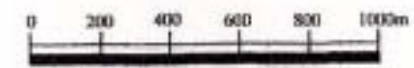


- LEGEND**
- ▬: PROPOSED STORAGE DAM
  - ▽: PROPOSED DIVERSION WEIR
  - : PROPOSED MAIN CANAL
  - - -: PROPOSED BRANCH CANAL
  - : IMPROVEMENT OF CANAL (SEQUIA)
  - ▲: PROPOSED OFFTAKE
  - : PROPOSED SIPHON
  - - -: EXISTING CANAL (SEQUIA)
  - ▽: EXISTING DIVERSION WEIR
  - - -: SCHEME BOUNDARY



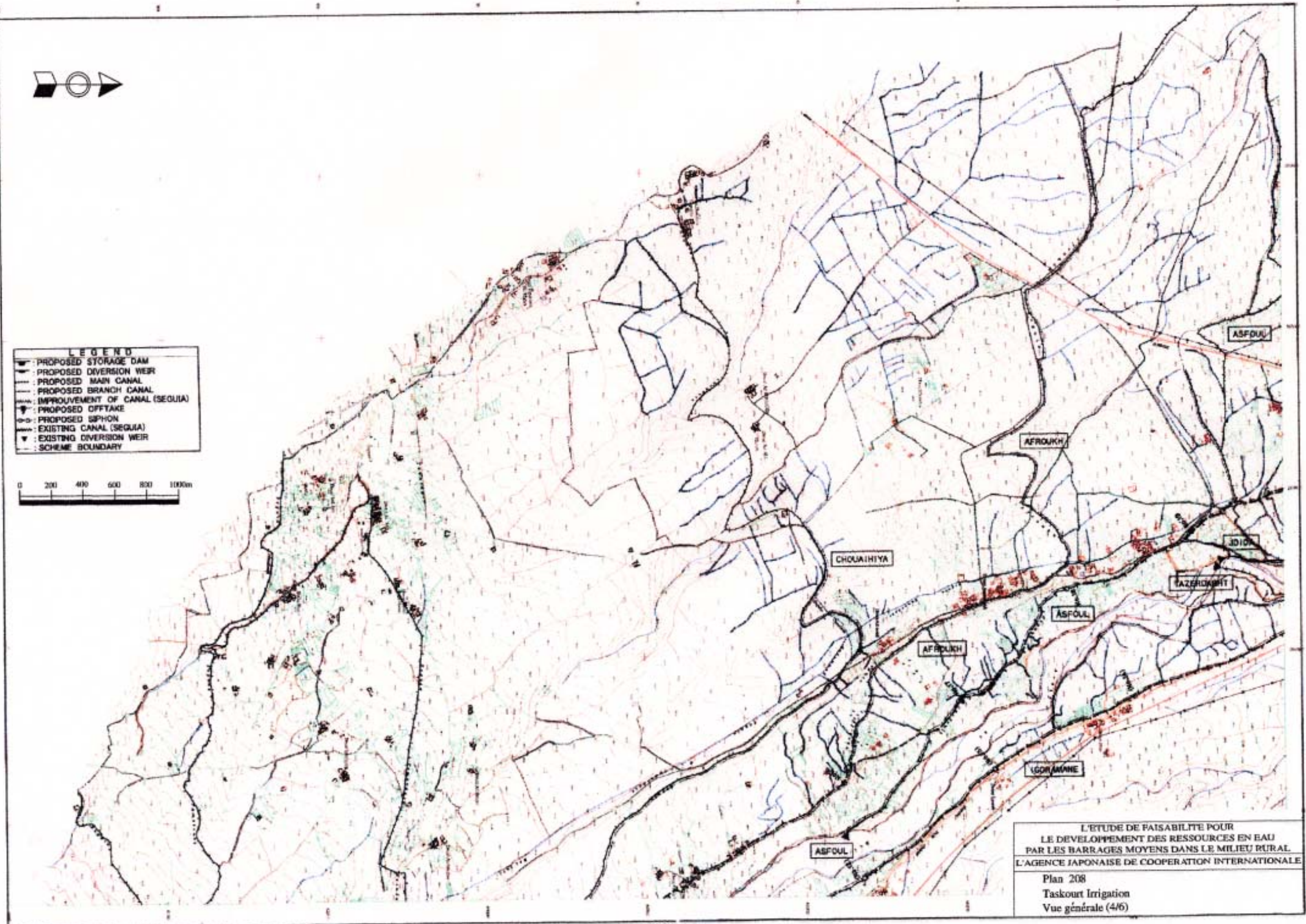
L'ETUDE DE FAISABILITE POUR  
 LE DEVELOPPEMENT DES RESSOURCES EN EAU  
 PAR LES BARRAGES MOYENS DANS LE MILIEU RURAL  
 L'AGENCE JAPONNAISE DE COOPERATION INTERNATIONALE

Plan 207  
 Taskourt Irrigation  
 Vue générale (3/6)



