

DROFAST

AUTOMATED DRAWING SOFTWARE

- **Produce Complicated and Sophisticated Drawings with Great Precision in a few seconds**

WHY CHOOSE DROFAST

Draftsman

- Gain in personnel time.
- Optimal Use of the Computer.
- Reduces 90 % of the time required to carry out drawing tasks.
- Total Minimization of the Human Error

Design Office

- Create a uniform and unique AUTOCAD standard (for the design office or for the project)
- Easy and Quick modifications and corrections for any drawing

Advantages Offered by DROFAST :

- Creation and Use of Your Own Elements (necessary text ,dimensions styles and layers) .
- Perfect Project.
- Combination of Automated and Manuel Tasks .
- Standard and Uniform File Context (i.e. names and types of layers blocks,etc...)
- Optimal cost and quality of Project .
- DROFAST ideal for a project with a succession of structures of the same type

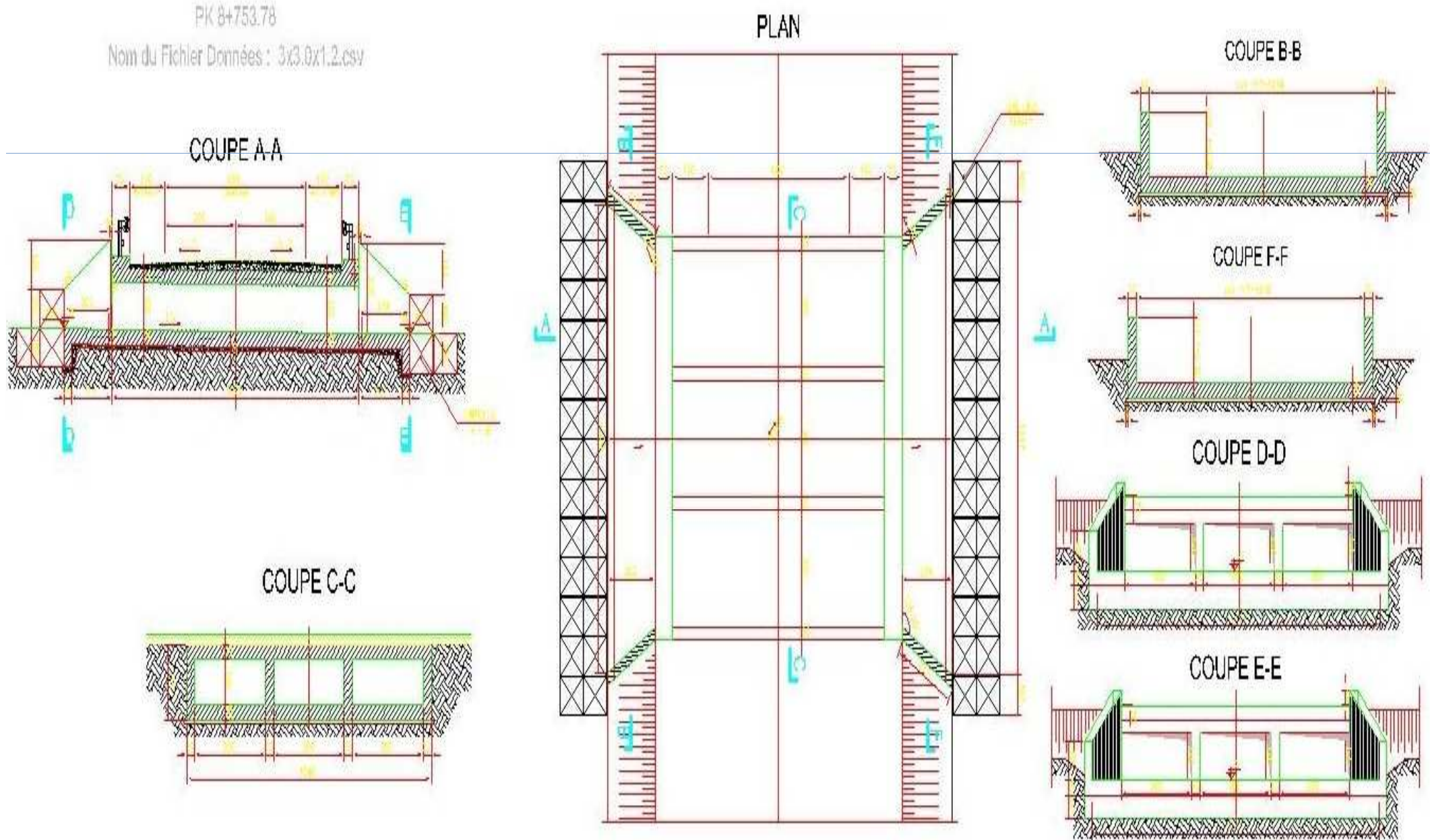
Examples of PROJECTS PRODUCED BY DROFAST :

