY (U-3) LEVEL 1019-1023
- FOR PATHWAY (U-4) LEVEL 1021-1021.5
- FOR PATHWAY (U-5) LEVEL 1026-1029

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

Note:  
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NOTE:

— BOUNDARY LINE TO SEPARATE PATHWAY NUMBERING

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JICA Study Team:

Joint Venture of Pacific Consultants International and Yamasita Sekkei Inc.

Subcontracted Local Consultant:

consolidated consultants  
engineering & environment  
SA 491277 - Fax 4912200 - AMMAN - JORDAN

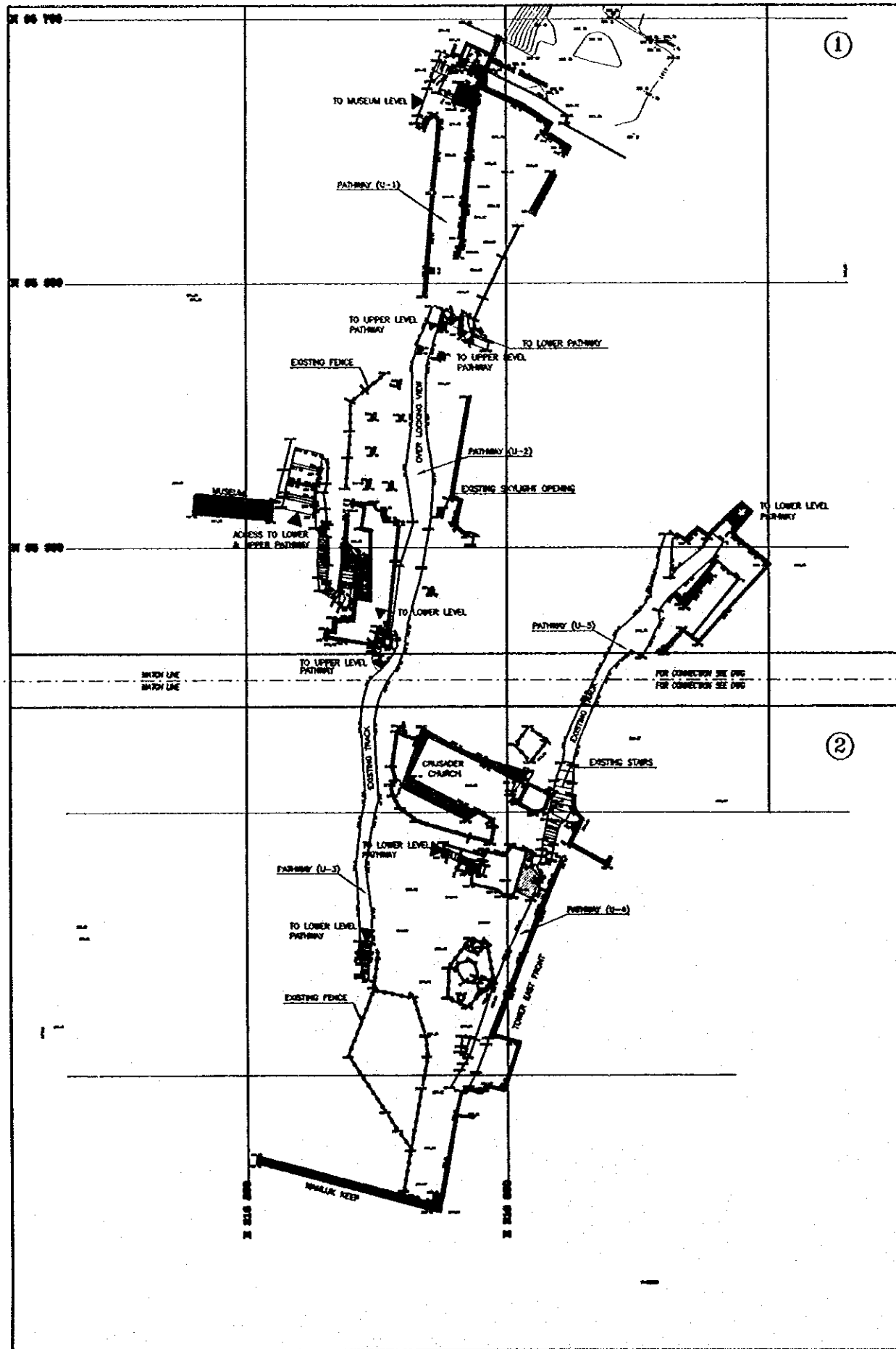
KEY PLANS  
PATHWAY & LEVELS

Drawing Title:

Scale:  
1:1000

Drawing No.:

KCPA-001



MATCH LINE  
MATCH LINE

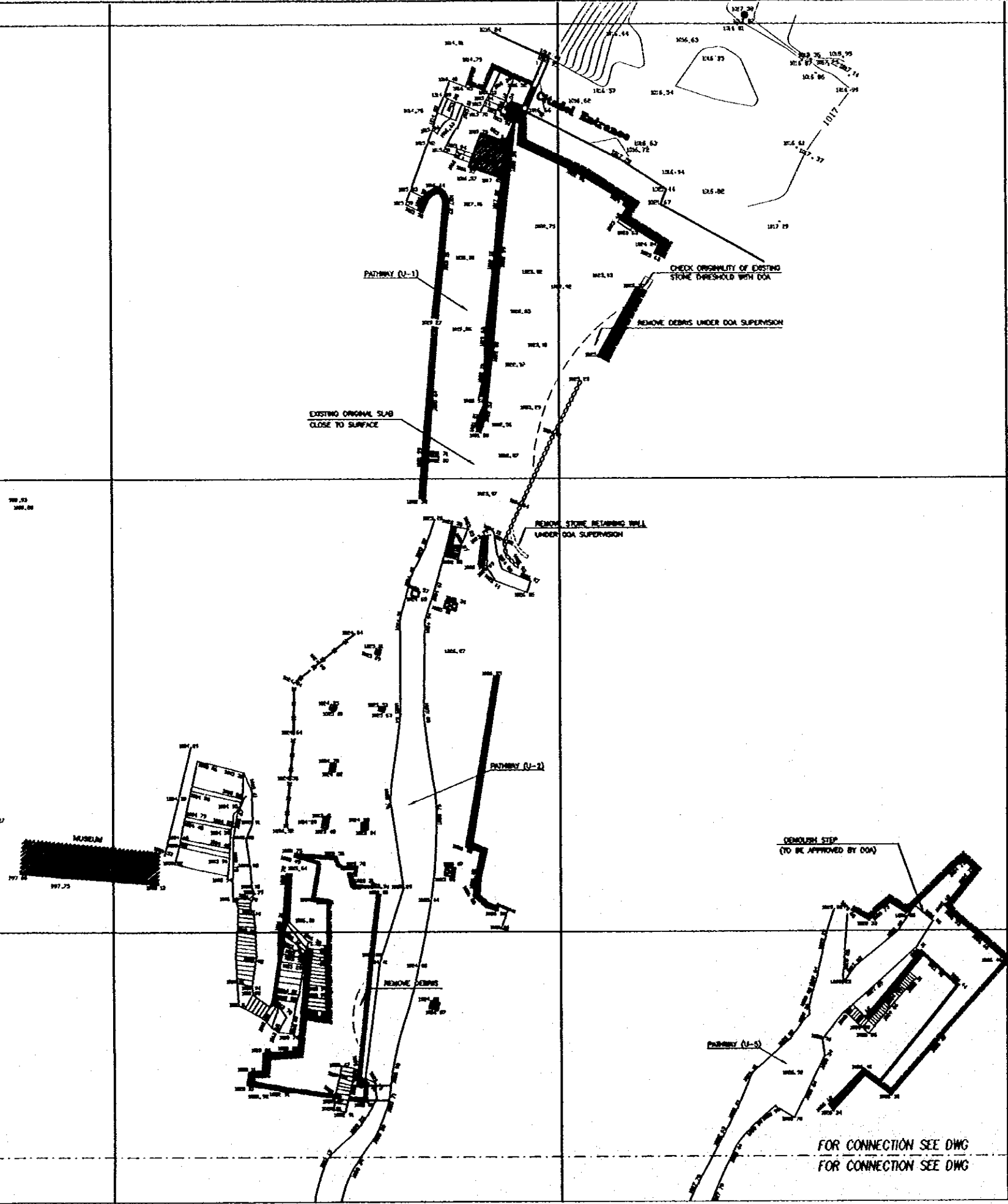
<b>Project:</b> Tourism Sector Development Project in the Hashemite Kingdom of Jordan	
<b>Executing Agency</b> The Ministry of Tourism and Antiquities The Ministry of Planning	
<b>SUB-PROJECT:</b> Karak Tourism Development Project Karak Castle Pathways	
<b>Note:</b> This detailed design has been executed by a team of consultants as shown below in accordance with the agreement between Japan International Cooperation Agency (JICA) and JICA Study Team. The copyright of this drawing rests with JICA.	
<b>NOTE:</b> THE CONTRACTOR NEEDS TO SUBMIT NEW SURVEY DRAWINGS & SHOP DRAWINGS	
<b>KEY PLAN</b>	
<b>Designed by:</b> Japan International Cooperation Agency (JICA) <b>JICA Study Team:</b> Joint Venture of Pacific Consultants International and Yamasita Sekkei Inc. <b>Subcontracted Local Consultant:</b> 	
<b>SURVEY MAP - 7</b> <b>EXISTING LAYOUT</b> <b>(UPPER LEVEL)</b>	
Drawing Title:	
Scale: 1/300	Drawing No.: <b>KCP.A-008</b>

N 65 700

N 65 650

N 65 600

MATCH LINE  
MATCH LINE

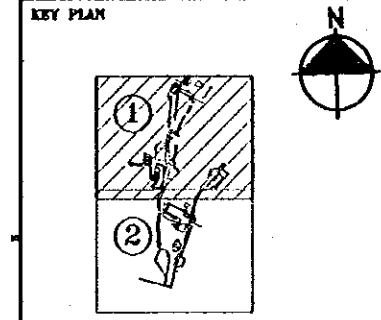


**Project:**  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

**Executing Agency**  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

**SUB-PROJECT:**  
Karak Tourism Development Project  
Karak Castle Pathways

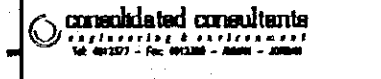
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**JICA Study Team:**  
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**Subcontracted Local Consultant:**



**SURVEY MAP - 8**  
**EXISTING & DEMOLISHING**  
**PART (1) (UPPER LEVEL)**  
Drawing Title:

Scale: 1/250  
Drawing No.: KCPA-009

27

MATCH LINE  
MATCH LINE

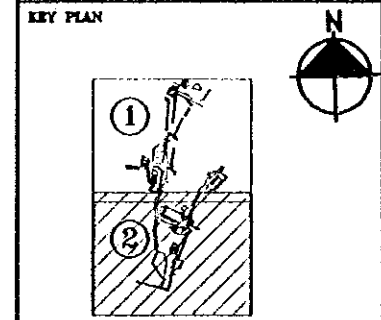
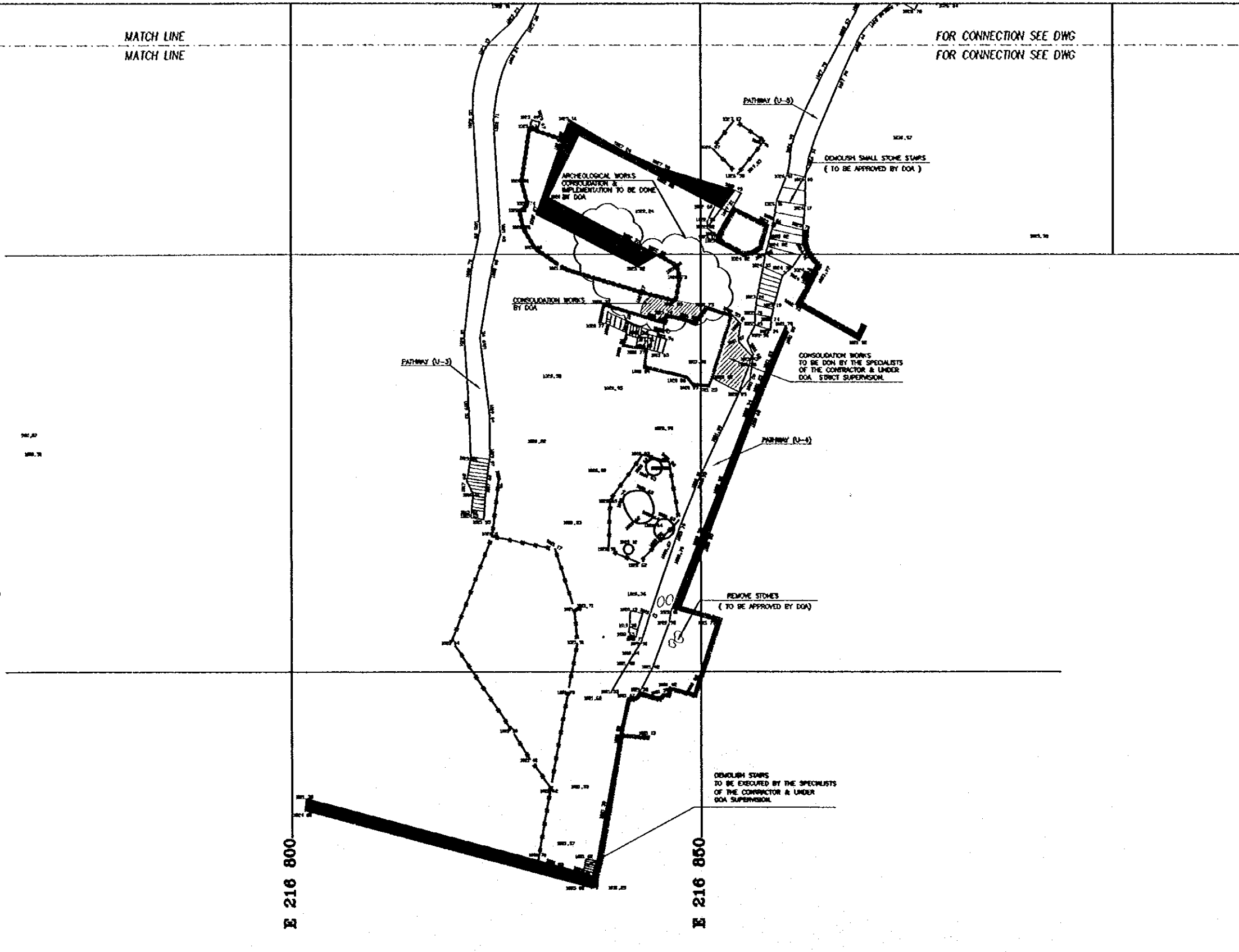
FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