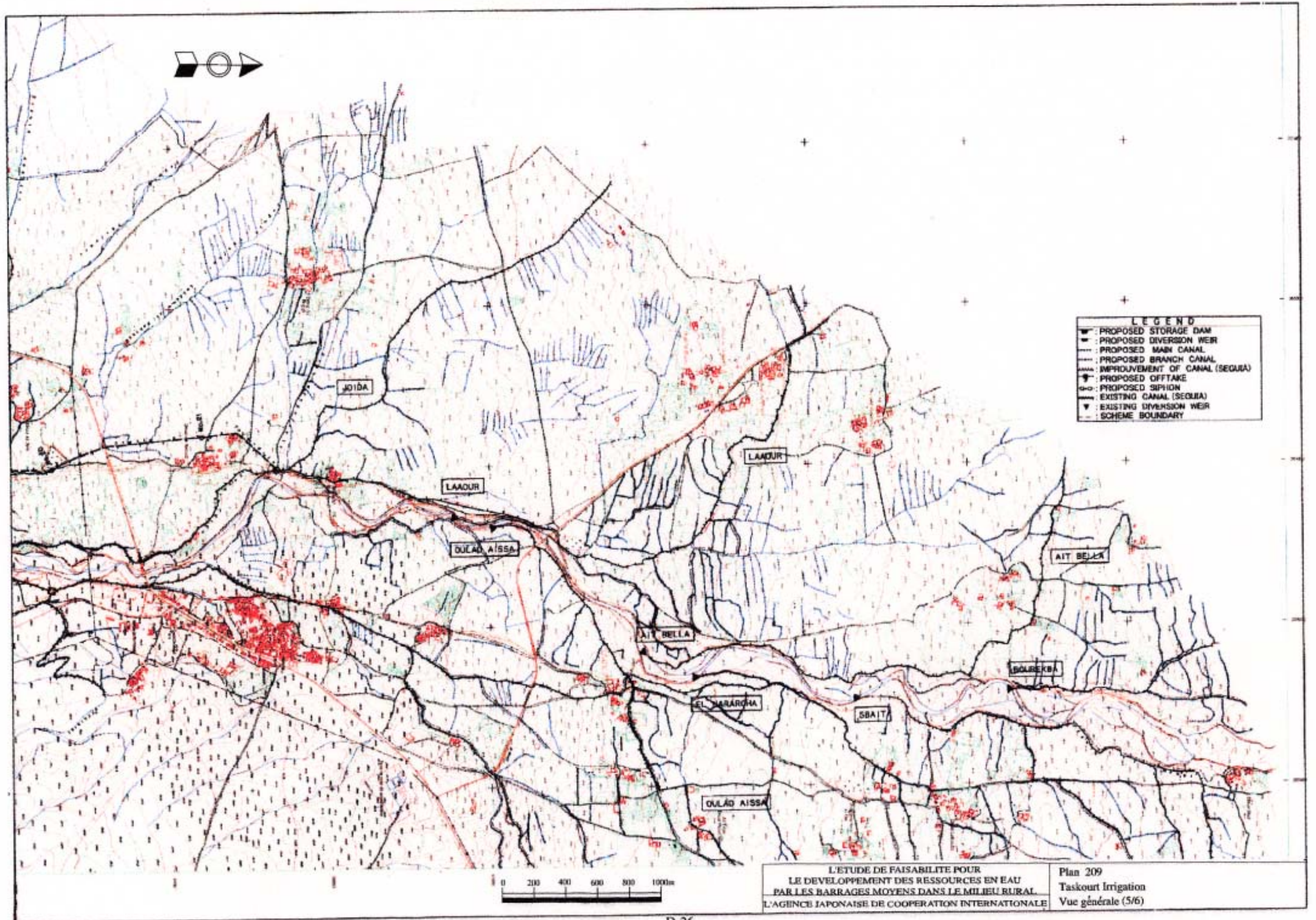


- LEGEND
- PROPOSED STORAGE DAM
  - PROPOSED DIVERSION WEIR
  - PROPOSED MAIN CANAL
  - PROPOSED BRANCH CANAL
  - IMPROVEMENT OF CANAL (SEQUIA)
  - PROPOSED OFFTAKE
  - PROPOSED SIPHON
  - EXISTING CANAL (SEQUIA)
  - EXISTING DIVERSION WEIR
  - SCHEME BOUNDARY



L'ETUDE DE FAISABILITE POUR  
LE DEVELOPPEMENT DES RESSOURCES EN EAU  
PAR LES BARRAGES MOYENS DANS LE MILIEU RURAL  
L'AGENCE JAPONAISE DE COOPERATION INTERNATIONALE  
Plan 208  
Taskourt Irrigation  
Vue générale (4/6)



