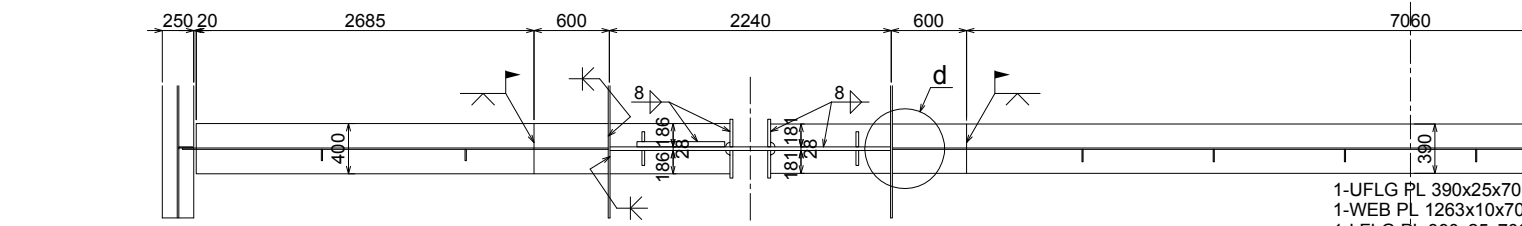
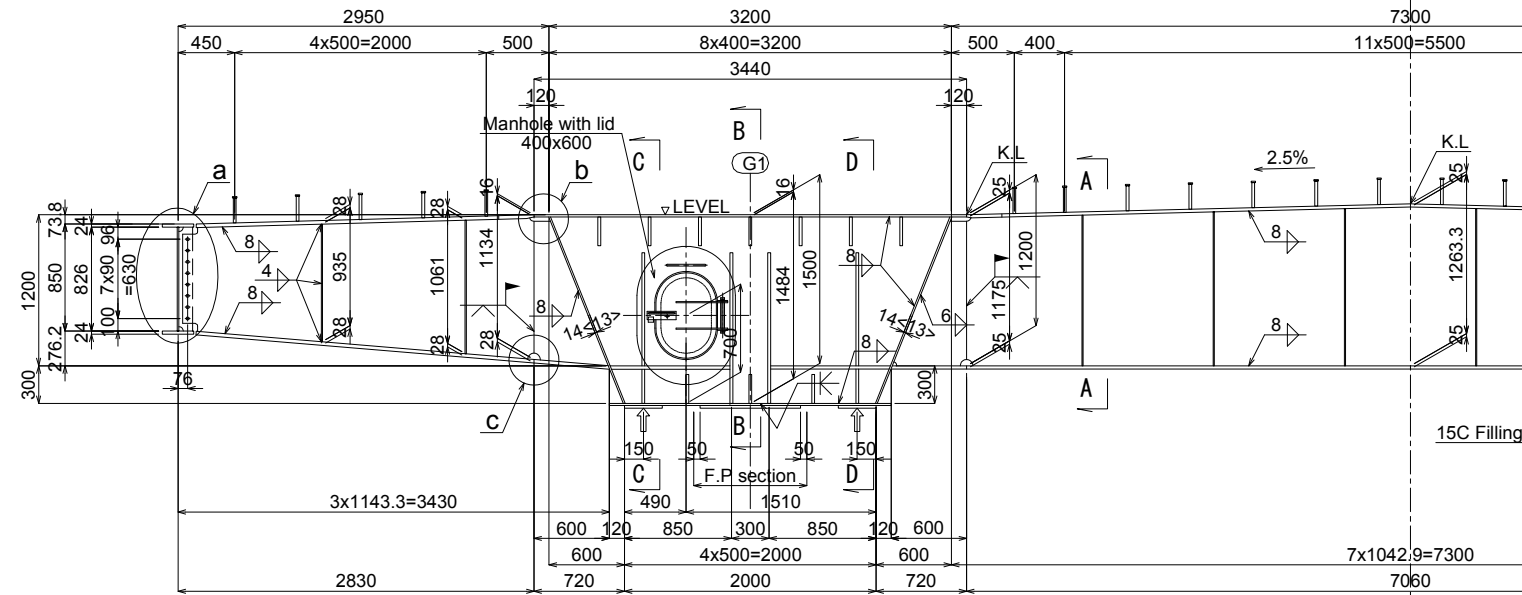
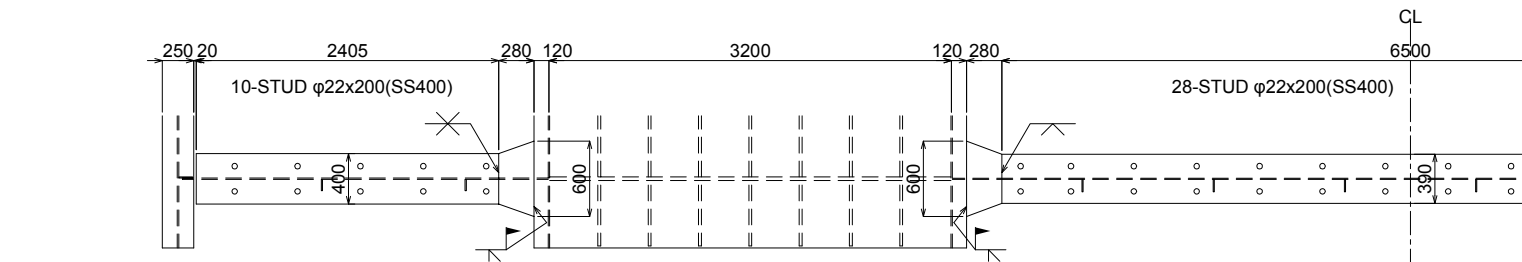


S1,<S2> A1 1:30,A3 1:60



- 1-UFLG PL 400x28x2406(SM490YB)
- 1-WEB PL 1134x11x2794(SM490YA)
- 1-LFLG PL 400x28x2698(SM490YB)
- 1-VSTF PL 90x9x935
- 1-VSTF PL 90x9x1061
- 8-TCB M22x55(S10T)

- 1-UFLG PL 600x28x280(SM490YB)
- 1-WEB PL 1134x11x591<592>(SM490YA)
- 1-LFLG PL 400x28x593<594>(SM490YB)

- 1-DIA PL 1485x28x3190(SM490YB)
- 4-VSTF PL 220x22x1200(SM490YB)
- 2-PL 186x28x954(SM490YB)
- 2-PL 181x25x954(SM490YB)
- Jack up
- 4-PL 120x22x900(SM490YB)
- 2-PL 120x22x272(SM490YB)
- 2-PL 120x22x275(SM490YB)
- 2-BASE PL 300x36<40>x300(SM400B)

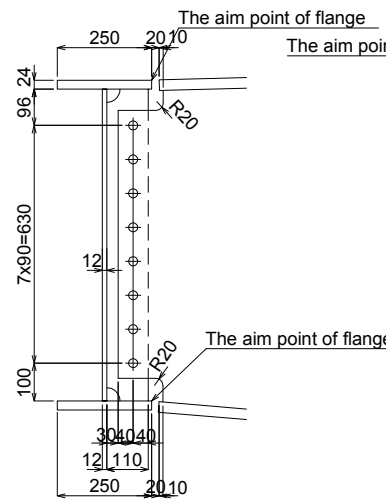
- 1-UFLG PL 600x25x280(SM490YB)
- 1-WEB PL 1134x10x591<592>(SM490YA)
- 1-LFLG PL 390x25x591<592>(SM490YB)

- 1-UFLG PL 390x25x7062(SM490YB)
- 1-WEB PL 1263x10x7060(SM490YA)
- 1-LFLG PL 390x25x7060(SM490YB)
- 2-VSTF PL 100x9x1198
- 2-VSTF PL 100x9x1224
- 2-VSTF PL 100x9x1250
- 4-PL 100x9x120

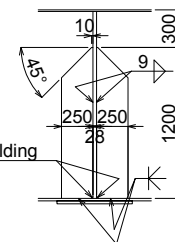
NOTES

1. All materials shall be SM400A unless otherwise noted.
2. Scallop shall be 35R unless otherwise noted.
3. ϕ shows "Twist-off-type tension control bolts" M22(S10T)
4. < > Internal dimensions indicate S2

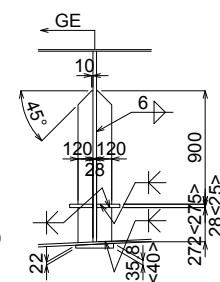
"a"DETAIL A1 1:10,A3 1:20



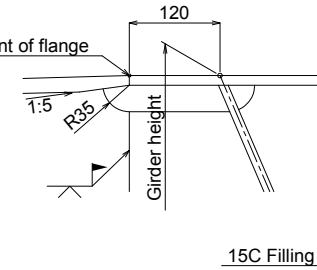
B-B



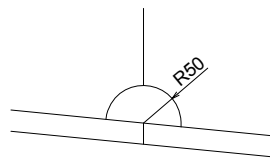
C-C<D-D>
Jack up



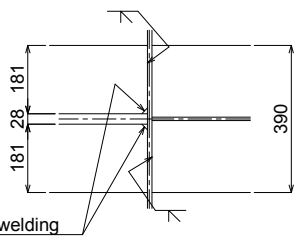
"b"DETAIL A1 1:5,A3 1:10



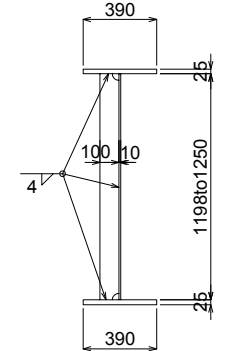
"c"DETAIL A1 1:5,A3 1:10



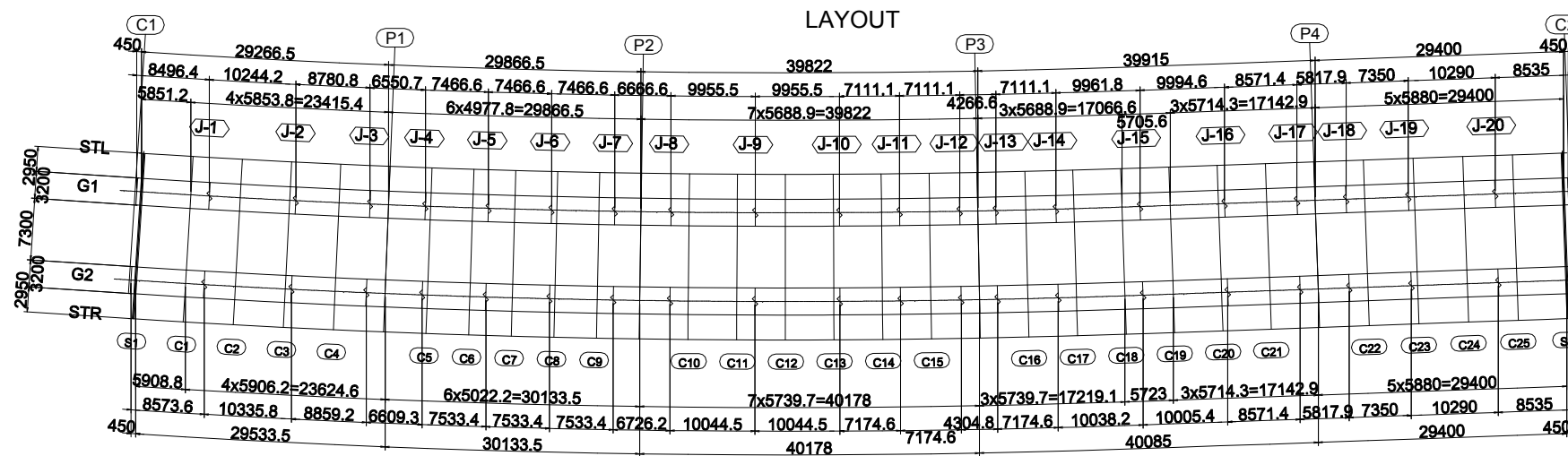
"d"DETAIL A1 1:10,A3 1:20



A-A A1 1:20,A3 1:40



LAYOUT



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



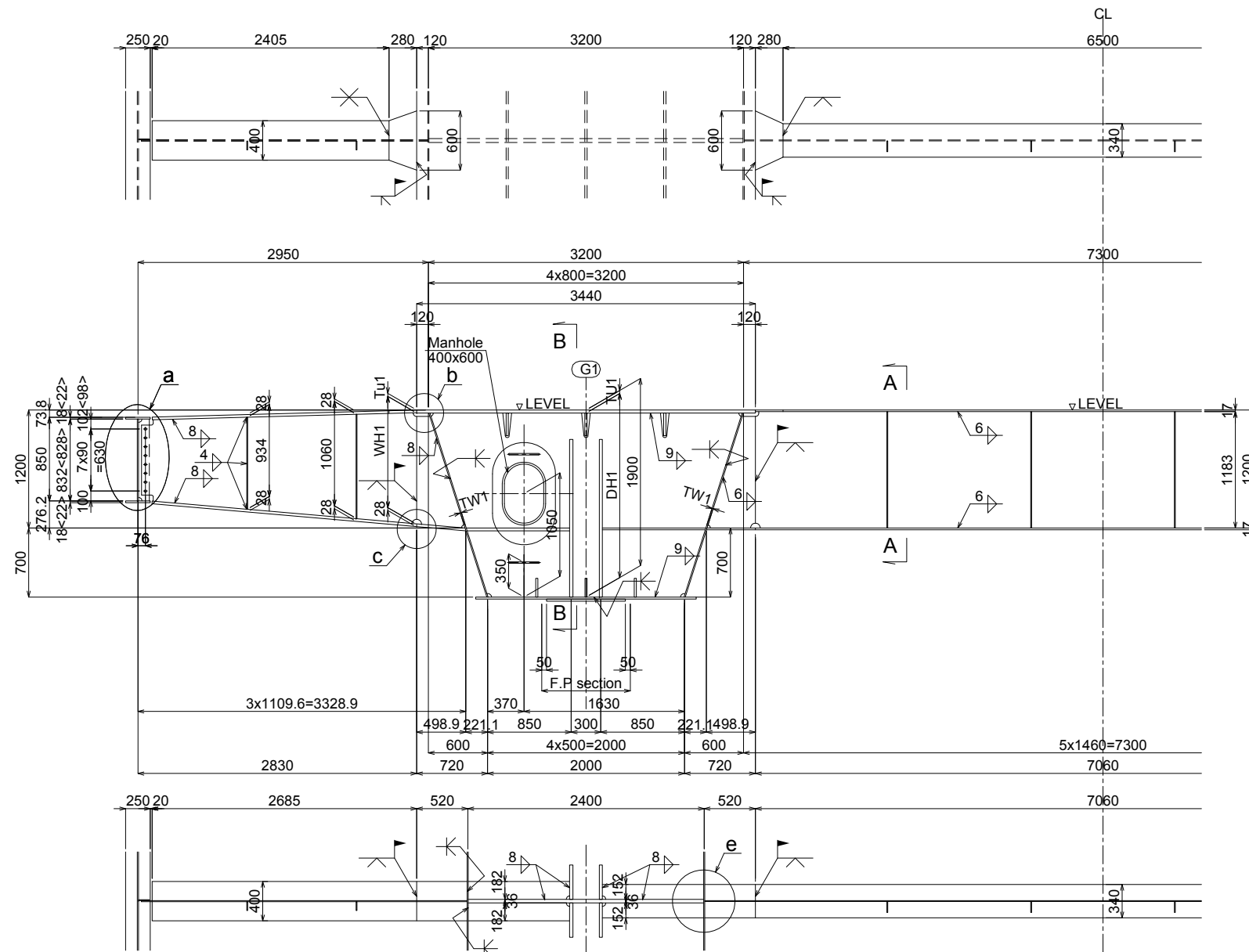
INGÉROSEC CORPORATION

ÉCOLE DE POLICE
POUTRE DE TABLIER ET DIAPHRAGME SUR PILES
END FLOOR BEAM AND DIAPHRAGM

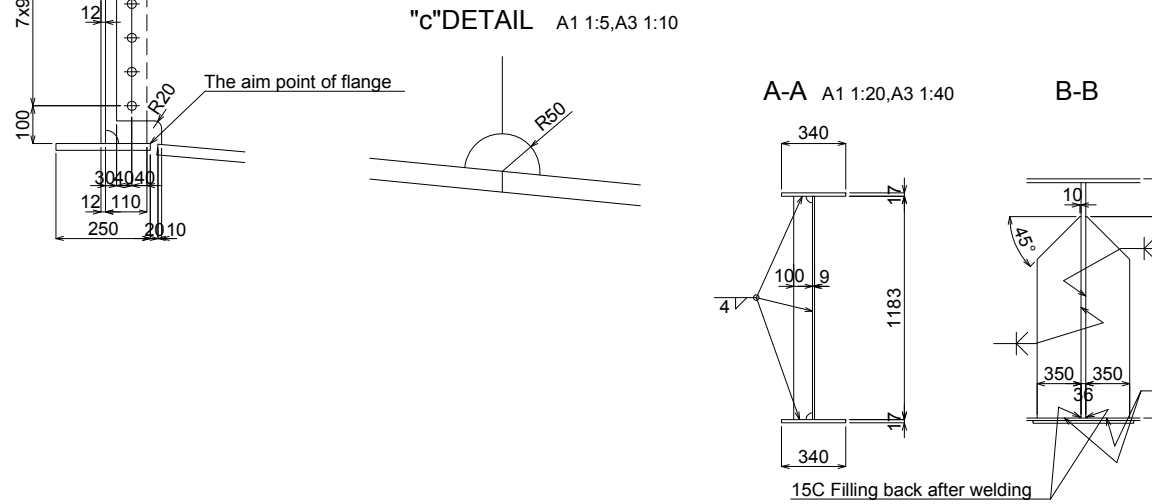
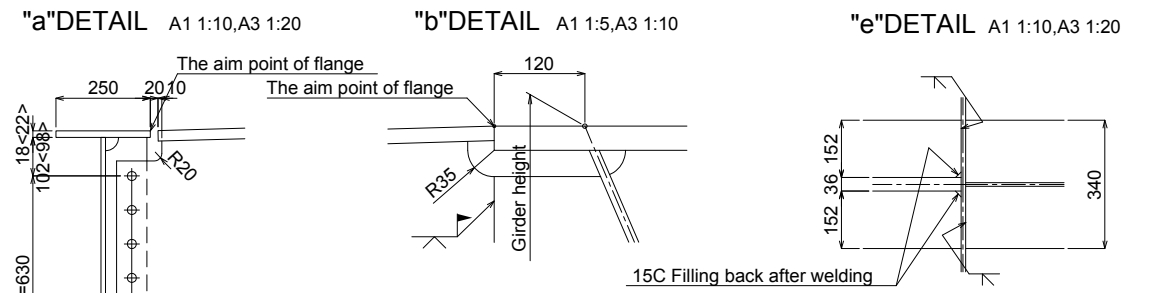
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File	Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
			OCG,ISEC	BFM	PONT	DESSINS	H-EP-TA-048	A

P1<P2> A1 1:30,A3 1:60

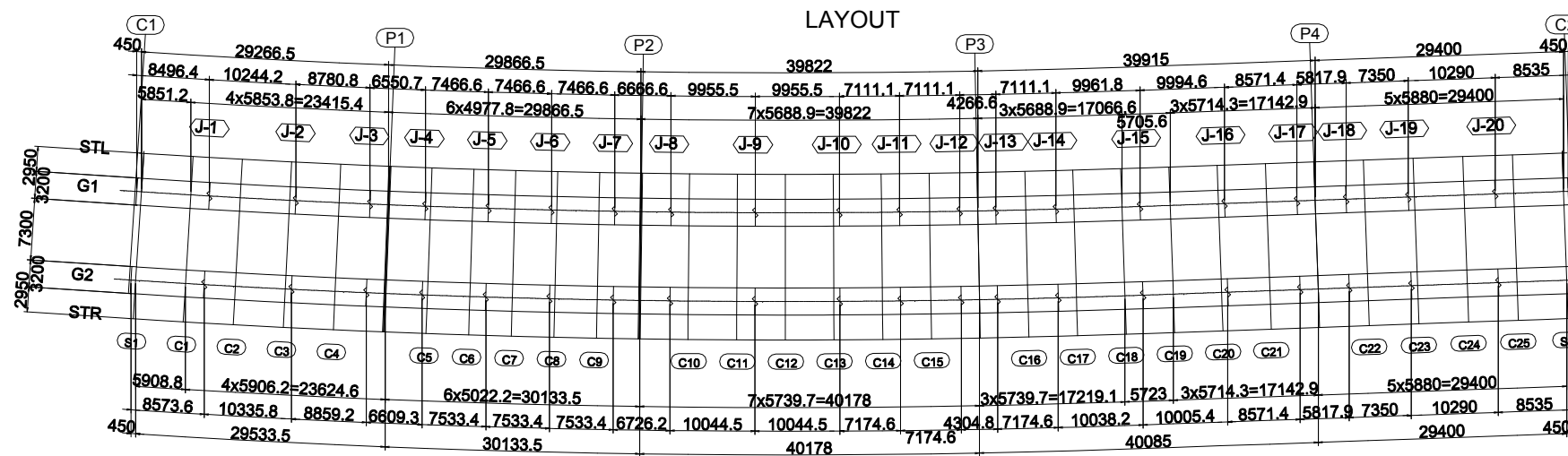


- | | | |
|--------------------------------|--------------------------------|-----------------------|
| 1-UFLG PL 400x28x2406(SM490YB) | 1-DIA PL DH1x36x3190(SM490YB) | 1-UFLG PL 340x17x7060 |
| 1-WEB PL WH1x11x2794(SM490YA) | 4-VSTF PL 350x32x1600(SM490YB) | 1-WEB PL 1183x9x7060 |
| 1-LFLG PL 400x28x2695(SM490YB) | 2-PL 182x28x1050(SM490YB) | 1-LFLG PL 340x17x7060 |
| 1-VSTF PL 90x9x934 | 2-PL 152x17x1050 | 4-VSTF PL 100x9x1183 |
| 1-VSTF PL 90x9x1060 | 1-UFLG PL 600x28x280(SM490YB) | 4-PL 100x9x120 |
| 8-TCB M22x55(S10T) | 1-WEB PL WH2x11xWL1(SM490YA) | |
| | 1-LFLG PL 400x28xLF1(SM490YB) | |
| | 1-UFLG PL 600x17x280 | |
| | 1-WEB PL WH2x9xWL2 | |
| | 1-LFLG PL 340x17xLF2 | |



	P1	P2
DH1	1881	1874
TU1	19	26
TW1	17	18
WH1	1138	1131
WH2	1146	1139
WL1	487	486
WL2	487	486
LF1	489	488
LF2	487	486

- NOTES
- All materials shall be SM400A unless otherwise noted.
 - Scallop shall be 35R unless otherwise noted.
 - φ shows "Twist-off-type tension control bolts" M22(S10T)
 - < > Internal dimensions indicate P2



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

REPUBLICHE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier

AGENCE DE GESTION DES ROUTES

AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY

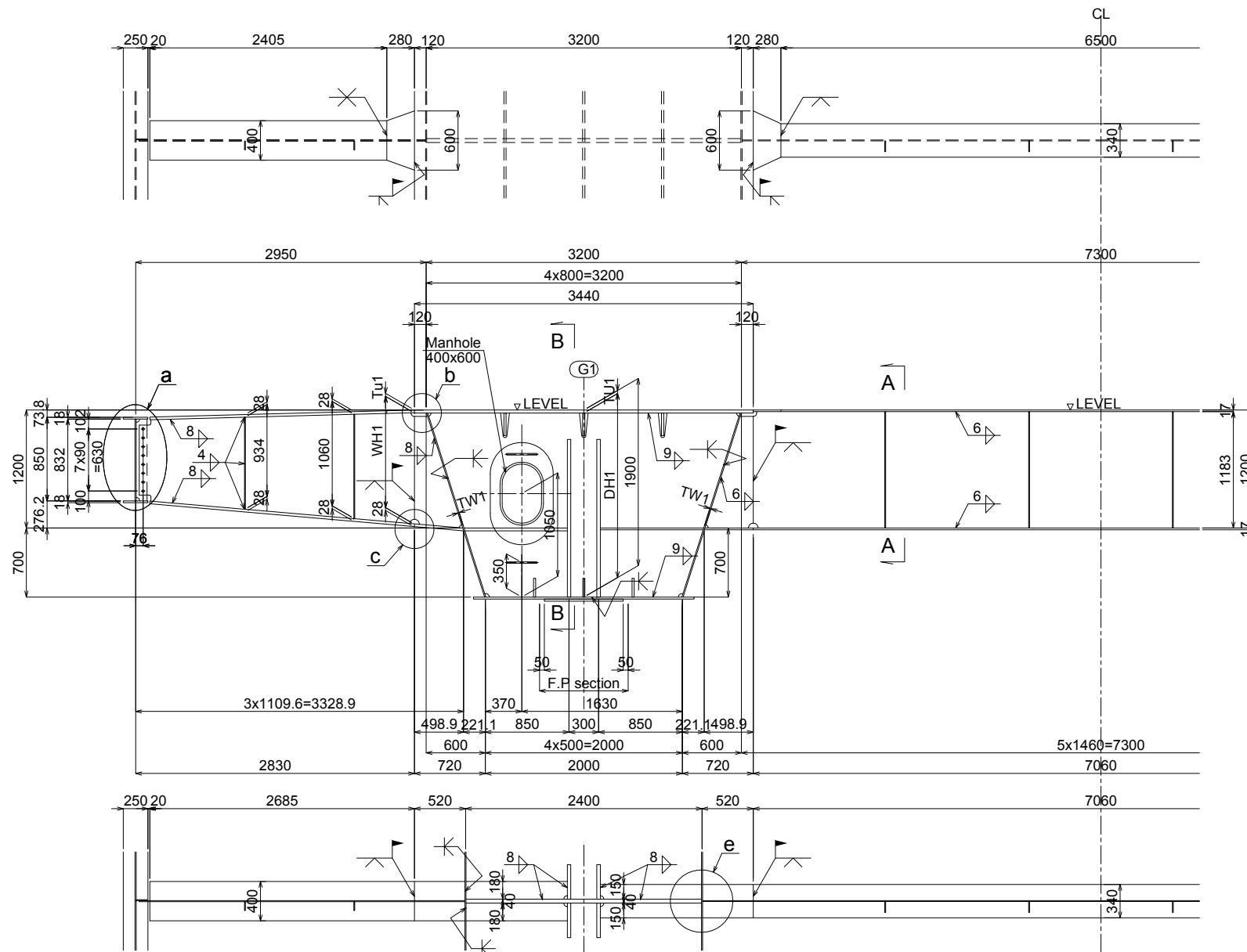
ORIENTAL CONSULTANTS GLOBAL CO., LTD.