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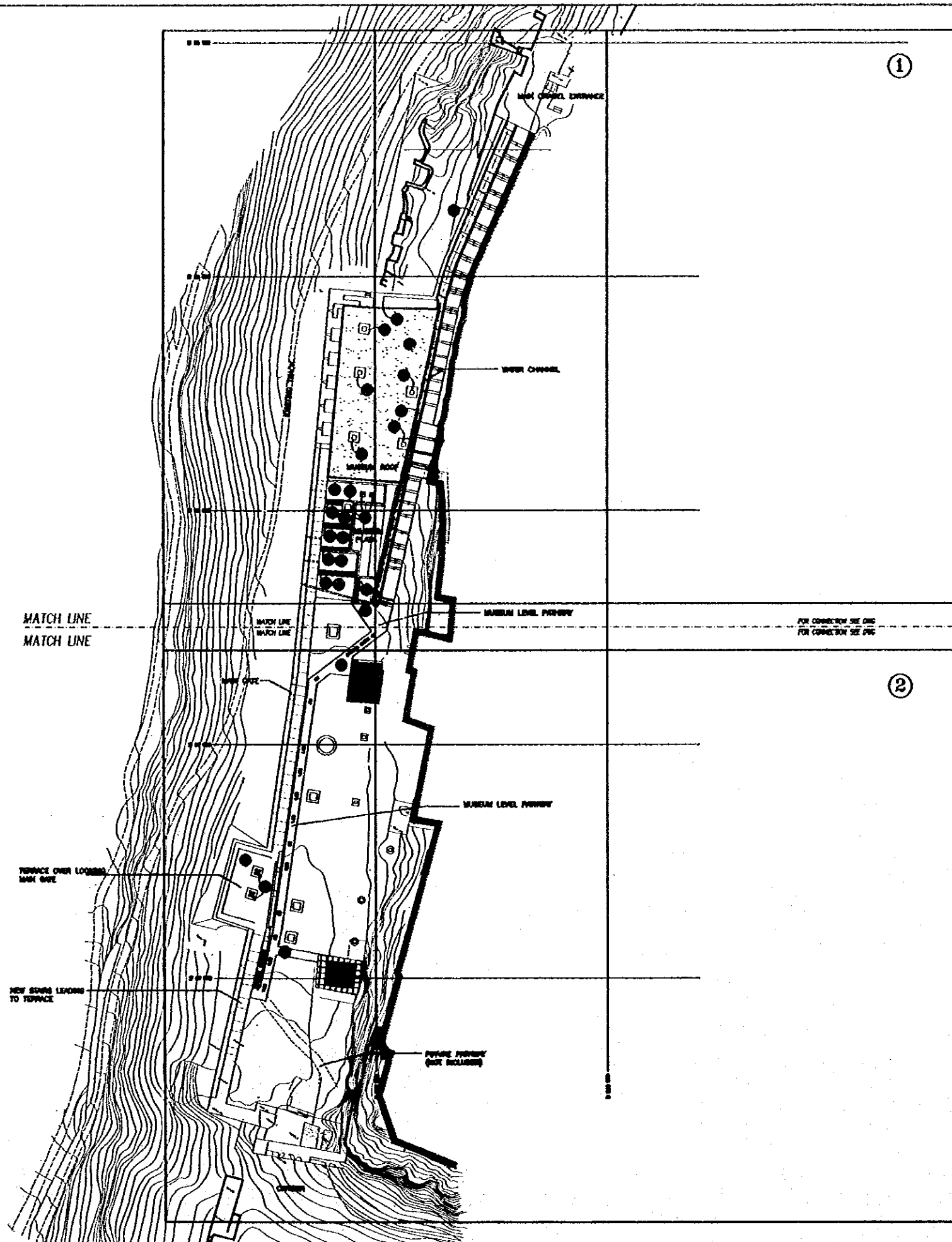


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JICA Study Team:  
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Subcontracted Local Consultant:



**SURVEY MAP - 9**  
**EXISTING & DEMOLISHING**  
**PART (2) (UPPER LEVEL)**  
Drawing Title:

Scale: 1/250  
Drawing No.: **KCPA-010**



AREA FINISHES & SCHEDULE / MUSEUM LEVEL

No.	ITEM	AREA (m <sup>2</sup> )
●	OUTDOOR PATHWAY (YELLOW WADI GRAVEL W/STABILIZER)	1398.80
②	INDOOR & CONNECTING PATHWAY (YELLOW WADI GRAVEL)	-
●	EDGING, STAIRS, SKYLIGHT & RETAINING WALLS (YELLOW STONE)	308.20
●	RETAINING WALLS (BLACK STONE)	7.40

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency

The Ministry of Tourism and Antiquities  
The Ministry of Planning

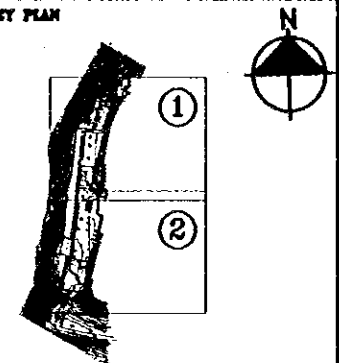
SUB-PROJECT:

Karak Tourism Development Project  
Karak Castle Pathways

Note:

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KEY PLAN



Designed by:

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JICA Study Team:

Joint Venture of  
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Yamamoto Sekkei Inc.

Subcontracted Local Consultant:

**consolidated consultants**  
Engineering & Architecture  
Tel: 001277 - Fax: 001276 - JORDAN - AMMAN

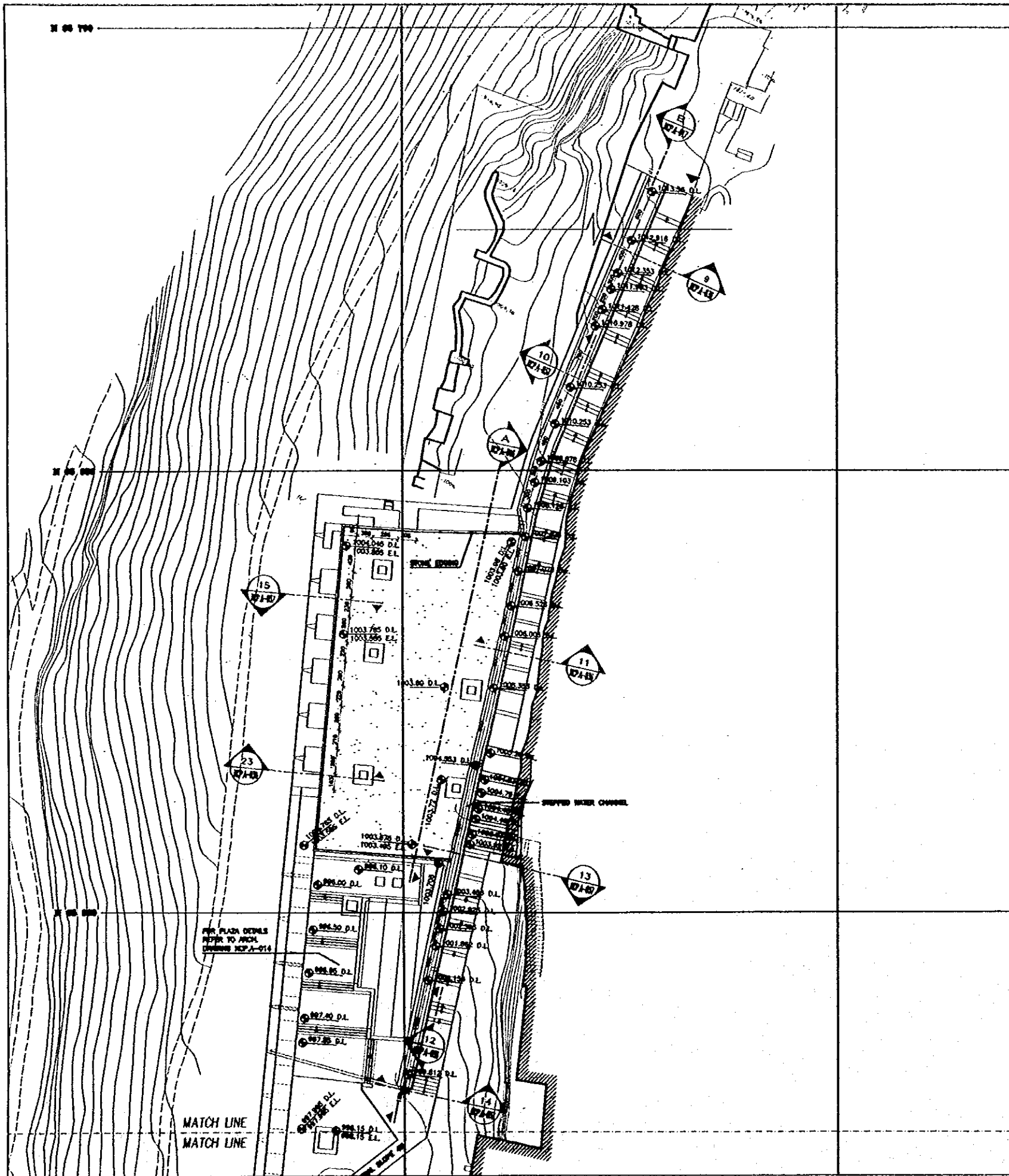
**GENERAL LAYOUT PATHWAY  
DESIGN (MUSEUM LEVEL)  
AREA & FINISHING SCHEDULE**

Drawing Title:

Scale:  
1/500

Drawing No.:

KCPA-011

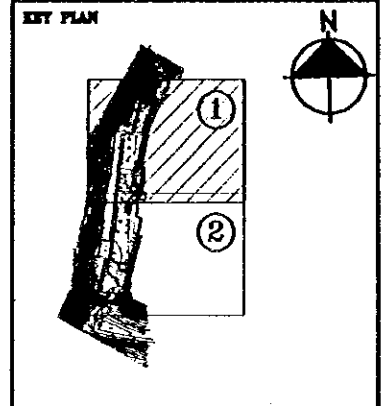


Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

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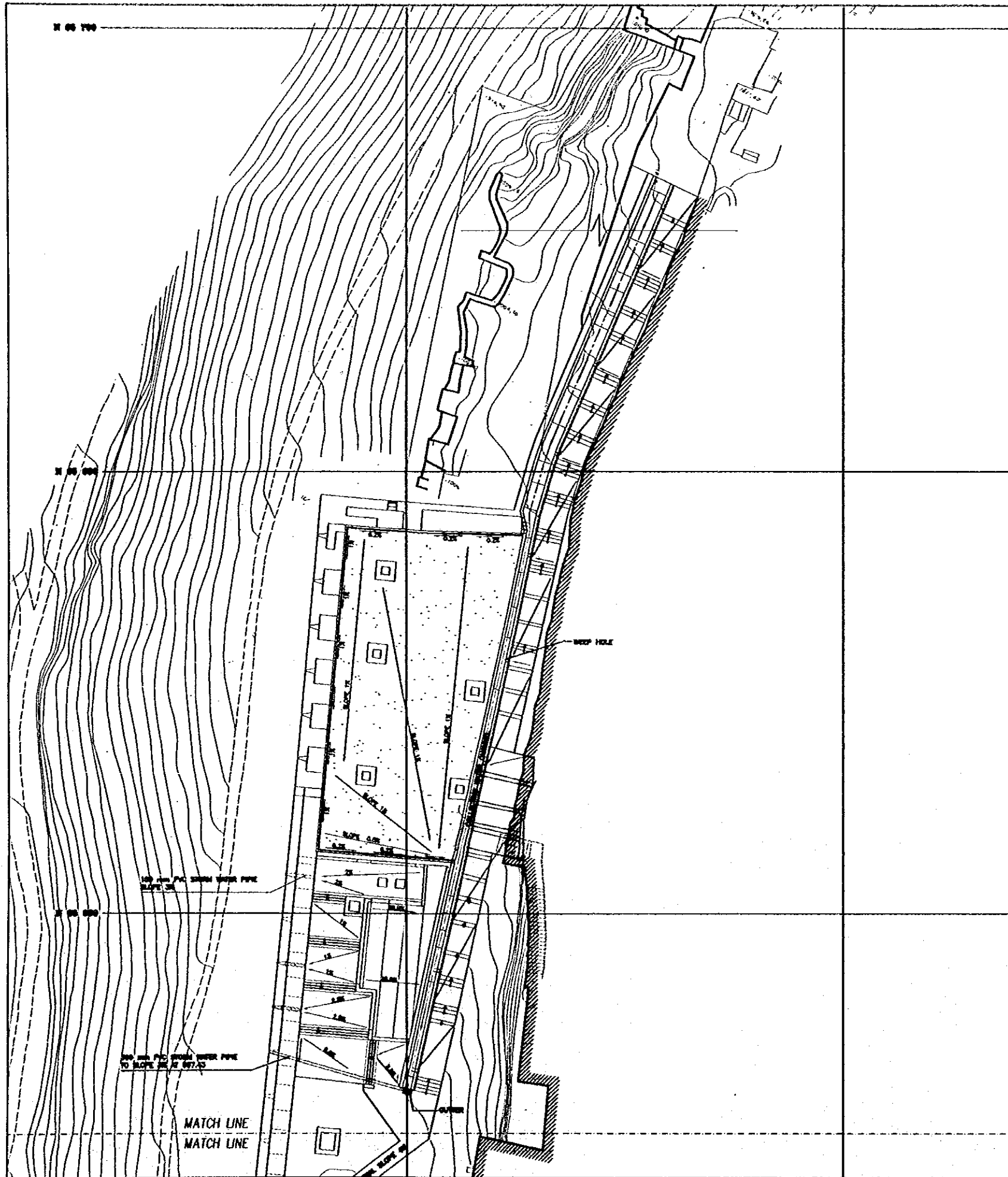
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**PATHWAY DESIGN  
MUSEUM LEVEL PART-1**  
Drawing Title:

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

Scale: 1/250  
Drawing No.: KCPA-012

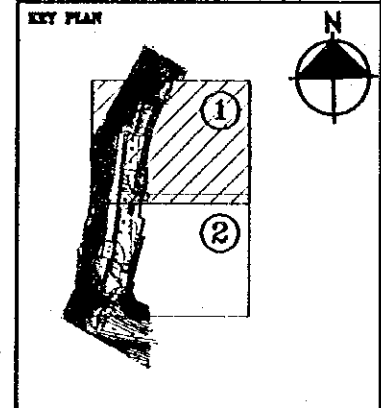


Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

Note:  
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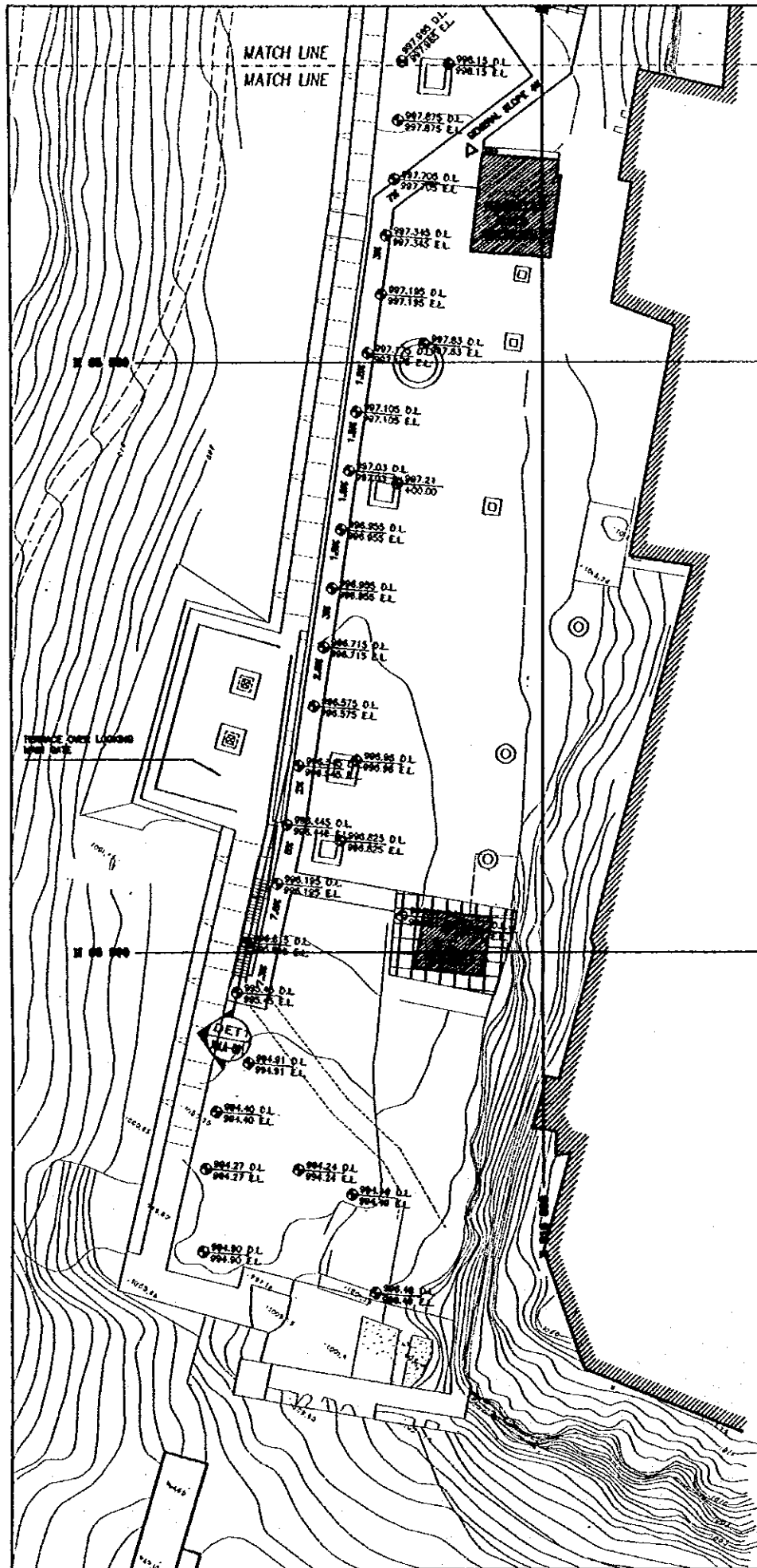