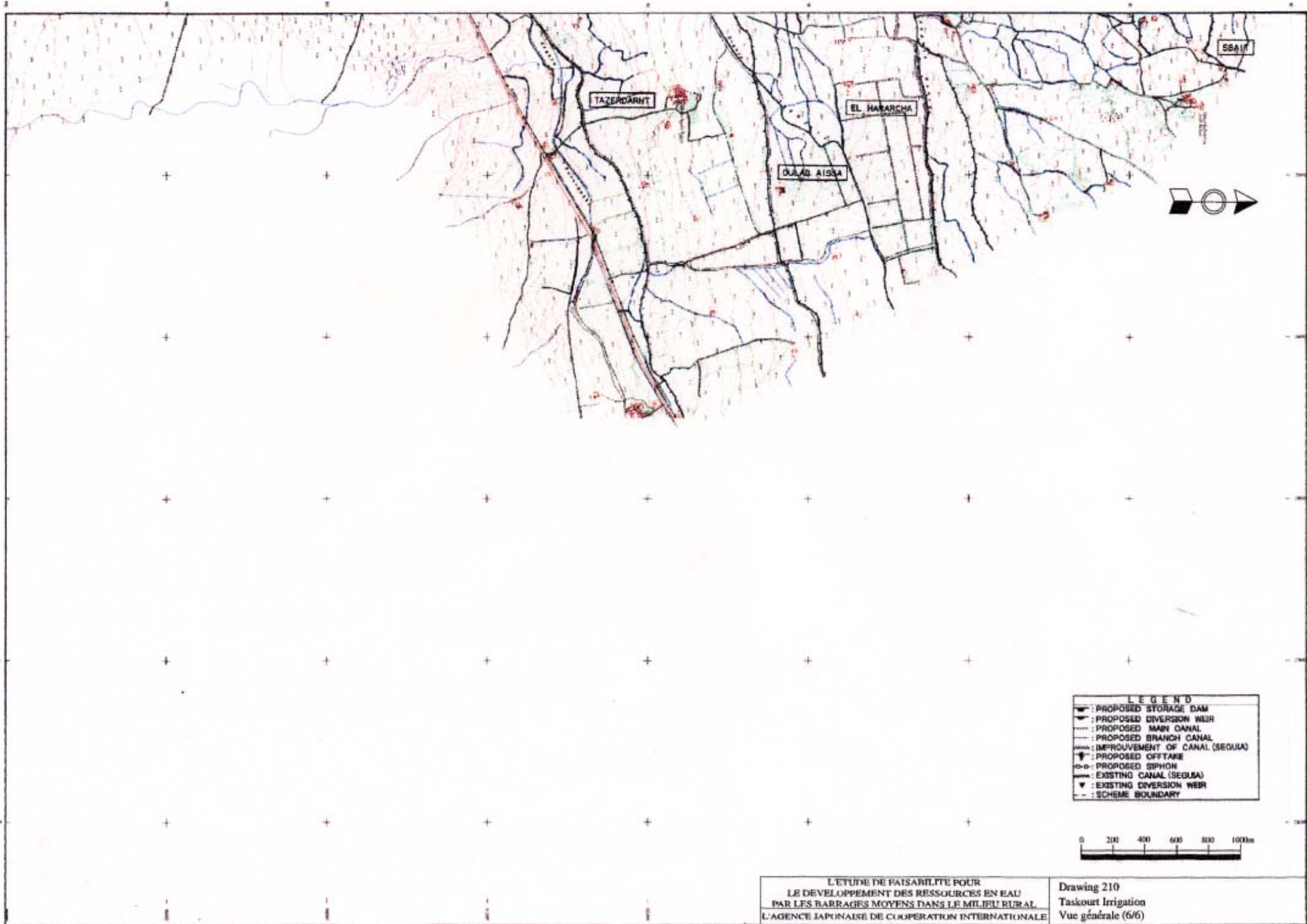


- LEGEND**
- ▬ PROPOSED STORAGE DAM
  - ▬ PROPOSED DIVERSION WEIR
  - ▬ PROPOSED MAIN CANAL
  - ▬ PROPOSED BRANCH CANAL
  - ▬ IMPROVEMENT OF CANAL (SEQUIA)
  - ▬ PROPOSED OFFTAKE
  - ▬ PROPOSED SIPHON
  - ▬ EXISTING CANAL (SEQUIA)
  - ▬ EXISTING DIVERSION WEIR
  - ▬ SCHEME BOUNDARY

L'ETUDE DE FAISABILITE POUR  
 LE DEVELOPEMENT DES RESSOURCES EN EAU  
 PAR LES BARRAGES MOYENS DANS LE MILIEU RURAL  
 L'AGENCE JAPONAISE DE COOPERATION INTERNATIONALE

Plan 209  
 Taskourt Irrigation  
 Vue générale (5/6)