- EL Jadida – Safi Highway, Morocco : subcontract in 2010 (Formwork drawings of 4 Interchanges, 6 Underpasses, 11 Overpasses, 2 Viaducts et 1 Channel) – 2 Bridges / hour / draftsman (Calculation Sheet + Drawings)
- Arbonite Road in HAITI : 90km (EU fund) : Subcontract 2013 (Formwork + Reinforcement drawings of 19 box culverts) – maximum time : 1 hour per project
- Reinforced Concrete Beams of 100 structures in Morocco, Dubai and Libya

Project in HAITI : Formwork of 3x3.0x1.2 Box Culvert

PK 8+753.78

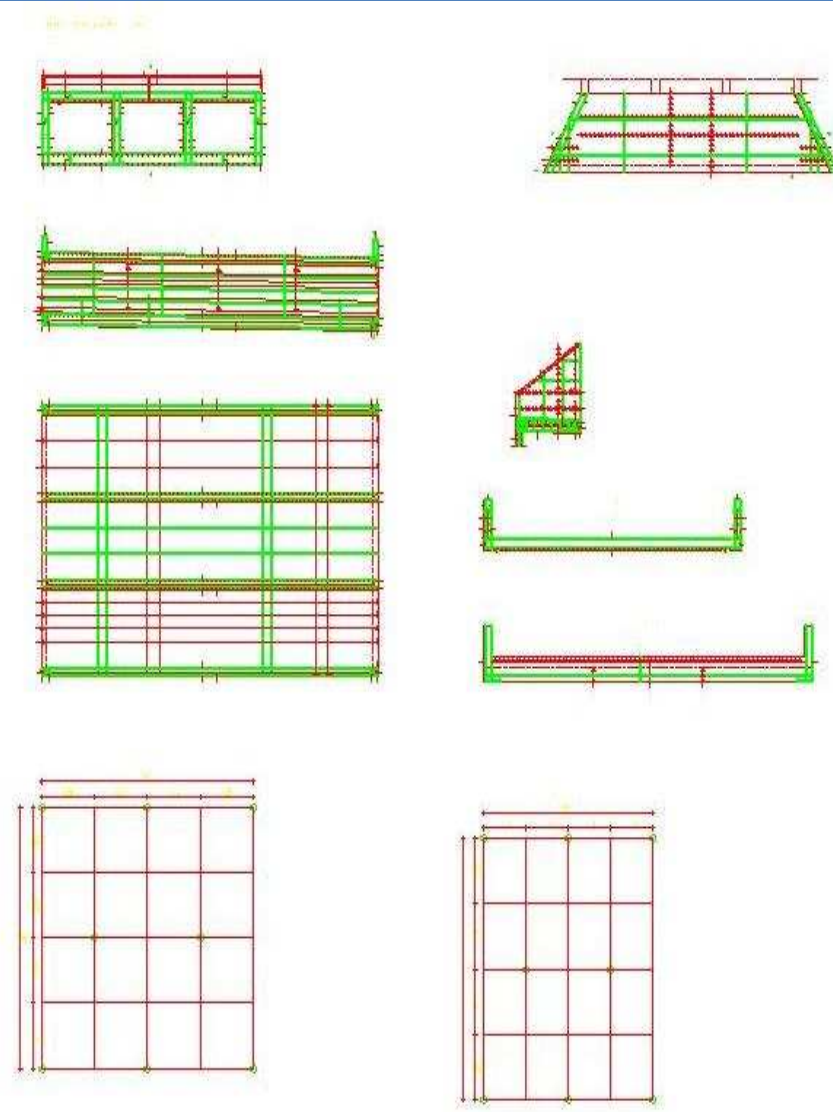
Nom du Fichier Données : 3x3.0x1.2.csv



Project in HAITI : Reinforcement of 3x3.0x1.2 Box Culvert

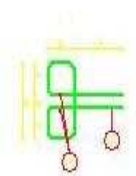
NOMENCLATURE DALOT

N°	Mat	Long	Largeur	Epaisseur	Volume	Poids	Volume	Poids	
1	FA	20	30	1	30	0.20	10.48	1076.30	2655.55
2	FA	14	30	2	180	0.20	1.45	232.32	230.74
3	FA	20	30	1	30	0.20	11.04	330.20	2179.10
3a	FA	20	30	1	30	0.20	11.24	399.20	2179.10
4	FA	10	42	1	42	0.25	16.34	630.23	420.12
5	FA	10	42	1	42	0.25	16.34	630.23	420.12
6	FA	10	7	2	14	0.25	16.34	229.76	141.04
7	FA	10	7	2	14	0.25	16.34	229.76	141.04
8	FA	10	42	1	42	0.25	16.34	630.23	420.12
9	FA	10	42	1	42	0.25	16.34	630.23	420.12
10	FA	10	42	1	42	0.25	16.34	630.23	420.12
11	FA	14	30	2	180	0.20	2.34	454.03	549.72
11	FA	20	30	1	30	0.20	10.34	327.20	2040.00
12	FA	14	30	2	180	0.20	2.05	424.32	512.75