**PATHWAY STORM  
WATER DRAINAGE  
MUSEUM LEVEL PART-1**  
Drawing Title:

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

Scale: 1/250 Drawing No.: KCPA-013





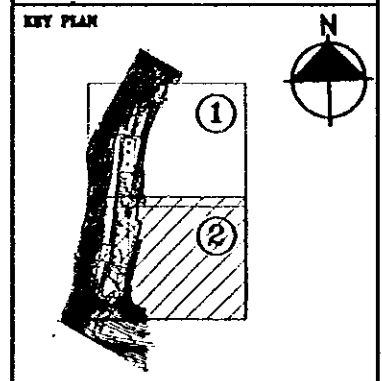
FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

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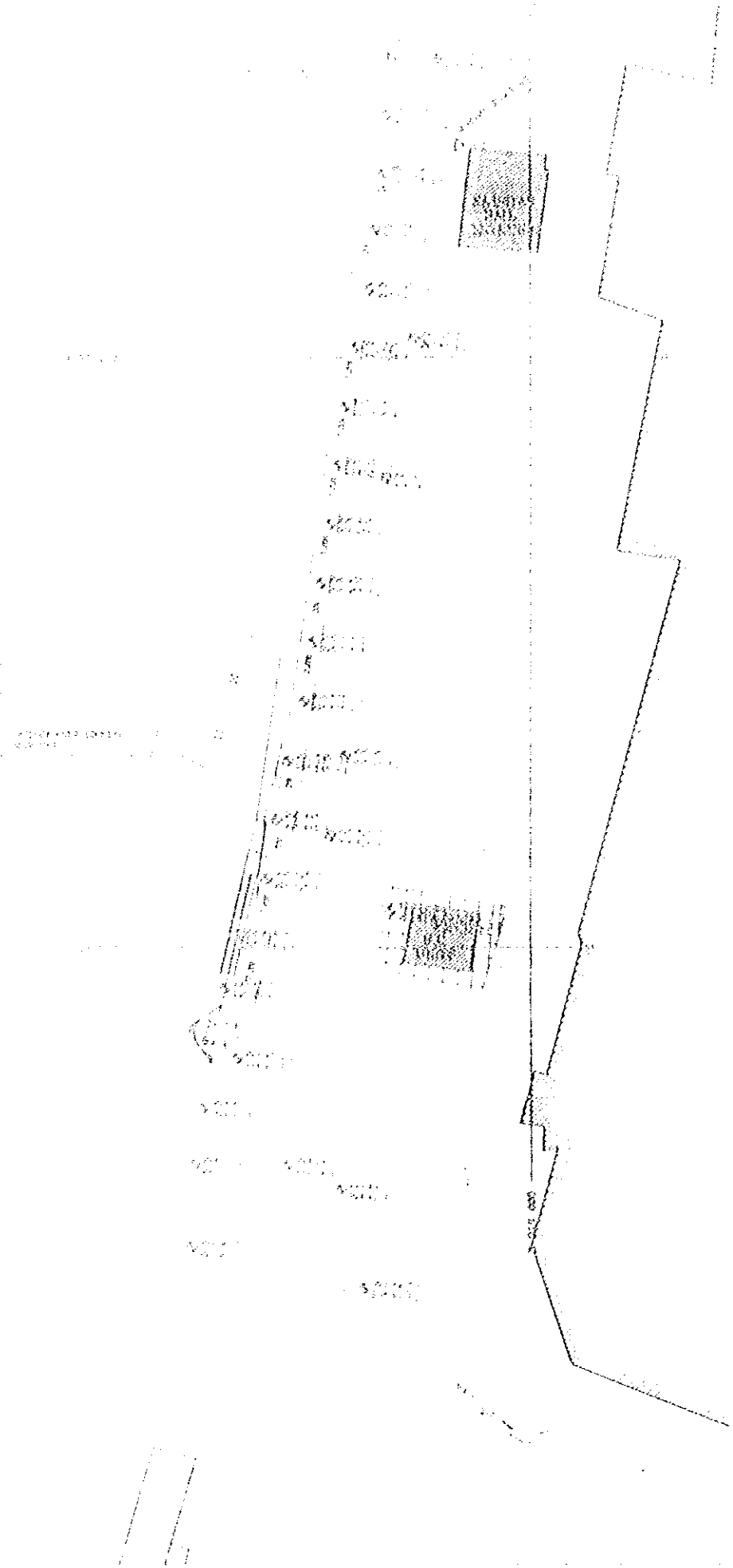
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JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamashita Sekkei Inc.  
Subcontracted Local Consultant:

**consolidated consultants**  
4021200112 & 4021200101  
Tel. 4022077 - Fax 4022008 - 40004 - 40004


**PATHWAY DESIGN  
MUSEUM LEVEL PART-2**


Drawing Title:

Scale: 1/250 Drawing No.: **KCPA-014**

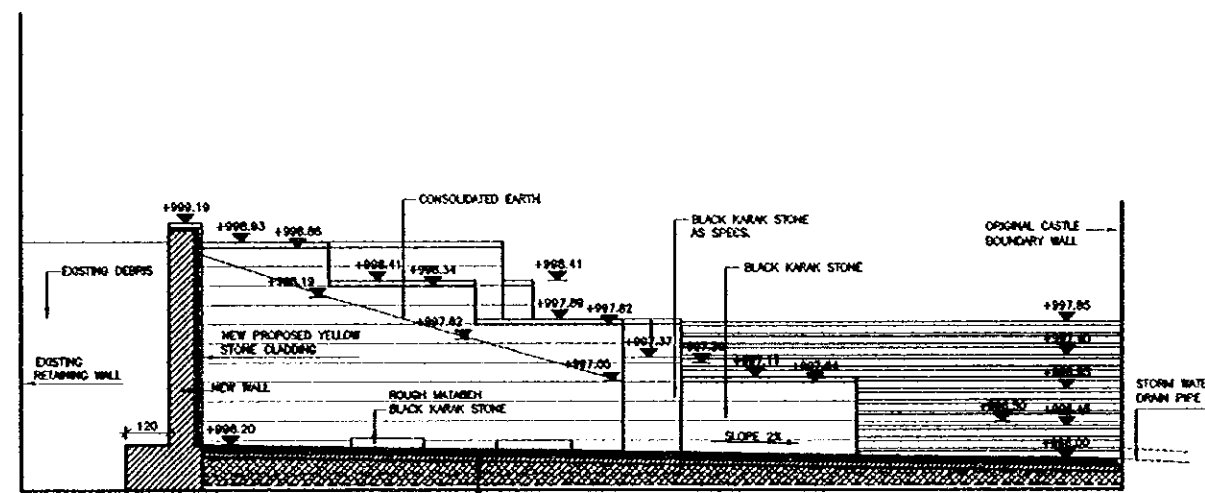
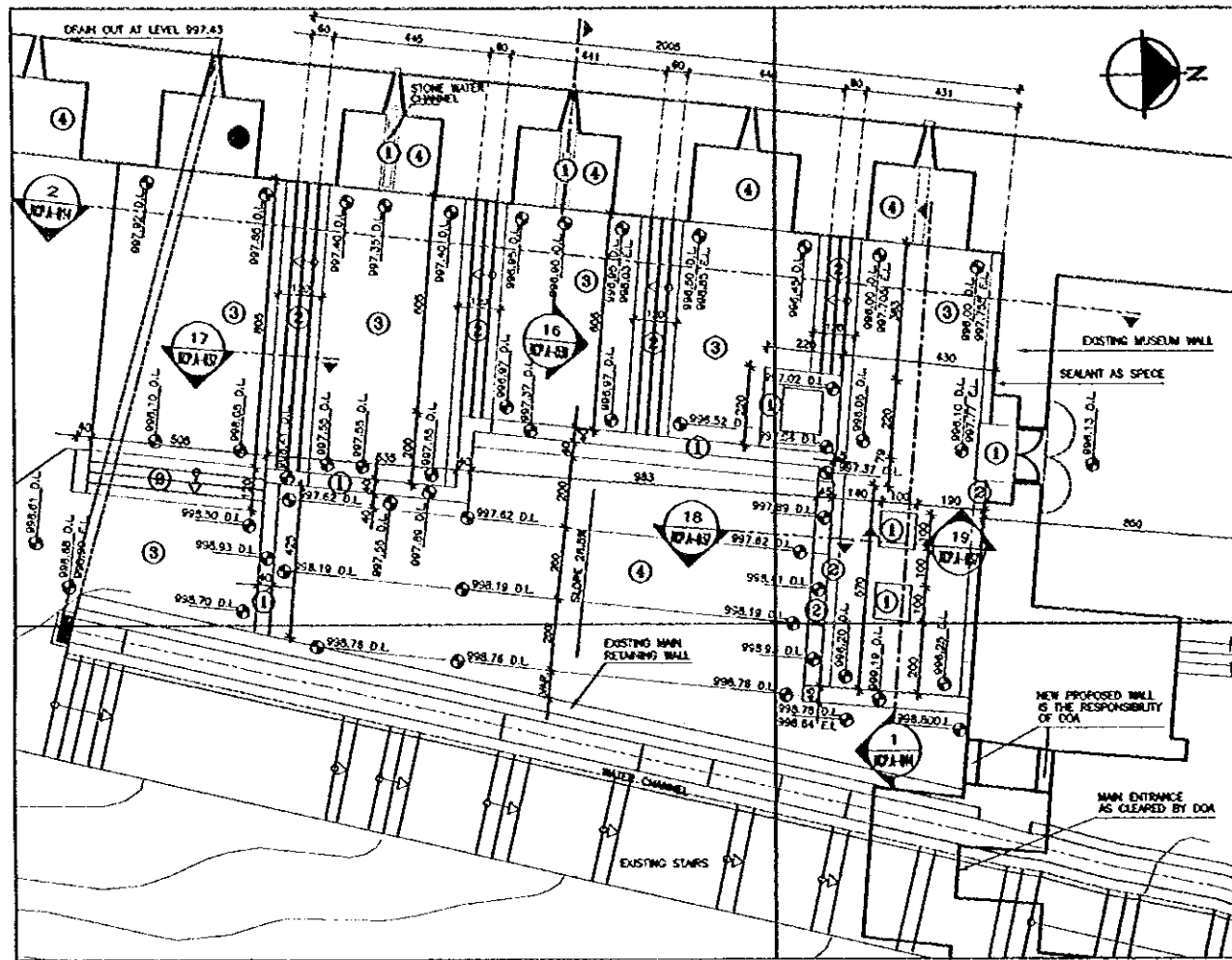


2 30 x 300





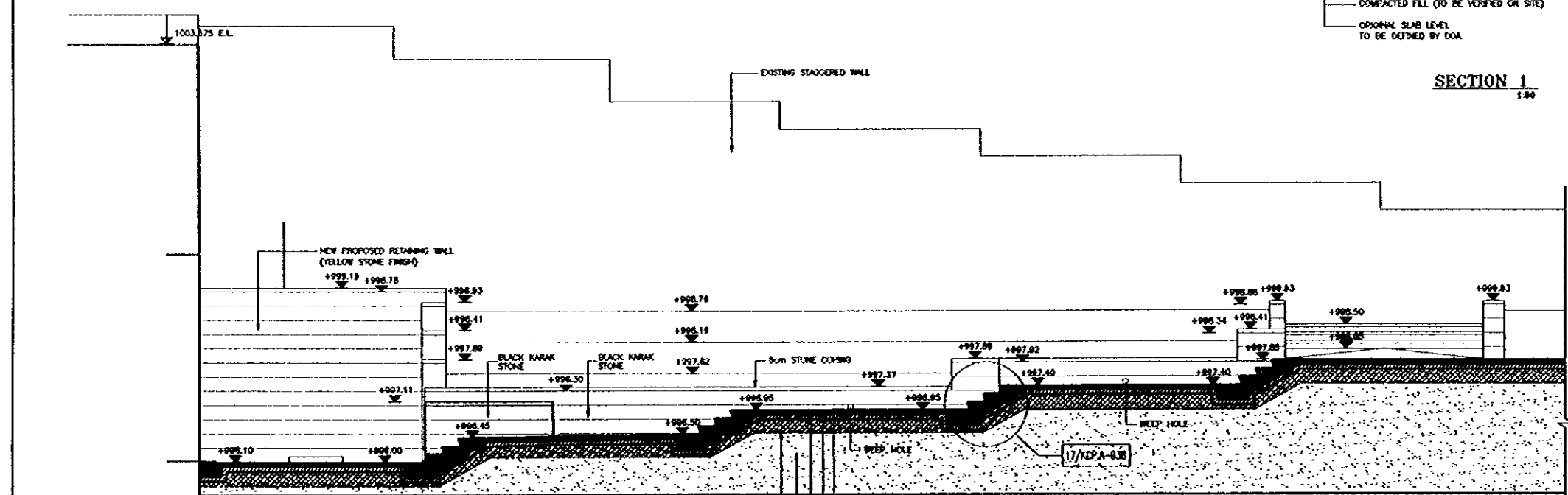
MUSEUM TRAIL PAINT  
 PATHWAY DESIGN  
 MUSEUM TRAIL PAINT  
 KEP-014



PLAZA PLAN  
1:100

- 8cm CRUSHED WADI GRAVEL (15-25)mm DESERT YELLOW W/ STABILIZER AS SPECS.
- DAMP PROOF MEMBRANE (TO BE DECIDED LATER) SEE NOTE (1)
- SLAB (CONSISTENT TO BE DETERMINED LATER) SEE NOTE (1)
- COMPACTED FILL (TO BE VERIFIED ON SITE)
- ORIGINAL SLAB LEVEL TO BE DETERM BY DOA

SECTION 1  
1:30



SECTION 2  
1:30

- 8cm CRUSHED WADI GRAVEL (15-25)mm DESERT YELLOW
- DAMP PROOF MEMBRANE (TO BE DECIDED LATER) SEE NOTE (1)
- SLAB (CONSISTENT TO BE DETERMINED LATER) SEE NOTE (1)
- COMPACTED FILL
- SEPARATION LAYER (POLYETHYLENE SHEETS) 2 LAYERS + 250 MICRON THICK WHERE POSSIBLE TO REACH ORIGINAL SLAB LEVEL

NOTE (1)  
MATCHING MORTAR TO EXISTING INNER WALL, ROOF FILL TO BE DETERMINED EXCAVATIONS TO DETERMINE SLAB CONSISTENT & SUGGESTED COVERING FOR EXISTING SLAB FOR WHICH MEMBRANE CAN BE DECIDED.