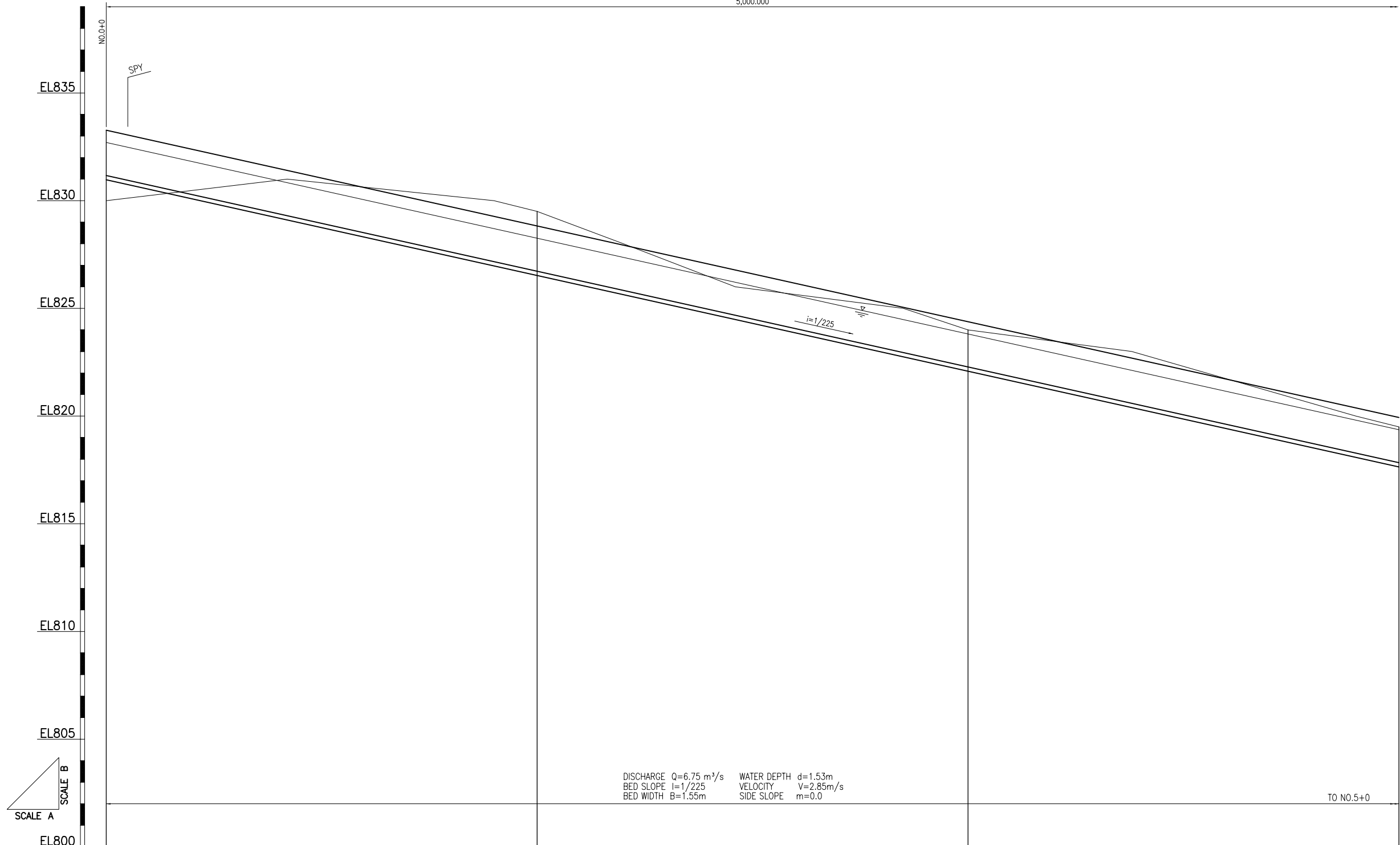




L'ETUDE DE FAISABILITE POUR  
 LE DEVELOPPEMENT DES RESSOURCES EN EAU  
 PAR LES BARRAGES MOYENS DANS LE MILIEU RURAL.  
 L'AGENCE JAPONAISE DE COOPERATION INTERNATIONALE

Drawing 210  
 Taskourt Irrigation  
 Vue générale (6/6)

5,000.000



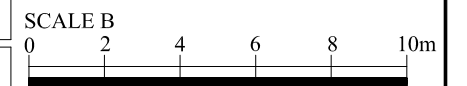
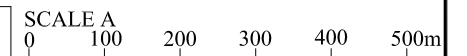
DISCHARGE Q=6,75 m<sup>3</sup>/s    WATER DEPTH d=1,53m  
 BED SLOPE I=1/225    VELOCITY V=2,85m/s  
 BED WIDTH B=1,55m    SIDE SLOPE m=0,0

TO NO.5+0

|                                  |        |        |        |        |
|----------------------------------|--------|--------|--------|--------|
| PROPOSED CANAL BED ELEVATION     | 831,17 | 826,73 | 822,28 | 817,84 |
| PROPOSED WATER SURFACE ELEVATION | 832,70 | 828,26 | 823,81 | 819,37 |
| GROUND SURFACE ELEVATION         | 830,0  | 829,5  | 824,0  | 819,5  |
| REDUED DISTANCE                  | 0      | 1000   | 2000   | 3000   |
| DISTANCE                         | 0      | 1000   | 1000   | 1000   |
| STATION                          | NO.0   | NO.1   | NO.2   | NO.3   |