INGÉROSEC CORPORATION

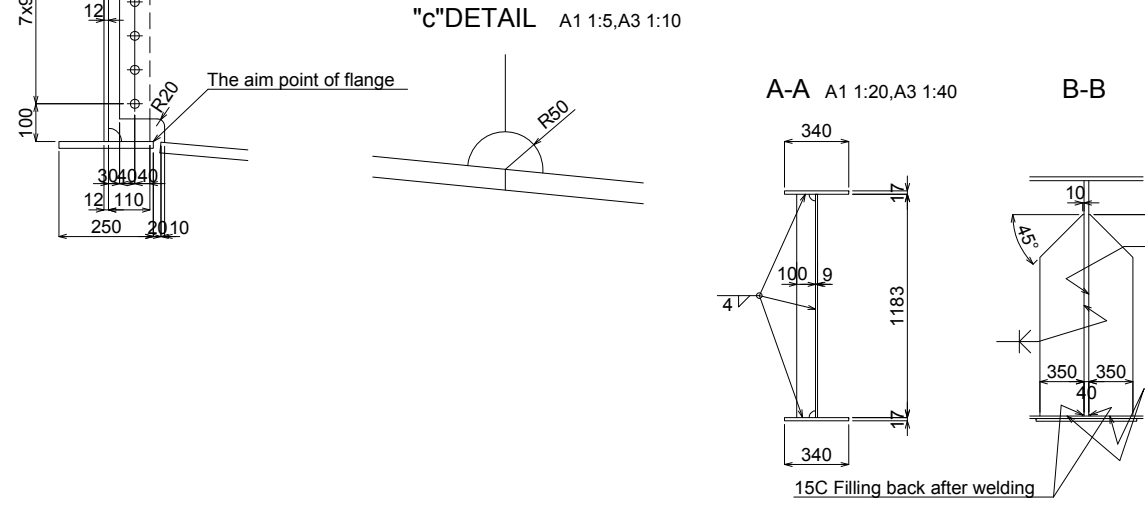
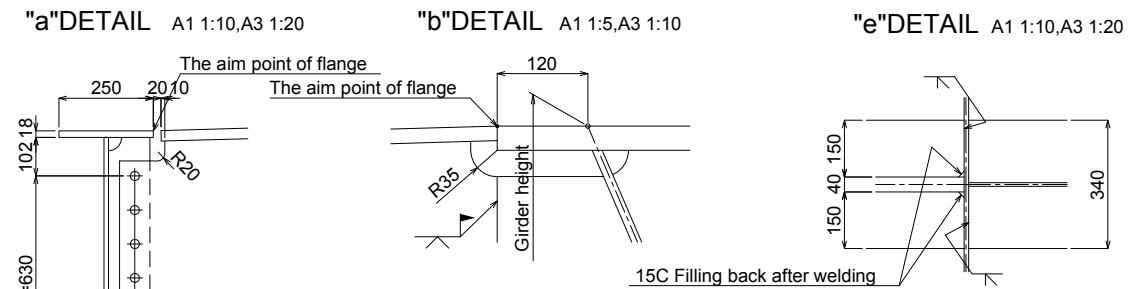
ÉCOLE DE POLICE
POUTRE DE TABLIER ET DIAPHRAGME SUR PILES - (1)
INTERMEDIATE FLOOR BEAM AND DIAPHRAGM ON THE PIER (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File
Emetteur / Issuer	Localisation / Location	Type de ouvrage - Activité / Type of structure - Activity
OCG, ISEC	BFM	PONT
		Type de document / Type of document
		DESSINS
		N° / No.
		H-EP-TA-049
		Indice / Index
		A

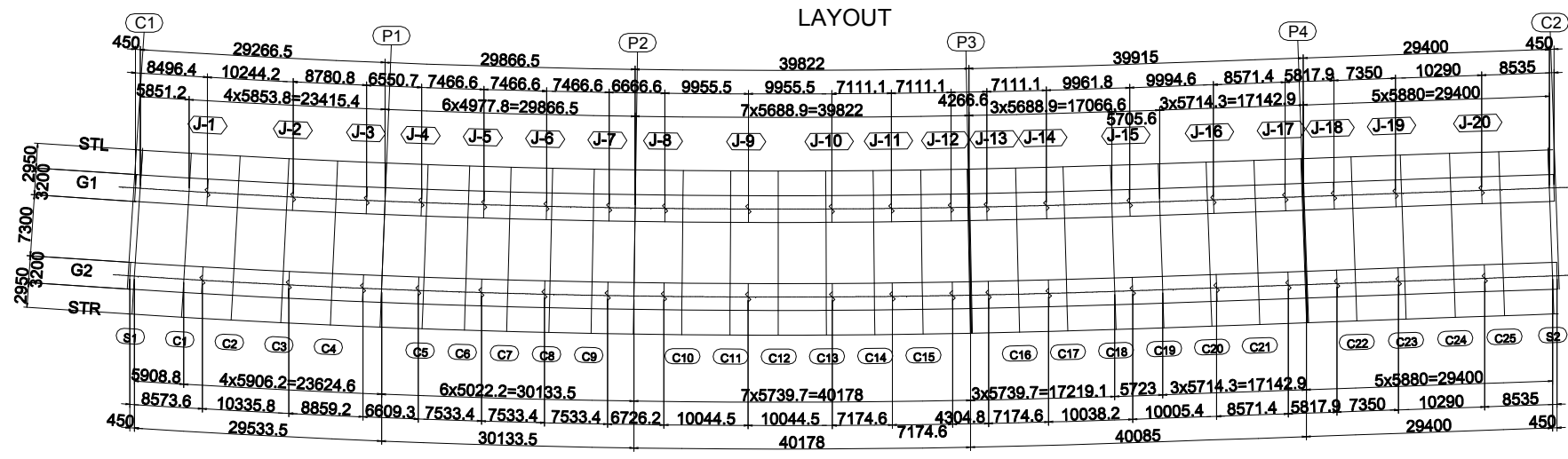


- | | | |
|--------------------------------|--------------------------------|-----------------------|
| 1-UFLG PL 400x28x2406(SM490YB) | 1-DIA PL DH1x40x3190(SM490YB) | 1-UFLG PL 340x17x7060 |
| 1-WEB PL WH1x11x2794(SM490YA) | 4-VSTF PL 350x36x1600(SM490YB) | 1-WEB PL 1183x9x7060 |
| 1-LFLG PL 400x28x2695(SM490YB) | 2-PL 180x28x1048(SM490YB) | 1-LFLG PL 340x17x7060 |
| 1-VSTF PL 90x9x934 | 2-PL 150x17x1048 | 4-VSTF PL 100x9x1183 |
| 1-VSTF PL 90x9x1060 | 1-UFLG PL 600x28x280(SM490YB) | 4-PL 100x9x120 |
| 8-TCB M22x55(S10T) | 1-WEB PL WH2x11xWL1(SM490YA) | |
| | 1-LFLG PL 400x28xLF1(SM490YB) | |
| | 1-UFLG PL 600x17x280 | |
| | 1-WEB PL WH2x9xWL2 | |
| | 1-LFLG PL 340x17xLF2 | |



	P3	P4
DH1	1871	1876
TU1	29	24
TW1	24	19
WH1	1128	1133
WH2	1136	1141
WL1	480	485
WL2	480	485
LF1	482	487
LF2	480	485

NOTES
 1. All materials shall be SM400A unless otherwise noted.
 2. Scallop shall be 35R unless otherwise noted.
 3. ϕ shows "Twist-off-type tension control bolts" M22(S10T)



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

REPUBLICUE DE COTE D'IVOIRE
 Ministère de l'Équipement et de l'Entretien Routier

AGENCE DE GESTION DES ROUTES

AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
 / JAPAN INTERNATIONAL COOPERATION AGENCY

ORIENTAL CONSULTANTS GLOBAL CO., LTD.

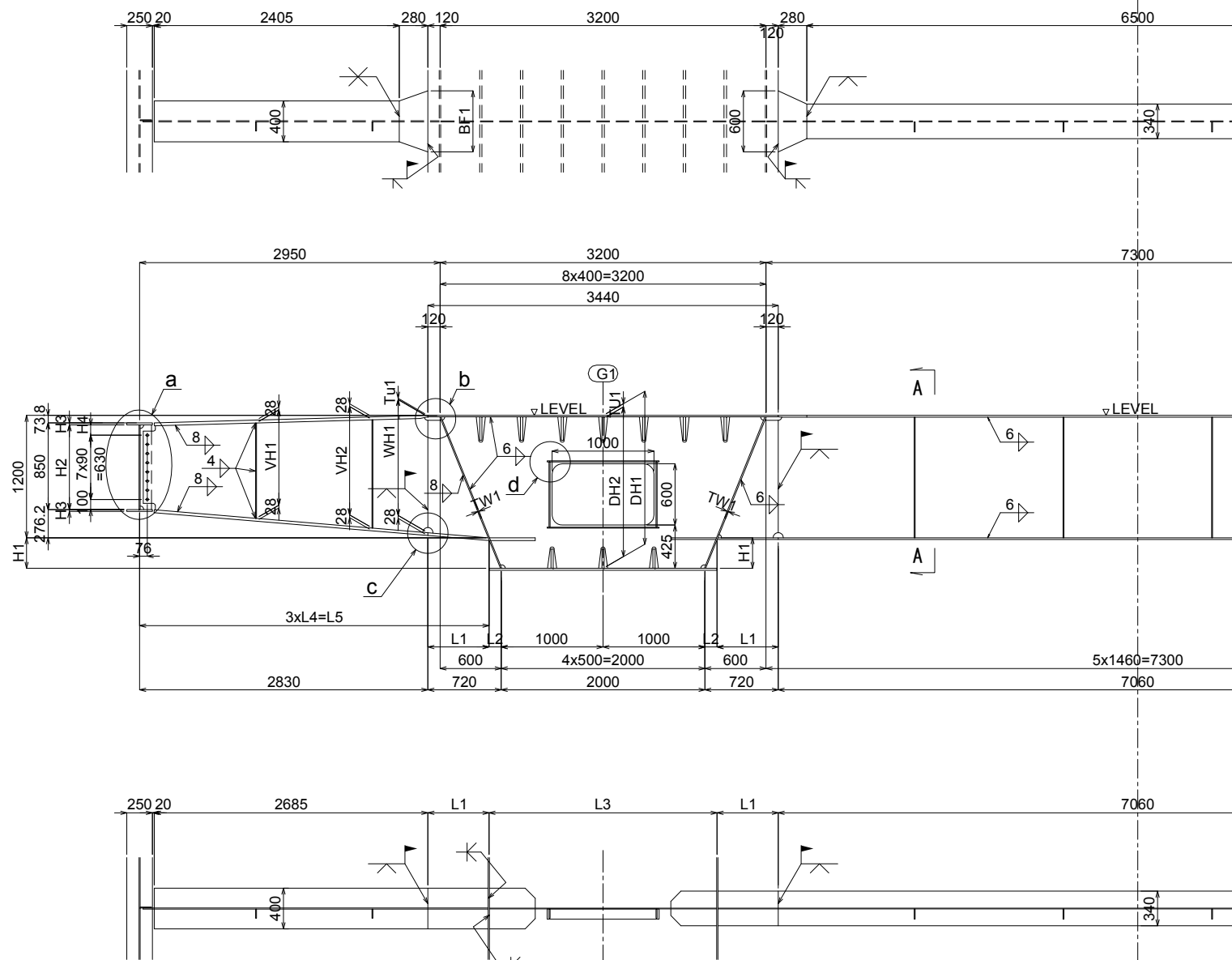
INGÉROSEC CORPORATION

ÉCOLE DE POLICE
 POUTRE DE TABLIER ET DIAPHRAGME SUR PILES - (2)
 INTERMEDIATE FLOOR BEAM AND DIAPHRAGM ON THE PIER -(2)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File:
Émetteur / Issuer	Localisation / Location	Type de ouvrage - Activité / Type of structure - Activity
OCG,ISEC	BFM	PONT
		DESSINS
		N° / No.
		H-EP-TA-050
		Indice / Index
		A

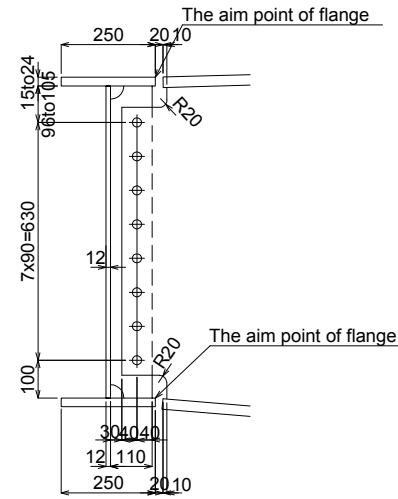
A-TYPE A1 1:30, A3 1:60
C1, C4 to C8, C10, C14, C15, C17, C20 to C22, C25



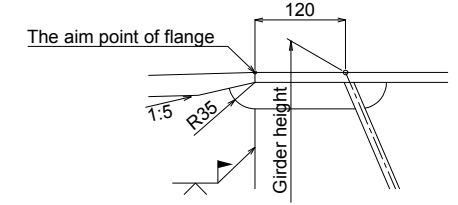
- 1-UFLG PL 400x28x2406(SM490YB)
- 1-WEB PL WH1x11x2794(SM490YA)
- 1-LFLG PL 400x28xLF1(SM490YB)
- 1-VSTF PL 90x9xVH1
- 1-VSTF PL 90x9xVH2
- 8-TCB M22x55(S10T)
- 1-DIA PL DH3x9x3190
- 2-PL 100x10x1100
- 2-PL 90x10x640
- 2-PL 196x28x450(SM490YB)
- 2-PL 166x17x450
- 1-UFLG PL BF1x28x280(SM490YB)
- 1-WEB PL WH2x11xWL1(SM490YA)
- 1-LFLG PL 400x28xLF2(SM490YB)
- 1-UFLG PL 600x17x280
- 1-WEB PL WH2x9xWL2
- 1-LFLG PL 340x17xLF3
- 1-UFLG PL 340x17x7060
- 1-WEB PL 1183x9x7060
- 1-LFLG PL 340x17x7060
- 4-VSTF PL 100x9x1183
- 4-PL 100x9x120

NOTES
 1. All materials shall be SM400A unless otherwise noted.
 2. Scallop shall be 35R unless otherwise noted.
 3. ϕ shows "Twist-off-type tension control bolts" M22(S10T)
 4. Refer to the Intermediate floor beam and Diaphragm(3/3) for the dimensional table.

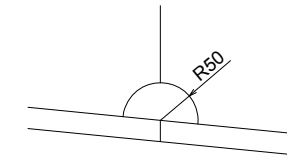
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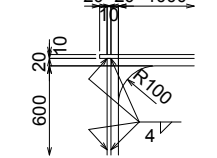
"b"DETAIL A1 1:5, A3 1:10



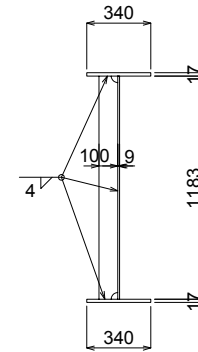
"c"DETAIL A1 1:5, A3 1:10



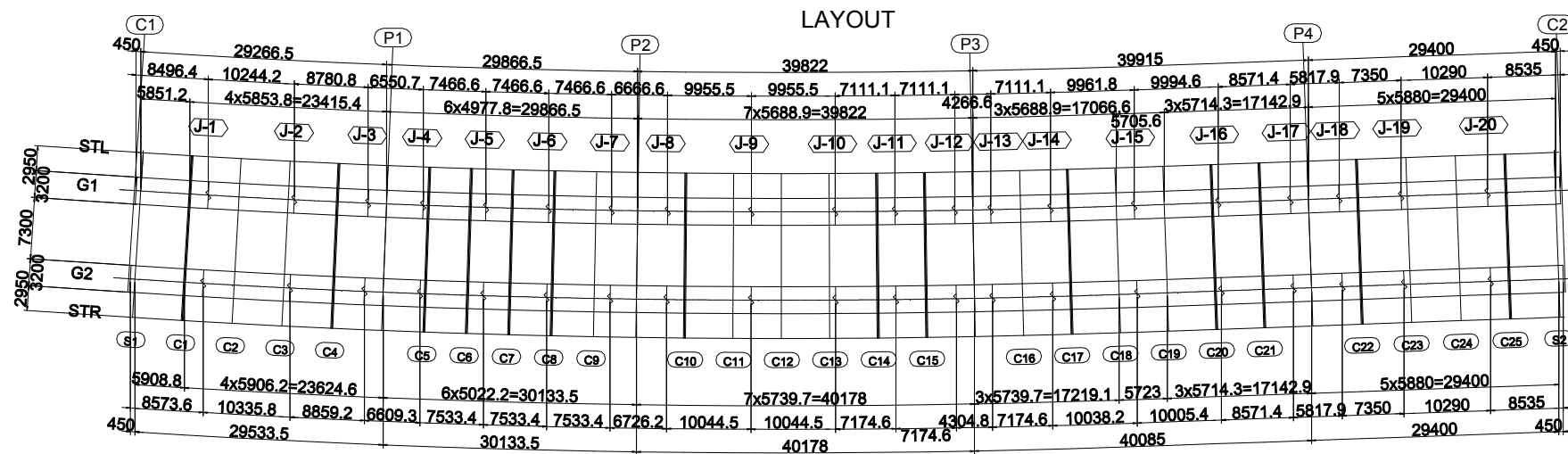
"d"DETAIL A1 1:10, A3 1:20



A-A A1 1:20, A3 1:40



LAYOUT



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
 Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
 / JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



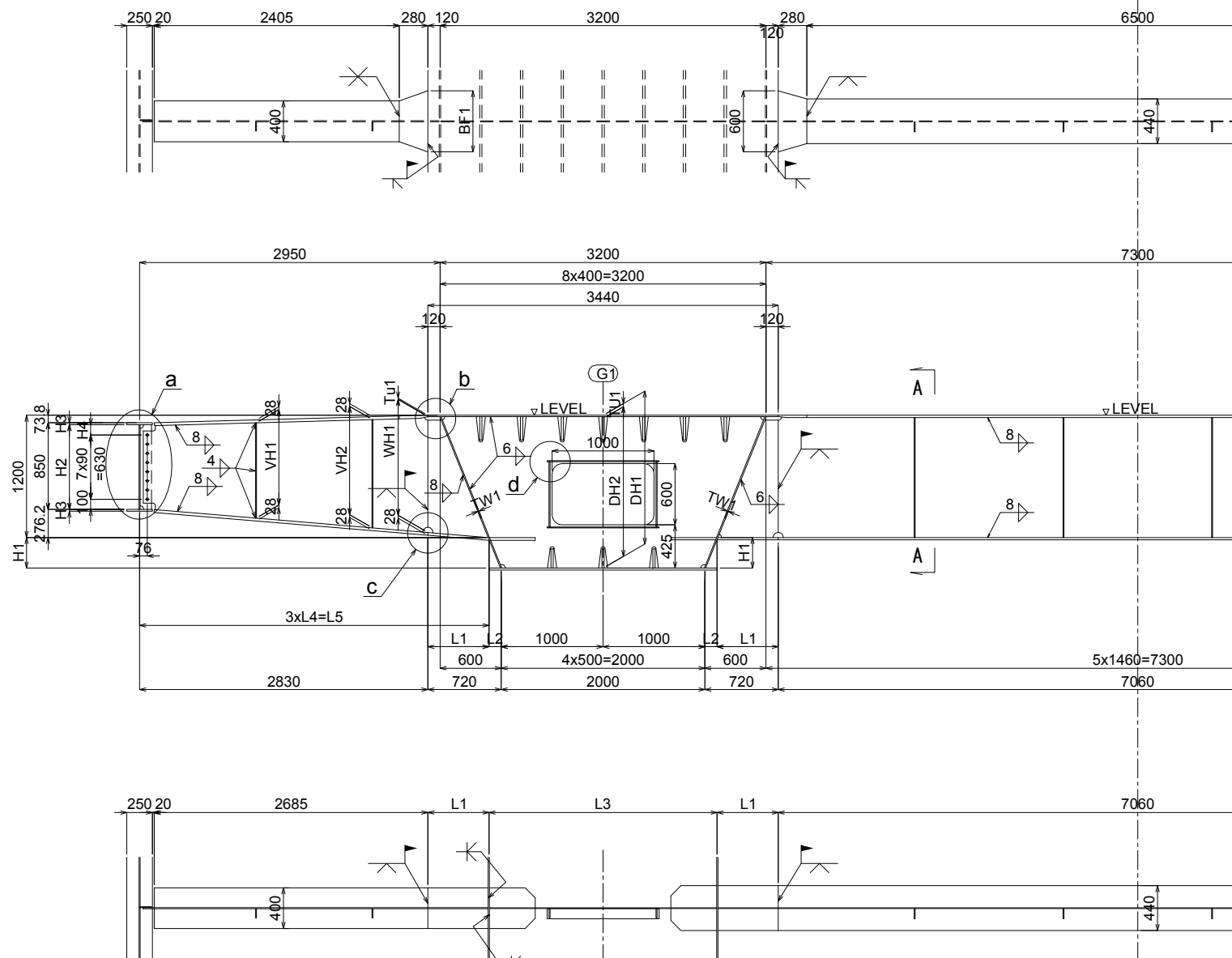
INGÉROSEC CORPORATION

ÉCOLE DE POLICE
 POUTRE DE TABLIER ET DIAPHRAGME INTERMEDIAIRES - (1)
 INTERMEDIATE FLOOR BEAM AND DIAPHRAGM (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCG, ISEC	BFM	PONT	DESSINS	H-EP-TA-051	A

B-TYPE A1 1:30, A3 1:60
C2, C3, C9, C11 to C13, C16, C18, C19, C23, C24



1-UFLG PL 400x28x2406(SM490YB)
1-WEB PL WH1x11x2794(SM490YA)
1-LFLG PL 400x28xLF1(SM490YB)
1-VSTF PL 90x9xVH1
1-VSTF PL 90x9xVH2
8-TCB M22x55(S10T)

1-UFLG PL BF1x28x280(SM490YB)
1-WEB PL WH2x11xWL1(SM490YA)
1-LFLG PL 400x28xLF2(SM490YB)

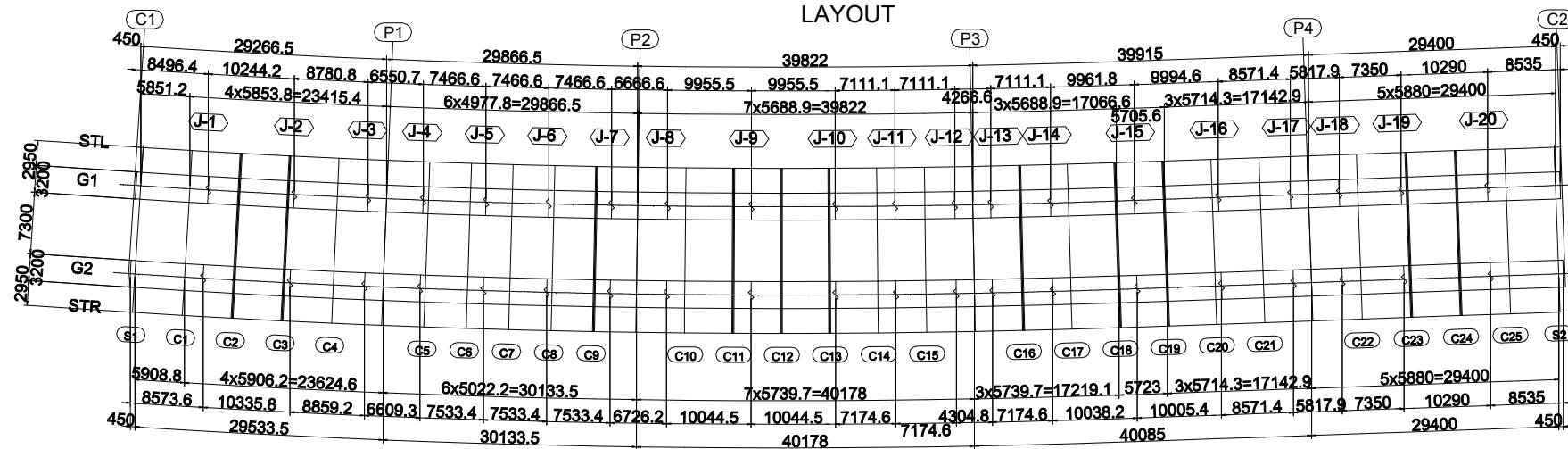
1-DIA PL DH3x9x3190
2-PL 100x10x1100
2-PL 90x10x640
2-PL 196x28x450(SM490YB)
2-PL 216x22x450

1-UFLG PL 600x22x280
1-WEB PL WH2x9xWL2
1-LFLG PL 440x22xLF3

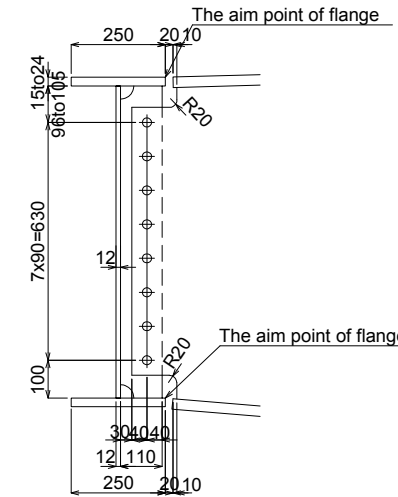
1-UFLG PL 440x22x7060
1-WEB PL 1178x9x7060
1-LFLG PL 440x22x7060
4-VSTF PL 100x9x1178
4-PL 100x9x120

NOTES
1. All materials shall be SM400A unless otherwise noted.
2. Scallop shall be 35R unless otherwise noted.
3. ϕ shows "Twist-off-type tension control bolts" M22(S10T)
4. Refer to the Intermediate floor beam and Diaphragm(3/3) for the dimensional table.