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency:  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Museum

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LEGEND:

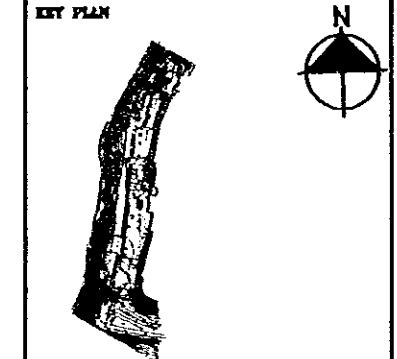
- ROUGH MATABEH BLACK KARAK STONE .
- DESERT YELLOW STONE
- CRUSHED WADI GRAVEL STONE (15-20)mm W/STABILIZER AS SPECS.
- CONSOLIDATED EARTH .
- LOOSE GRAVEL

NOTES:

- DOA SHOULD APPROVE REMOVAL OF STAIRS LEADING TO MUSEUM AT ENTRANCE.
- CLOSE DOOR OPENING AT MUSEUM WALL (ADJACENT ROOM) AFTER APPROVAL & INSTRUCTIONS OF DOA.
- FINAL LEVELS INDICATED HERE FOR PLAZA NEED TO BE APPROVED BY DOA & AFTER CONDUCTING EXCAVATIONS BEFORE IMPLEMENTATION.

NOTE & REMARK

- IF DOA IS PLANNING TO REMOVE RETAINING WALL TO EXPOSE ENTRANCE WITHIN THE FRAME WORK OF THIS PROJECT ANEV DESIGN FOR RETAINING WALL NEEDS TO BE ADDRESSED ACCORDINGLY .



Designed by:  
Japan International Cooperation Agency (JICA)

JICA Study Team:  
Joint Venture of Pacific Consultants International and Yamosita Sekkei Inc.

Subcontracted Local Consultant:

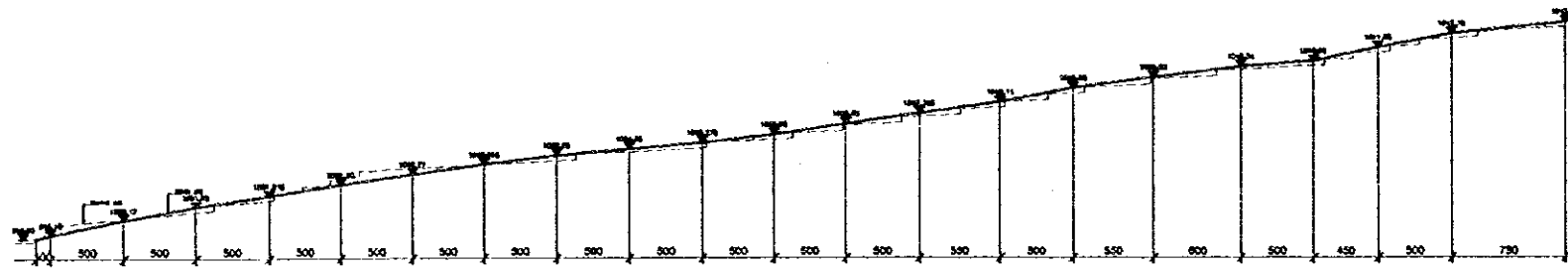


MUSEUM PLAZA  
PLAN & SECTIONS

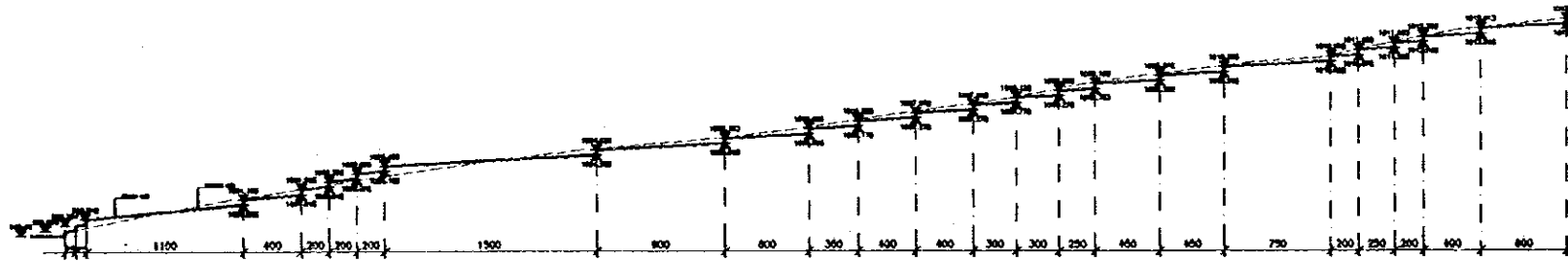
Drawing Title:

Scale: 1:100, 1:30

Drawing No.: KCP.A-015



EXISTING WATER CHANNEL SLOPE



STEPPED WATER CHANNEL DESIGN LAYOUT

ORIGINAL DATA			DESIGN		
DISTANCE	ACC. DIS.	ELEVATION	DISTANCE	LEVEL	
	0	1013.56	0	1013.56	1013.21
7.8	7.8	1012.79	6	1012.918	1012.568
5	12.8	1011.83	4	1012.353	1012.003
4.5	17.3	1010.9	2	1011.908	1011.533
5	22.3	1010.54	2.5	1011.428	1011.078
6	28.3	1009.83	2	1010.978	1010.628
5.5	33.8	1009.08	7.5	1010.253	1009.953
5	38.8	1008.11	4.5	1009.878	1009.328
5.5	44.3	1007.35	4.5	1009.103	1008.753
5	49.3	1006.56	2.5	1008.628	1008.278
5	54.3	1005.93	3	1008.128	1007.778
5	59.3	1005.38	3	1007.628	1007.278
5	64.3	1004.95	4	1007.078	1006.728
5	69.3	1004.53	4	1006.528	1006.178
5	74.3	1003.905	3.5	1006.003	1005.653
5	79.3	1003.27	6	1005.353	1005.003
5	84.3	1002.56	9	1004.553	1004.203
5	89.3	1001.815	15	1003.453	1003.103
5	94.3	1001.06	2	1002.923	1002.573
5	99.3	1000.17	2	1002.393	1002.043
5	104.3	999.18	2	1001.863	1001.513
1	105.3	998.9	4	1001.153	1000.803
105.3			11	999.8125	999.4625
			1.5	999.3275	998.9775

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

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Japan International Cooperation Agency (JICA)

JICA Study Team:  
Joint Venture of Pacific Consultants International and Yamasita Sekkei Inc.

Subcontracted Local Consultant:

consolidated consultants  
engineering & environment  
Tel: 001277 - Fax: 001280 - AMM - JORDAN

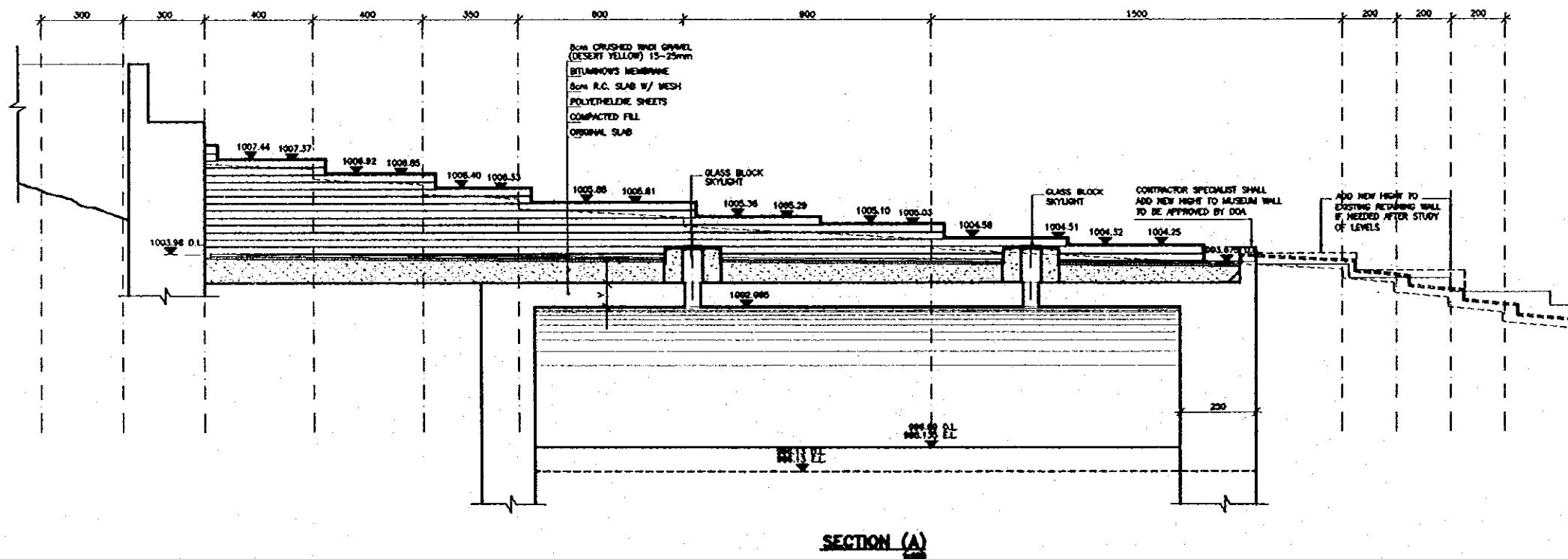
STEPPED WATER CHANNEL SECTION A

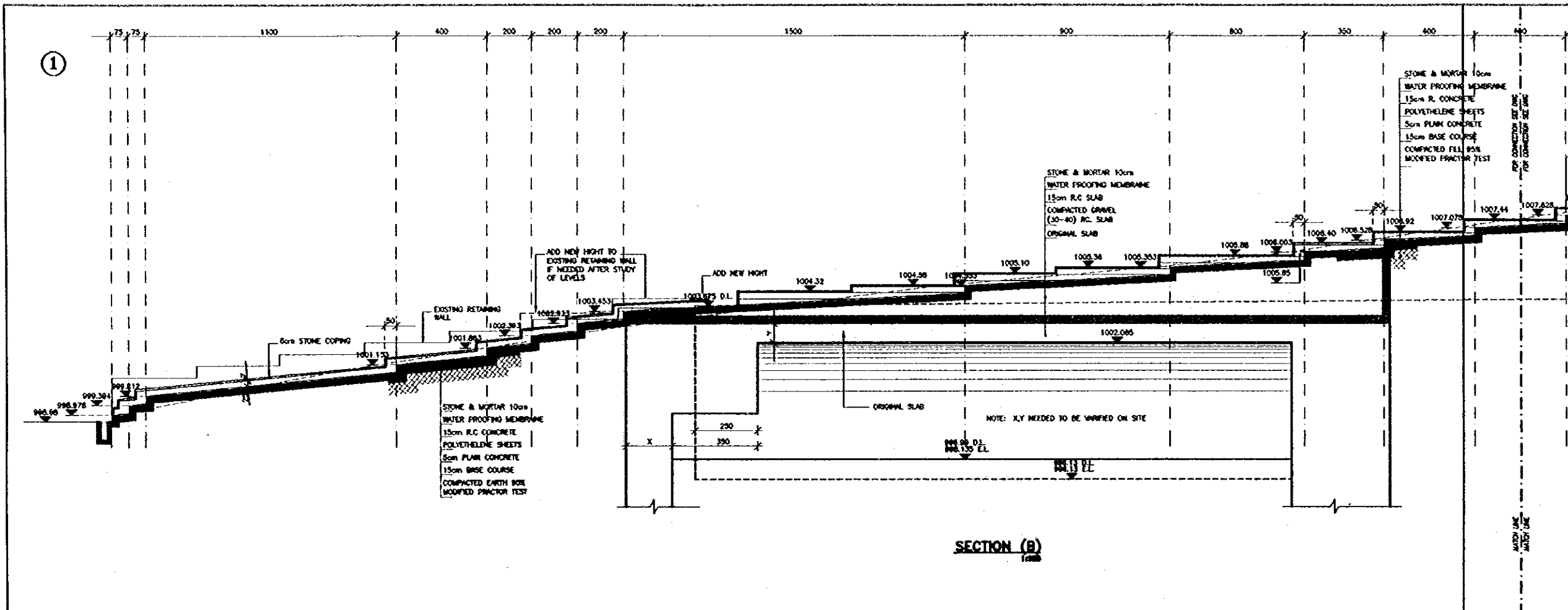
Drawing Title:

Scale: 1:200, 1:100

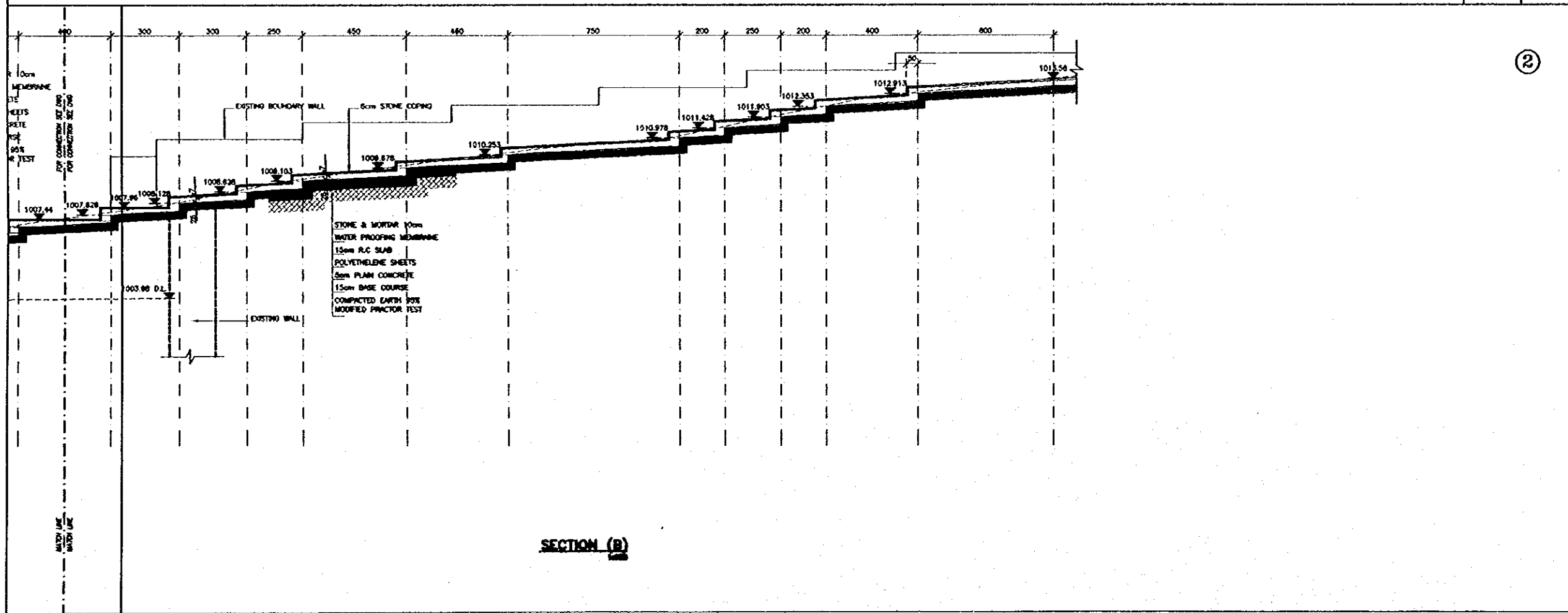
Drawing No.:

KCPA-016





SECTION (B)  
1/200



SECTION (B)  
1/200

**Project:**  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

**Executing Agency:**  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

**SUB-PROJECT:**  
Karak Tourism Development Project  
Karak Castle Pathways

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**NOTE:**  
- LEVELS OF SLAB AND DRAIN TO BE APPROVED AFTER INVESTIGATION OF ORIGINAL SLAB LEVEL TO DETERMINE IF PROPOSAL IS APPROPRIATE

**RECOMMENDATION:**  
FRONT PARAPET WALL OF MUSEUM MAY NEEDS TO BE CHANGED TO A NEW APPROPRIATE HEIGHT ( WITHIN THE APPROVED OF DOA)