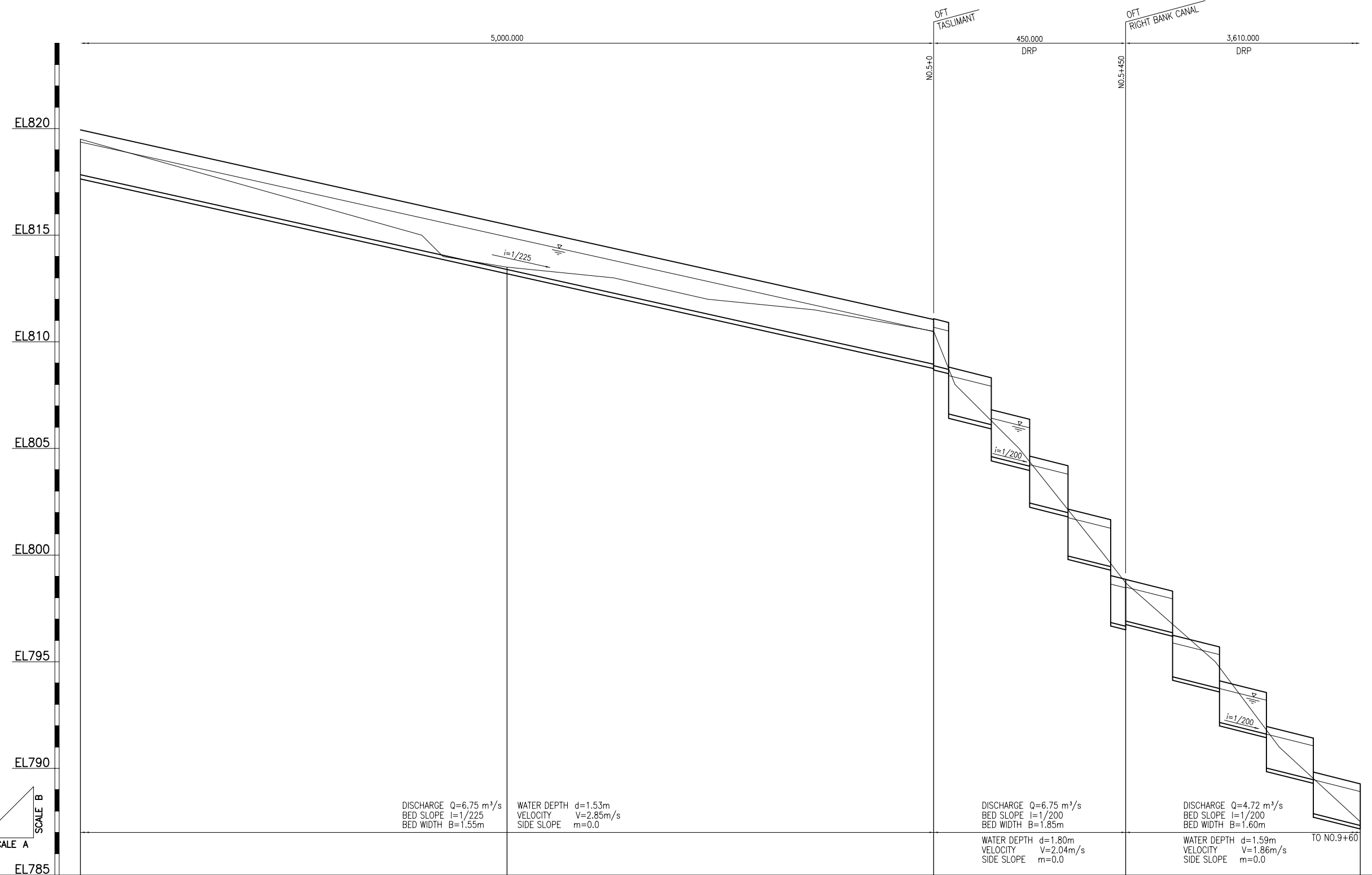
**LEGEND**

- OFT : OFFTAKE OR TURNOUT
- DRP : DORP
- CHK : CHEK
- SPY : SPILLWAY
- AQT : AQUEDUCT
- BOC : BOX CULVERTE
- SY- : SYPHON



L'ETUDE DE FAISABILITE POUR  
 LE DEVELOPPEMENT DES RESSOURCES EN EAU  
 PAR LES BARRAGES MOYENS DANS LE MILIEU RURAL  
 L'AGENCE JAPONAISE DE COOPERATION INTERNATIONALE

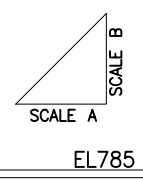
Plan 211  
 Taskourt Irrigation  
 Coupe longitudinale du Canal principal (1/8)



DISCHARGE  $Q=6.75 \text{ m}^3/\text{s}$   
 BED SLOPE  $i=1/225$   
 BED WIDTH  $B=1.55\text{m}$   
 WATER DEPTH  $d=1.53\text{m}$   
 VELOCITY  $V=2.85\text{m/s}$   
 SIDE SLOPE  $m=0.0$

DISCHARGE  $Q=6.75 \text{ m}^3/\text{s}$   
 BED SLOPE  $i=1/200$   
 BED WIDTH  $B=1.85\text{m}$   
 WATER DEPTH  $d=1.80\text{m}$   
 VELOCITY  $V=2.04\text{m/s}$   
 SIDE SLOPE  $m=0.0$

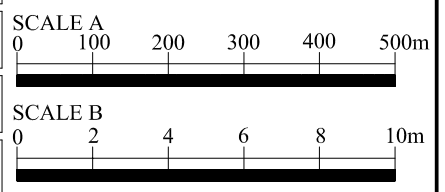
DISCHARGE  $Q=4.72 \text{ m}^3/\text{s}$   
 BED SLOPE  $i=1/200$   
 BED WIDTH  $B=1.60\text{m}$   
 WATER DEPTH  $d=1.59\text{m}$   
 VELOCITY  $V=1.86\text{m/s}$   
 SIDE SLOPE  $m=0.0$