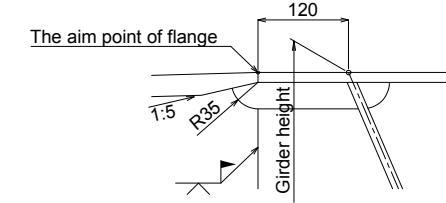
LAYOUT



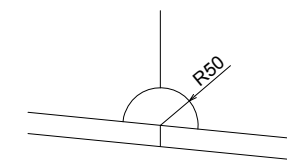
"a"DETAIL A1 1:10, A3 1:20



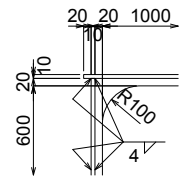
"b"DETAIL A1 1:5, A3 1:10



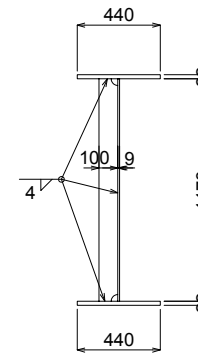
"c"DETAIL A1 1:5, A3 1:10



"d"DETAIL A1 1:10, A3 1:20



A-A A1 1:20, A3 1:40



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



INGÉROSEC CORPORATION

ÉCOLE DE POLICE
POUTRE DE TABLIER ET DIAPHRAGME INTERMÉDIAIRES - (2)
INTERMEDIATE FLOOR BEAM AND DIAPHRAGM (2)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT
Format	A3	Fichier / File :		Type de document / Type of document	N° / No.	Indice / Index
OCG, ISEC	BFM	PONT		DESSINS	H-EP-TA-052	A

C1 to C25

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13
DH1	1505.3	1545.4	1624.9	1743.8	1719.0	1537.3	1499.9	1532.9	1693.4	1731.3	1571.0	1502.7	1502.7
DH2	1489.3	1526.4	1605.9	1731.8	1708.0	1526.3	1487.9	1519.9	1680.4	1717.3	1557.0	1485.7	1485.7
DH3	1489	1526	1606	1732	1708	1526	1488	1520	1680	1717	1557	1486	1486
TU1	16	19	19	12	11	11	12	13	13	14	14	17	17
TW1	14	12	12	14	12	12	12	14	14	14	14	15	15
H1	305.3	345.4	424.9	543.8	519.0	337.3	299.9	332.9	493.4	531.3	371.0	302.7	302.7
H2	826	829	829	829	835	835	835	835	835	829	829	829	829
H3	24	21	21	21	15	15	15	15	15	21	21	21	21
H4	96	99	99	99	105	105	105	105	105	99	99	99	99
L1	598.3	585.9	563.1	532.9	538.8	588.4	600.0	589.7	545.2	535.9	578.3	599.1	599.1
L2	121.7	134.1	156.9	187.1	181.2	131.6	120.0	130.3	174.8	184.1	141.7	120.9	120.9
L3	2243.4	2268.2	2313.8	2374.2	2362.3	2263.3	2240.0	2260.6	2349.7	2368.2	2283.4	2241.8	2241.8
L4	1142.8	1138.6	1131.0	1121.0	1122.9	1139.5	1143.3	1139.9	1125.1	1122.0	1136.1	1143.0	1143.0
L5	3428.3	3415.9	3393.1	3362.9	3368.8	3418.4	3430.0	3419.7	3375.2	3365.9	3408.3	3429.1	3429.1
BF1	960	960	800	800	800	960	960	800	800	600	960	960	960
WH1	1134	1132	1133	1143	1143	1140	1138	1138	1141	1140	1137	1133	1133
WH2	1149	1146	1146	1153	1154	1154	1153	1152	1152	1151	1151	1148	1148
WL1	589	579	556	524	532	581	593	581	536	527	569	589	589
WL2	589	579	556	524	532	581	593	581	536	527	569	589	589
LF1	2694	2694	2695	2695	2695	2694	2694	2694	2695	2695	2694	2694	2694
LF2	591	581	558	526	534	583	595	583	538	529	571	591	591
LF3	589	579	556	524	532	581	593	581	536	527	569	589	589
VH1	935	935	934	934	934	935	935	935	934	934	935	935	935
VH2	1062	1061	1061	1060	1060	1061	1062	1061	1061	1060	1061	1062	1062

	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
DH1	1573.8	1740.3	1709.6	1564.4	1502.5	1502.7	1579.3	1760.8	1726.0	1615.3	1541.6	1504.6
DH2	1560.8	1725.3	1694.6	1548.4	1486.5	1486.7	1563.3	1748.8	1714.0	1598.3	1524.6	1488.6
DH3	1561	1725	1695	1548	1487	1487	1563	1749	1714	1598	1525	1489
TU1	13	15	15	16	16	16	16	12	12	17	17	16
TW1	15	20	20	14	14	14	14	16	14	12	12	13
H1	373.8	540.3	509.6	364.4	302.5	302.7	379.3	560.8	526.0	415.3	341.6	304.6
H2	829	829	829	829	829	829	829	829	829	829	829	829
H3	21	21	21	21	21	21	21	21	21	21	21	21
H4	99	99	99	99	99	99	99	99	99	99	99	99
L1	577.5	533.7	541.2	580.2	599.2	599.1	575.9	528.9	537.2	565.7	587.1	598.5
L2	142.5	186.3	178.8	139.8	120.8	120.9	144.1	191.1	182.8	154.3	132.9	121.5
L3	2285.0	2372.5	2357.7	2279.5	2241.6	2241.8	2288.2	2382.2	2365.7	2308.5	2265.9	2242.9
L4	1135.8	1121.2	1123.7	1136.7	1143.1	1143.0	1135.3	1119.6	1122.4	1131.9	1139.0	1142.8
L5	3407.5	3363.7	3371.2	3410.2	3429.2	3429.1	3405.9	3358.9	3367.2	3395.7	3417.1	3428.5
BF1	960	600	600	800	800	960	800	800	800	800	960	960
WH1	1138	1139	1139	1135	1134	1134	1136	1143	1142	1135	1134	1134
WH2	1152	1150	1150	1149	1149	1149	1149	1153	1153	1148	1148	1149
WL1	567	519	526	571	590	590	567	518	528	559	580	591
WL2	567	519	526	571	590	590	567	518	528	559	580	591
LF1	2694	2695	2695	2694	2694	2694	2694	2695	2695	2695	2694	2694
LF2	569	521	528	573	592	592	569	520	530	561	582	593
LF3	567	519	526	571	590	590	567	518	528	559	580	591
VH1	935	934	934	935	935	935	935	934	934	935	935	935
VH2	1061	1060	1060	1061	1062	1062	1061	1060	1060	1061	1061	1062

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



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AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
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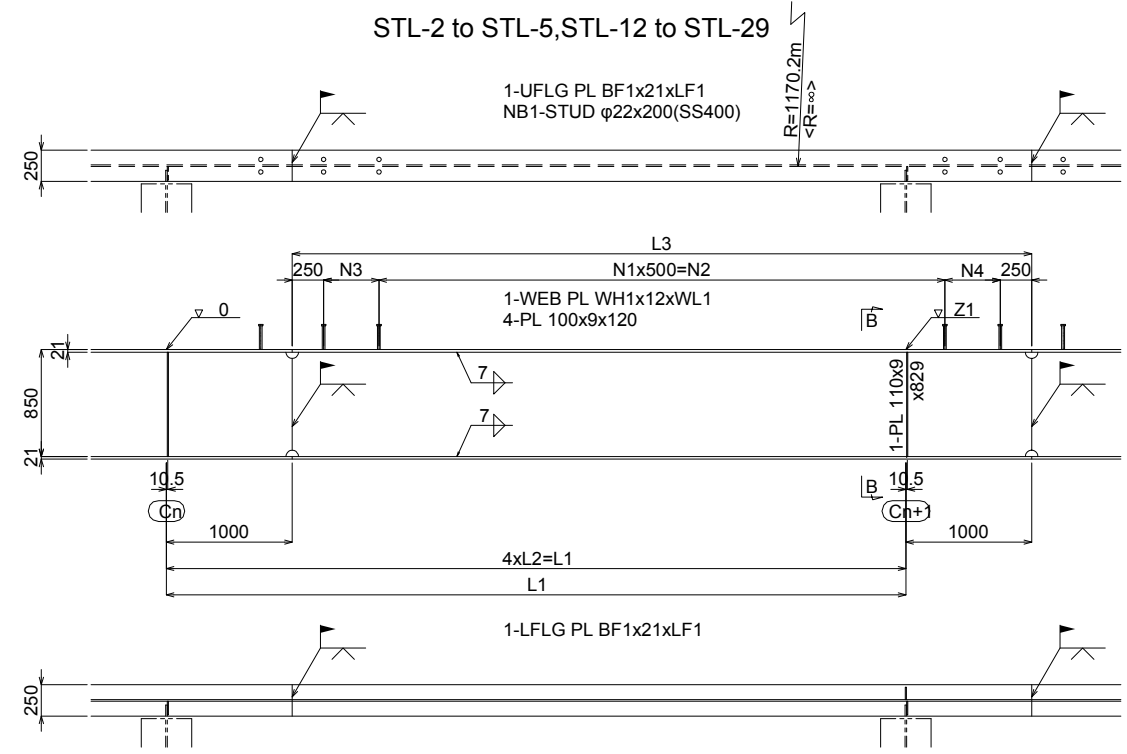
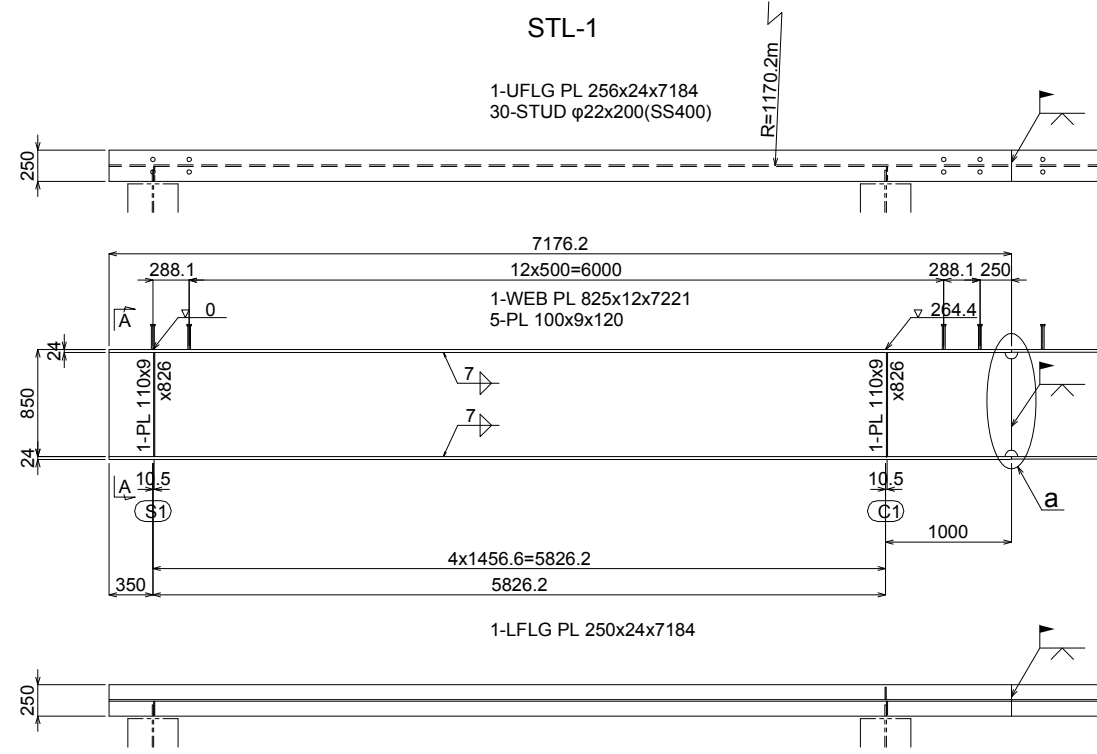
ORIENTAL CONSULTANTS GLOBAL CO., LTD.
INGÉROSEC CORPORATION

ÉCOLE DE POLICE
POUTRE DE TABLIER ET DIAPHRAGME INTERMÉDIAIRES - (3)
INTERMEDIATE FLOOR BEAM AND DIAPHRAGM (3)

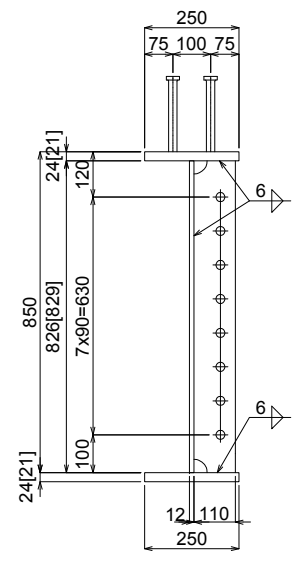
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A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

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OCG, ISEC	BFM	PONT	DESSINS
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			H-EP-TA-053
			Indice / Index
			A

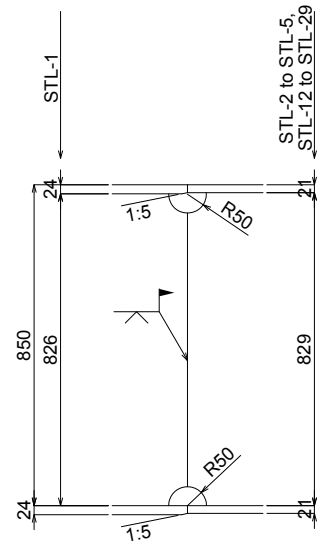
STL(1/3) A1 1:30,A3 1:60



A-A[B-B] A1 1:10,A3 1:20

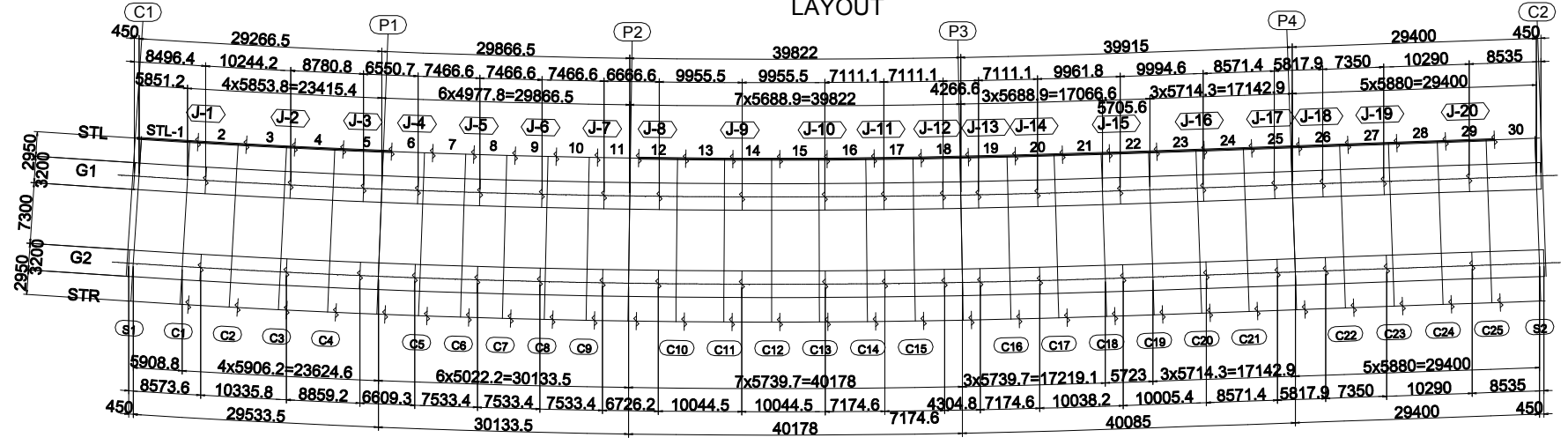


"a"DETAIL A1 1:10,A3 1:20



- NOTES
1. All materials shall be SM400A unless otherwise noted.
 2. Scallop shall be 35R unless otherwise noted.
 3. φ shows "Twist-off-type tension control bolts" M22(S10T)
 4. Refer to the Side girder(3/6) for the dimensional table.
 5. < > Internal dimensions indicate STL-21to29

LAYOUT



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

REPUBLIQUE DE COTE D'IVOIRE
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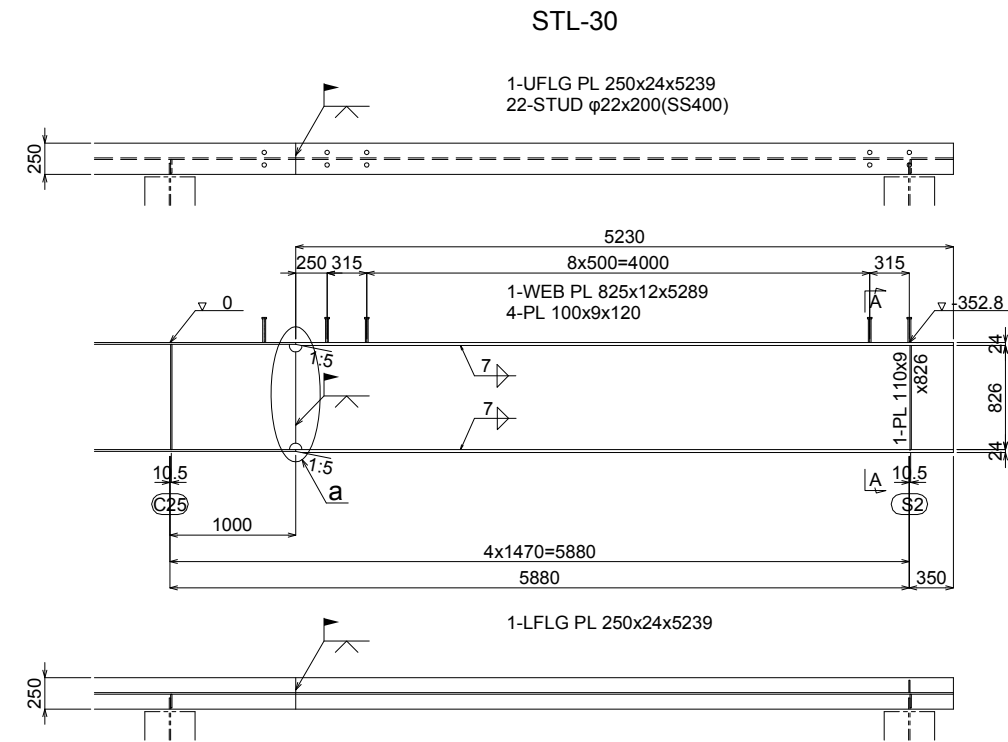
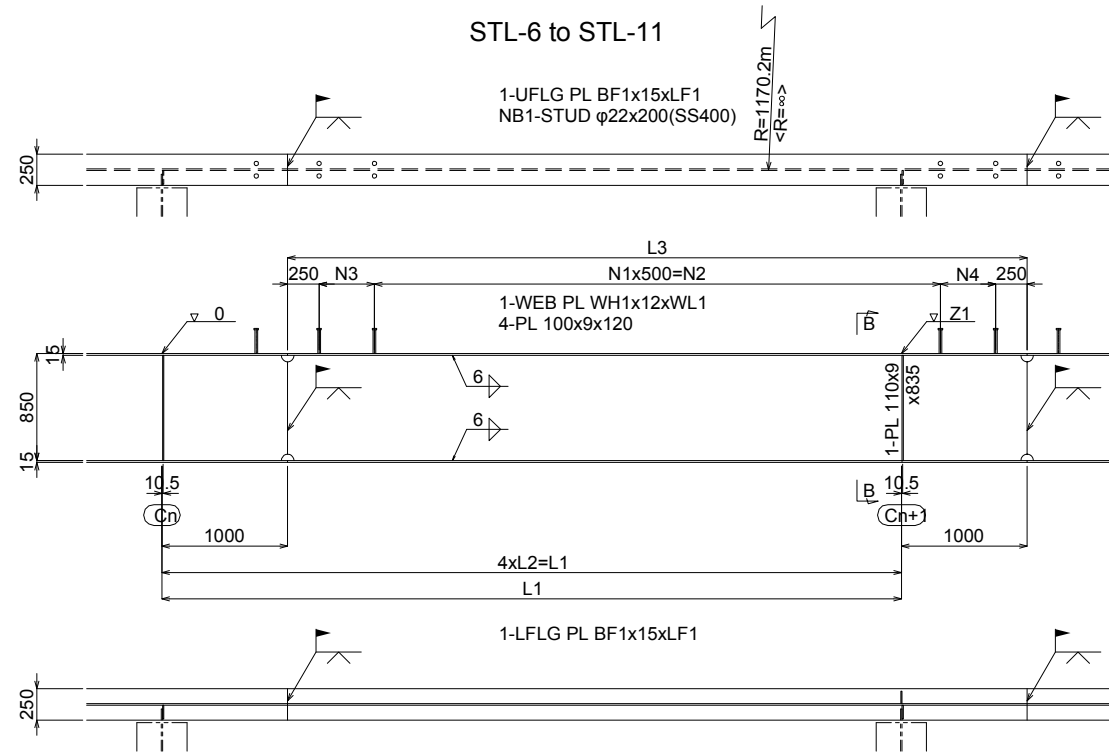
ORIENTAL CONSULTANTS GLOBAL CO., LTD.

INGÉROSEC CORPORATION

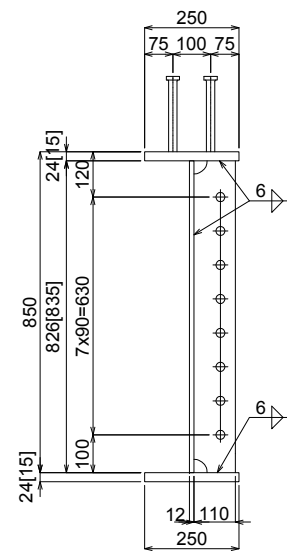
**ÉCOLE DE POLICE LONGERON (1)
SIDE STRINGER (1)**

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

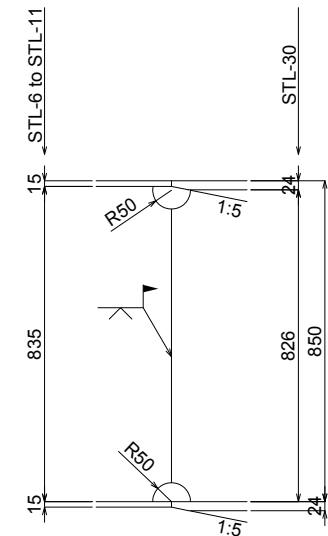
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			OCG,ISEC	BFM	PONT	DESSINS	H-EP-TA-054	A



A-A[B-B] A1 1:10, A3 1:20

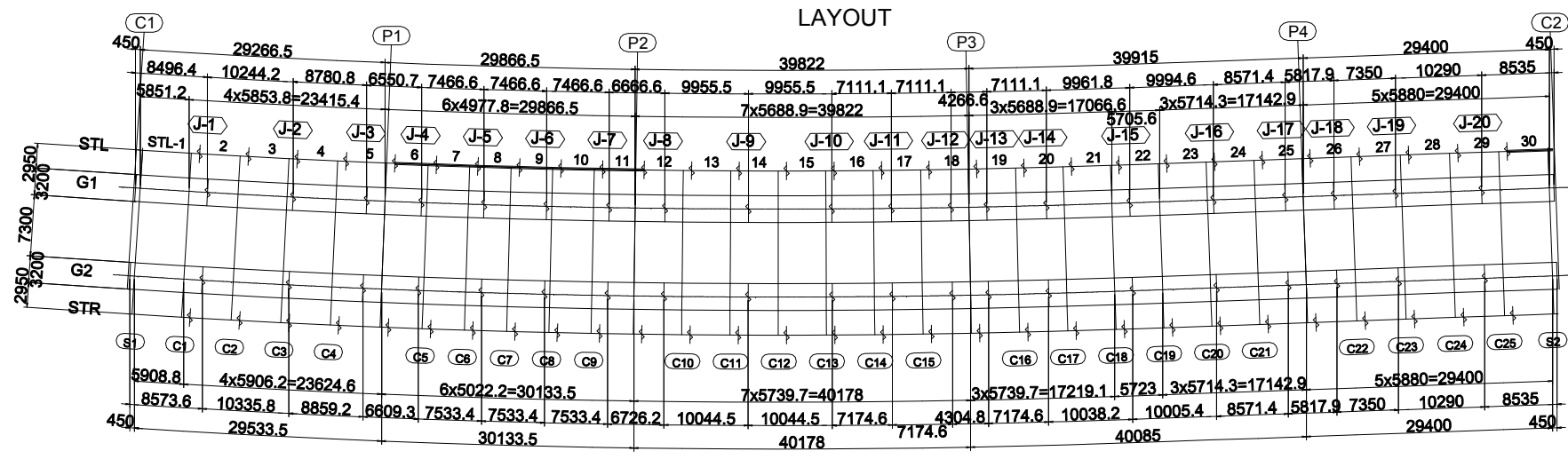


"a"DETAIL A1 1:10, A3 1:20



- NOTES
1. All materials shall be SM400A unless otherwise noted.
 2. Scallop shall be 35R unless otherwise noted.
 3. φ shows "Twist-off-type tension control bolts" M22(S10T)
 4. Refer to the Side girder(3/6) for the dimensional table.