1. DEMOLITION OF LAST STONE COURSE
2. NEW STONES COURSES, OF SIMILAR STONE TO FACADE

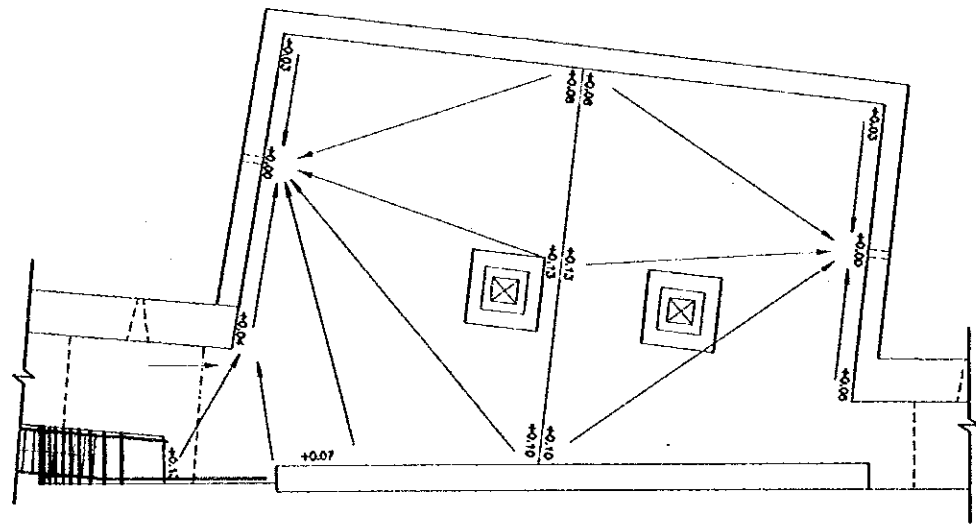
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JICA Study Team:  
Joint Venture of  
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Yamasita Sekkei Inc.  
Subcontracted Local Consultant:

**CONSOLIDATED CONSULTANTS**  
Engineering & Environment  
14, 15/2377 - Fax: 497236 - 4999 - JORDAN

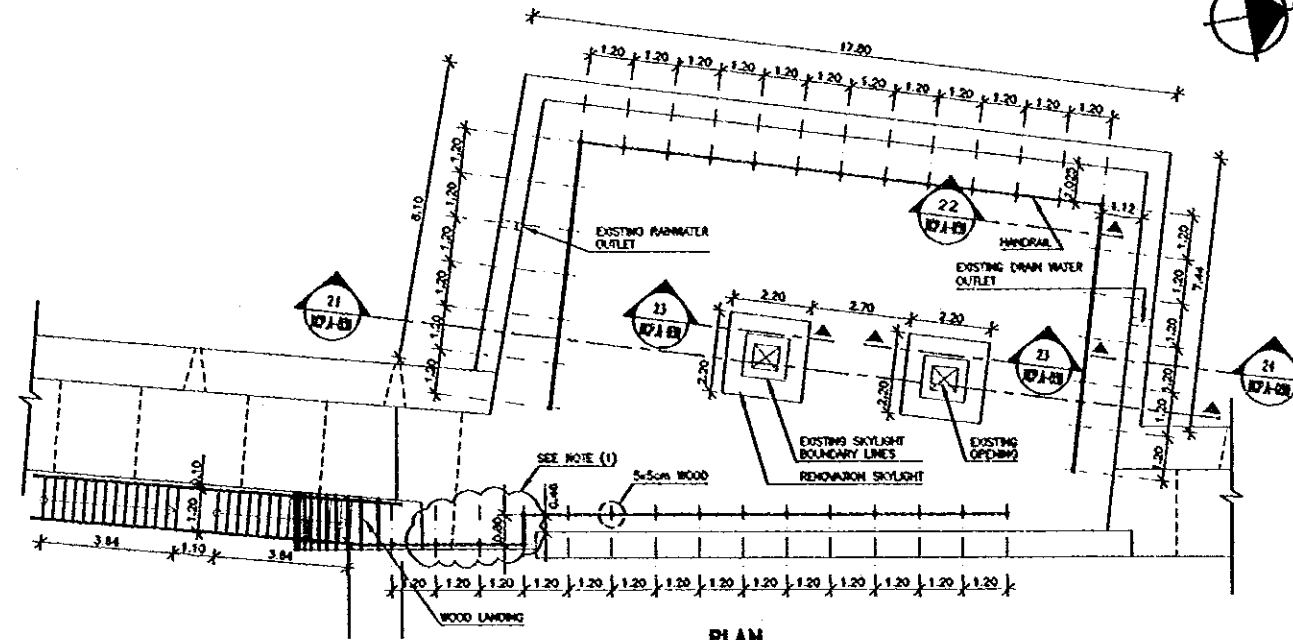
**STEPPED WATER CHANNEL  
SECTION B**

Drawing Title:

Scale: 1:1000 Drawing No.: **KCPA-017**

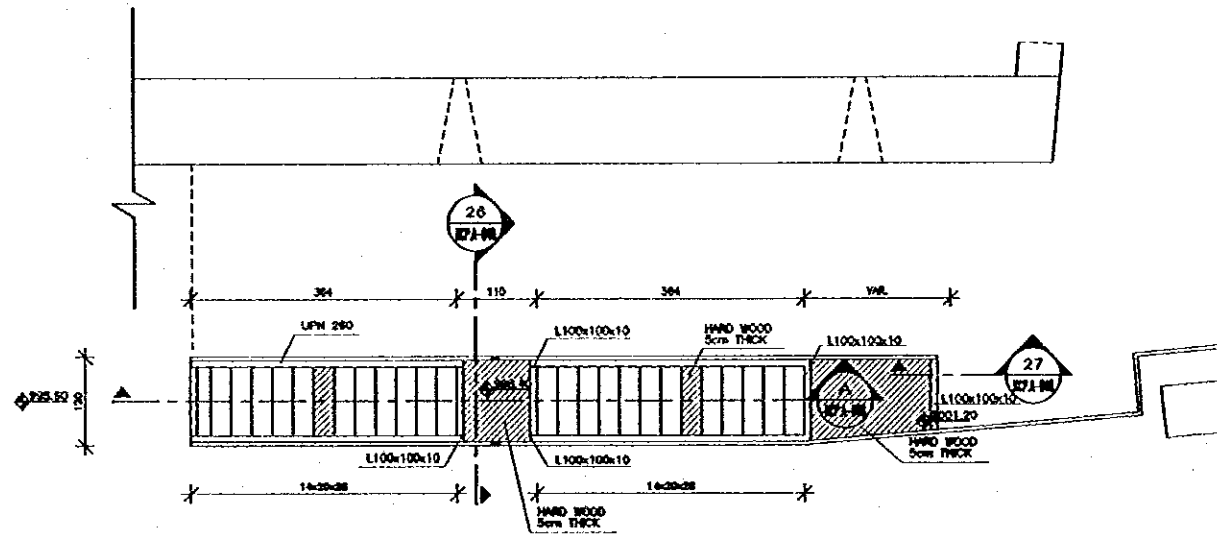


**STORM WATER DRAINAGE**  
SCALE = 1:100

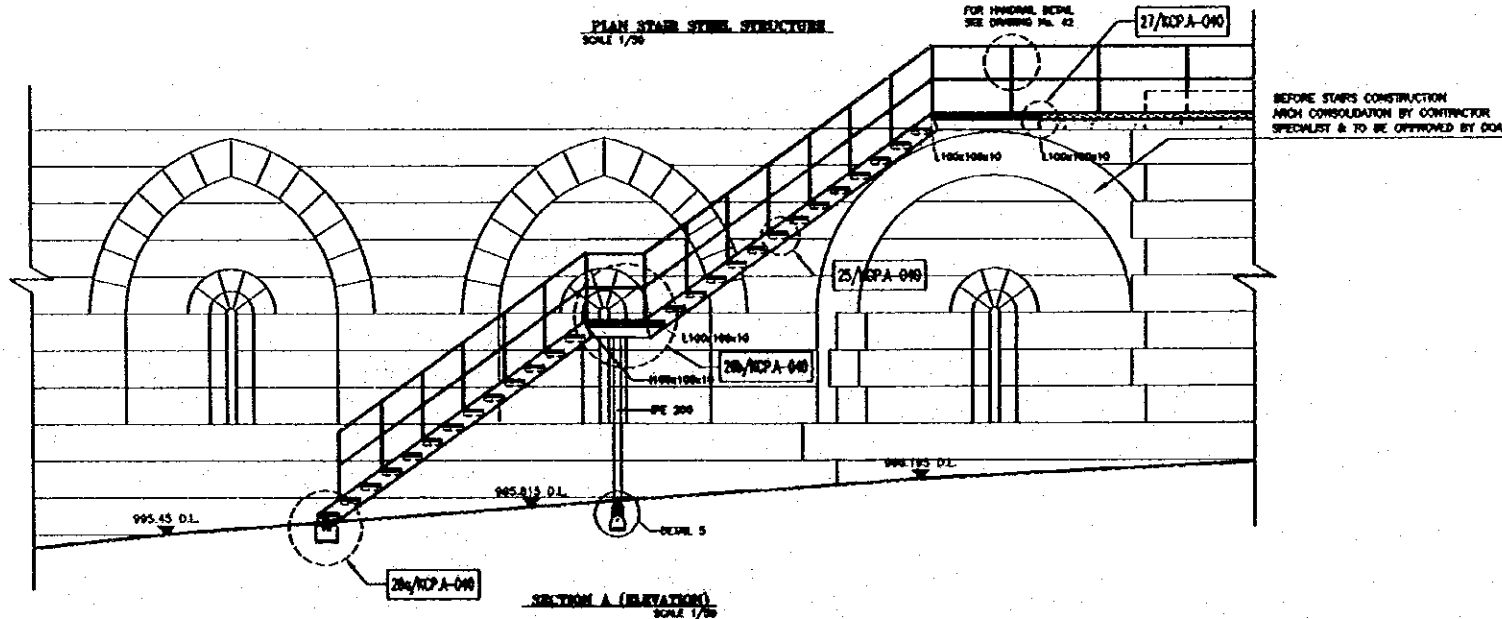


**PLAN**  
SCALE = 1:100

**NOTE (1)**  
STONE EDGING MAY NEED TO BE INTRODUCED ACCORDING TO EXISTING STATE



**PLAN STAIR STEEL STRUCTURE**  
SCALE 1/50



**SECTION A (ELEVATION)**  
SCALE 1/50

**Project:**  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

**Executing Agency**  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

**SUB-PROJECT:**  
Karak Tourism Development Project  
Karak Castle Pathways

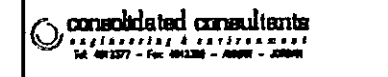
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**NOTE:**

- IF DURING REMOVAL OF SLAB, NECESSITY FOR CHANGING DRAINAGE OUTLETS OR SLOPE, THE ENGINEER CAN SUGGEST AN ALTERNATIVE DESIGN.
- SINCE THE DESIGN IS BASED ON SOME PREVIOUS EXISTING PLANS THE CONTRACTOR NEED TO SUBMIT SHOP DRAWINGS A NEW SURVEY FOR DETAILED AREAS AND WHERE MENTIONED.

**Designed by:**  
Japan International Cooperation Agency (JICA)  
JICA Study Team:  
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**Subcontracted Local Consultant:**

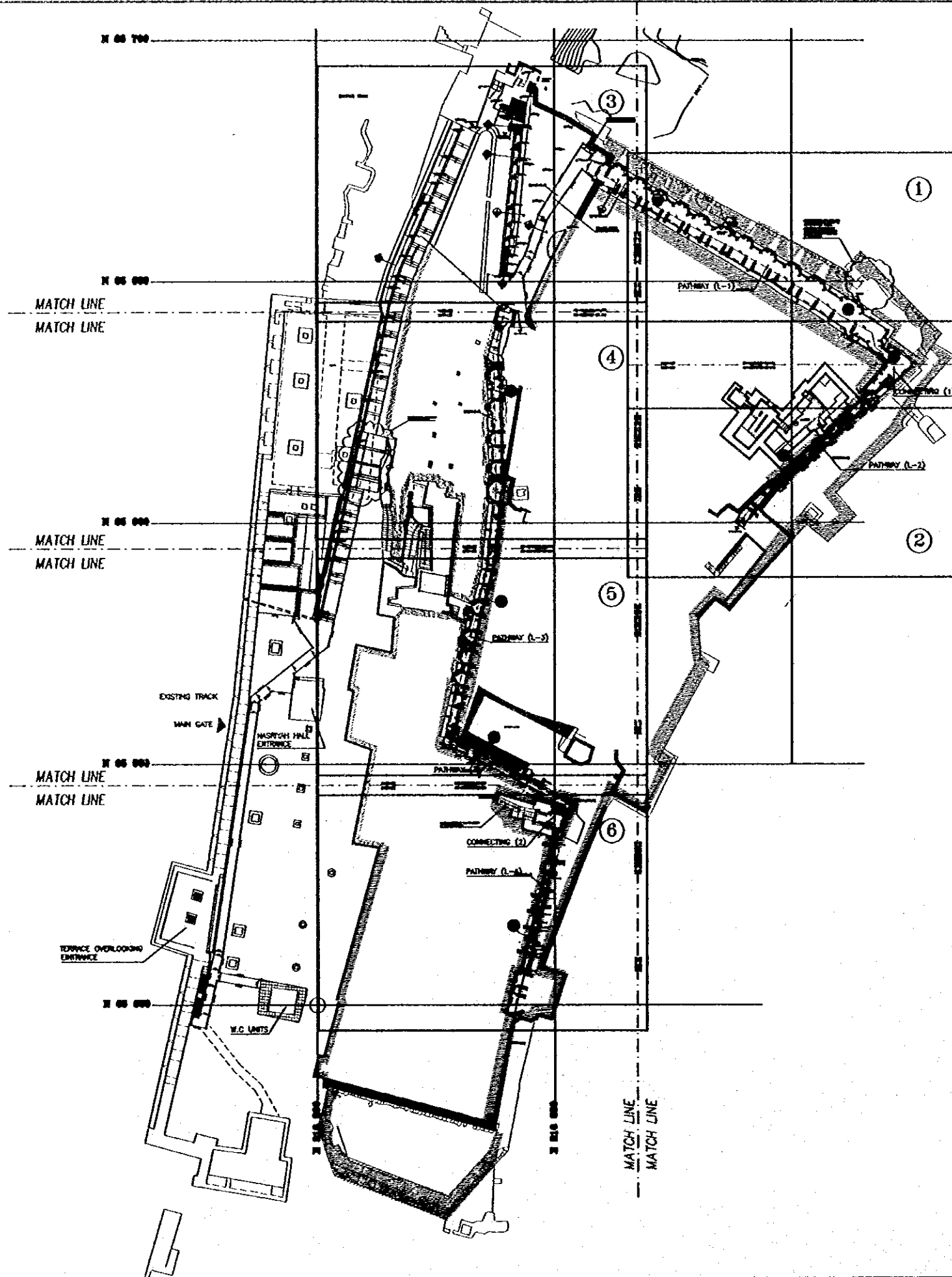


**TERRACE OVERLOOKING  
MAIN GATE DETAILS**

Drawing Title:

Scale: 1:50, 1:100

Drawing No.: **KCPA-018**



AREA FINISHES & SCHEDULE / MUSEM LEVEL

No.	ITEM	AREA (m <sup>2</sup> )
①	OUTDOOR PATHWAY (YELLOW WADI GRAVEL W/STABILIZER)	
●	INDOOR & CONNECTING PATHWAY (YELLOW WADI GRAVEL)	650.68
③	EDGING, STAIRS, SKYLIGHT & RETAINING WALLS (YELLOW STONE)	
④	RETAINING WALLS (BLACK STONE)	

MATCH LINE  
MATCH LINE

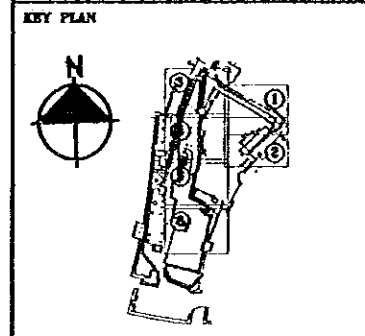
Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