13	FA	10	124.3	1	124.3	0.81	0.81	630.43	392.41
14	FA	10	730	1	730	0.81	0.81	475.30	290.35
14	FA	10	7	2	20	0.25	16.34	457.62	232.03
15	FA	14	30	4	320	0.20	1.84	524.16	630.40
15	FA	14	30	4	320	0.20	2.34	909.16	1097.40
17	FA	10	53	2	106	0.20	2.40	257.37	153.63
17b	FA								
18	FA	10	2	2	4	10.34		41.33	25.50
19	FA	10	4	2	8	10.34		32.72	51.00
								15041.30	



NOMENCLATURE MUR

N°	Mat	Long	Largeur	Epaisseur	Volume	Poids	Volume	Poids	
1	FA	10	52	1	52	0.20	3.21	163.92	102.91
1a	FA	10	7	2	14	0.20	1.31	25.30	15.00
2	FA	12	16	1	16	0.20	1.22	205.10	132.12
3	FA	14	15	2	30	0.20	3.24	97.22	117.43
3a	FA	14	1	2	2	0.20	4.10	3.23	9.99
3b	FA	14	2	2	4	0.20	2.73	11.10	13.45
4	FA	12	14	1	14	0.20	1.29	171.59	152.34
5	FA	12	52	1	52	0.20	3.24	163.89	149.76
1a	FA	12	7	2	14	0.20	1.34	25.73	22.39
8	FA	14	15	2	30	0.20	3.24	97.22	117.43
8a	FA	14	1	2	2	0.20	4.10	3.23	9.99
8b	FA	14	2	2	4	0.20	2.73	11.10	13.45
7	FA	10	3	2	16	0.25	1.52	24.39	15.04
7a	FA	10	5	2	10	0.25	3.01	30.03	13.55
4	FA	10	3	2	16	0.25	1.52	24.39	15.04
6a	FA	10	4	2	3	0.25	3.01	24.07	14.34
9	FA	10	70	1	70	0.20	2.57	137.61	115.87
12	FA	10	3	1	3	0.20	14.73	44.05	27.34
10a	FA	10	3	1	3	0.20	15.03	45.13	27.35
11	FA	10	17	2	34	0.20	1.35	45.90	23.00
12	FA	10	230	1	230	0.81	1.00	230.40	177.31
13	FA	10	30	2	60	0.81	0.30	49.30	30.70
								15041.30	1083.75