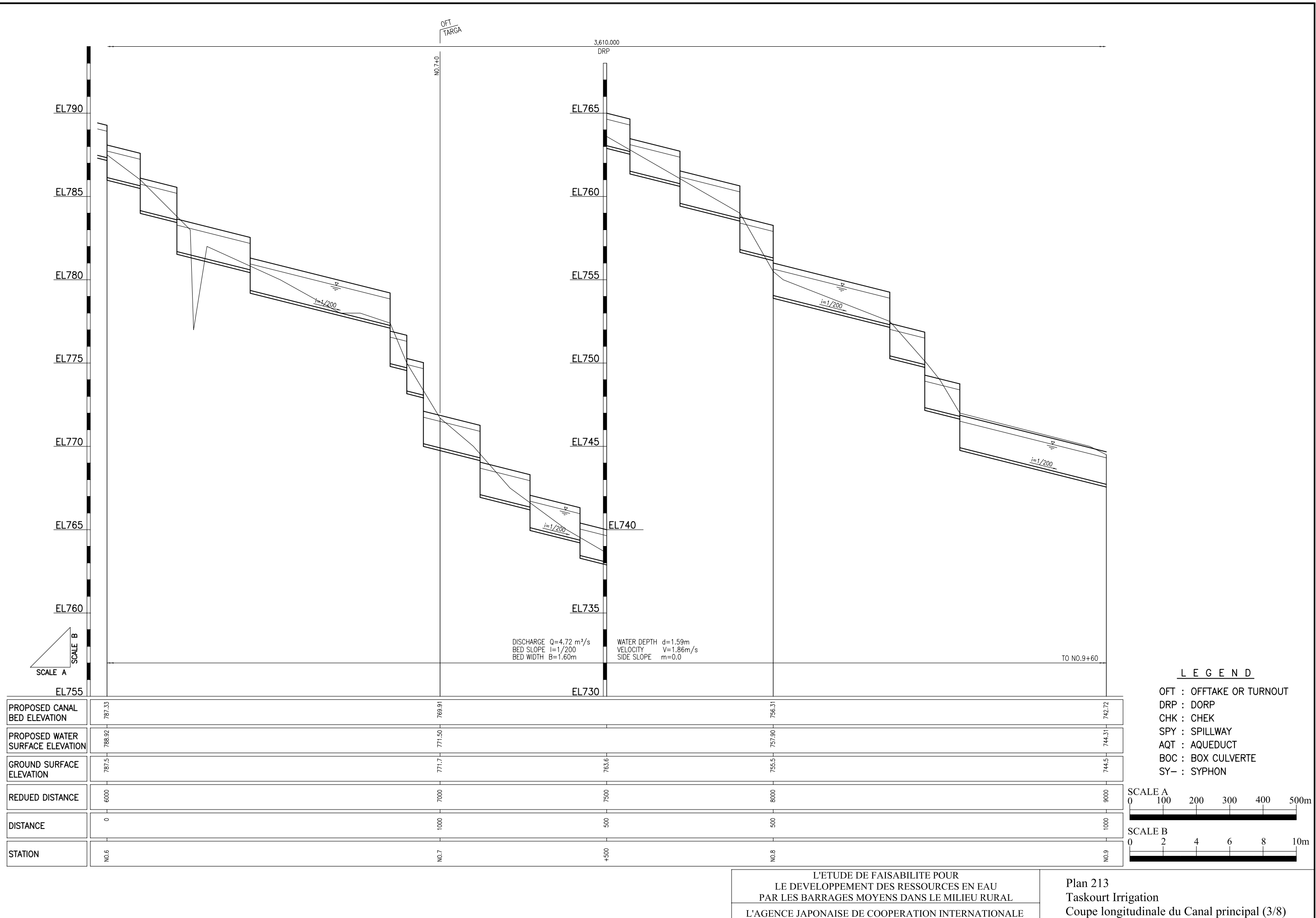


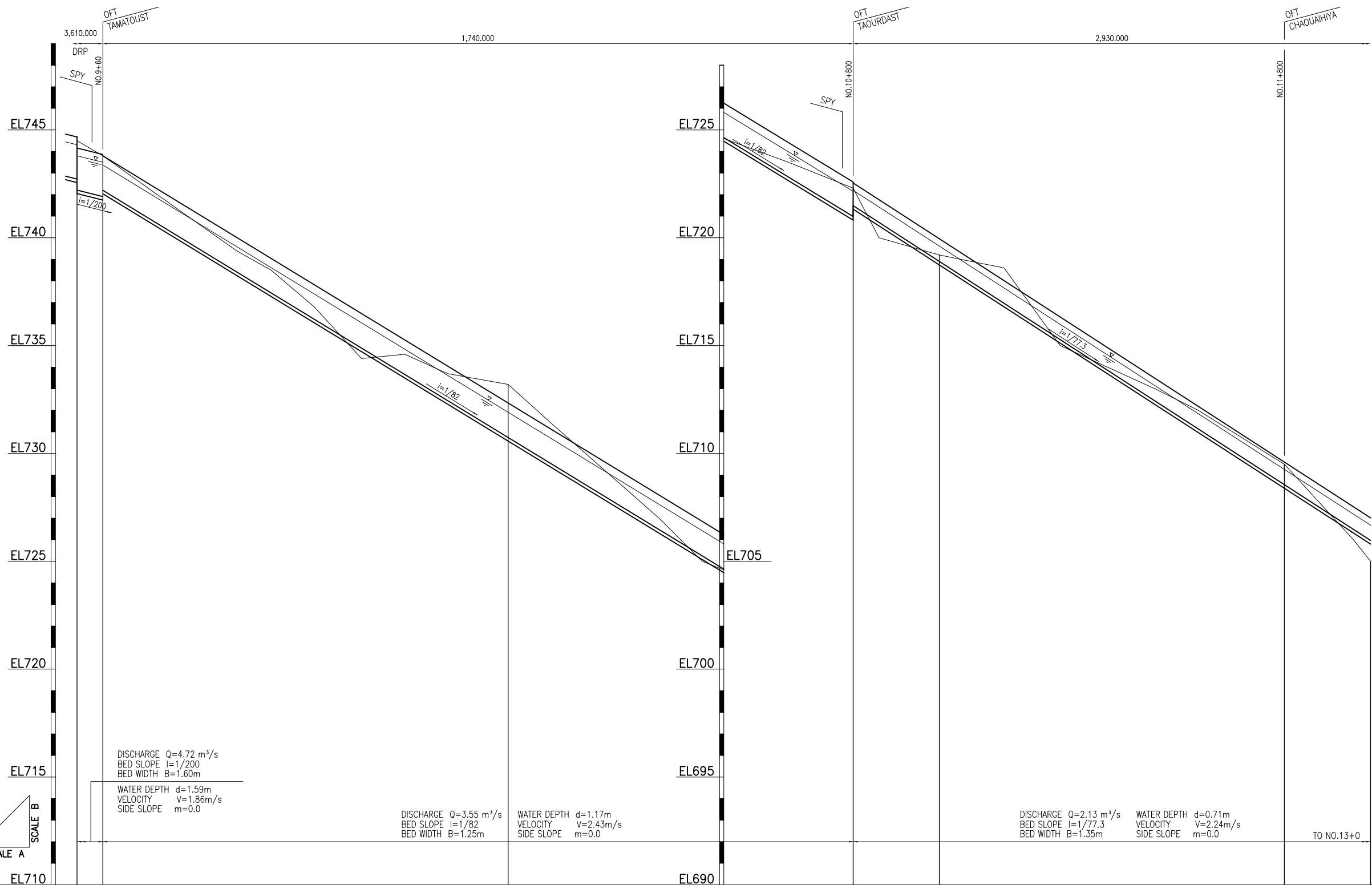
**LEGEND**

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- CHK : CHEK
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|                                  |        |        |         |        |        |
|----------------------------------|--------|--------|---------|--------|--------|
| PROPOSED CANAL BED ELEVATION     | 817.84 | 813.39 | 808.68  | 796.91 | 787.33 |
| PROPOSED WATER SURFACE ELEVATION | 819.37 | 814.92 | 810.682 | 798.50 | 788.92 |
| GROUND SURFACE ELEVATION         | 819.5  | 813.5  | 810.5   | 798.7  | 787.5  |
| REDUED DISTANCE                  | 3000   | 4000   | 5000    | 5450   | 6000   |
| DISTANCE                         | 0      | 1000   | 1000    | 450    | 550    |