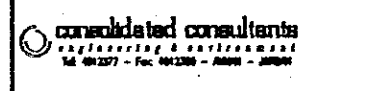
SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

Note:  
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NOTE:  
- PREPARATION OF PATHWAY LEVEL UNDER STRICT SUPERVISION OF DOA & WHEN EVER NECESSARY.  
- ARCH AEOLOGICAL EXCAVATIONS CAN PRECEED PREPARATION WAY.  
KITCHEN & CASTLE BOUNDARY LAYOUT IS DIGITIZED FROM OLD DRAWINGS

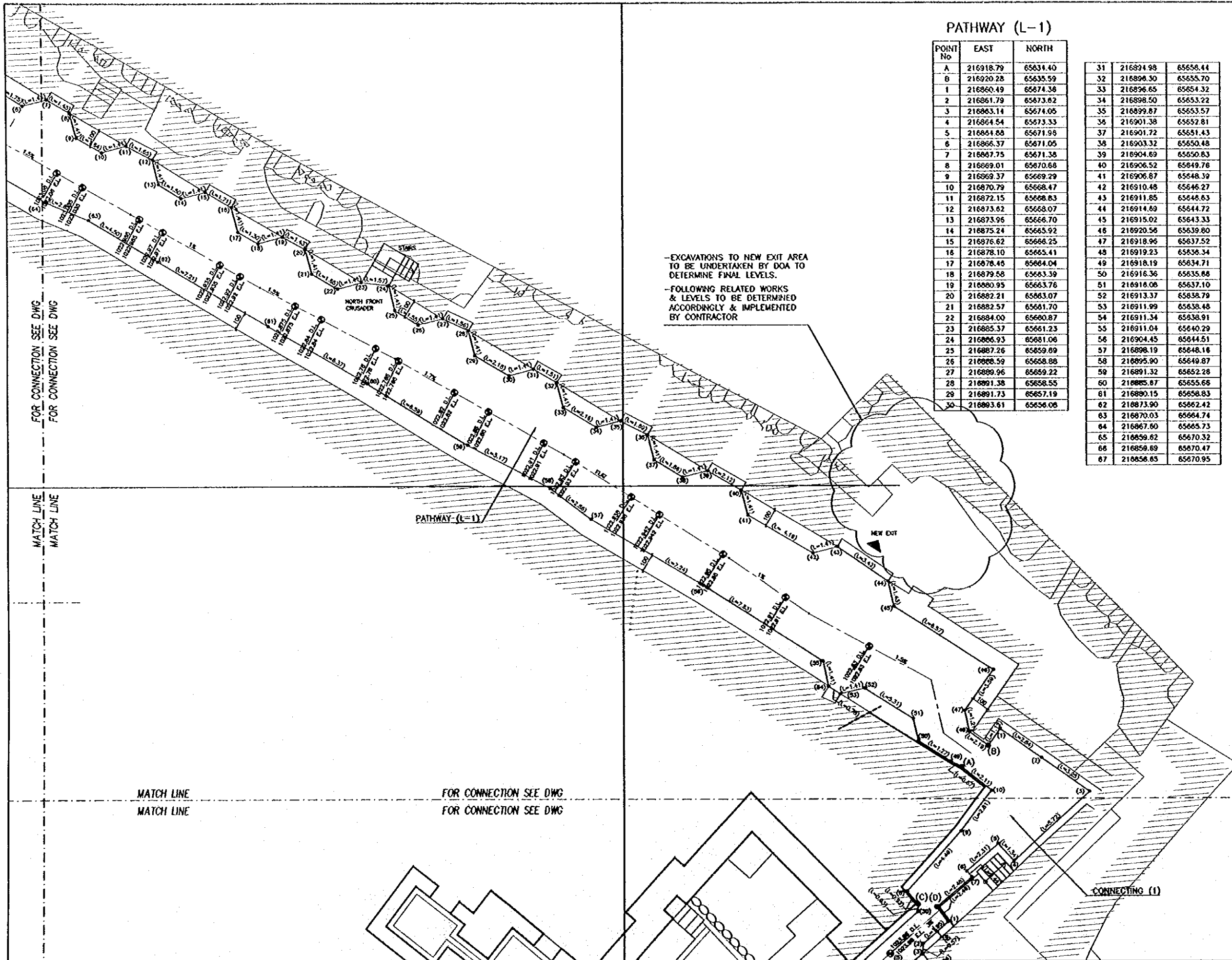


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Subcontracted Local Consultant:



GENERAL LAYOUT PATHWAY  
DESIGN (LOWER LEVEL) AREA  
& FINISHING SCHEDULE  
Drawing Title:

Scale: 1/500  
Drawing No.: KCP.A-019



**PATHWAY (L-1)**

POINT No	EAST	NORTH
A	216918.79	65634.40
B	216920.28	65635.59
1	216860.49	65674.36
2	216861.79	65673.62
3	216863.14	65674.05
4	216864.54	65673.33
5	216864.88	65671.98
6	216866.37	65671.05
7	216867.75	65671.38
8	216869.01	65670.68
9	216869.37	65669.29
10	216870.79	65668.47
11	216872.15	65668.83
12	216873.62	65668.07
13	216873.96	65666.70
14	216875.24	65665.92
15	216876.62	65666.25
16	216878.10	65665.41
17	216878.45	65664.04
18	216879.68	65663.39
19	216880.95	65663.76
20	216882.21	65663.07
21	216882.57	65661.70
22	216884.00	65660.87
23	216885.37	65661.23
24	216886.93	65661.06
25	216887.26	65659.89
26	216888.59	65658.88
27	216889.96	65659.22
28	216891.38	65658.55
29	216891.73	65657.19
30	216893.61	65656.06
31	216894.98	65656.44
32	216896.30	65655.70
33	216896.65	65654.32
34	216898.50	65653.22
35	216899.87	65653.57
36	216901.38	65652.81
37	216901.72	65651.43
38	216903.32	65650.48
39	216904.69	65650.63
40	216906.52	65649.78
41	216906.87	65648.39
42	216910.48	65646.27
43	216911.85	65646.63
44	216914.69	65644.72
45	216915.02	65643.33
46	216920.56	65639.80
47	216918.96	65637.52
48	216919.23	65636.34
49	216918.19	65634.71
50	216916.36	65635.66
51	216916.06	65637.10
52	216913.37	65638.79
53	216911.99	65638.48
54	216911.34	65638.91
55	216911.04	65640.29
56	216904.45	65644.51
57	216898.19	65648.16
58	216895.90	65649.87
59	216891.32	65652.28
60	216885.87	65655.66
61	216890.15	65658.83
62	216873.90	65662.42
63	216870.03	65664.74
64	216867.60	65665.73
65	216859.62	65670.32
66	216859.69	65670.47
67	216856.63	65670.93

-EXCAVATIONS TO NEW EXIT AREA TO BE UNDERTAKEN BY DOA TO DETERMINE FINAL LEVELS.  
 -FOLLOWING RELATED WORKS & LEVELS TO BE DETERMINED ACCORDINGLY & IMPLEMENTED BY CONTRACTOR

**Project:**  
 Tourism Sector Development Project  
 in the Hashemite Kingdom of Jordan

**Executing Agency**  
 The Ministry of Tourism and Antiquities  
 The Ministry of Planning

**SUB-PROJECT:**  
 Karak Tourism Development Project  
 Karak Castle Pathways

**Note:**  
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---

**KEY PLAN**

---

**Designed by:**  
 Japan International Cooperation Agency (JICA)  
 JICA Study Team:  
 Joint Venture of  
 Pacific Consultants International and  
 Yamasa Sekel Inc.

**Subcontracted Local Consultant:**  
 consolidated consultants  
 Tel: 002377 - Fax: 002378 - 00000 - 00000

---

**LOWER LEVEL PLAN PART-1**  
 Drawing Title:

Scale: 1/100 Drawing No.: KCP.A-020

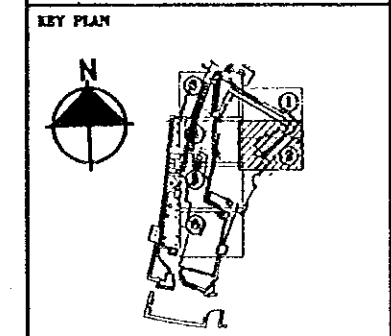


Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

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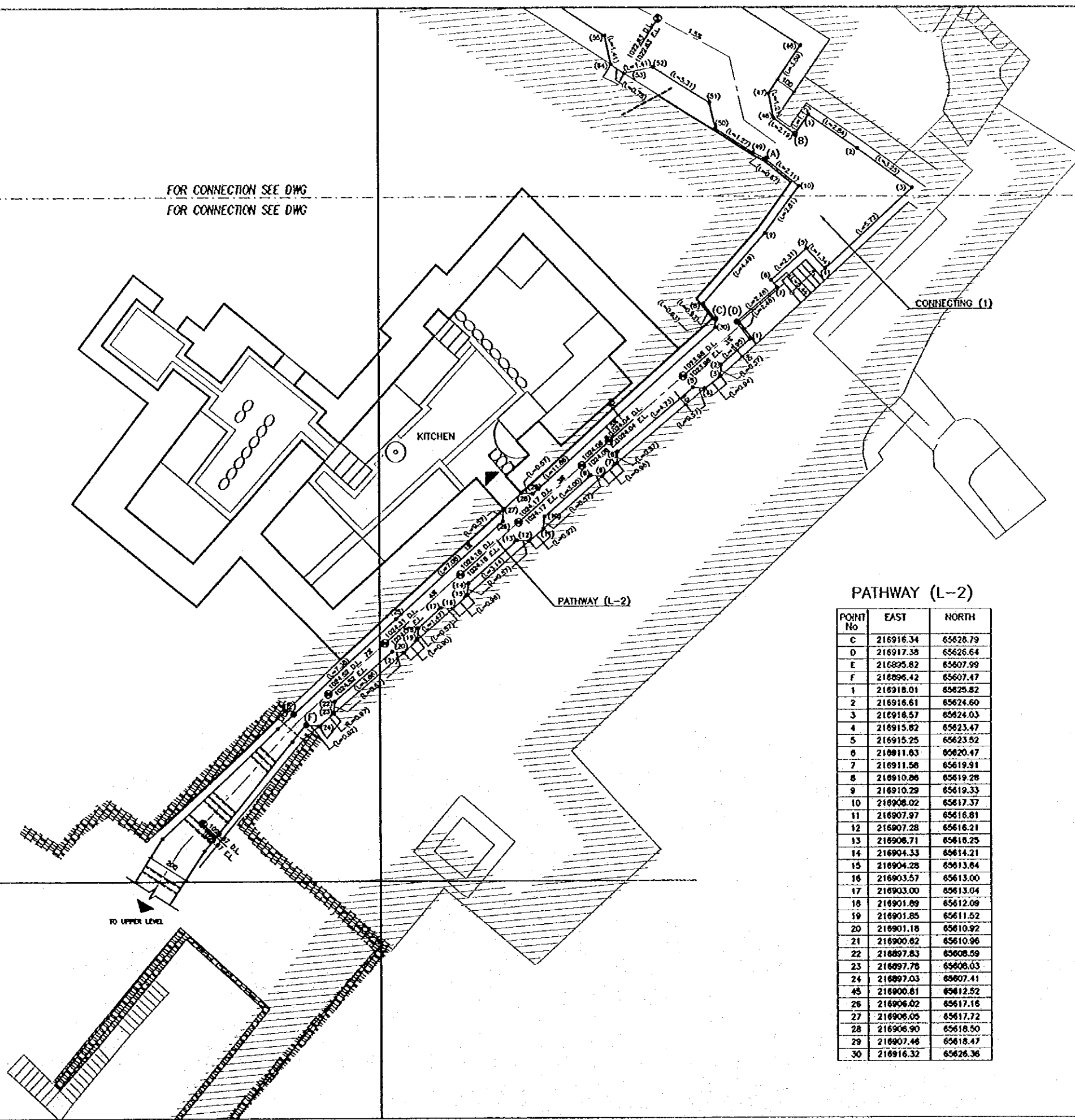
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JICA Study Team:  
Joint Venture of  
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Subcontracted Local Consultant:



**LOWER LEVEL PLAN  
PART-2**

Drawing Title:

Scale: 1/100 Drawing No.: KCP.A-021



CONNECTING (1)  
PETTOEN PATH (L-1,L-2)

POINT No	EAST	NORTH
A	216918.79	65634.40
B	216920.28	65635.59
C	216916.34	65628.79
D	216917.38	65628.64
1	216920.93	65636.50
2	216923.29	65634.92
3	216925.94	65633.02
4	216921.72	65629.16
5	216920.80	65630.14
6	216919.06	65628.63
7	216919.35	65628.29
8	216915.75	65627.51
9	216918.75	65630.85
10	216920.45	65633.09

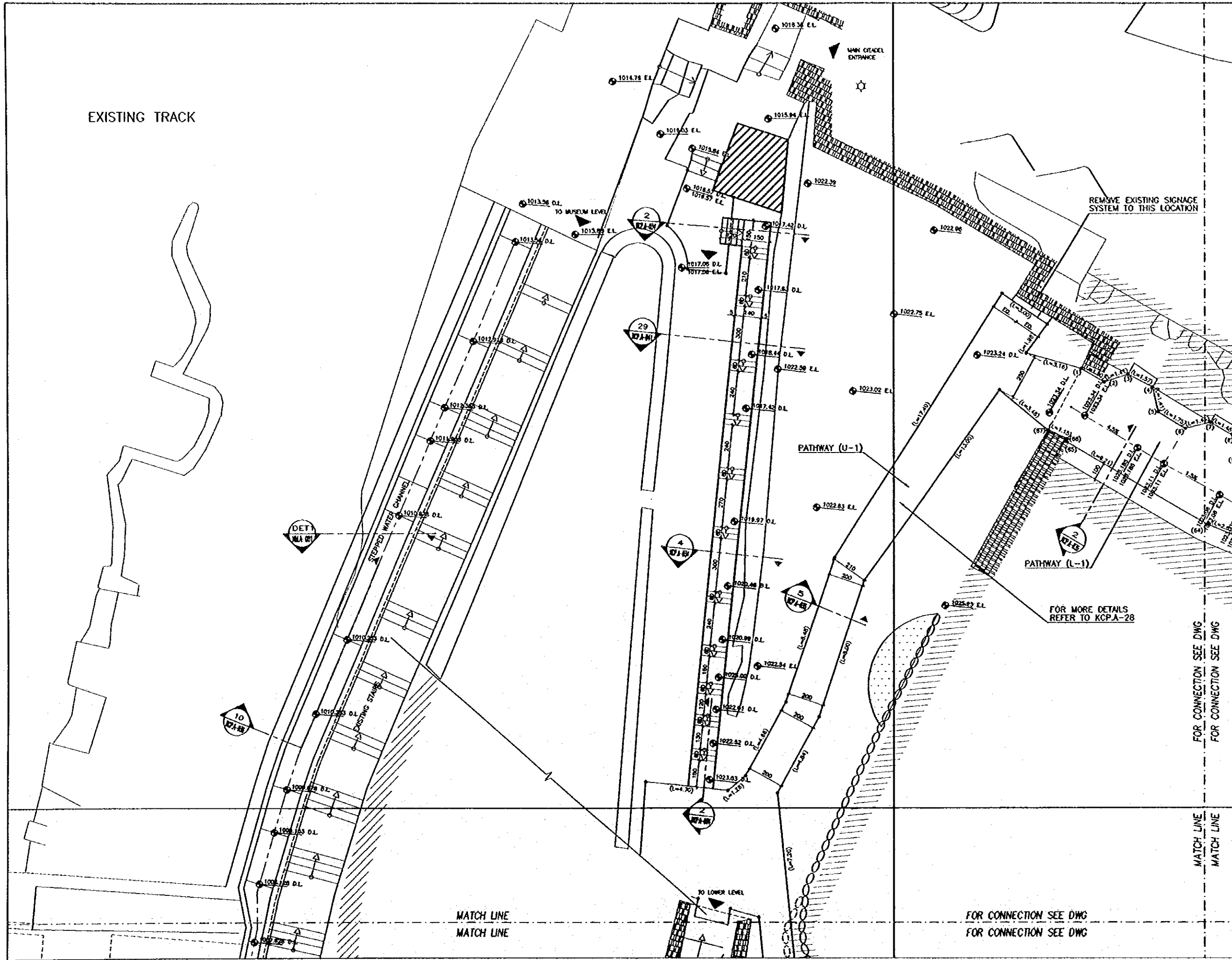
PATHWAY (L-2)