LAYOUT



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

REPUBLIQUE DE COTE D'IVOIRE
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AGENCE DE GESTION DES ROUTES

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ÉCOLE DE POLICE LONGERON (2)
SIDE STRINGER (2)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
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Format	A3	Fichier / File	Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
			OCG, ISEC	BFM	PONT	DESSINS	H-EP-TA-055	A

STL(3/3)

	STL-2	STL-3	STL-4	STL-5	STL-6	STL-7	STL-8	STL-9	STL-10	STL-11	STL-12	STL-13	STL-14	STL-15
Cn	C1	C2	C3	C4	P1	C5	C6	C7	C8	C9	P2	C10	C11	C12
Cn+1	C2	C3	C4	P1	C5	C6	C7	C8	C9	C10	C11	C12	C13	
L1	5831.2	5831.2	5831.2	5831.2	4958.5	4958.5	4958.5	4958.5	4958.5	4958.5	5666.8	5666.8	5666.8	5666.8
L2	1457.8	1457.8	1457.8	1457.8	1239.6	1239.6	1239.6	1239.6	1239.6	1239.6	1416.7	1416.7	1416.7	1416.7
L3	5831.2	5831.2	5831.2	5831.2	4958.5	4958.5	4958.5	4958.5	4958.5	4958.5	5666.8	5666.8	5666.8	5666.8
Z	241.8	219.0	196.1	173.3	129.4	112.9	96.4	79.8	63.3	46.8	33.3	11.7	-9.9	-31.4
BF1	253	253	253	253	252	252	252	252	252	252	253	253	253	253
LF1	5836	5835	5834	5834	4960	4960	4959	4959	4959	4959	5667	5667	5667	5667
WH1	828	828	829	829	835	835	835	835	835	835	829	829	829	829
WL1	5871	5866	5862	5858	4982	4979	4976	4973	4970	4967	5672	5669	5668	5671
N1	9	9	9	9	7	7	7	7	7	7	9	9	9	9
N2	4500	4500	4500	4500	3500	3500	3500	3500	3500	3500	4500	4500	4500	4500
N3	415.6	415.6	415.6	415.6	479.3	479.3	479.3	479.3	479.3	479.3	333.4	333.4	333.4	333.4
N4	415.6	415.6	415.6	415.6	479.3	479.3	479.3	479.3	479.3	479.3	333.4	333.4	333.4	333.4
NB1	24	24	24	24	20	20	20	20	20	20	24	24	24	24

	STL-16	STL-17	STL-18	STL-19	STL-20	STL-21	STL-22	STL-23	STL-24	STL-25	STL-26	STL-27	STL-28	STL-29
Cn	C13	C14	C15	P3	C16	C17	C18	C19	C20	C21	P4	C22	C23	C24
Cn+1	C14	C15	P3	C16	C17	C18	C19	C20	C21	P4	C22	C23	C24	C25
L1	5666.8	5666.8	5666.8	5666.8	5666.8	5666.8	5698.0	5714.3	5714.3	5714.3	5880.0	5880.0	5880.0	5880.0
L2	1416.7	1416.7	1416.7	1416.7	1416.7	1416.7	1424.5	1428.6	1428.6	1428.6	1470.0	1470.0	1470.0	1470.0
L3	5666.8	5666.8	5666.8	5666.8	5666.8	5666.8	5698.0	5714.3	5714.3	5714.3	5880.0	5880.0	5880.0	5880.0
Z	-53.0	-74.6	-96.1	-117.7	-139.3	-160.9	-182.4	-204.0	-225.6	-247.1	-276.8	-299.7	-322.5	-345.0
BF1	253	253	253	253	253	253	250	250	250	250	250	250	250	250
LF1	5667	5667	5668	5668	5669	5669	5701	5718	5719	5720	5887	5888	5889	5890
WH1	829	829	829	829	829	829	829	828	828	828	828	828	828	828
WL1	5675	5678	5682	5685	5689	5693	5727	5748	5751	5755	5925	5930	5934	5939
N1	9	9	9	9	9	9	9	9	9	9	9	9	9	9
N2	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500
N3	333.4	333.4	333.4	333.4	333.4	333.4	349.0	357.2	357.2	357.2	440.0	440.0	440.0	440.0
N4	333.4	333.4	333.4	333.4	333.4	333.4	349.0	357.2	357.2	357.2	440.0	440.0	440.0	440.0
NB1	24	24	24	24	24	24	24	24	24	24	24	24	24	24

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



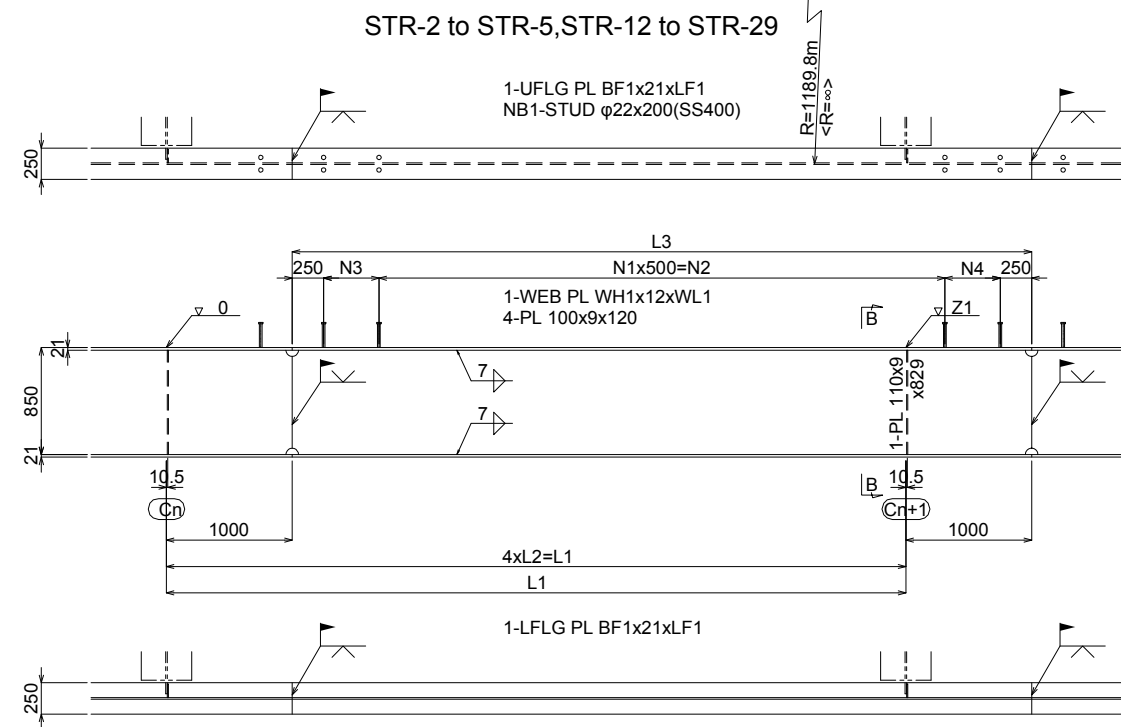
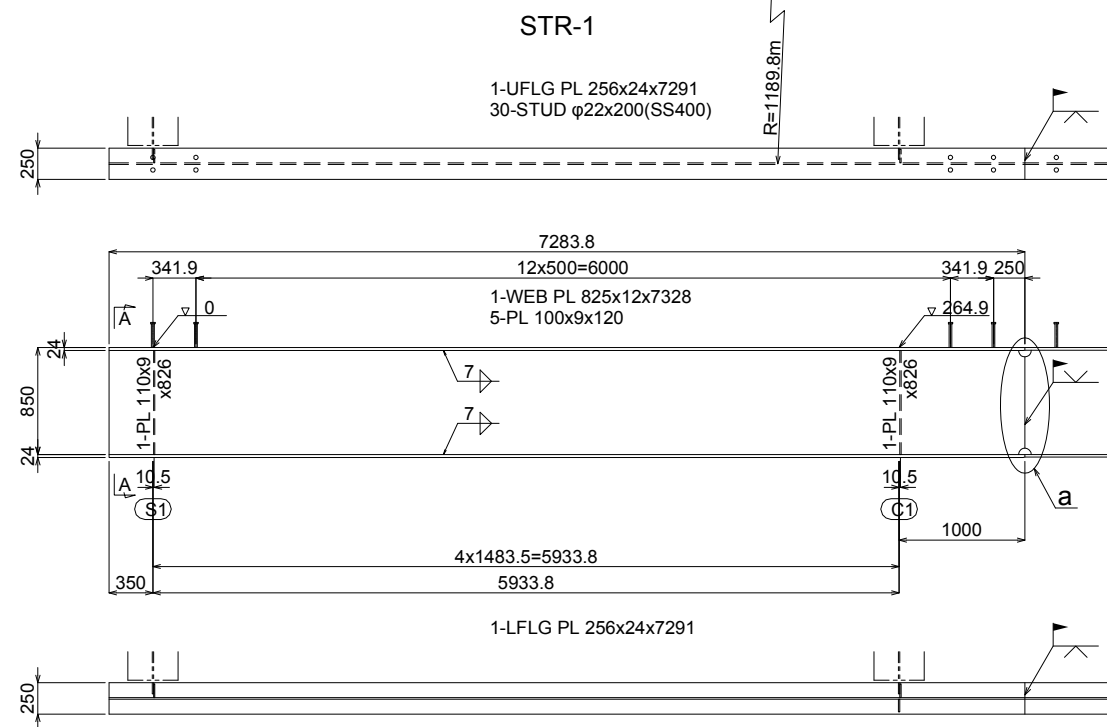
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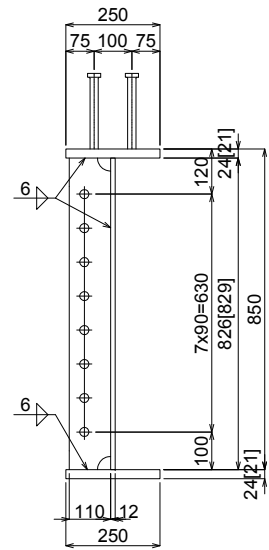
INGÉROSEC CORPORATION

ÉCOLE DE POLICE
LONGERON (3)
SIDE STRINGER (3)

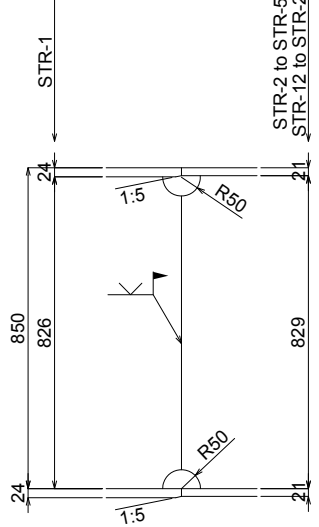
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OCG,ISEC	BFM	PONT	DESSINS	H-EP-TA-056	A	



A-A[B-B] A1 1:10,A3 1:20



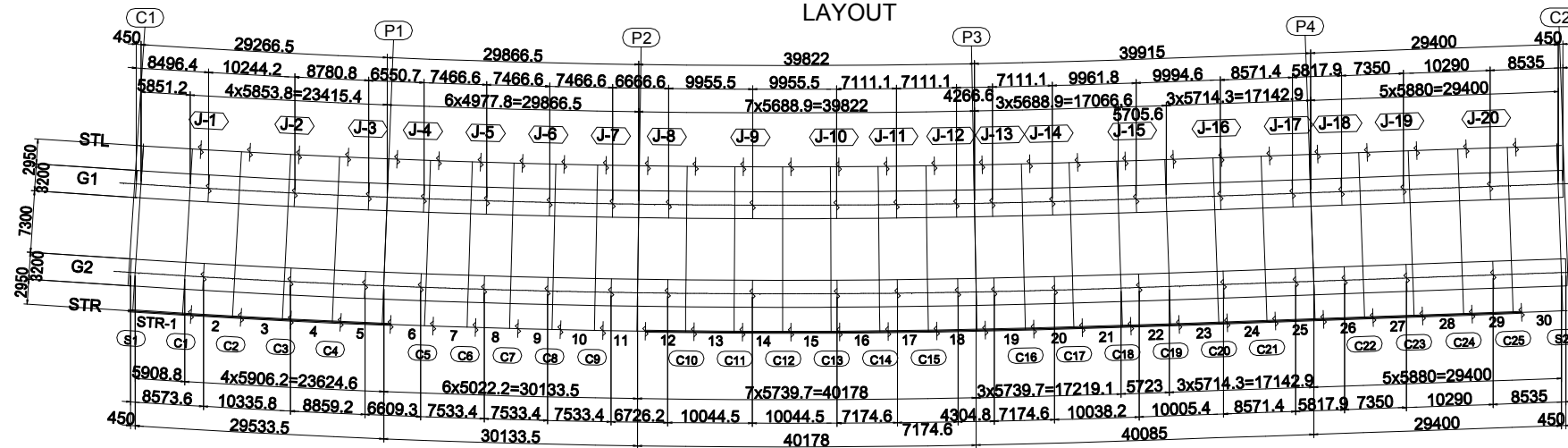
"a"DETAIL A1 1:10,A3 1:20



NOTES

1. All materials shall be SM400A unless otherwise noted.
2. Scallop shall be 35R unless otherwise noted.
3. φ shows "Twist-off-type tension control bolts" M22(S10T)
4. Refer to the Side girder(6/6) for the dimensional table.
5. < > Internal dimensions indicate STR-21to29

LAYOUT



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
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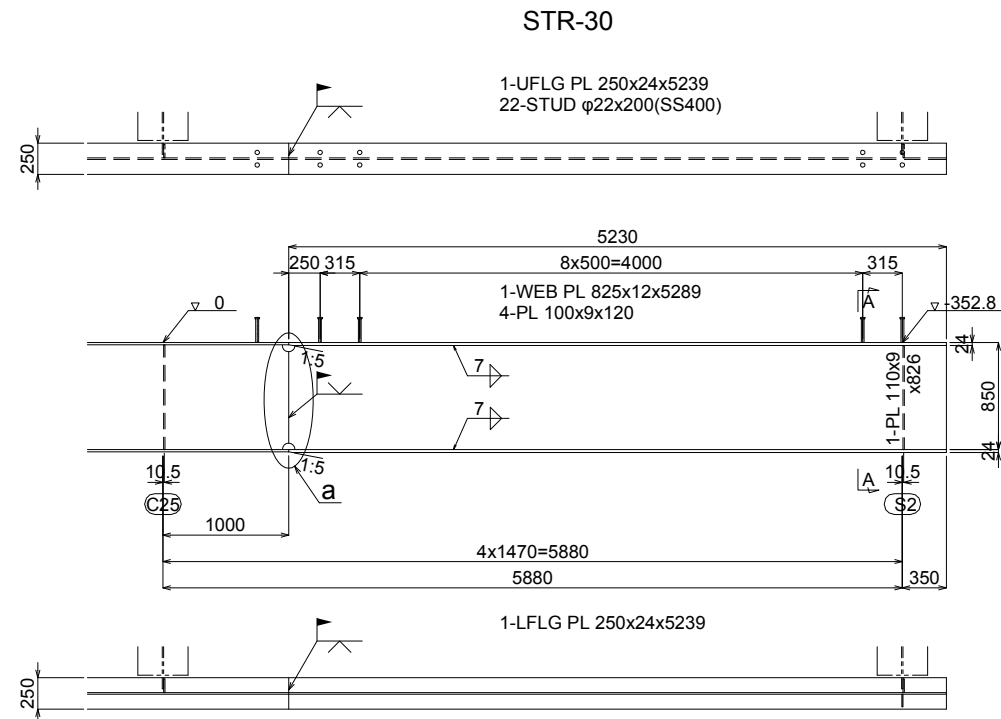
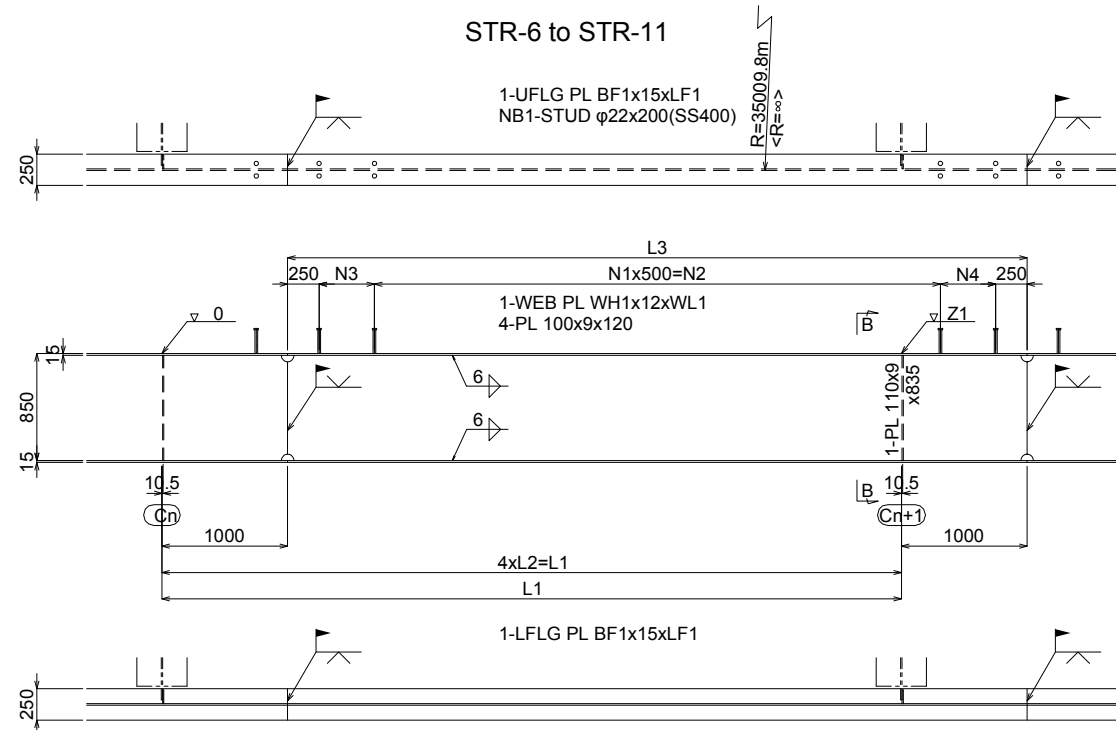


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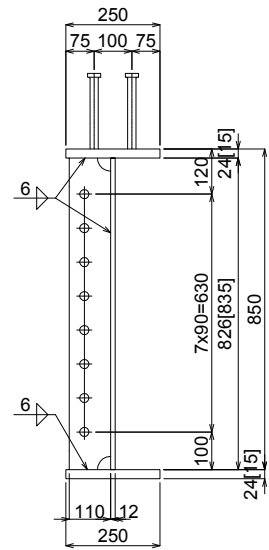
ÉCOLE DE POLICE
LONGERON (4)
SIDE STRINGER (4)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

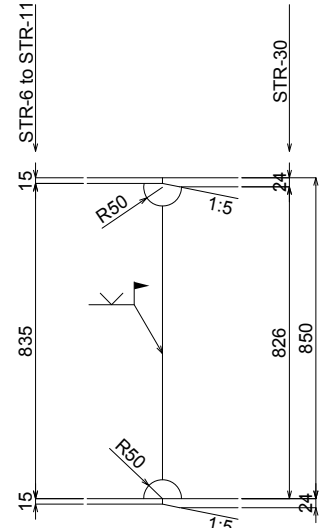
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OCG,ISEC	BFM	PONT	DESSINS	H-EP-TA-057	A



A-A[B-B] A1 1:10,A3 1:20



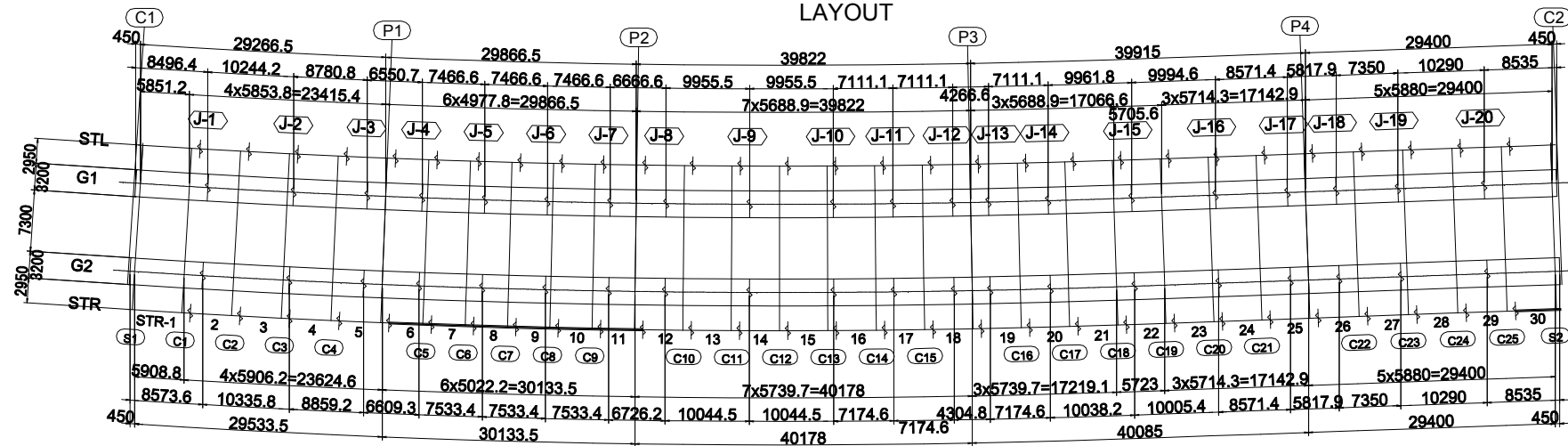
"a"DETAIL A1 1:10,A3 1:20



NOTES

1. All materials shall be SM400A unless otherwise noted.
2. Scallop shall be 35R unless otherwise noted.
3. φ shows "Twist-off-type tension control bolts" M22(S10T)
4. Refer to the Side girder(6/6) for the dimensional table.

LAYOUT



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



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ÉCOLE DE POLICE
LONGERON (5)
SIDE STRINGER (5)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
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Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCG, ISEC	BFM	PONT	DESSINS	H-EP-TA-058	A

STR(3/3)

	STR-2	STR-3	STR-4	STR-5	STR-6	STR-7	STR-8	STR-9	STR-10	STR-11	STR-12	STR-13	STR-14	STR-15
Cn	C1	C2	C3	C4	P1	C5	C6	C7	C8	C9	P2	C10	C11	C12
Cn+1	C2	C3	C4	P1	C5	C6	C7	C8	C9	P2	C10	C11	C12	C13
L1	5928.8	5928.8	5928.8	5928.8	5041.5	5041.5	5041.5	5041.5	5041.5	5041.5	5761.7	5761.7	5761.7	5761.7
L2	1482.2	1482.2	1482.2	1482.2	1260.4	1260.4	1260.4	1260.4	1260.4	1260.4	1440.4	1440.4	1440.4	1440.4
L3	5928.8	5928.8	5928.8	5928.8	5041.5	5041.5	5041.5	5041.5	5041.5	5041.5	5761.7	5761.7	5761.7	5761.7
Z	241.8	219.0	196.1	173.3	129.4	112.9	96.4	79.8	63.3	46.8	33.3	11.7	-9.9	-31.4
BF1	253	253	253	253	252	252	252	252	252	252	253	253	253	253
LF1	5934	5933	5932	5931	5043	5043	5042	5042	5042	5042	5762	5762	5762	5762
WH1	828	828	829	829	835	835	835	835	835	835	829	829	829	829
WL1	5968	5963	5959	5956	5065	5061	5058	5055	5052	5049	5767	5763	5763	5766
N1	9	9	9	9	8	8	8	8	8	8	9	9	9	9
N2	4500	4500	4500	4500	4000	4000	4000	4000	4000	4000	4500	4500	4500	4500
N3	464.4	464.4	464.4	464.4	270.8	270.8	270.8	270.8	270.8	270.8	380.9	380.9	380.9	380.9
N4	464.4	464.4	464.4	464.4	270.8	270.8	270.8	270.8	270.8	270.8	380.9	380.9	380.9	380.9
NB1	24	24	24	24	22	22	22	22	22	22	24	24	24	24

	STR-16	STR-17	STR-18	STR-19	STR-20	STR-21	STR-22	STR-23	STR-24	STR-25	STR-26	STR-27	STR-28	STR-29
Cn	C13	C14	C15	P3	C16	C17	C18	C19	C20	C21	P4	C22	C23	C24
Cn+1	C14	C15	P3	C16	C17	C18	C19	C20	C21	P4	C22	C23	C24	C25
L1	5761.7	5761.7	5761.7	5761.7	5761.7	5761.7	5730.5	5714.3	5714.3	5714.3	5880.0	5880.0	5880.0	5880.0
L2	1440.4	1440.4	1440.4	1440.4	1440.4	1440.4	1432.6	1428.6	1428.6	1428.6	1470.0	1470.0	1470.0	1470.0
L3	5761.7	5761.7	5761.7	5761.7	5761.7	5761.7	5730.5	5714.3	5714.3	5714.3	5880.0	5880.0	5880.0	5880.0
Z	-53.0	-74.6	-96.1	-117.7	-139.3	-160.9	-182.4	-204.0	-225.6	-247.1	-276.8	-299.7	-322.5	-345.0
BF1	253	253	253	253	253	253	250	250	250	250	250	250	250	250
LF1	5762	5762	5763	5763	5763	5764	5733	5718	5719	5720	5887	5888	5889	5890
WH1	829	829	829	829	829	829	829	828	828	828	828	828	828	828
WL1	5770	5773	5776	5780	5783	5787	5760	5748	5751	5755	5925	5930	5934	5939
N1	9	9	9	9	9	9	9	9	9	9	9	9	9	9
N2	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500
N3	380.9	380.9	380.9	380.9	380.9	380.9	365.3	357.2	357.2	357.2	440.0	440.0	440.0	440.0
N4	380.9	380.9	380.9	380.9	380.9	380.9	365.3	357.2	357.2	357.2	440.0	440.0	440.0	440.0
NB1	24	24	24	24	24	24	24	24	24	24	24	24	24	24

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
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AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.
INGÉROSEC CORPORATION

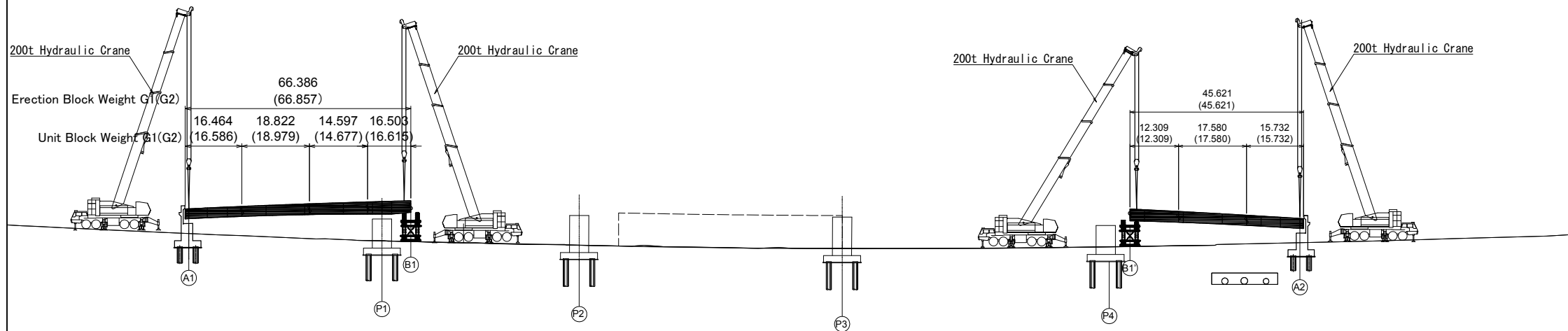
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LONGERON (6)
SIDE STRINGER (6)**

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

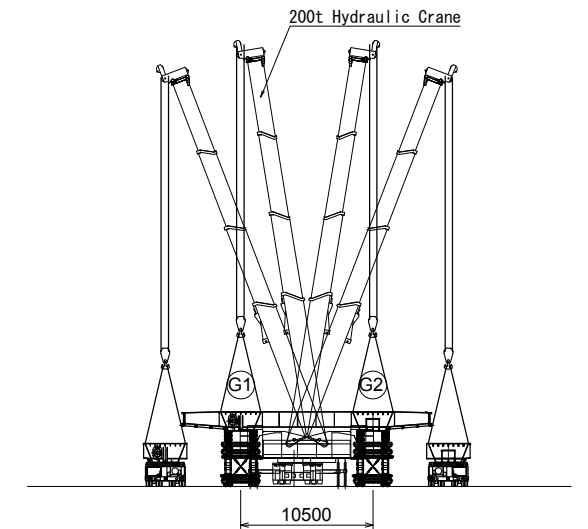
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OCG,ISEC	BFM	PONT	DESSINS	H-EP-TA-059	A

(STEP 1)

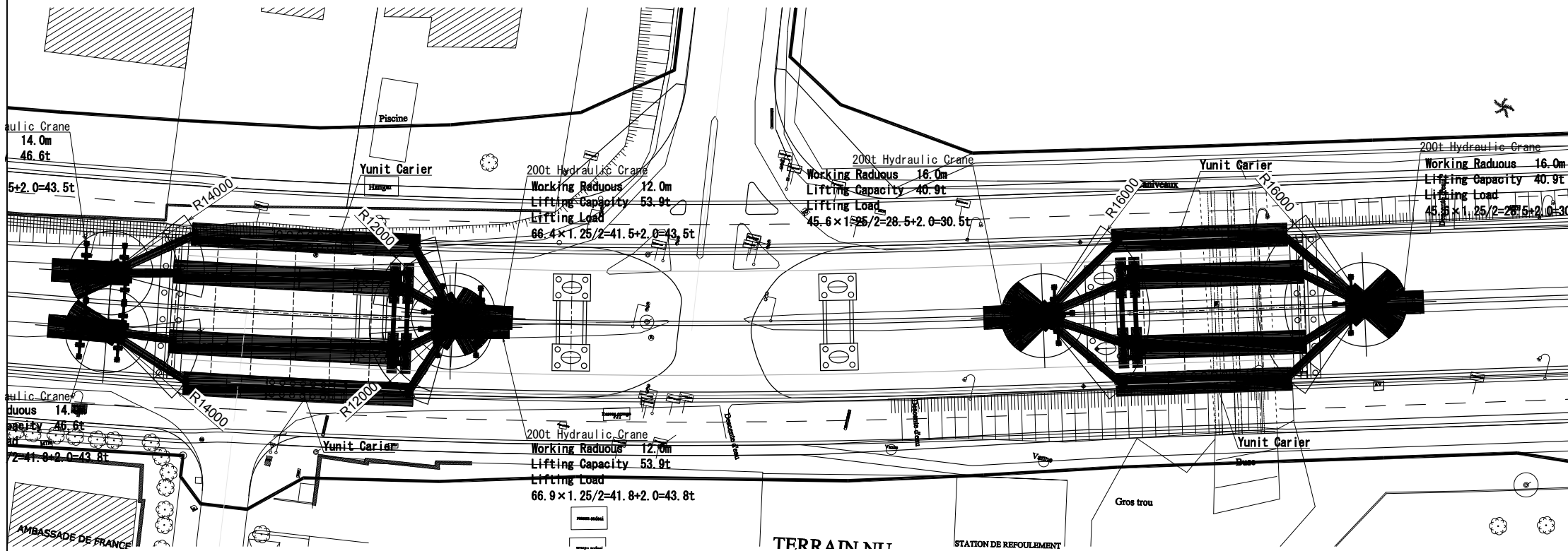
SIDE VIEW S=1:400



SECTION VIEW S=1:300



PLAN VIEW S=1:300



200t Crane Capacity table

ブーム長 作業半径	13.6m	18.1m	22.7m	31.8m	40.9m	45.5m	52.1m
3.0	200.0	120.0					
3.5	176.0	120.0					
4.0	158.0	120.0	120.0				
4.5	146.0	120.0	120.0				
5.0	135.0	120.0	120.0	62.0			
6.0	118.0	117.0	117.0	62.0			
7.0	104.0	103.0	103.0	62.0	50.0		
8.0	93.5	92.5	91.7	62.0	50.0	44.0	35.0
9.0	83.2	81.9	80.8	62.0	50.0	44.0	35.0
10.0	73.8	72.4	71.3	62.0	50.0	44.0	35.0
11.0		64.6	63.5	58.4	48.3	41.3	35.0
12.0		58.0	56.9	53.9	45.1	38.8	34.0
14.0		47.6	46.5	46.6	39.6	34.5	30.2
16.0		39.8	38.7	40.9	34.7	30.6	27.1
18.0			32.6	35.0	30.6	27.3	24.3
20.0			27.7	30.0	27.2	24.7	21.8
22.0				25.9	24.4	22.4	19.7
24.0				22.5	22.0	20.5	17.9

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN

REPUBLIQUE DE COTE D'IVOIRE
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AGENCE DE GESTION DES ROUTES

JICA AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY

ORIENTAL CONSULTANTS GLOBAL CO., LTD.