| STATION                          | NO.3   | NO.4   | NO.5    | +450   | NO.6   |



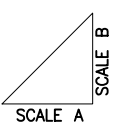




DISCHARGE  $Q=4.72 \text{ m}^3/\text{s}$   
 BED SLOPE  $i=1/200$   
 BED WIDTH  $B=1.60\text{m}$   
 WATER DEPTH  $d=1.59\text{m}$   
 VELOCITY  $V=1.86\text{m/s}$   
 SIDE SLOPE  $m=0.0$

DISCHARGE  $Q=3.55 \text{ m}^3/\text{s}$   
 BED SLOPE  $i=1/82$   
 BED WIDTH  $B=1.25\text{m}$   
 WATER DEPTH  $d=1.17\text{m}$   
 VELOCITY  $V=2.43\text{m/s}$   
 SIDE SLOPE  $m=0.0$

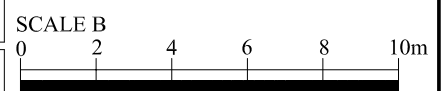
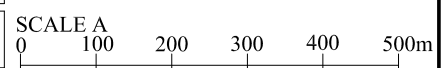
DISCHARGE  $Q=2.13 \text{ m}^3/\text{s}$   
 BED SLOPE  $i=1/77.3$   
 BED WIDTH  $B=1.35\text{m}$   
 WATER DEPTH  $d=0.71\text{m}$   
 VELOCITY  $V=2.24\text{m/s}$   
 SIDE SLOPE  $m=0.0$