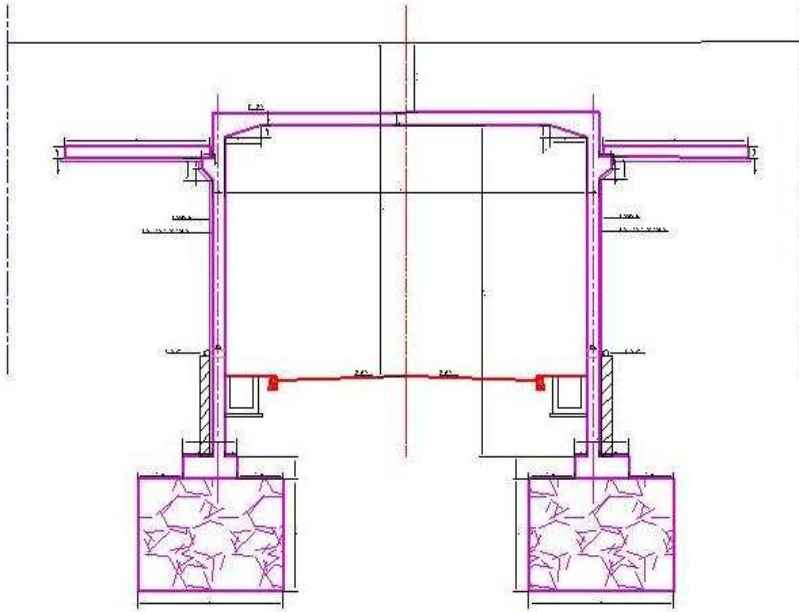


Formwork of an Underpass

Nom du Fichier Données: PR1.CSV

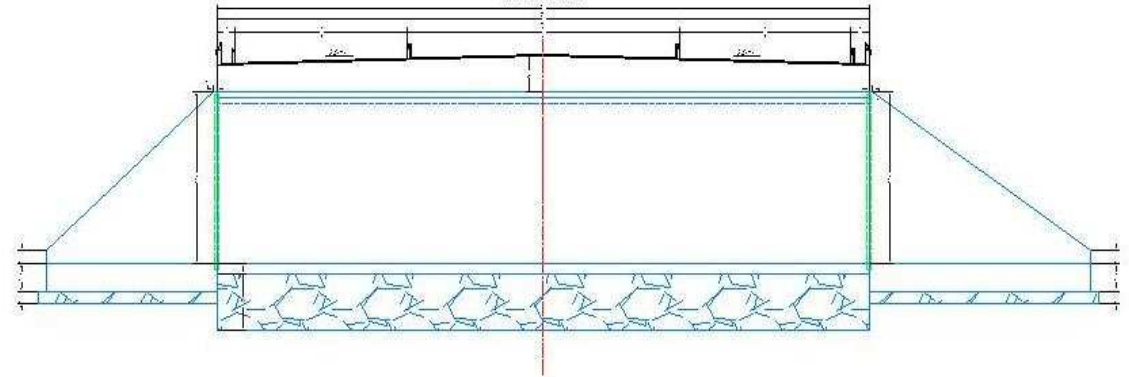
COUPE TRANSVERSALE

EG-SL-E 100



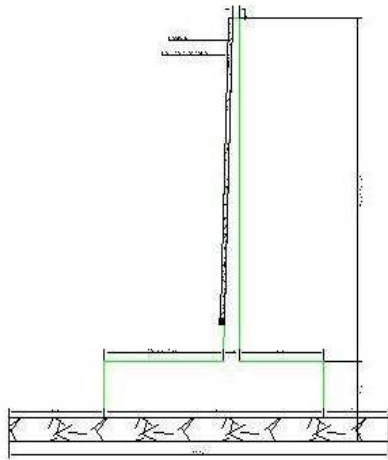
COUPE LONGITUDINALE

EG-SL-E 100



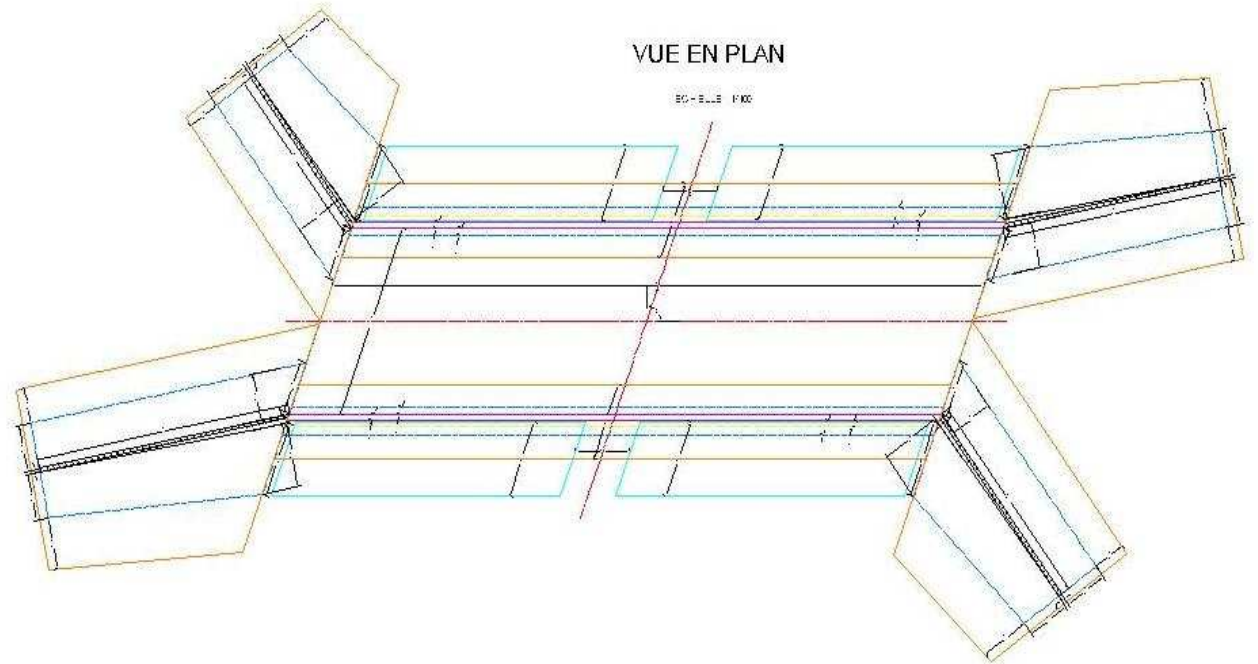
COUPE TRANSVERSALE DU MUR

EG-SL-E 100