INGÉROSEC CORPORATION

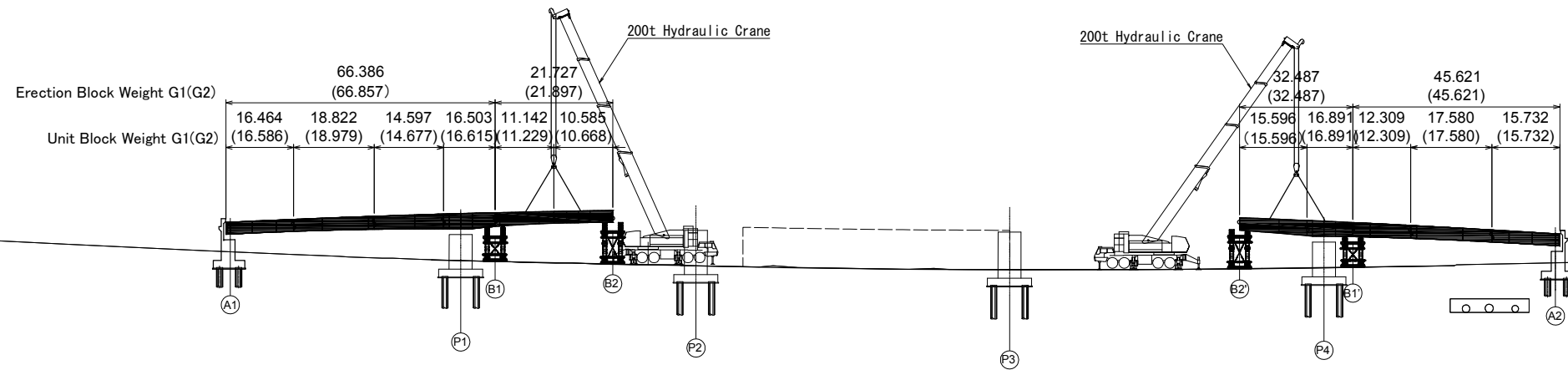
**ÉCOLE DE POLICE
PLAN D'ÉRECTION - (1)
ERECTION PLAN (1)**

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

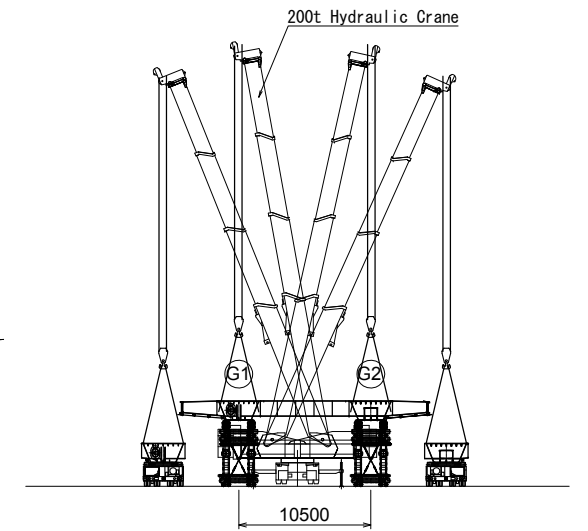
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OCG,ISEC	BFM	PONT	DESSINS	H-EP-TA-062	A	

(STEP 2)

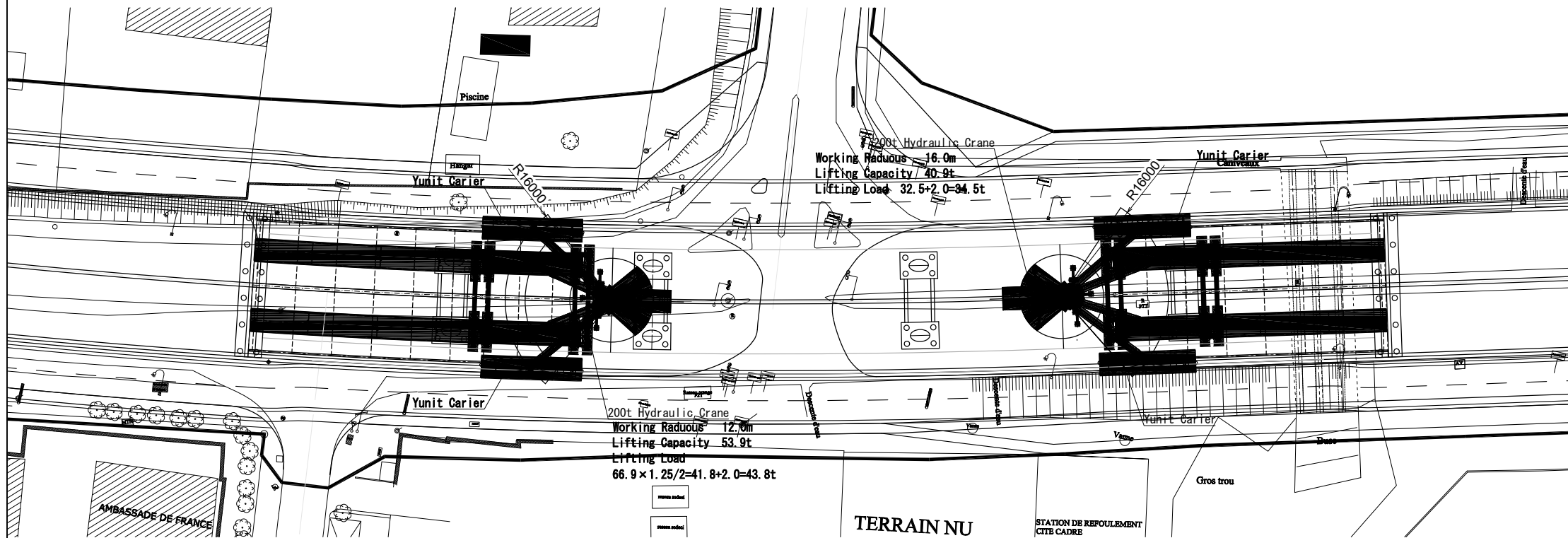
SIDE VIEW S=1:400



SECTION VIEW S=1:300



PLAN VIEW S=1:300



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
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ORIENTAL CONSULTANTS GLOBAL CO., LTD.



INGÉROSEC CORPORATION

ÉCOLE DE POLICE
PLAN D'ÉRECTION - (2)
ERECTION PLAN (2)

200t Crane Capacity table

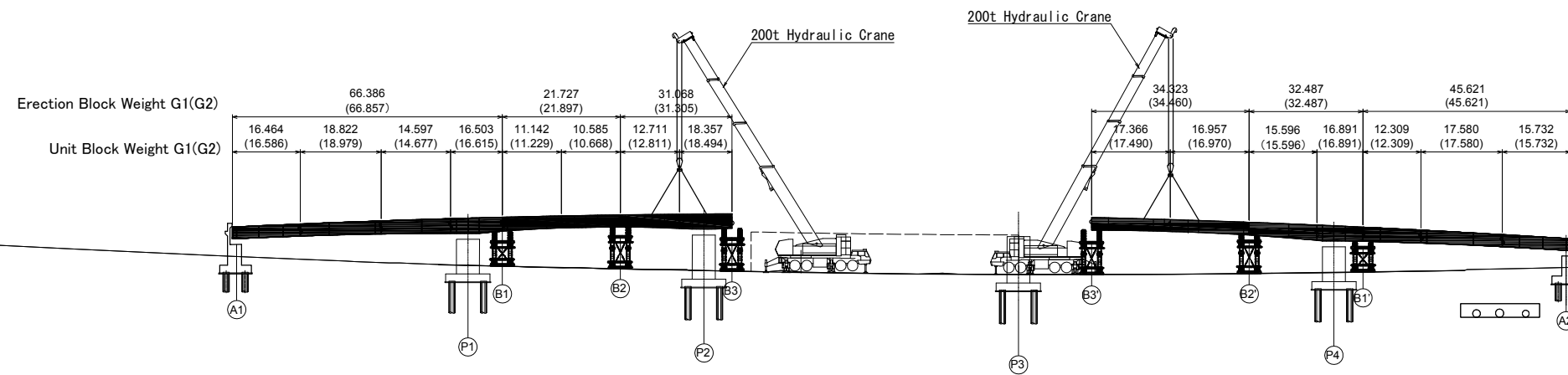
ブーム長 作業半径	13.6m	18.1m	22.7m	31.8m	40.9m	45.5m	52.1m
3.0	200.0	120.0					
3.5	176.0	120.0					
4.0	158.0	120.0	120.0				
4.5	146.0	120.0	120.0				
5.0	135.0	120.0	120.0	62.0			
6.0	118.0	117.0	117.0	62.0			
7.0	104.0	103.0	103.0	62.0	50.0		
8.0	93.5	92.5	91.7	62.0	50.0	44.0	35.0
9.0	83.2	81.9	80.8	62.0	50.0	44.0	35.0
10.0	73.8	72.4	71.3	62.0	50.0	44.0	35.0
11.0		64.6	63.5	58.4	48.3	41.3	35.0
12.0		58.0	56.9	53.9	45.1	38.8	34.0
14.0		47.6	46.5	46.6	39.6	34.5	30.2
16.0		39.8	38.7	40.9	34.7	30.6	27.1
18.0			32.6	35.0	30.6	27.3	24.3
20.0			27.7	30.0	27.2	24.7	21.8
22.0				25.9	24.4	22.4	19.7
24.0				22.5	22.0	20.5	17.9

Index Index	Date Date	Préparé par Prepared by	Vérifié par Checked by	Approuvé par Approved by	Description Description	Statut Status
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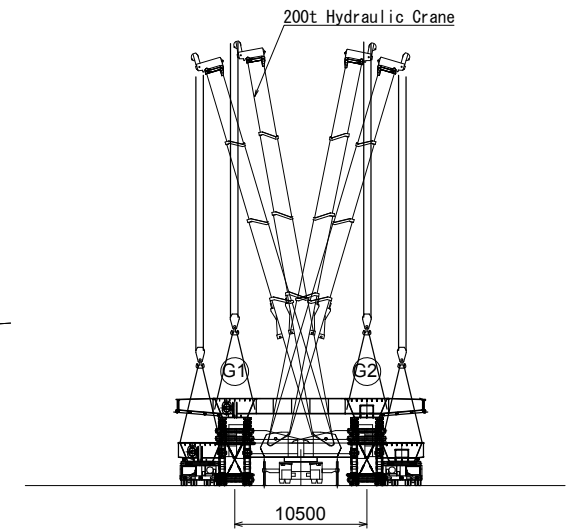
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OCG,ISEC	BFM	PONT	DESSINS
			N° No.
			Index Index
			H-EP-TA-063
			A

(STEP 3)

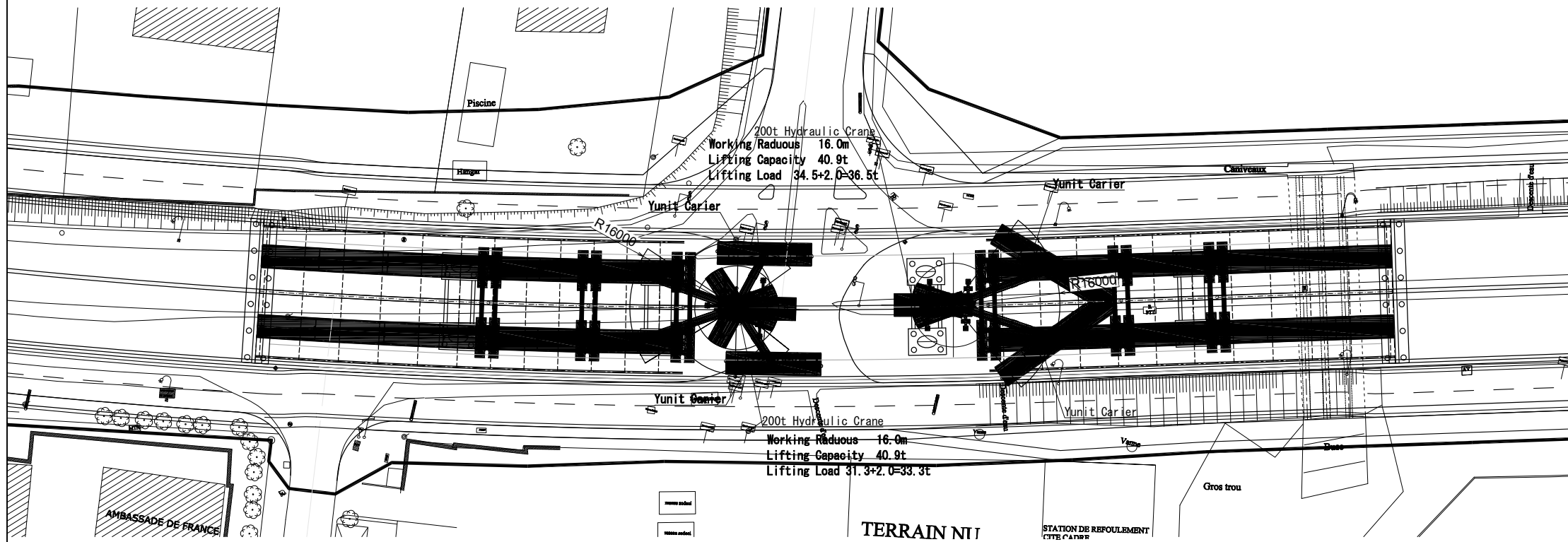
SIDE VIEW S=1:400



SECTION VIEW S=1:300



PLAN VIEW S=1:300



200t Crane Capacity table

ブーム長 作業半径	13.6m	18.1m	22.7m	31.8m	40.9m	45.5m	52.1m
3.0	200.0	120.0					
3.5	176.0	120.0					
4.0	158.0	120.0	120.0				
4.5	146.0	120.0	120.0				
5.0	135.0	120.0	120.0	62.0			
6.0	118.0	117.0	117.0	62.0			
7.0	104.0	103.0	103.0	62.0	50.0		
8.0	93.5	92.5	91.7	62.0	50.0	44.0	35.0
9.0	83.2	81.9	80.8	62.0	50.0	44.0	35.0
10.0	73.8	72.4	71.3	62.0	50.0	44.0	35.0
11.0		64.6	63.5	58.4	48.3	41.3	35.0
12.0		58.0	56.9	53.9	45.1	38.8	34.0
14.0		47.6	46.5	46.6	39.6	34.5	30.2
16.0		39.8	38.7	40.9	34.7	30.6	27.1
18.0			32.6	35.0	30.6	27.3	24.3
20.0			27.7	30.0	27.2	24.7	21.8
22.0				25.9	24.4	22.4	19.7
24.0				22.5	22.0	20.5	17.9

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



INGÉROSEC CORPORATION

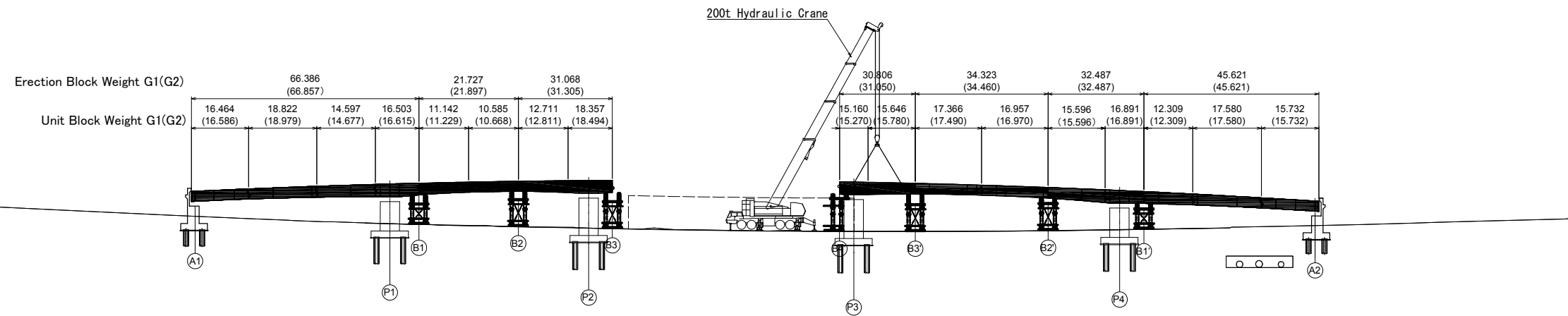
ÉCOLE DE POLICE
PLAN D'ÉRECTION - (3)
ERECTION PLAN -(3)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

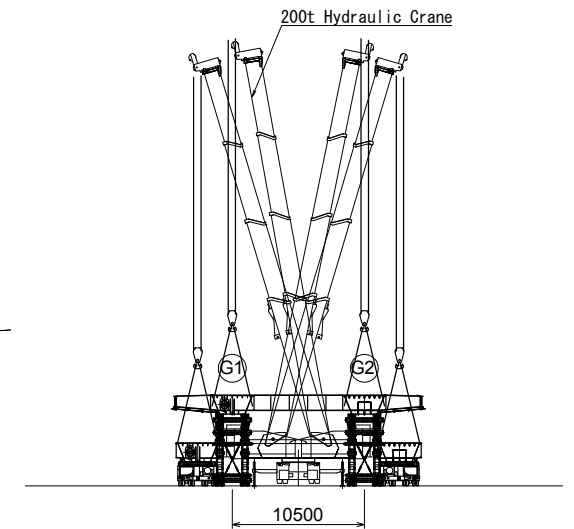
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(STEP 4)

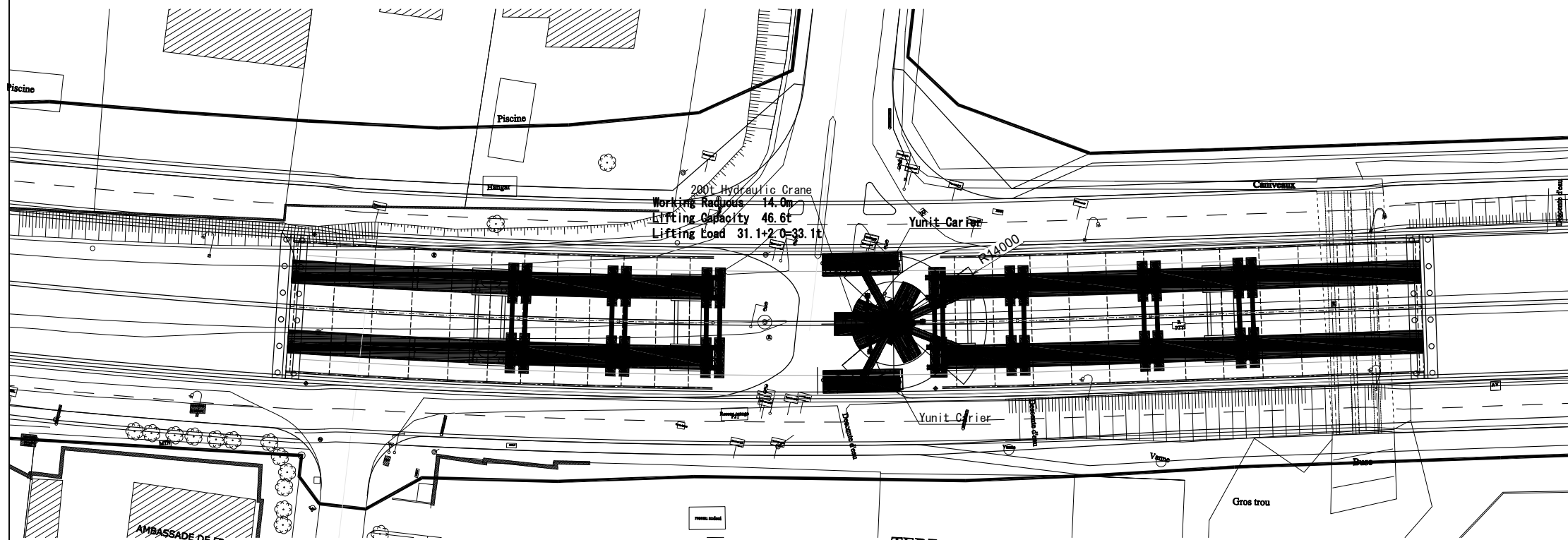
SIDE VIEW S=1:400



SECTION VIEW S=1:300



PLAN VIEW S=1:300



200t Crane Capacity table

ブーム長 作業半径	13.6m	18.1m	22.7m	31.8m	40.9m	45.5m	52.1m
3.0	200.0	120.0					
3.5	176.0	120.0					
4.0	158.0	120.0	120.0				
4.5	146.0	120.0	120.0				
5.0	135.0	120.0	120.0	62.0			
6.0	118.0	117.0	117.0	62.0			
7.0	104.0	103.0	103.0	62.0	50.0		
8.0	93.5	92.5	91.7	62.0	50.0	44.0	35.0
9.0	83.2	81.9	80.8	62.0	50.0	44.0	35.0
10.0	73.8	72.4	71.3	62.0	50.0	44.0	35.0
11.0		64.6	63.5	58.4	48.3	41.3	35.0
12.0		58.0	56.9	53.9	45.1	38.8	34.0
14.0		47.6	46.5	46.6	39.6	34.5	30.2
16.0		39.8	38.7	40.9	34.7	30.6	27.1
18.0			32.6	35.0	30.6	27.3	24.3
20.0			27.7	30.0	27.2	24.7	21.8
22.0				25.9	24.4	22.4	19.7
24.0				22.5	22.0	20.5	17.9

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



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AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



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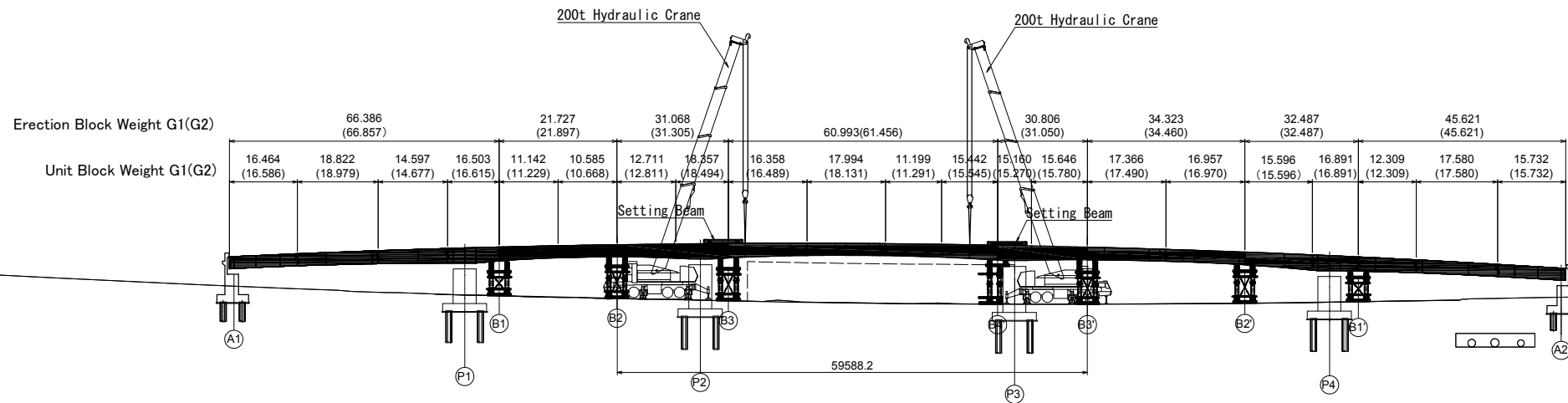
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PLAN D'ÉRECTION - (4)
ERECTION PLAN (4)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