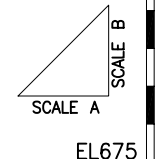
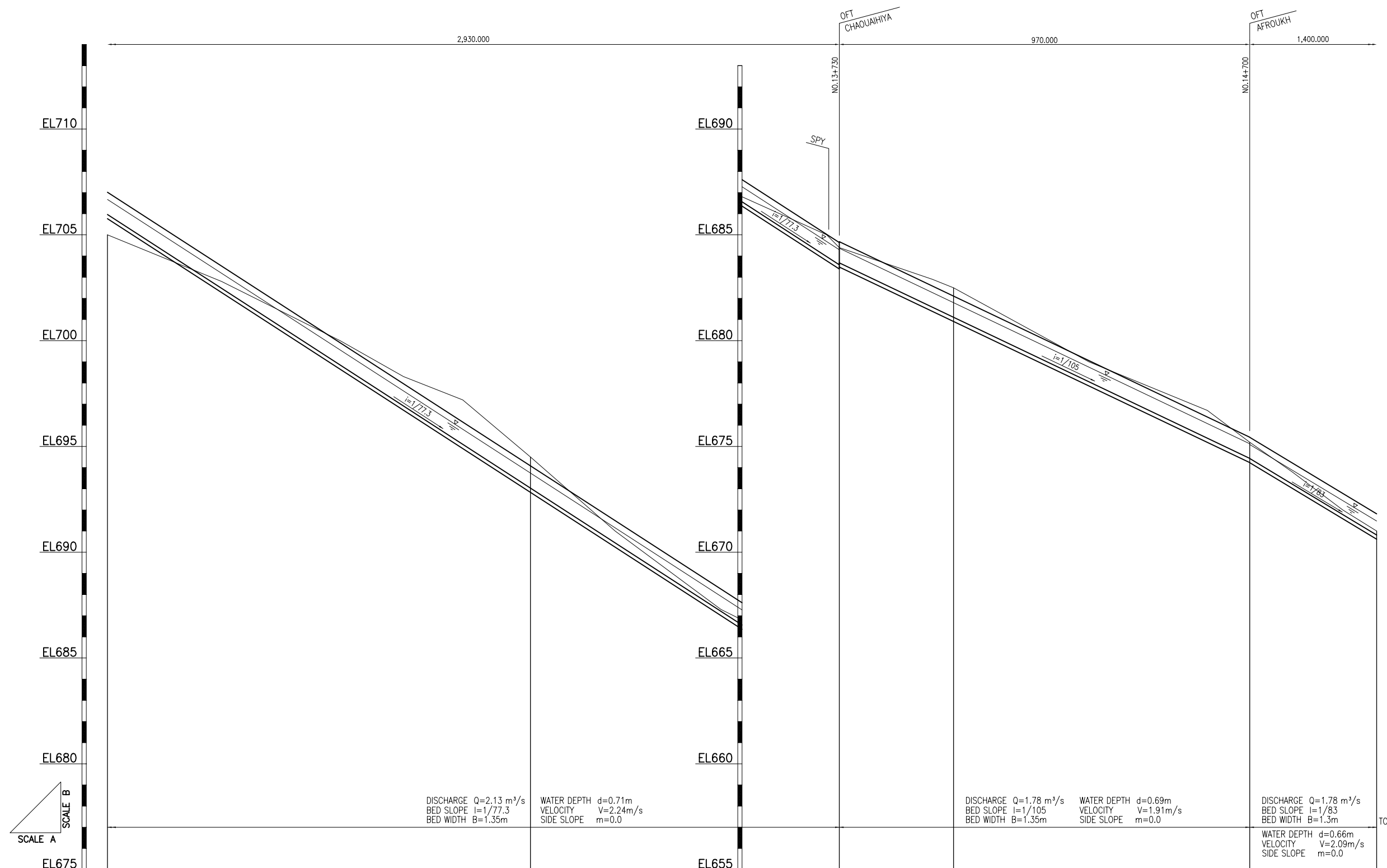
**LEGEND**

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|                                  |                              |        |        |                              |        |        |        |
|----------------------------------|------------------------------|--------|--------|------------------------------|--------|--------|--------|
| PROPOSED CANAL BED ELEVATION     | 742.72<br>(741.91)<br>742.20 | 730.74 | 724.64 | 722.20<br>(720.98)<br>721.49 | 718.90 | 708.55 | 705.97 |
| PROPOSED WATER SURFACE ELEVATION | 744.31<br>743.37             | 731.91 | 725.81 | 722.20                       | 719.61 | 709.26 | 706.68 |
| GROUND SURFACE ELEVATION         | 744.5<br>743.8               | 733.2  | 724.6  | 722.3                        | 719.2  | 709.5  | 705.0  |
| REDUED DISTANCE                  | 9000<br>9060                 | 10000  | 10500  | 10800                        | 11000  | 11800  | 12000  |
| DISTANCE                         | 0<br>60                      | 940    | 500    | 300                          | 200    | 800    | 200    |
| STATION                          | NO.9<br>+60                  | NO.10  | +500   | +800                         | NO.11  | +800   | NO.12  |



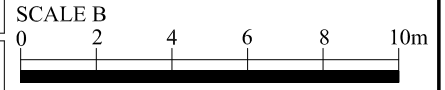
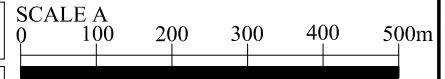




**LEGEND**

- OFT : OFFTAKE OR TURNOUT
- DRP : DORP
- CHK : CHEK
- SPY : SPILLWAY
- AQT : AQUEDUCT
- BOC : BOX CULVERTE
- SY- : SYPHON

|                                  |        |        |        |                    |        |                    |        |
|----------------------------------|--------|--------|--------|--------------------|--------|--------------------|--------|
| PROPOSED CANAL BED ELEVATION     | 705.97 | 693.03 | 686.56 | (683.59)<br>683.68 | 681.11 | (674.44)<br>674.43 | 670.82 |
| PROPOSED WATER SURFACE ELEVATION | 706.68 | 693.74 | 687.27 | 684.37             | 681.80 | 675.09             | 671.48 |
| GROUND SURFACE ELEVATION         | 705.0  | 694.5  | 686.8  | 684.4              | 682.5  | 675.2              | 671.0  |
| REDUED DISTANCE                  | 12000  | 13000  | 13500  | 13730              | 14000  | 14700              | 15000  |
| DISTANCE                         | 0      | 1000   | 500    | 230                | 270    | 700                | 300    |
| STATION                          | NO.12  | NO.13  | +500   | +730               | NO.14  | +700               | NO.15  |



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 L'AGENCE JAPONAISE DE COOPERATION INTERNATIONALE

Plan 215  
 Taskourt Irrigation  
 Coupe longitudinale du Canal principal (5/8)