VUE EN PLAN

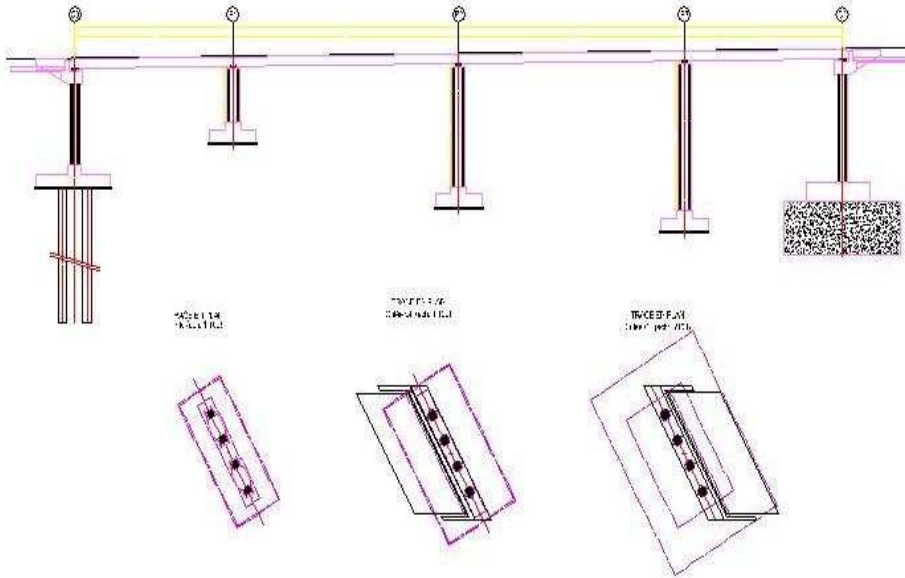
EG-SL-E 100



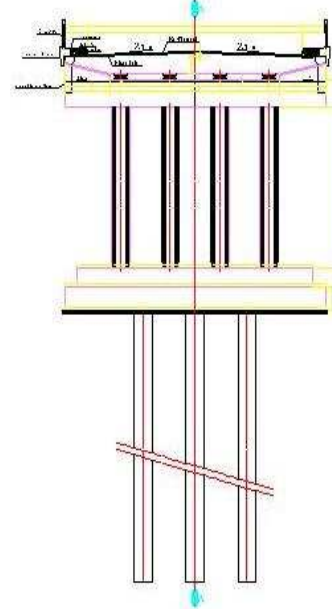
Formwork of an OverPass

Nom du fichier Données: ok6.csv

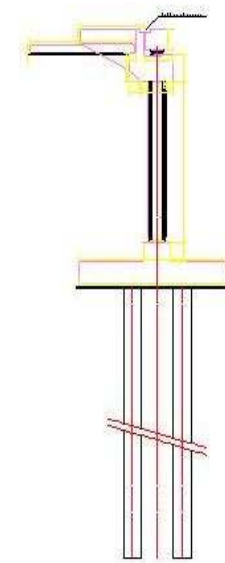
COUPE LONGITUDINALE
ECH.ELLE 1/100



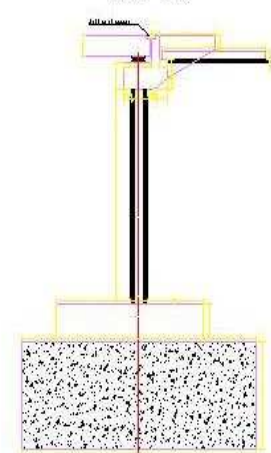
COUPE TRANSVERSALE SUR CULEE C0
ECH 1/50