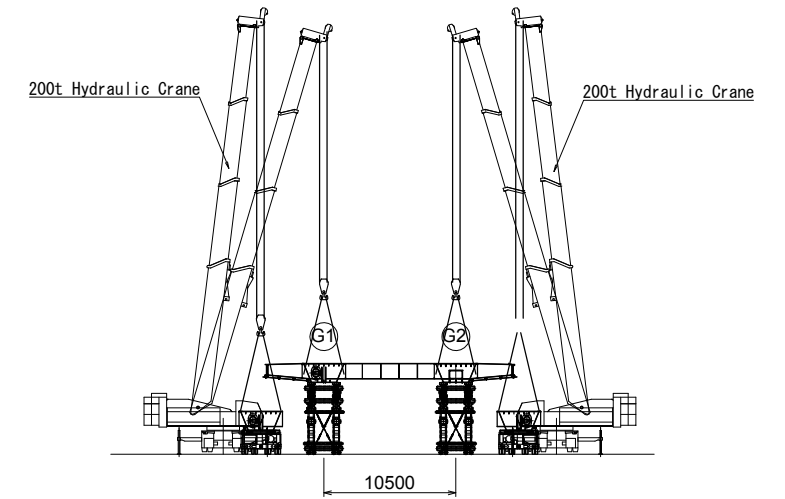
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Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity
OCG, ISEC	BFM	PONT
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		N° / No.
		H-EP-TA-065
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		A

(STEP 5)

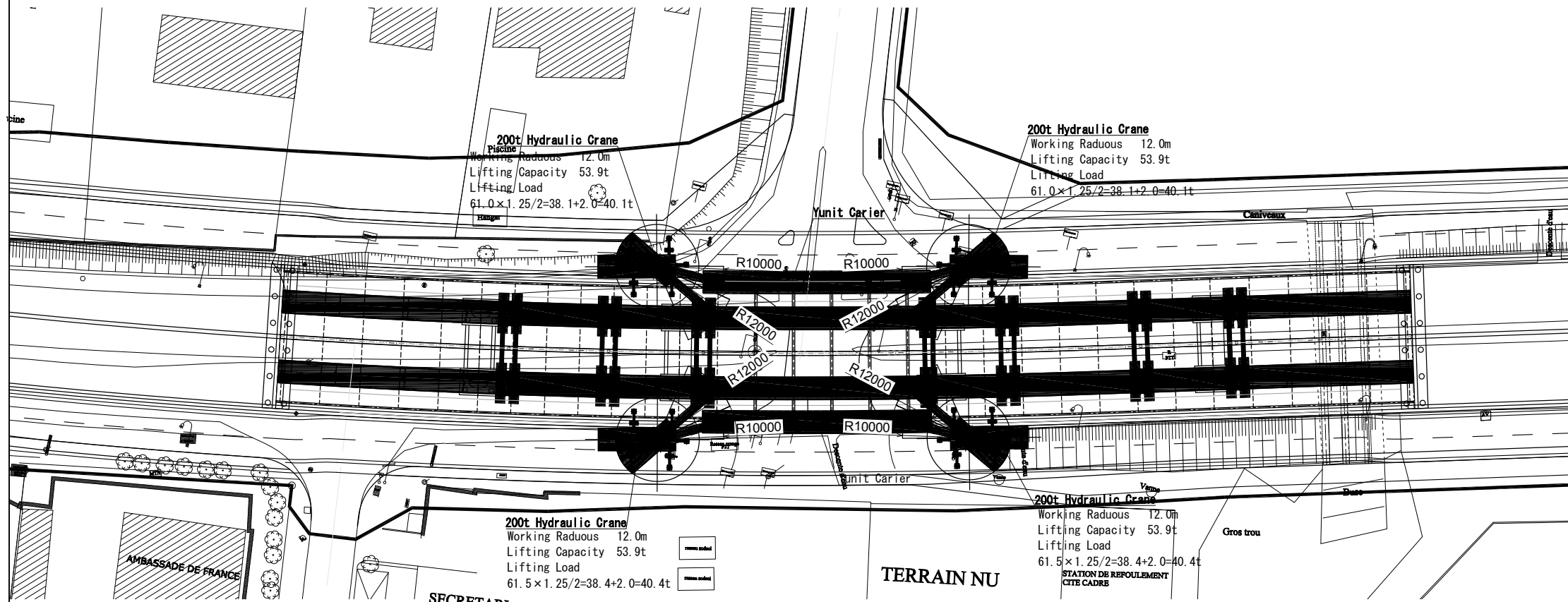
SIDE VIEW S=1:400



SECTION VIEW S=1:300



PLAN VIEW S=1:300



200t Crane Capacity table

ブーム長 作業半径	13.6m	18.1m	22.7m	31.8m	40.9m	45.5m	52.1m
3.0	200.0	120.0					
3.5	176.0	120.0					
4.0	158.0	120.0	120.0				
4.5	146.0	120.0	120.0				
5.0	135.0	120.0	120.0	62.0			
6.0	118.0	117.0	117.0	62.0			
7.0	104.0	103.0	103.0	62.0	50.0		
8.0	93.5	92.5	91.7	62.0	50.0	44.0	35.0
9.0	83.2	81.9	80.8	62.0	50.0	44.0	35.0
10.0	73.8	72.4	71.3	62.0	50.0	44.0	35.0
11.0		64.6	63.5	58.4	48.3	41.3	35.0
12.0		58.0	56.9	53.9	45.1	38.8	34.0
14.0		47.6	46.5	46.6	39.6	34.5	30.2
16.0		39.8	38.7	40.9	34.7	30.6	27.1
18.0			32.6	35.0	30.6	27.3	24.3
20.0			27.7	30.0	27.2	24.7	21.8

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



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AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
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ORIENTAL CONSULTANTS GLOBAL CO., LTD.

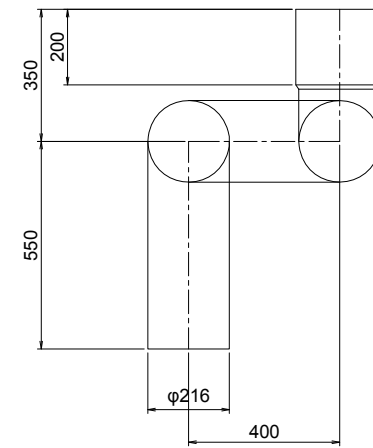
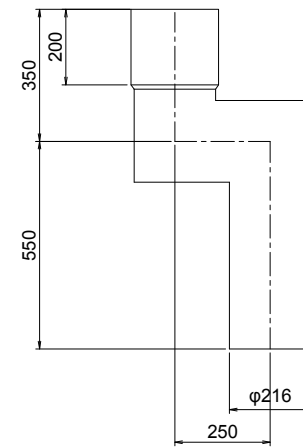
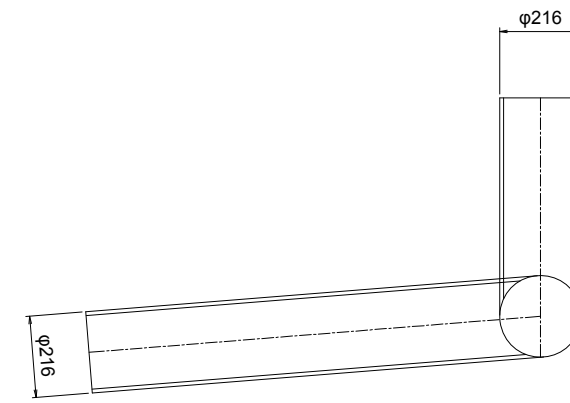
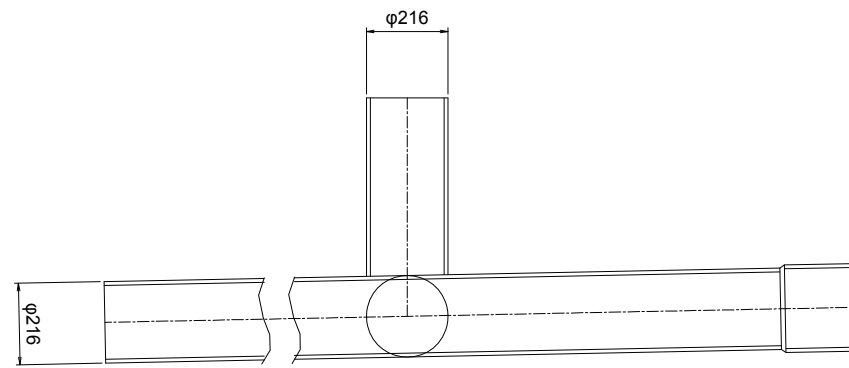
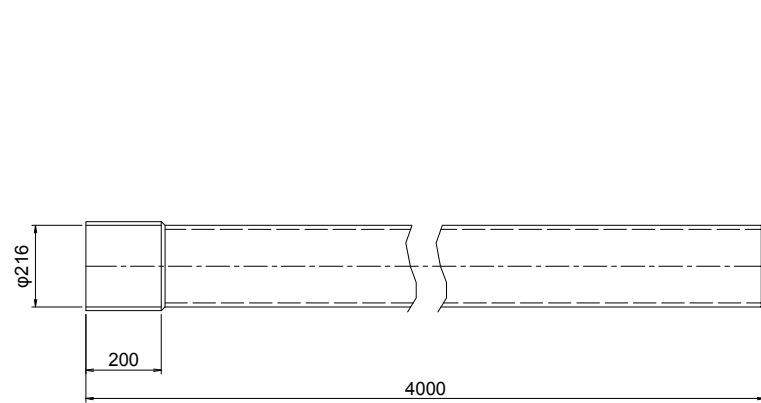


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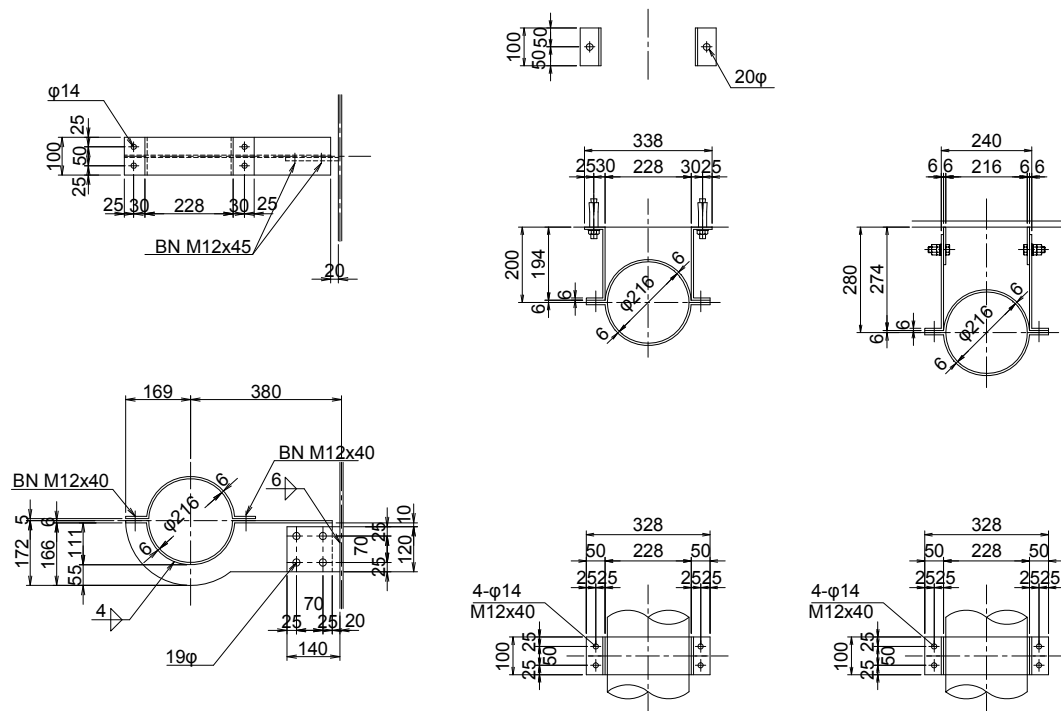
ÉCOLE DE POLICE
PLAN D'ÉRECTION - (5)
ERECTION PLAN - (5)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT
Format A3 Fichier/ File :						
Emetteur / Issuer	Localisation / Location	Type d'ouvrage -Activité / Type of structure -Activity	Type de document / Type of document	N° / No.	Indice / Index	
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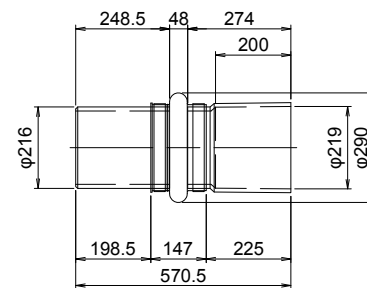
PVC PIPE φ200



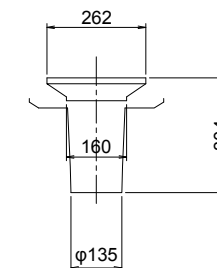
SUPPORT



Joint Flexible



Gargouille



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
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AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



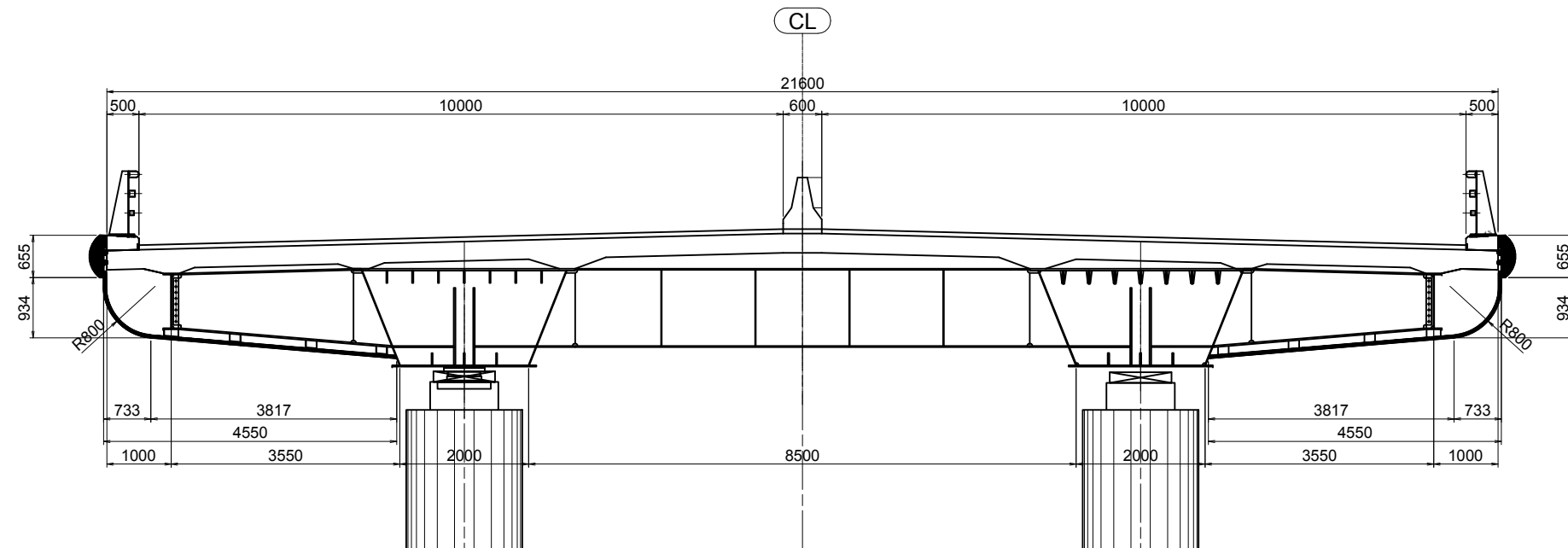
INGÉROSEC CORPORATION

ÉCOLE DE POLICE
DÉTAIL DES INSTALLATIONS DE DRAINAGE
(A1 E=1:10, A3 E=1:20)
DETAIL OF DRAINAGE
(A1 S=1:10, A3 S=1:20)

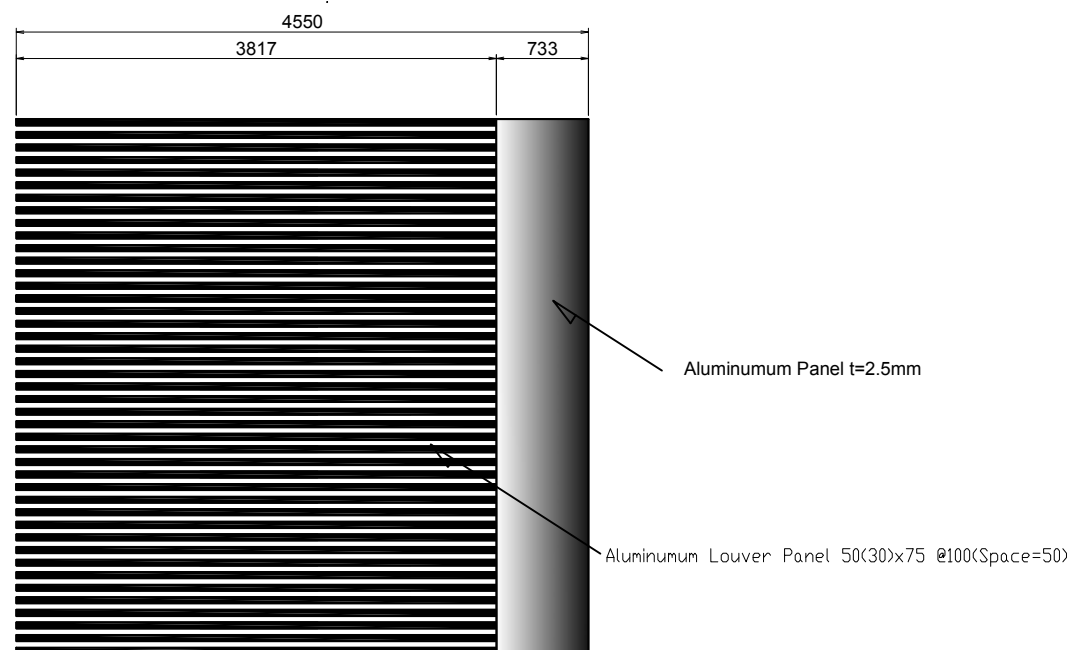
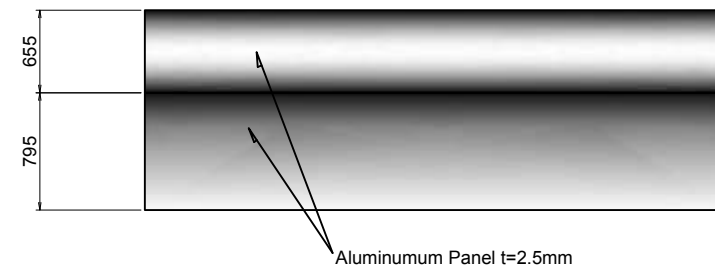
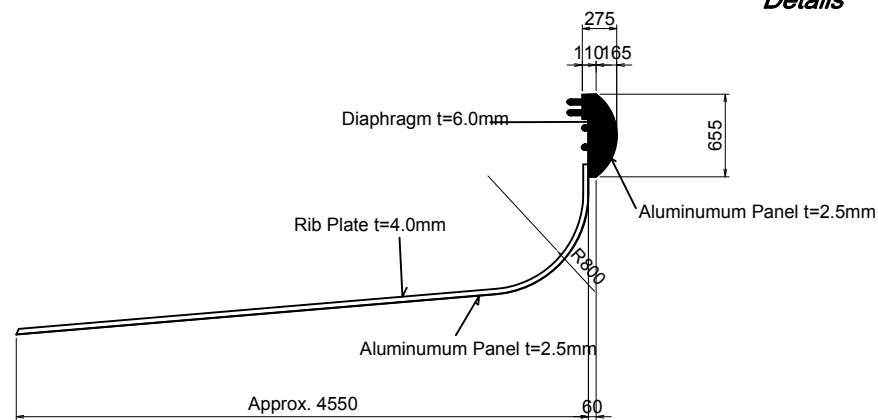
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier/ File : H-EP-EQ-001-DÉTAIL DES INSTALLATIONS DE DRAINAGE_排水部品図				
Émetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCG, ISEC	BFM	PONT	DESSINS	H-EP-EQ-001	A	

COUVERTURE DE POUTRE AND CORNICHE
GIRDER COVER AND CORNICE A1 E=1:50, A3 E=1:100
 A1 S=1:50, A3 S=1:100




DÉTAILS
Details A1 E=1:50, A3 E=1:100
 A1 S=1:50, A3 S=1:100





(Notes)
 Louver Panel shall be removable for the maintenance.


PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

 **REPUBLIQUE DE COTE D'IVOIRE**
 Ministère de l'Équipement et de l'Entretien Routier

 **AGENCE DE GESTION DES ROUTES**

 **AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE**
 / JAPAN INTERNATIONAL COOPERATION AGENCY

 **ORIENTAL CONSULTANTS GLOBAL CO., LTD.**

 **INGÉROSEC CORPORATION**

ÉCOLE DE POLICE
COUVERTURE DE POUTRE ET CORNICHE
GIRDER COVER AND CORNICE

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A	27/12/18	K.T	J.O	T.K	PREMIERE VERSION	EXT

Format: A3 Fichier/ File:

Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCG, ISEC	BFM	PONT	DESSINS	H-EP-EQ-002	A

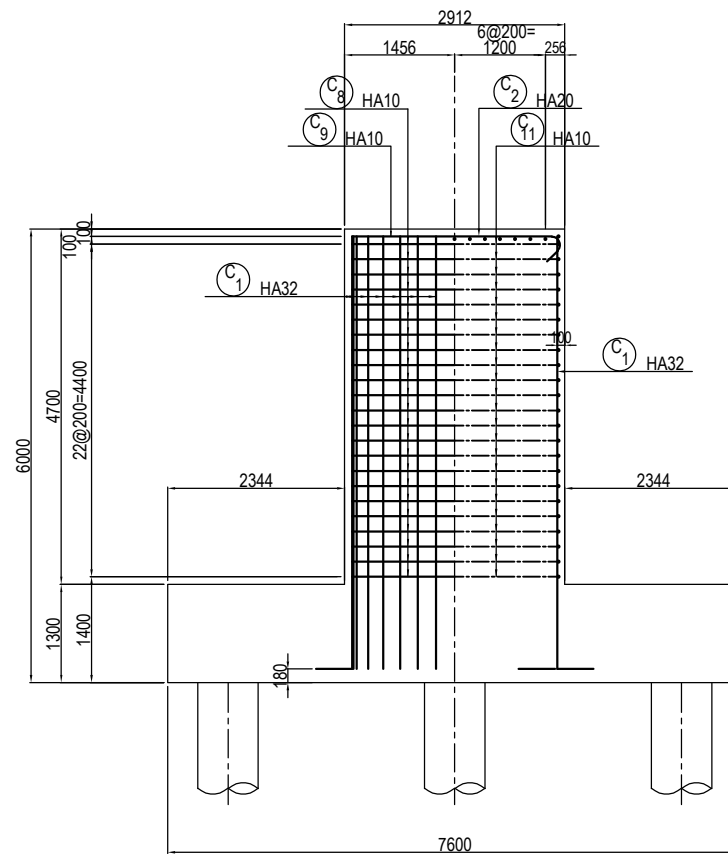
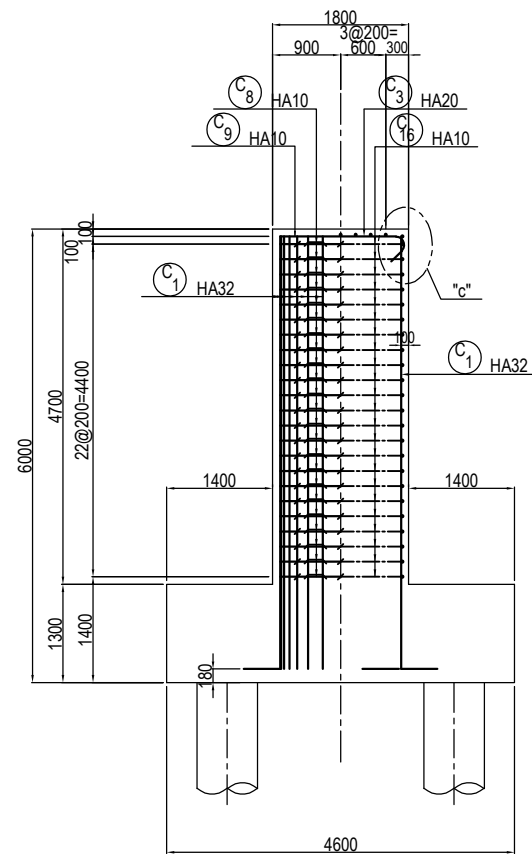
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COUPE 1 - 1

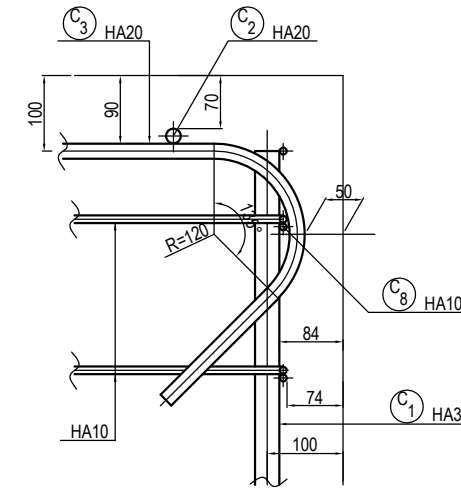
COUPE 2 - 2

COUPE 3 - 3

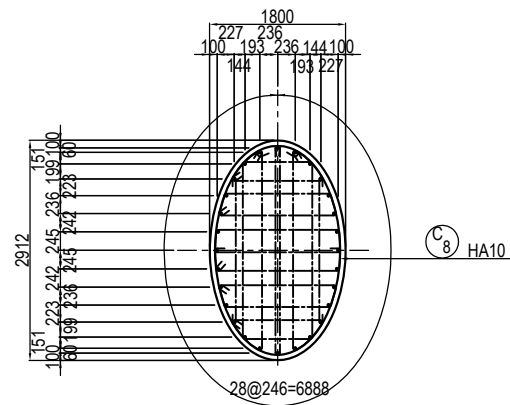
COUPE 4 - 4



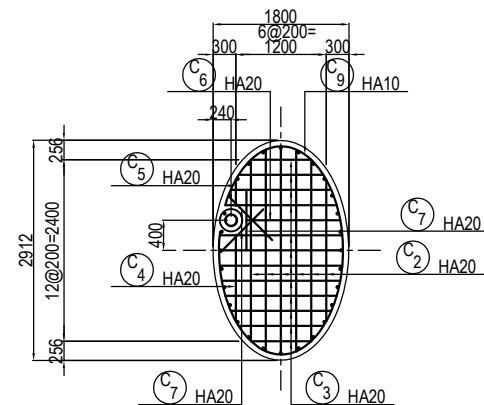
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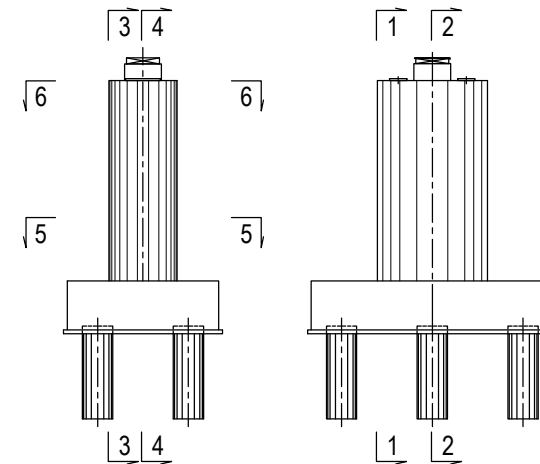
COUPE 5 - 5