POINT No	EAST	NORTH
C	216916.34	65628.79
D	216917.38	65628.64
E	216895.82	65607.99
F	216896.42	65607.47
1	216918.01	65625.82
2	216916.61	65624.60
3	216916.57	65624.03
4	216915.82	65623.47
5	216915.25	65623.52
6	216911.63	65620.47
7	216911.58	65619.91
8	216910.86	65619.28
9	216910.29	65619.33
10	216908.02	65617.37
11	216907.97	65616.81
12	216907.28	65616.21
13	216906.71	65616.25
14	216904.33	65614.21
15	216904.28	65613.84
16	216903.57	65613.00
17	216903.00	65613.04
18	216901.89	65612.09
19	216901.85	65611.52
20	216901.18	65610.92
21	216900.82	65610.96
22	216897.83	65608.59
23	216897.78	65608.03
24	216897.03	65607.41
45	216900.61	65612.52
26	216906.02	65617.16
27	216906.05	65617.72
28	216906.90	65618.50
29	216907.46	65618.47
30	216916.32	65626.36

FOR CONNECTION SEE DWG

MATCH LINE  
MATCH LINE

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG



EXISTING TRACK

**Project:**  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

**Executing Agency**  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

**SUB-PROJECT:**  
Karak Tourism Development Project  
Karak Castle Pathways

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**KEY PLAN**

**Designed by:**  
Japan International Cooperation Agency (JICA)

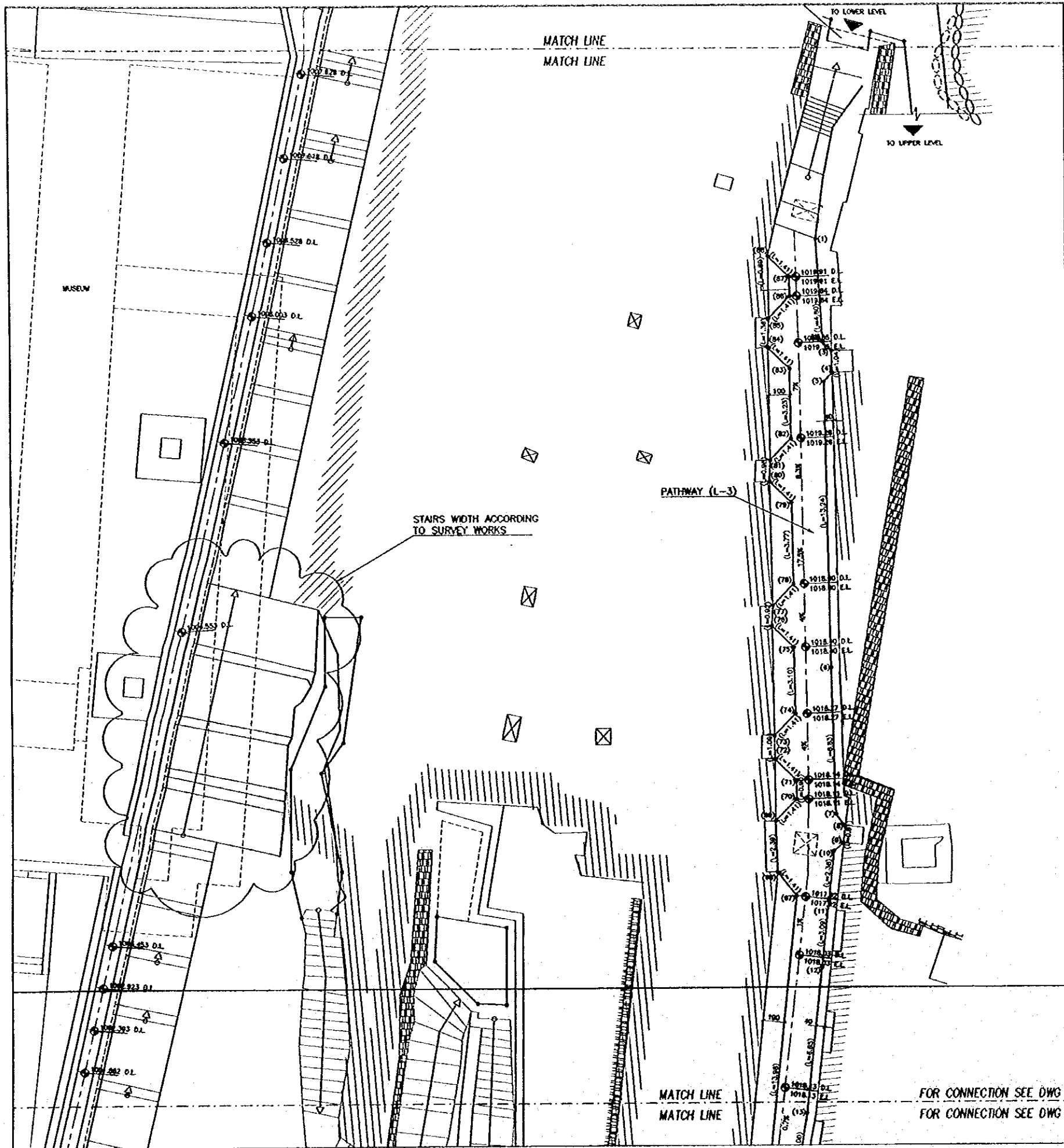
**JICA Study Team:**  
Joint Venture of  
Pacific Consultants International and  
Yamamoto Sekkei Inc.

**Subcontracted Local Consultant:**  
**consolidated consultants**  
Engineering & Environment  
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**LOWER LEVEL PLAN  
PART-3**

Drawing Title:

Scale: 1/100      Drawing No.: KCP.A-022



FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

**PATHWAY (L-3)**

POINT No	EAST	NORTH			
G	216850.50	65543.45	69	216836.21	65607.75
H	216849.92	65541.92	70	216837.20	65608.75
1	216838.22	65634.76	71	216837.20	65609.65
2	216838.54	65629.97	72	216836.19	65610.64
3	216838.94	65629.57	73	216838.18	65611.73
4	216838.98	65628.53	74	216837.18	65612.75
5	216838.59	65628.12	75	216837.11	65615.85
6	216838.87	65614.88	76	216838.09	65616.82
7	216839.07	65608.06	77	216838.12	65617.75
8	216839.49	65607.50	78	216837.10	65618.78
9	216839.40	65606.69	79	216837.03	65622.53
10	216838.96	65606.54	80	216838.01	65623.51
11	216838.69	65604.00	81	216838.04	65624.49
12	216838.36	65600.93	82	216837.02	65625.51
13	216837.61	65594.12	83	216836.97	65628.73
14	216837.09	65591.18	84	216835.95	65629.72
15	216835.15	65583.83	85	216836.00	65631.07
16	216834.0	65579.71	86	216836.98	65632.09
17	216832.73	65574.22	87	216836.97	65632.98
18	216830.51	65564.57	88	216835.96	65633.96
19	216830.81	65564.09			
20	216830.42	65562.46			
21	216829.94	65562.18			
22	216828.92	65557.89			
23	216828.68	65556.51			
24	216828.22	65555.36			
25	216828.48	65554.65			
26	216833.73	65552.25			
27	216838.42	65549.59			
28	216841.17	65548.20			
29	216843.16	65547.36			
30	216846.94	65545.38			
31	216846.89	65542.67			
32	216847.24	65544.10			
33	216844.06	65545.74			
34	216839.12	65548.15			
35	216836.73	65549.28			
36	216832.85	65551.24			
37	216832.71	65551.19			
38	216831.20	65551.90			
39	216831.15	65552.04			
40	216828.96	65553.07			
41	216828.02	65553.36			
42	216827.99	65553.75			
43	216826.41	65553.95			
44	216828.36	65562.08			
45	216829.01	65564.68			
46	216829.42	65566.44			
47	216828.67	65567.64			
48	216828.91	65568.50			
49	216830.1	65569.23			
50	216830.52	65570.87			
51	216829.79	65572.08			
52	216829.99	65573.18			
53	216831.25	65573.82			
54	216831.54	65574.88			
55	216831.62	65575.30			
56	216830.74	65576.41			
57	216830.84	65577.18			
58	216832.06	65577.88			
59	216832.62	65579.98			
60	216832.70	65580.55			
61	216832.95	65581.15			
62	216832.40	65582.46			
63	216832.72	65583.10			
64	216833.96	65583.79			
65	216834.95	65587.30			
66	216835.89	65590.36			
67	216837.17	65604.28			
68	216836.29	65605.36			
69	216836.21	65607.75			
70	216837.20	65608.75			

MATCH LINE  
MATCH LINE

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency:  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

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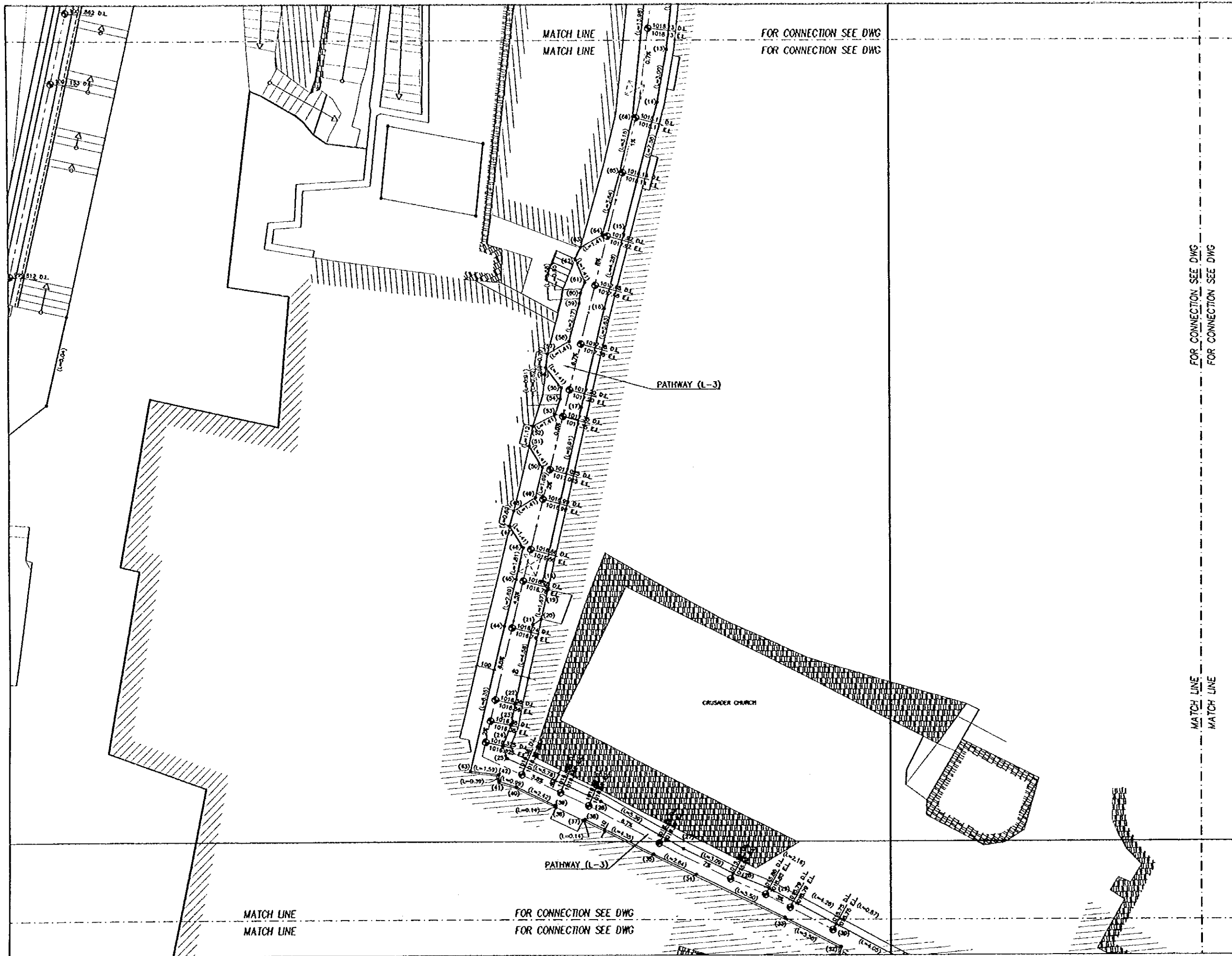
KEY PLAN

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Agency (JICA)  
JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamasita Sekkei Inc.  
Subcontracted Local Consultant:  
**consolidated consultants**  
engineering & environment  
Tel. 0112277 - Fax. 0112288 - AMMAN - JORDAN

**LOWER LEVEL PLAN  
PART-4**

Drawing Title:

Scale: 1/100      Drawing No.: **KCP.A-023**



Project: Tourism Sector Development Project in the Hashemite Kingdom of Jordan	
Executing Agency The Ministry of Tourism and Antiquities The Ministry of Planning	
SUB-PROJECT: Karak Tourism Development Project Karak Castle Pathways	
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FOR CONNECTION SEE DWG FOR CONNECTION SEE DWG	
MATCH LINE MATCH LINE	
FOR CONNECTION SEE DWG FOR CONNECTION SEE DWG	
MATCH LINE MATCH LINE	
KEY PLAN 	
Designed by: Japan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yamasita Sekkei Inc. Subcontracted Local Consultant: 	
<b>LOWER LEVEL PLAN          PART-5</b>	
Drawing Title:	
Scale: 1/100	Drawing No.: <b>KCP.A-024</b>