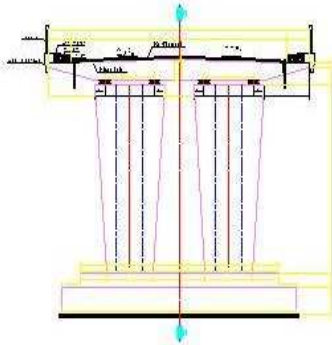
COUPE A-A CULEE C0
ECH 1/50



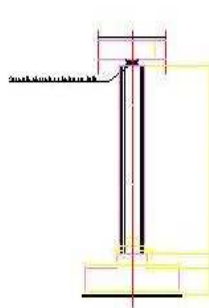
COUPE A-A CULEE C1
ECH 1/50



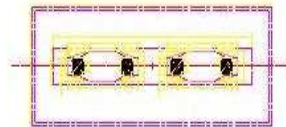
COUPE TRANSVERSALE SUR PILE P1
ECH 1/50



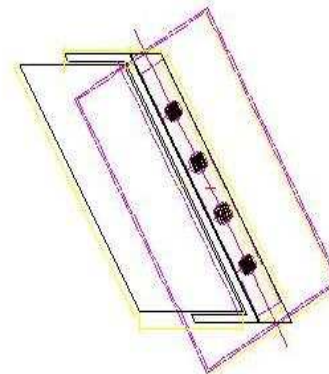
COUPE B-B
ECH 1/50



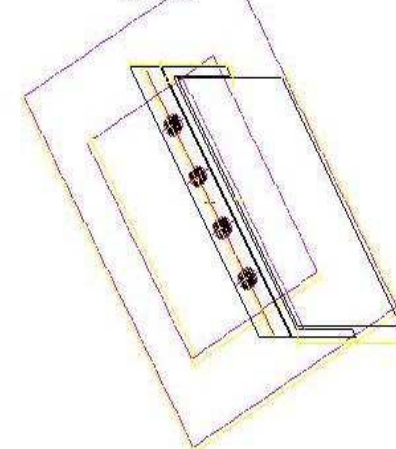
VUE EN PLAN PILE
ECH 1/50



VUE EN PLAN CULEE C0
ECH 1/50



VUE EN PLAN CULEE C1
ECH 1/50

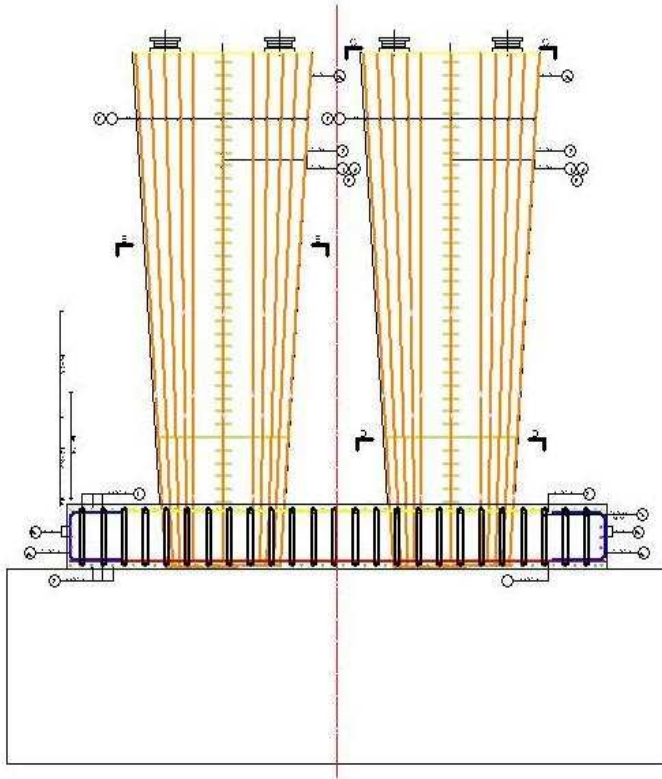


Reinforcement of a Pier

REINFORCEMENT PLAN

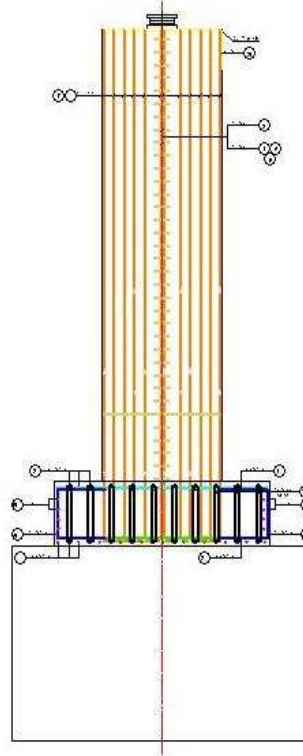
COUPE TRANSVERSALE SUR PILE

L'EMPLACEMENT



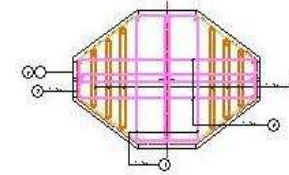
ELEVATION A-A
PILE P1

L'EMPLACEMENT



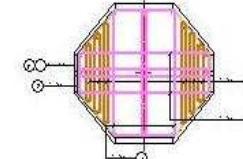
COUPE C-C

L'EMPLACEMENT



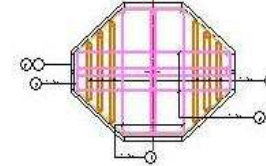
COUPE D-D

L'EMPLACEMENT



COUPE E-E

L'EMPLACEMENT

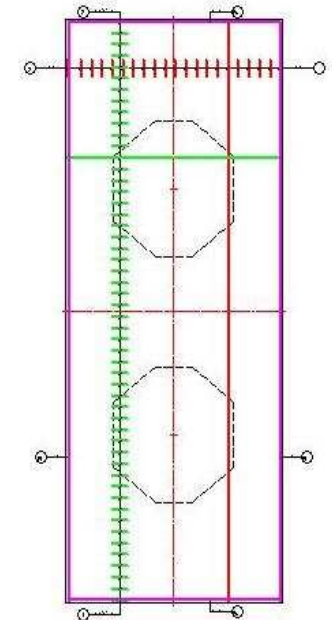


NOMENCLATURE PILES VOIES

NO	PROFIL	SECTION	PROFIL	SECTION	PROFIL	SECTION	PROFIL	SECTION
1	HA							
2	HA							
3	HA							
4	HA							
5	HA							
6	HA							
7	HA							
8	HA							
9	HA							
10	HA							
11	HA							
12	HA							
13	HA							
14	HA							
15	HA							
16	HA							
17	HA							
18	HA							