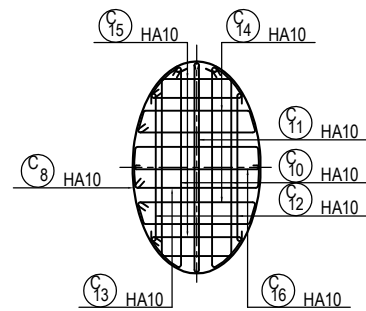
COUPE 6 - 6



POSITION DE LA SECTION
 / POSITION OF THE SECTION



ARRANGEMENT DE CADRES, ETRIERIS ET EPINGLES
 / ARRANGEMENT DE CADRES, ETRIERIS ET EPINGLES



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
 / JAPAN INTERNATIONAL COOPERATION AGENCY



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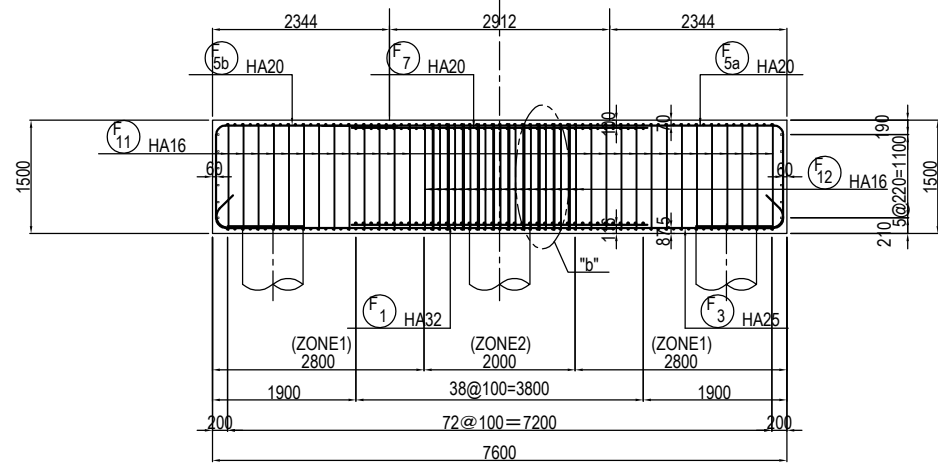
ECOLE DE POLICE
 PILE P1 - FERRAILLAGE (1)
 PIER P1 - BAR ARRANGEMENT (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-001	A

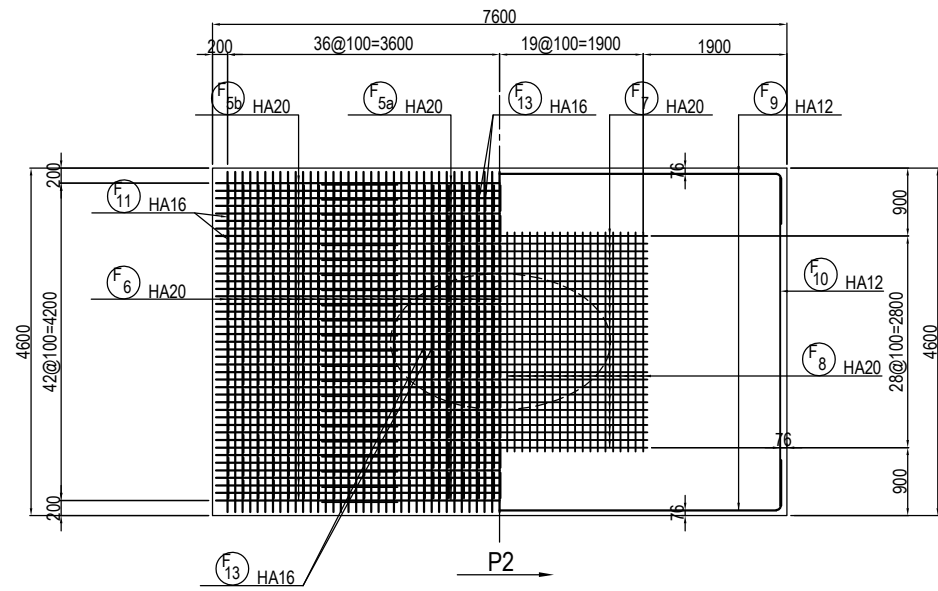
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COUPE 1 - 1



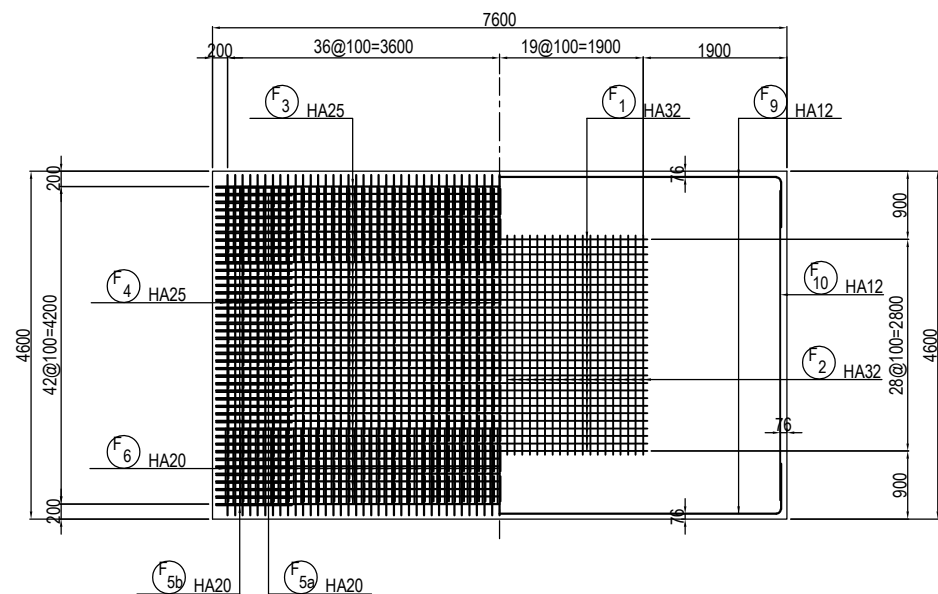
COUPE 2 - 2

COUPE 3 - 3

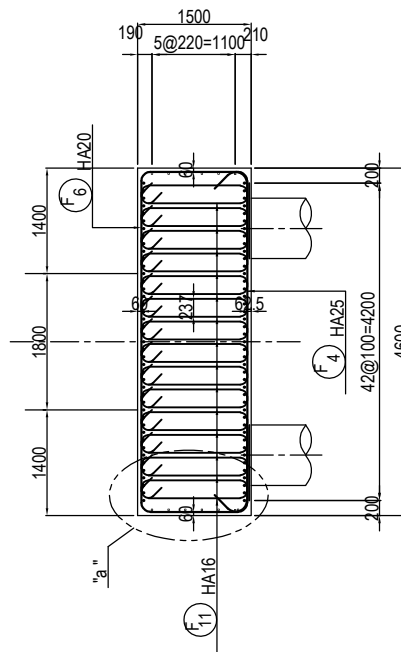


COUPE 4 - 4

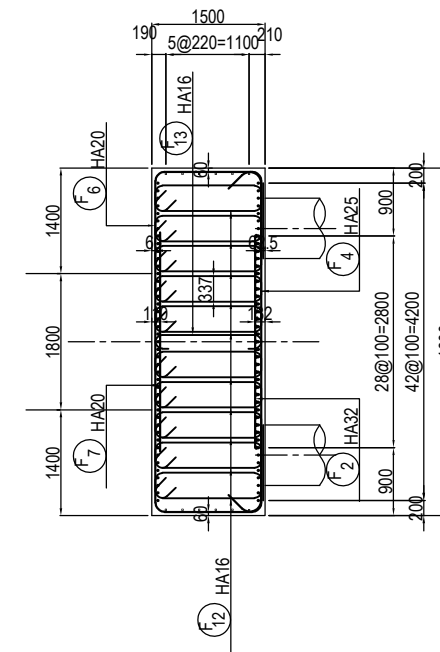
COUPE 5 - 5



COUPE 6 - 6 (ZONE1)

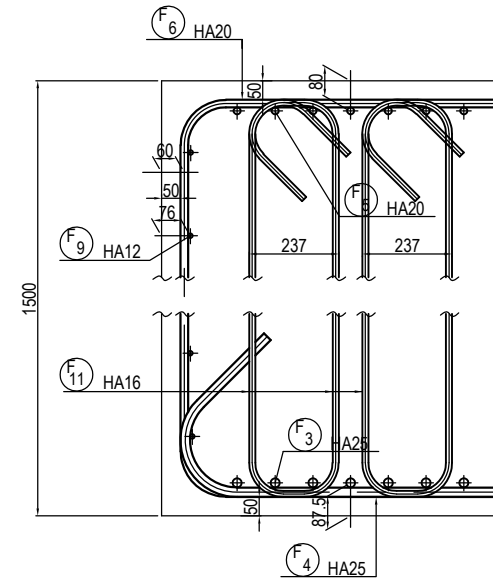


COUPE 7 - 7 (ZONE2)



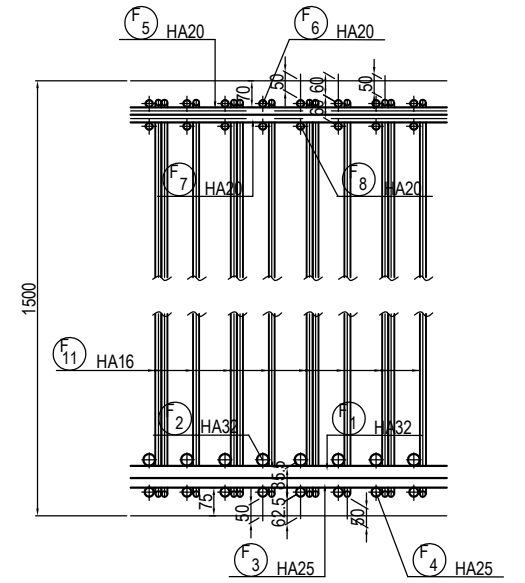
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A1 S=1:5, A3 S=1:10

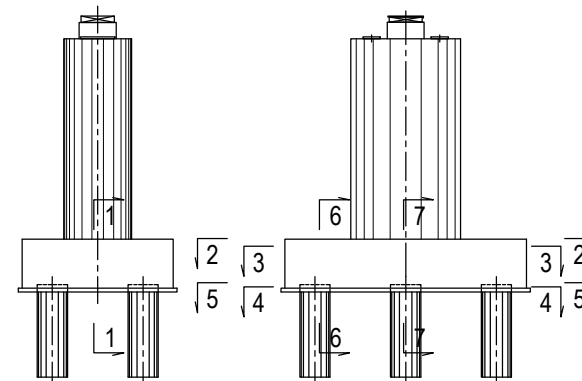


DETAIL "b" / DETAIL "b"

A1 E=1:5, A3 E=1:10
A1 S=1:5, A3 S=1:10



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



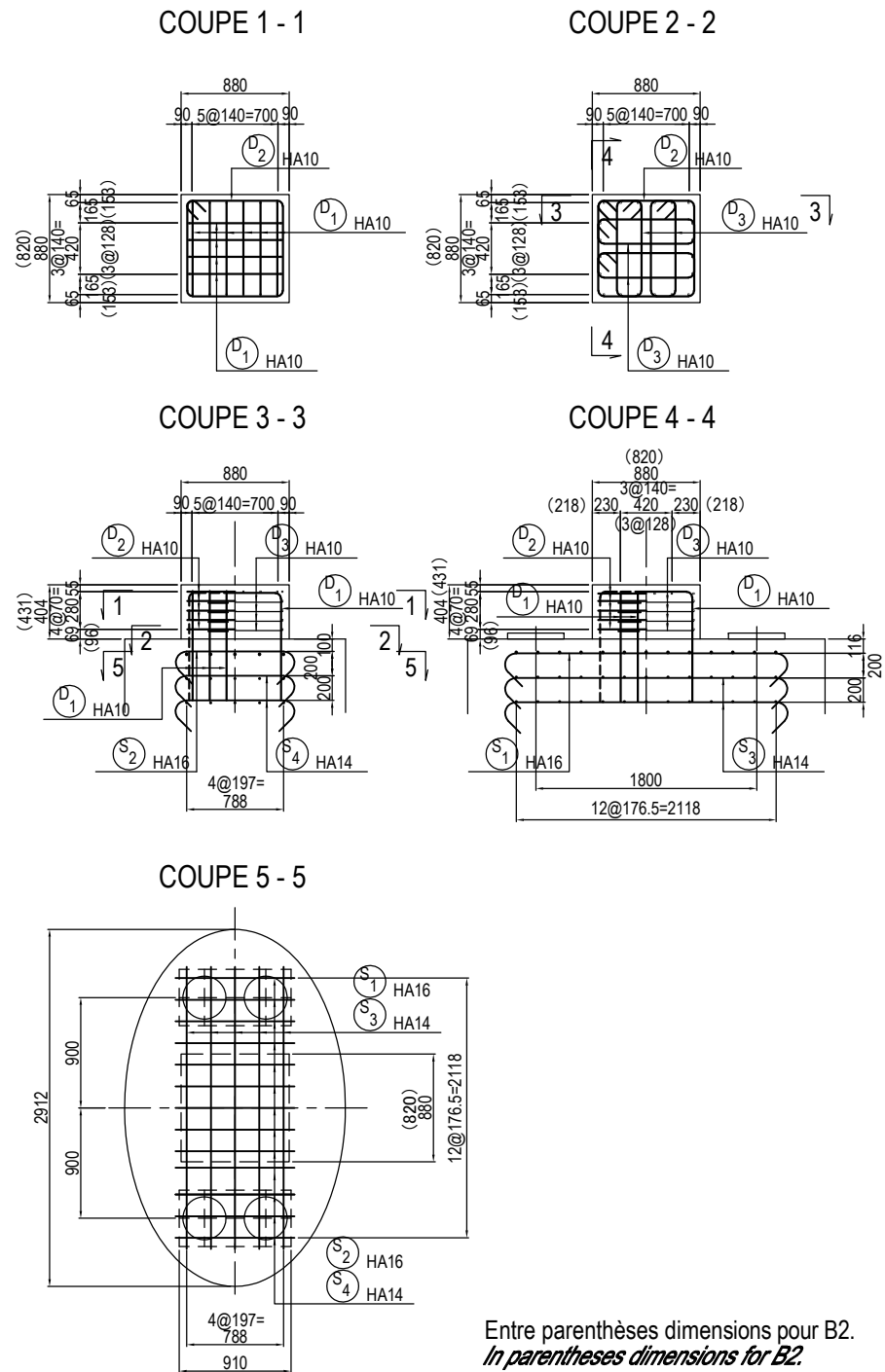
INGÉROSEC CORPORATION

ECOLE DE POLICE
PILE P1 - FERRAILLAGE (2)
PIER P1 - BAR ARRANGEMENT (2)

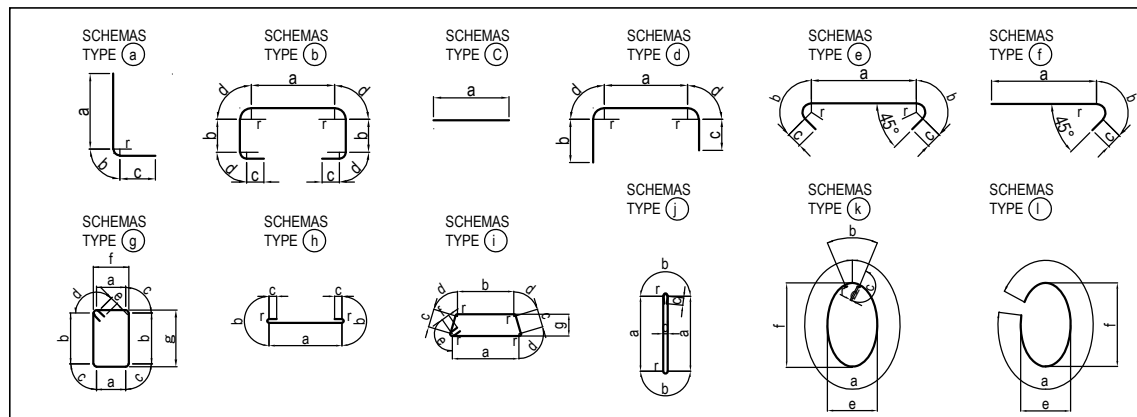
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	Fichier / File	Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
A3		OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-002	A

BARRE ARRIERE POUR APPAREILES D'APPUIS
/REBAR ARRANGEMENT FOR BEARINGS



Entre parenthèses dimensions pour B2.
In parentheses dimensions for B2.



NO	ACJER	DIAMETRE	SCHEMAS TYPE	a (m)	b (m)	C (m)	d (m)	e (m)	f (m)	g (m)	r (m)	LONG(m)	NOMBRE	LONG.TOTALE (m)
QUANTITE D'ARMATURES POUR UN PILE / QUANTITY OF REBARS FOR A PIER														
C 1	HA	32	(a)	5.55	0.13	0.48	---	---	---	---	0.182	6.16	28	172.48
C 2	HA	20	(e)	2.57 1.75	0.17	0.20	---	---	---	---	0.120	2.90	6	17.40
C 3	HA	20	(e)	1.46 0.64	0.17	0.20	---	---	---	---	0.120	1.79	12	21.48
C 4	HA	20	(f)	1.03	0.17	0.20	---	---	---	---	0.120	1.40	1	1.40
C 5	HA	20	(f)	0.29	0.17	0.20	---	---	---	---	0.120	0.66	1	0.66
C 6	HA	20	(f)	1.16	0.17	0.20	---	---	---	---	0.120	1.53	1	1.53
C 7	HA	20	(c)	0.80	---	---	---	---	---	---	---	0.80	3	2.40
C 8	HA	10	(k)	7.02	0.50	0.08	0.10	1.64	2.75	---	0.030	7.98	23	183.54
C 9	HA	10	(l)	6.62	---	---	---	1.64	2.75	---	---	6.62	1	6.62
C 10	HA	10	(i)	2.55	2.25	0.25	0.04	0.06	0.10	0.24	0.030	5.86	46	269.56
C 11	HA	10	(j)	2.67	0.08	0.10	0.05	---	---	---	0.030	5.93	23	136.39
C 12	HA	10	(h)	1.89	0.08	0.10	---	---	---	---	0.030	2.35	46	108.10
C 13	HA	10	(i)	1.54	1.54	0.53	0.04	0.06	0.10	0.53	0.030	4.70	23	108.10
C 14	HA	10	(l)	1.46	1.32	0.25	0.04	0.06	0.10	0.28	0.030	3.84	46	176.64
C 15	HA	10	(i)	1.11	0.82	0.25	0.04	0.06	0.10	0.24	0.030	2.99	46	137.54
C 16	HA	10	(h)	1.55	0.13	0.10	---	---	---	---	0.030	2.01	23	46.23
F 1	HA	32	(c)	3.90	---	---	---	---	---	---	---	3.90	29	113.10
F 2	HA	32	(c)	2.90	---	---	---	---	---	---	---	2.90	39	113.10
F 3	HA	25	(e)	7.20	0.32	0.25	---	---	---	---	0.150	8.34	43	358.62
F 4	HA	25	(e)	4.20	0.32	0.25	---	---	---	---	0.150	5.34	73	389.82
F 5a	HA	20	(d)	1.12	6.04	1.00	0.17	---	---	---	0.120	8.50	43	365.50
F 5b	HA	20	(d)	1.12	2.22	1.00	0.17	---	---	---	0.120	4.68	43	201.24
F 6	HA	20	(b)	4.26	1.16	1.00	0.17	---	---	---	0.120	9.26	73	675.98
F 7	HA	20	(c)	3.90	---	---	---	---	---	---	---	3.90	29	113.10
F 8	HA	20	(c)	2.90	---	---	---	---	---	---	---	2.90	39	113.10
F 9	HA	12	(d)	7.34	0.60	0.60	0.09	---	---	---	0.062	8.72	12	104.64
F 10	HA	12	(c)	4.34	---	---	---	---	---	---	---	4.34	12	52.08
F 11	HA	16	(g)	0.06	1.22	0.13	0.20	0.16	0.22	1.38	0.091	3.67	364	1335.88
F 12	HA	16	(g)	0.16	1.22	0.13	0.20	0.16	0.32	1.38	0.091	3.87	310	1199.70
F 13	HA	16	(h)	1.22	0.26	0.16	---	---	---	---	0.091	1.95	31	60.45
B1														
S 1	HA	16	(e)	2.12	0.20	0.16	---	---	---	---	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	---	---	---	---	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	---	---	---	---	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	---	---	---	---	0.089	1.45	26	37.70
D 1	HA	10	(d)	0.70	0.90	0.90	0.04	---	---	---	0.030	2.58	10	25.80
D 2	HA	10	(g)	0.72	0.72	0.04	0.06	0.10	0.77	0.77	0.030	3.32	5	16.60
D 3	HA	10	(g)	0.17	0.72	0.04	0.06	0.10	0.22	0.77	0.030	2.28	16	36.48
B2														
S 1	HA	16	(e)	2.12	0.20	0.16	---	---	---	---	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	---	---	---	---	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	---	---	---	---	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	---	---	---	---	0.089	1.45	26	37.70
D 1-1	HA	10	(d)	0.70	0.90	0.90	0.04	---	---	---	0.030	2.58	4	10.32
D 1-2	HA	10	(g)	0.64	0.90	0.90	0.04	---	---	---	0.030	2.52	6	15.12
D 2	HA	10	(g)	0.72	0.66	0.04	0.06	0.10	0.77	0.71	0.030	3.20	5	16.00
D 3-1	HA	10	(g)	0.17	0.66	0.04	0.06	0.10	0.22	0.71	0.030	2.10	8	16.80
D 3-2	HA	10	(g)	0.16	0.72	0.04	0.06	0.10	0.21	0.77	0.030	2.20	8	17.60

* La dimension radiale indique l'extérieur de la barre.


RECAOITUATIF ACIERS / SUMMARY STEELS

HA	10	12	14	16	20	25	32	
POIDS (kg/m)	0.617	0.888	1.208	1.578	2.466	3.854	6.315	
LONG (m)	B1	1254.00	156.72	65.50	2629.86	1511.39	748.44	398.68
	B2	1250.96	156.72	65.50	2629.86	1511.39	748.44	398.68
	TOTAL	2504.96	313.44	131.00	5259.72	3022.78	1496.88	797.36
POIDS (kg)	1545.56	278.33	158.25	8299.84	7454.18	5768.98	5033.73	28538.87


TOTAL POUR P1 / TOTAL FOR P1

POIDS TOTAL(kg) : 28538.87


PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN




REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier




AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



INGÉROSEC CORPORATION

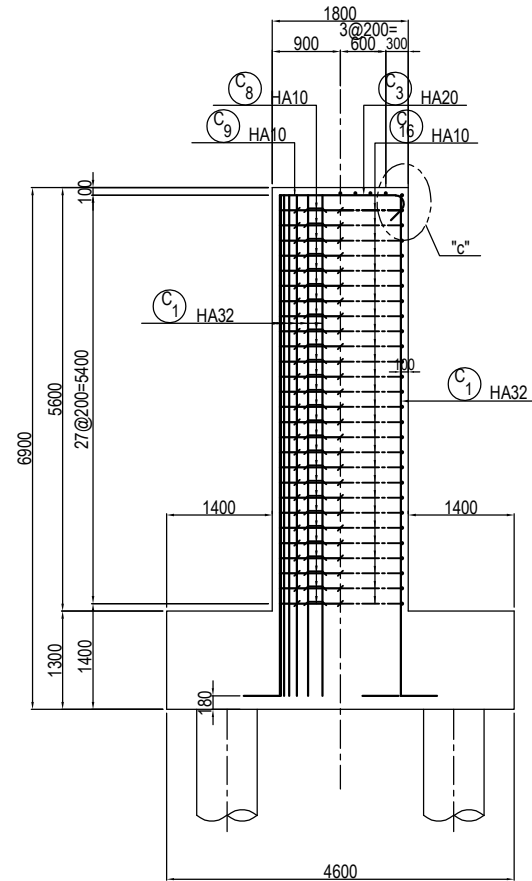
ECOLE DE POLICE
PILE P1 - FERRAILLAGE (3)
A1 E=1:30, A3 E=1:60
PIER P1 - BAR ARRANGEMENT (3)
A1 S=1:30, A3 S=1:60

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

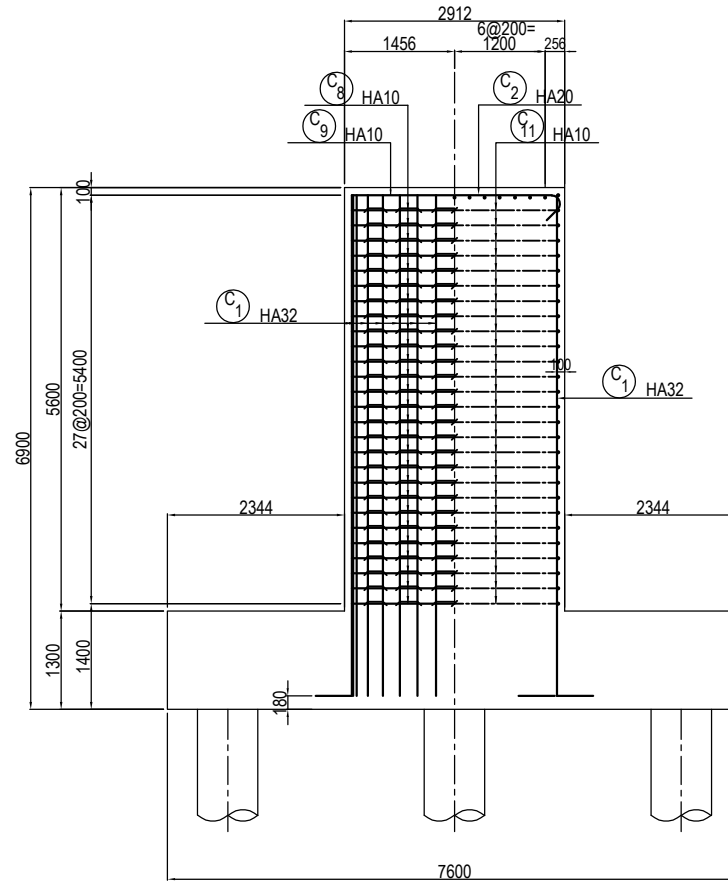
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Emetteur / Issued	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity
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		N° / No.
		H-EP-FE-003
		Indice / Index
		A