MATCH LINE  
MATCH LINE

FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

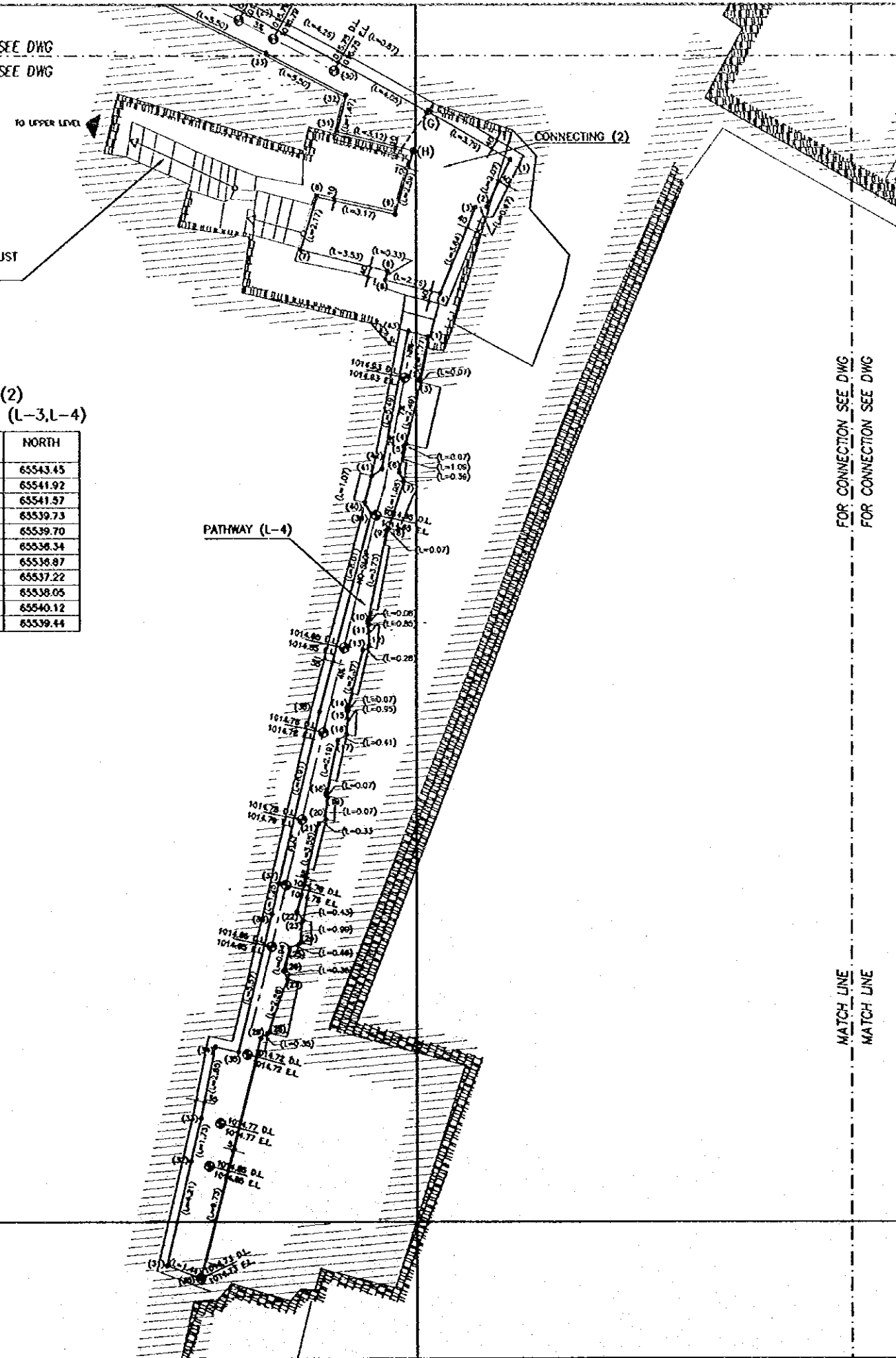
MAINTAIN STAIRS BY THE SPECIALIST  
OF THE CONTRACTOR

PATHWAY (L-4)

POINT No	EAST	NORTH
1	216850.49	65534.66
2	216850.16	65532.93
3	216850.20	65532.87
4	216849.61	65530.45
5	216849.55	65530.41
6	216849.34	65529.34
7	216849.51	65528.99
8	216848.90	65527.14
9	216848.84	65527.10
10	216848.06	65523.45
11	216848.10	65523.39
12	216848.10	65522.54
13	216847.87	65522.39
14	216847.28	65520.10
15	216847.29	65520.04
16	216847.23	65519.09
17	216846.88	65518.87
18	216846.41	65518.74
19	216846.44	65516.68
20	216846.40	65515.77
21	216846.12	65515.60
22	216845.24	65512.16
23	216845.49	65511.81
24	216845.36	65510.92
25	216844.93	65510.74
26	216844.69	65509.84
27	216844.86	65509.52
28	216844.06	65507.41
29	216843.77	65507.21
30	216841.35	65497.79
31	216840.00	65498.28
32	216840.96	65502.38
33	216841.37	65504.06
34	216841.95	65506.86
35	216842.86	65506.65
36	216844.23	65512.06
37	216844.52	65513.27
38	216846.18	65519.98
39	216848.20	65527.74
40	216847.95	65528.17
41	216848.23	65529.20
42	216848.64	65529.48
43	216849.70	65534.86

CONNECTING (2)  
PETTOEN PATH (L-3,L-4)

POINT No	EAST	NORTH
G	216850.50	65543.45
H	216849.92	65541.92
1	216853.79	65541.57
2	216852.84	65539.73
3	216852.37	65539.70
4	216850.98	65538.34
5	216848.78	65538.87
6	216848.86	65537.22
7	216845.43	65538.05
8	216846.08	65540.12
9	216849.18	65539.44

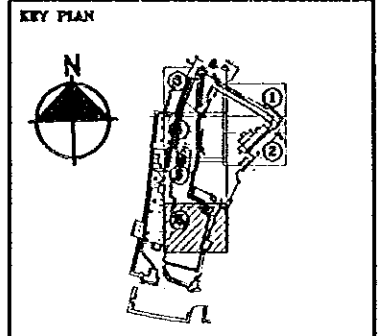


Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

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Japan International Cooperation  
Agency (JICA)  
JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamamoto Sekkei Inc.

Subcontracted Local Consultant:

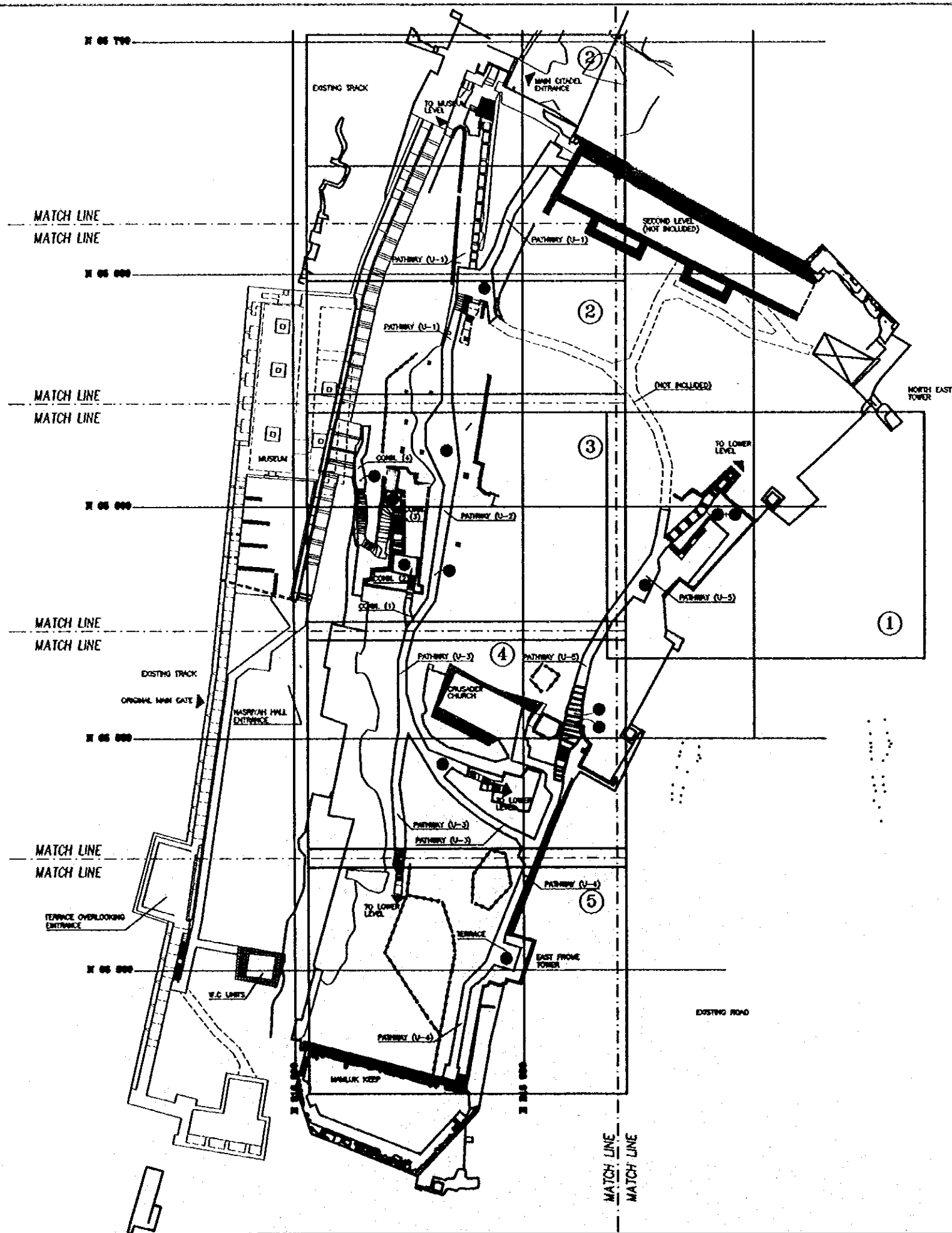
**consolidated consultants**  
engineering & environment  
Tel: 0093277 - Fax: 0093280 - 00931 - 00930

**LOWER LEVEL PLAN  
PART-6**

Drawing Title:

Scale: 1/100 Drawing No.: **KCP.A-025**

67.



AREA FINISHES & SCHEDULE / MUSEM LEVEL

No.	ITEM	AREA (m <sup>2</sup> )
●	OUTDOOR PATHWAY (YELLOW WADI GRAVEL W/STABILIZER)	1011.50
②	INDOOR & CONNECTING PATHWAY (YELLOW WADI GRAVEL)	-
●	EDGING, STAIRS, SKYLIGHT & RETAINING WALLS (YELLOW STONE)	32.50
④	RETAINING WALLS (BLACK STONE)	-

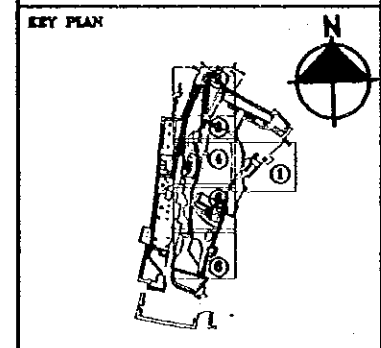
Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

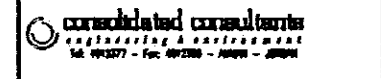
SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

Note:  
This detailed design has been executed by a team of consultants as shown below in accordance with the agreement between Japan International Cooperation Agency (JICA) and JICA Study Team.  
The copyright of this drawing rests with JICA.

NOTE:  
- PREPARATION OF PATHWAY LEVEL UNDER STRICT SUPERVISION OF DOA & WHEN EVER NECESSARY.

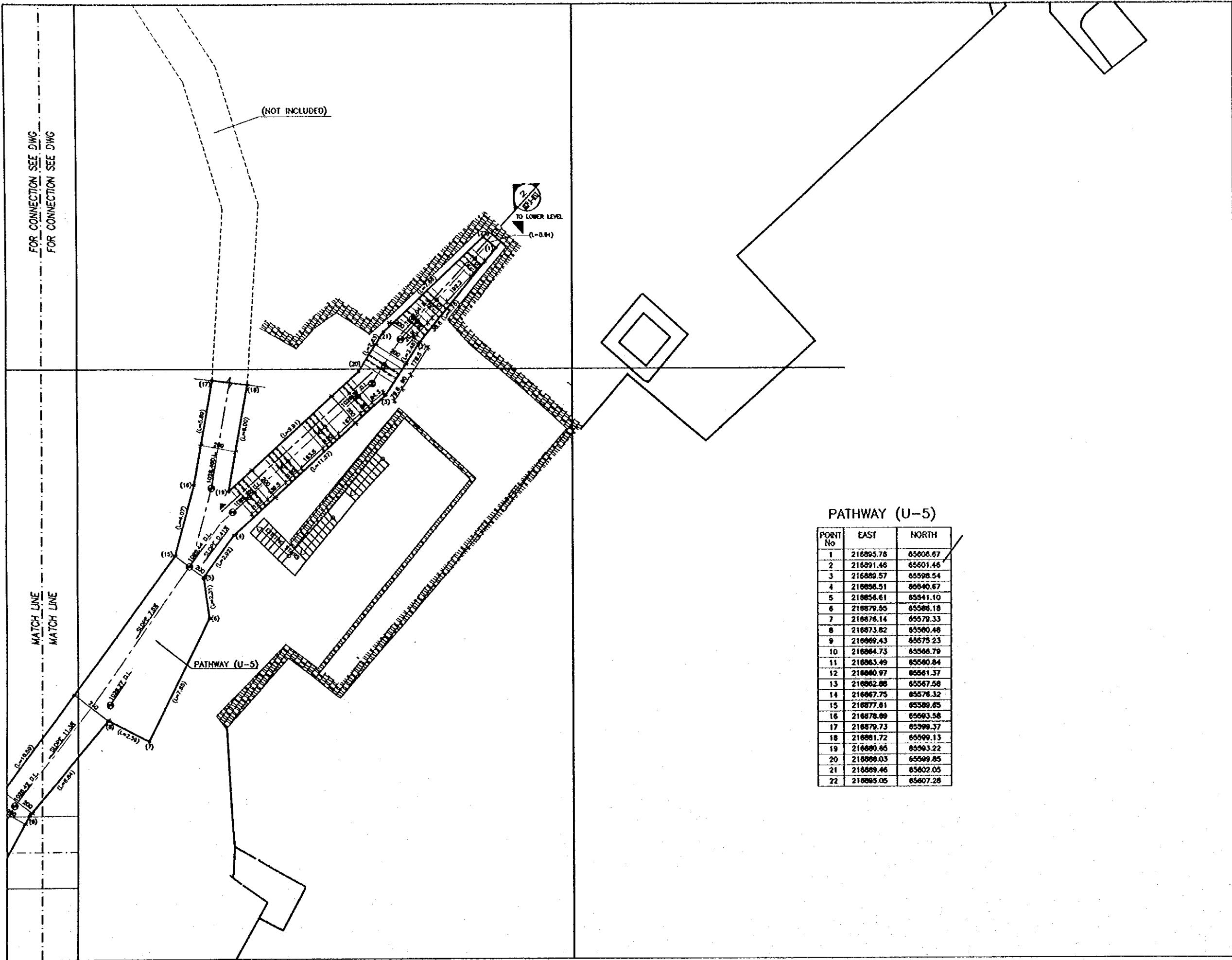


Designed by:  
Japan International Cooperation Agency (JICA)  
JICA Study Team:  
Joint Venture of Pacific Consultants International and Yamazaki Sekkei Inc.  
Subcontracted Local Consultant:



GENERAL LAYOUT PATHWAY DESIGN (UPPER LEVEL) AREA & FINISHING SCHEDULE  
Drawing Title:

Scale: 1/300  
Drawing No.: KCPA-026



FOR CONNECTION SEE DWG  
FOR CONNECTION SEE DWG

(NOT INCLUDED)

TO LOWER LEVEL  
(1-0.84)

MATCH LINE  
MATCH LINE

PATHWAY (U-5)

PATHWAY (U-5)

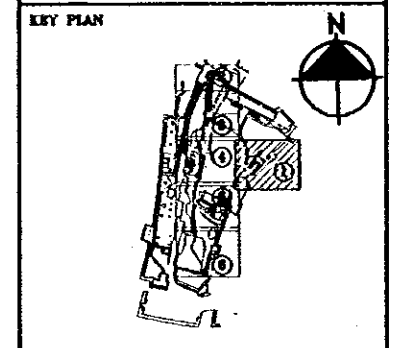
POINT No	EAST	NORTH
1	216895.78	65606.67
2	216891.46	65601.46
3	216889.57	65598.54
4	216898.51	65640.67
5	216856.61	65541.10
6	216879.55	65588.18
7	216876.14	65579.33
8	216873.82	65560.48
9	216869.43	65575.23
10	216864.73	65568.79
11	216863.49	65560.84
12	216860.97	65561.37
13	216862.88	65567.58
14	216867.75	65576.32
15	216877.81	65589.65
16	216878.09	65603.58
17	216879.73	65599.37
18	216881.72	65599.13
19	216880.65	65603.22
20	216888.03	65599.85
21	216889.46	65602.05
22	216895.05	65607.28

Project:  
Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

Executing Agency  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

SUB-PROJECT:  
Karak Tourism Development Project  
Karak Castle Pathways

Note:  
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Designed by:  
Japan International Cooperation  
Agency (JICA)

JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamamoto Sekkel Inc.

Subcontracted Local Consultant:



UPPER LEVEL PLAN  
PART-1

Drawing Title:

Scale: 1/100 Drawing No: KCP-A-027