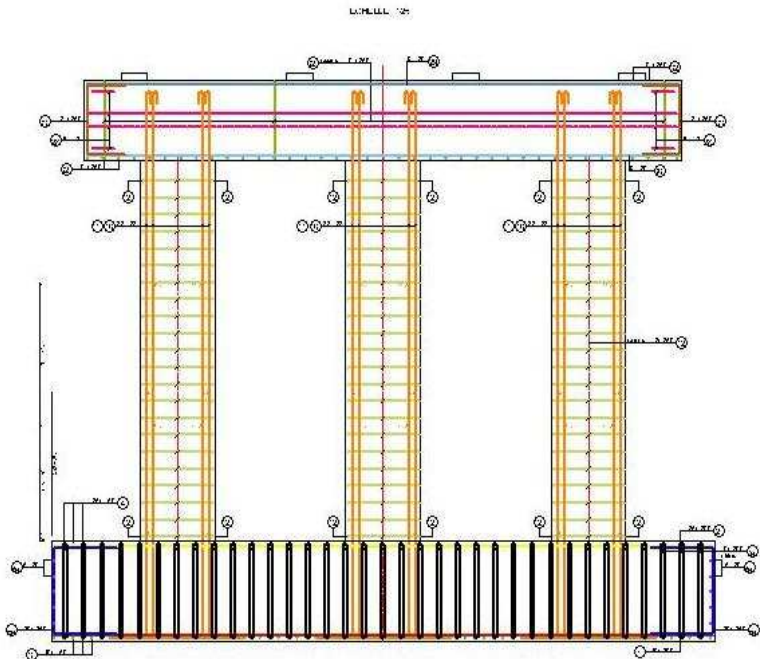
VUE EN PLAN

L'EMPLACEMENT

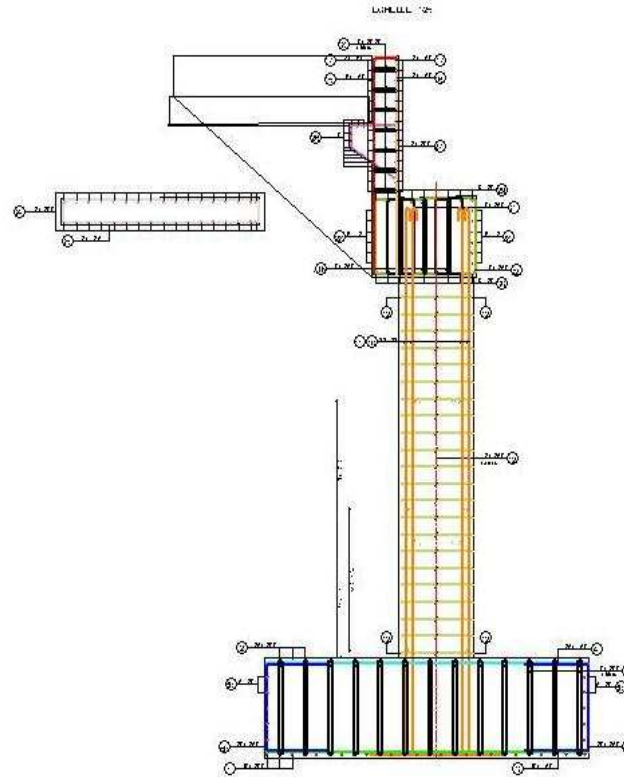


Reinforcement of a Bridge Abutment

COUPE TRANSVERSALE SUR CULEE



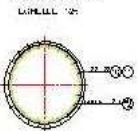
ELEVATION A-A



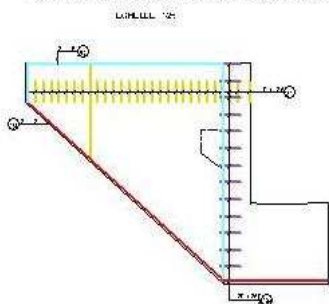
NOMENCLATURE DE LA CULEE

NO	DESIGNATION	DIAM	LONG	SECTION	PROFIL	PROFIL	PROFIL
1	HA 40	27	2	54	200	10.54	509.20 5015.43
2	HA 25	27	2	54	200	10.54	509.20 2190.55
3	UA 40	71	2	142	150	8.31	390.05 3345.14
4	UA 25	71	2	142	150	8.31	390.05 3455.13
5a	UA 20	20	2	82	250	3.60	170.30 436.02
5b	UA 20	40	2	36	250	3.60	292.60 721.10
6a	UA 20	5-2	2	20		8.31	123.29 311.45
6b	UA 20	5-2	2	20		10.54	210.34 519.95
7	UA 10	303	2	1703	300	0.05	520.00 3245.34
10	F-A 32	11	3-2	88		12.23	309.00 5107.87
11	F-A 32	11	3-2	88		12.23	309.00 5107.87
12	HA 12	23	3-2	103	250	3.82	527.00 403.19
13	UA 12	17-2	2	83	200	3.82	579.20 514.22
14	UA 12	85	2	100	125	7.20	935.82 300.88
15	HA 18	57	2	114	150	0.53	403.45 844.87
16	UA 12	57	2	114	150	0.53	403.45 382.83
17	UA 12	14-2	2	50	150	9.82	532.99 470.19
18	F-A 10	27-14	2	750	30-30	0.93	741.39 457.41
19	UA 12	3	2	8		8.33	37.97 33.71
20	UA 18	3	2	8		8.92	41.82 85.83
21	UA 10	29-2	2-2	232	125	1.95	435.34 283.71
23	HA 20	3	2-2	12	250	8.24	74.37 134.83
23a	UA 20	11	2-2	42	250	4.22	135.51 457.49
23b	UA 20	3	2-2	12	250	4.29	51.47 128.94
23c	UA 20	11	2-2	42	250	4.22	103.01 283.37
21	UA 10	102	2-2	403	25-25	0.93	400.39 243.35
25	UA 14	3	2	8	200	2.88	15.94 19.28
25a	UA 14	3	2	8	200	3.14	13.35 22.73
26	UA 10	11	2	22	10	3.45	135.93 114.00
27	UA 12	40	2	30	200	2.85	219.05 194.43
28	HA 12	8-2	2	24		9.82	223.42 202.30
29	HA 20	9	2	18		9.82	171.32 422.49
30	HA 20	9	2	18		9.82	171.32 422.49
1	UA 10	39-2	2	150	250	3.33	519.05 320.01
21b	UA 10	39-3	2	234	250	2.53	592.02 305.00
32	UA 10	39	2	73	250	5.72	443.83 275.02
33	UA 12	7-2	2	23	250	2.34	85.82 53.17
TOTAL: 43077.19							

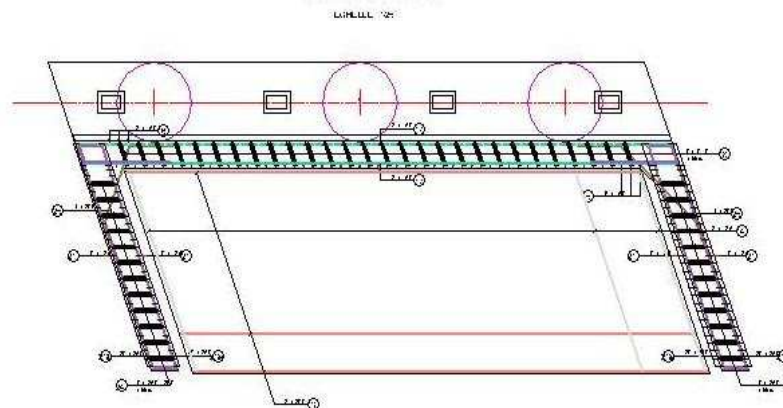
COUPE C-C



DETAILS DU MUR EN RETOUR



VUE EN PLAN



SUMMARY

DROFAST:
AUTOCAD
Automatisation

Input Data to
DROFAST

Quick Drawing
Without Errors

Optimized
Projects for the
Whole Design
Office with the
same Quality,
Standards and
Perfection

Minimum Loss
of Human and
Intellectual
Energy
Improved
Product Better
Trademark