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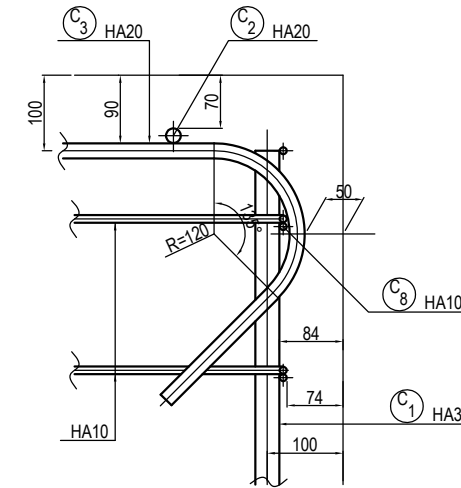
COUPE 1 - 1 COUPE 2 - 2



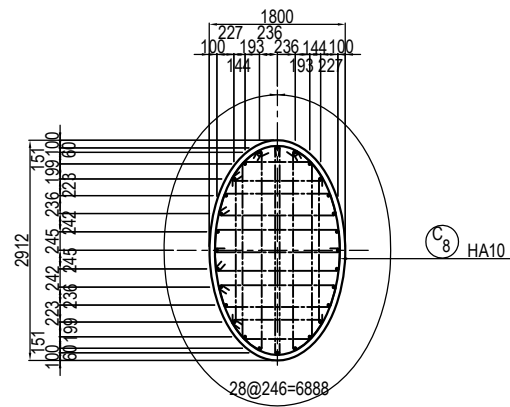
COUPE 3 - 3 COUPE 4 - 4



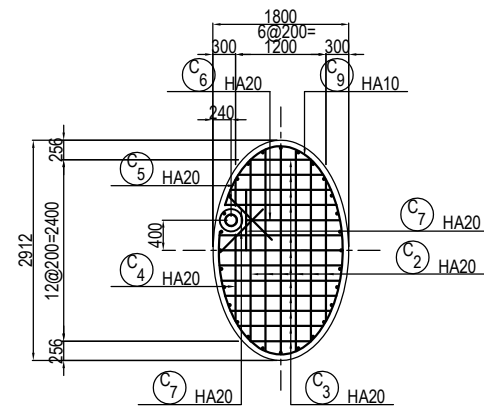
DETAIL "c" / DETAIL "c"
A1 E=1:5, A3 E=1:10
A1 S=1:5, A3 S=1:10



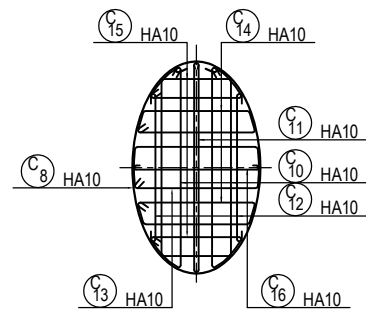
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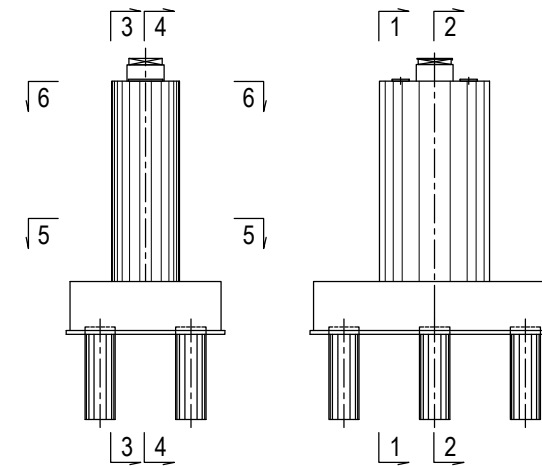
COUPE 6 - 6



ARRANGEMENT DE CADRES, ETRIERIS ET EPINGLES
/ ARRANGEMENT DE CADRES, ETRIERIS ET EPINGLES



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



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INGÉROSEC CORPORATION

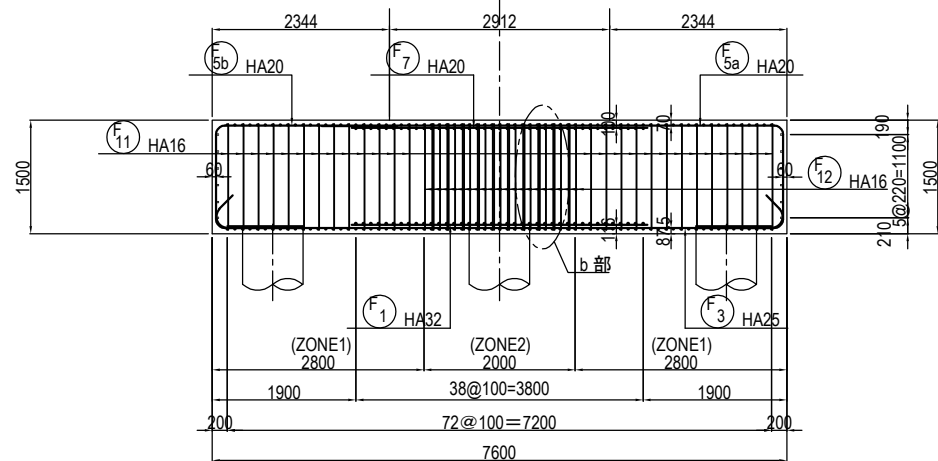
ECOLE DE POLICE
PILE P2 - FERRAILLAGE (1)
PIER P2 - BAR ARRANGEMENT (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File:		Type de document / Type of document	N° / No.	Indice / Index
Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
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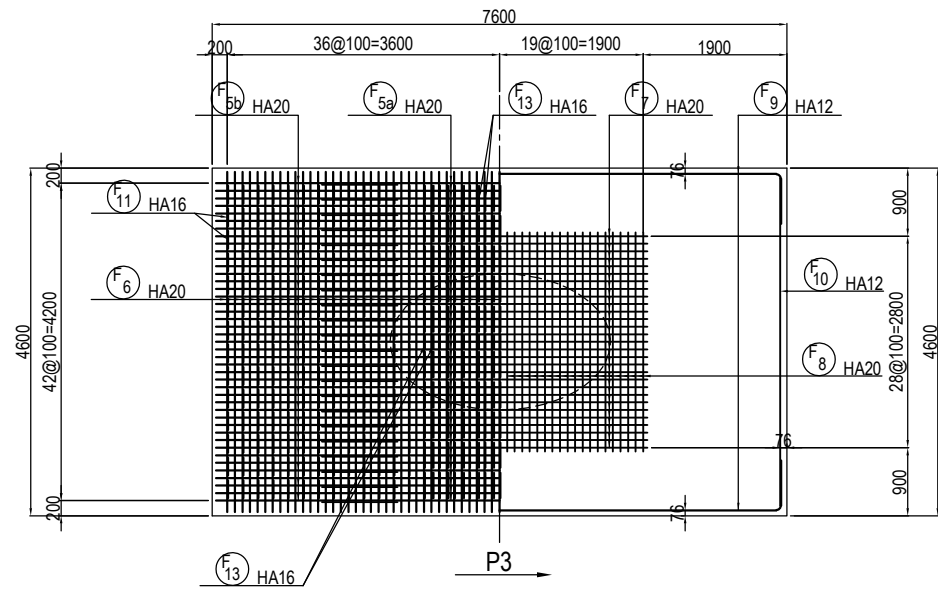
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A1 S=1:50, A3 S=1:100

COUPE 1 - 1



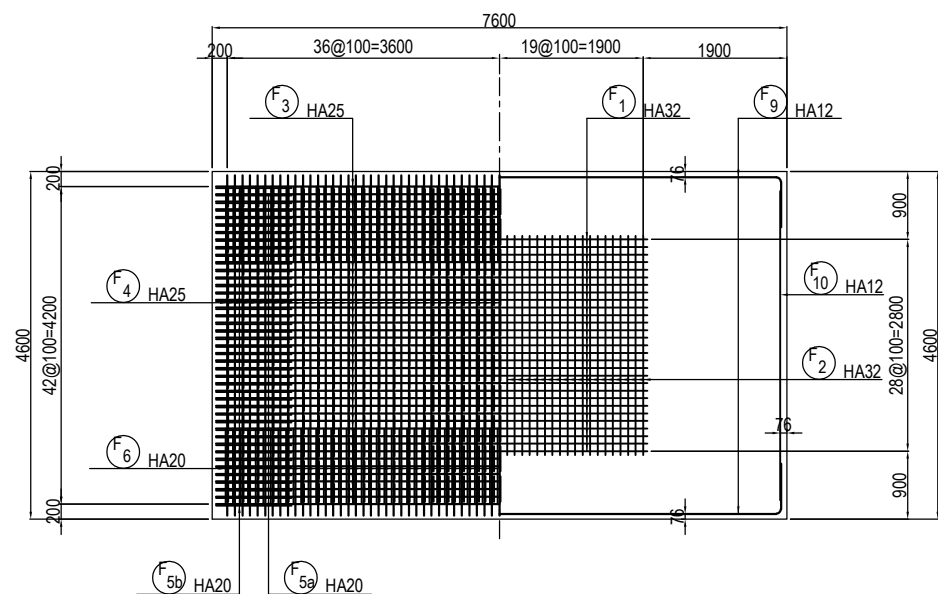
COUPE 2 - 2

COUPE 3 - 3



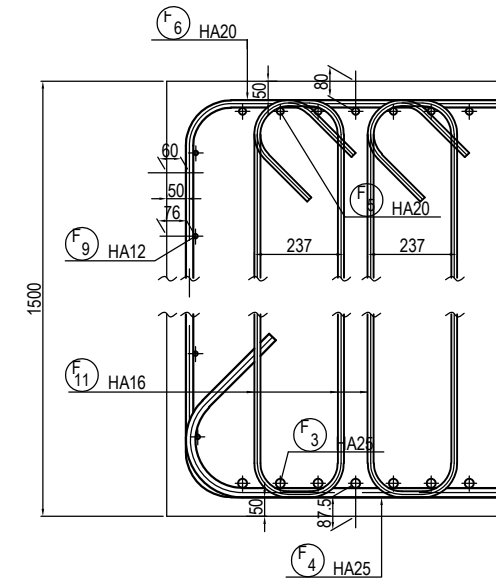
COUPE 4 - 4

COUPE 5 - 5



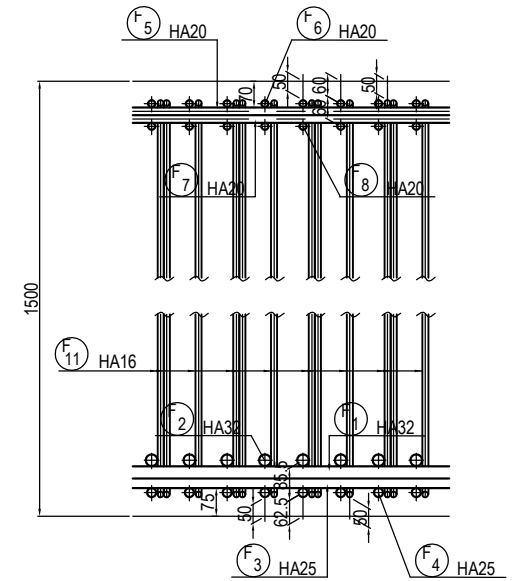
DETAIL "a" / DETAIL "a"

A1 E=1:5, A3 E=1:10
A1 S=1:5, A3 S=1:10

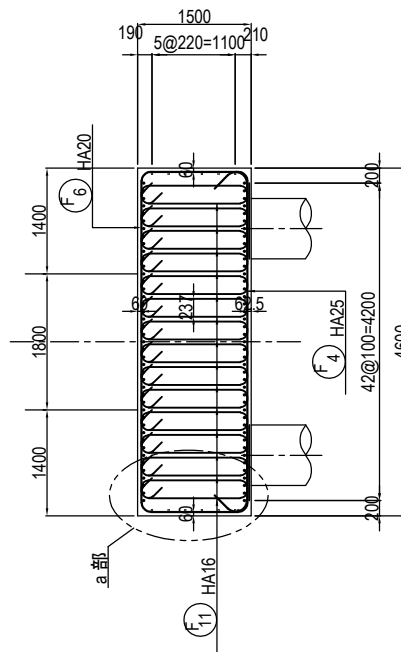


DETAIL "b" / DETAIL "b"

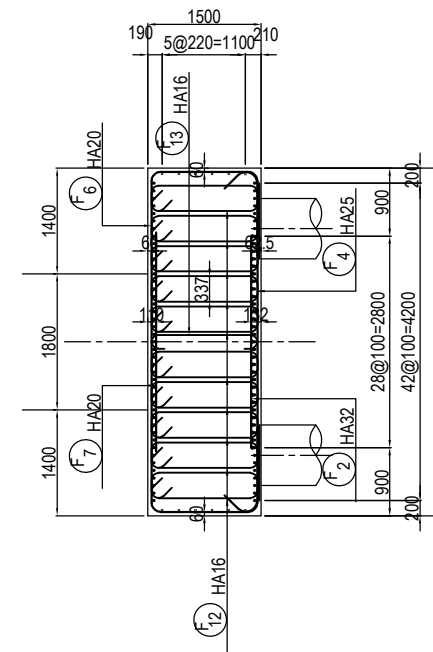
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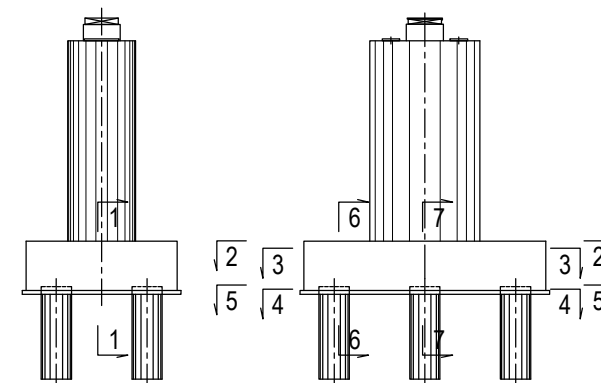
COUPE 6 - 6 (ZONE1)



COUPE 7 - 7 (ZONE2)



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



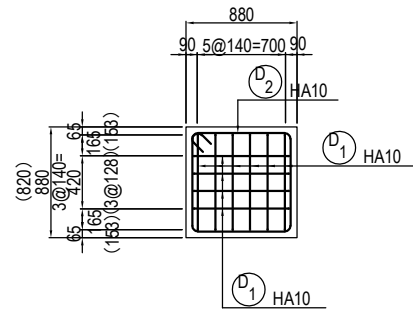
INGÉROSEC CORPORATION

ECOLE DE POLICE
PILE P2 - FERRAILLAGE (2)
PIER P2 - BAR ARRANGEMENT (2)

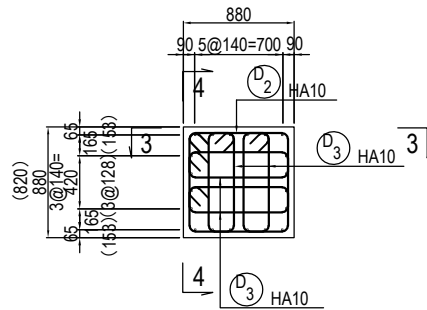
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A		S.N	J.R	T.K	PREMIERE VERSION	EXT
Format	A3	Fichier / File:				
Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-005	A	

BARRE ARRIERE POUR APPAREILES D'APPUIS / REBAR ARRANGEMENT FOR BEARINGS

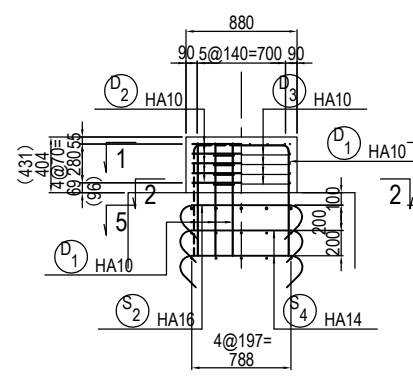
COUPE 1 - 1



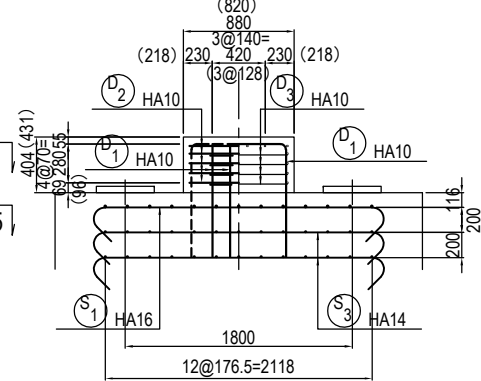
COUPE 2 - 2



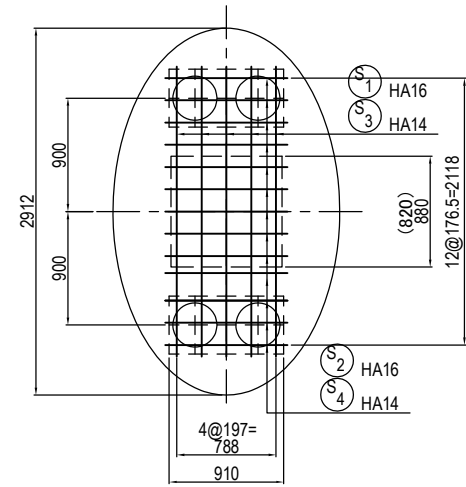
COUPE 3 - 3



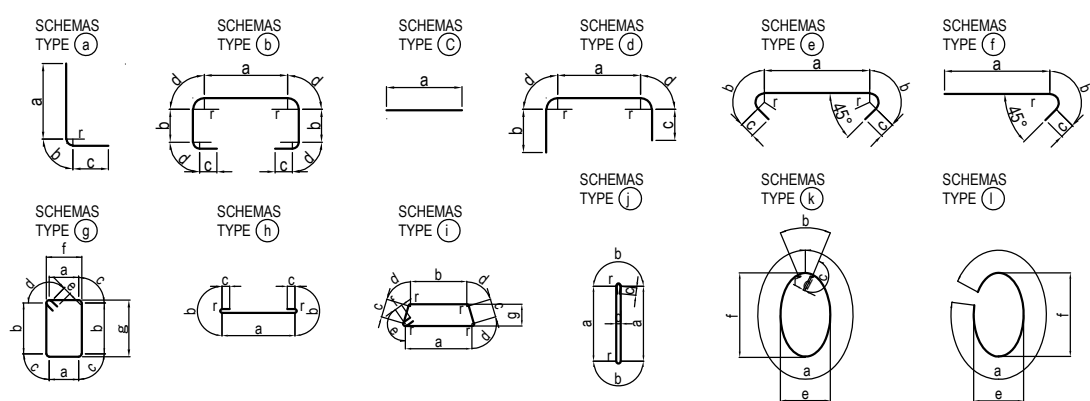
COUPE 4 - 4



COUPE 5 - 5



Entre parenthèses dimensions pour B2.
In parentheses dimensions for B2.



NO	ACJER	DIAMETRE	SCHEMAS TYPE	a (m)	b (m)	C (m)	d (m)	e (m)	f (m)	g (m)	r (m)	LONG(m)	NOMBRE	LONG.TOTALE (m)
QUANTITE D'ARMATURES POUR UN PILE / QUANTITY OF REBARS FOR A PIER														
C 1	HA	32	(a)	6.45	0.13	0.48	---	---	---	---	0.182	7.06	28	197.68
C 2	HA	20	(e)	2.57 1.75	0.17	0.20	---	---	---	---	0.120	2.90	6	17.40
C 3	HA	20	(e)	1.46 0.64	0.17	0.20	---	---	---	---	0.120	1.79	12	21.48
C 4	HA	20	(f)	1.03	0.17	0.20	---	---	---	---	0.120	1.40	1	1.40
C 5	HA	20	(f)	0.29	0.17	0.20	---	---	---	---	0.120	0.66	1	0.66
C 6	HA	20	(f)	1.16	0.17	0.20	---	---	---	---	0.120	1.53	1	1.53
C 7	HA	20	(c)	0.80	---	---	---	---	---	---	---	0.80	3	2.40
C 8	HA	10	(k)	7.02	0.50	0.08	0.10	1.64	2.75	---	0.030	7.98	27	215.46
C 9	HA	10	(l)	6.62	---	---	---	1.64	2.75	---	---	6.62	1	6.62
C 10	HA	10	(i)	2.55	2.25	0.25	0.04	0.06	0.10	0.24	0.030	5.86	54	316.44
C 11	HA	10	(j)	2.67	0.08	0.10	0.05	---	---	---	0.030	5.93	27	160.11
C 12	HA	10	(h)	1.89	0.08	0.10	---	---	---	---	0.030	2.35	54	126.90
C 13	HA	10	(i)	1.54	1.54	0.53	0.04	0.06	0.10	0.53	0.030	4.70	27	126.90
C 14	HA	10	(i)	1.46	1.32	0.25	0.04	0.06	0.10	0.28	0.030	3.84	54	207.36
C 15	HA	10	(i)	1.11	0.82	0.25	0.04	0.06	0.10	0.24	0.030	2.99	54	161.46
C 16	HA	10	(h)	1.55	0.13	0.10	---	---	---	---	0.030	2.01	27	54.27
F 1	HA	32	(c)	3.90	---	---	---	---	---	---	---	3.90	29	113.10
F 2	HA	32	(c)	2.90	---	---	---	---	---	---	---	2.90	39	113.10
F 3	HA	25	(e)	7.20	0.32	0.25	---	---	---	---	0.150	8.34	43	358.62
F 4	HA	25	(e)	4.20	0.32	0.25	---	---	---	---	0.150	5.34	73	389.82
F 5a	HA	20	(d)	1.12	6.04	1.00	0.17	---	---	---	0.120	8.50	43	365.50
F 5b	HA	20	(d)	1.12	2.22	1.00	0.17	---	---	---	0.120	4.68	43	201.24
F 6	HA	20	(b)	4.26	1.16	1.00	0.17	---	---	---	0.120	9.26	73	675.98
F 7	HA	20	(c)	3.90	---	---	---	---	---	---	---	3.90	29	113.10
F 8	HA	20	(c)	2.90	---	---	---	---	---	---	---	2.90	39	113.10
F 9	HA	12	(d)	7.34	0.60	0.60	0.09	---	---	---	0.062	8.72	12	104.64
F 10	HA	12	(c)	4.34	---	---	---	---	---	---	---	4.34	12	52.08
F 11	HA	16	(g)	0.06	1.22	0.13	0.20	0.16	0.22	1.38	0.091	3.67	364	1335.88
F 12	HA	16	(g)	0.16	1.22	0.13	0.20	0.16	0.32	1.38	0.091	3.87	310	1199.70
F 13	HA	16	(h)	1.22	0.26	0.16	---	---	---	---	0.091	1.95	31	60.45
B1														
S 1	HA	16	(e)	2.12	0.20	0.16	---	---	---	---	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	---	---	---	---	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	---	---	---	---	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	---	---	---	---	0.089	1.45	26	37.70
D 1	HA	10	(d)	0.70	0.90	0.90	0.04	---	---	---	0.030	2.58	10	25.80
D 2	HA	10	(g)	0.72	0.72	0.04	0.06	0.10	0.77	0.77	0.030	3.32	5	16.60
D 3	HA	10	(g)	0.17	0.72	0.04	0.06	0.10	0.22	0.77	0.030	2.28	16	36.48
B2														
S 1	HA	16	(e)	2.12	0.20	0.16	---	---	---	---	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	---	---	---	---	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	---	---	---	---	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	---	---	---	---	0.089	1.45	26	37.70
D 1-1	HA	10	(d)	0.70	0.90	0.90	0.04	---	---	---	0.030	2.58	4	10.32
D 1-2	HA	10	(g)	0.64	0.90	0.90	0.04	---	---	---	0.030	2.52	6	15.12
D 2	HA	10	(g)	0.72	0.66	0.04	0.06	0.10	0.77	0.71	0.030	3.20	5	16.00
D 3-1	HA	10	(g)	0.17	0.66	0.04	0.06	0.10	0.22	0.71	0.030	2.10	8	16.80
D 3-2	HA	10	(g)	0.16	0.72	0.04	0.06	0.10	0.21	0.77	0.030	2.20	8	17.60

* La dimension radiale indique l'extérieur de la barre.

RECAOITUATIF ACIERS / SUMMARY STEELS

HA	10	12	14	16	20	25	32	
POIDS (kg/m)	0.617	0.888	1.208	1.578	2.466	3.854	6.315	
LONG (m)	B1	1456.80	156.72	65.50	2629.86	1511.39	748.44	423.88
	B2	1453.76	156.72	65.50	2629.86	1511.39	748.44	423.88
TOTAL	2910.56	313.44	131.00	5259.72	3022.78	1496.88	847.76	TOTAL
POIDS (kg)	1795.82	278.33	158.25	8299.84	7454.18	5768.98	5351.91	29107.31

TOTAL POUR P2 / TOTAL FOR P2

POIDS TOTAL(kg): 29107.31

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE / JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



INGÉROSEC CORPORATION

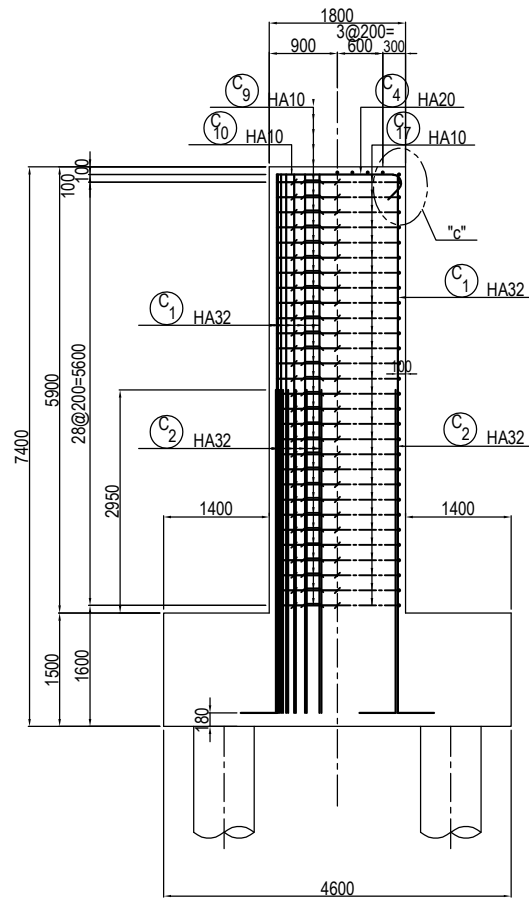
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PILE P2 - FERRAILLAGE (3)
A1 E=1:30, A3 E=1:60
PIER P2 - BAR ARRANGEMENT (3)
A1 S=1:30, A3 S=1:60

Indice /Index	Date /Date	Préparé par /Prepared by	Vérifié par /Checked by	Approuvé par /Approved by	Description /Description	Statut /Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

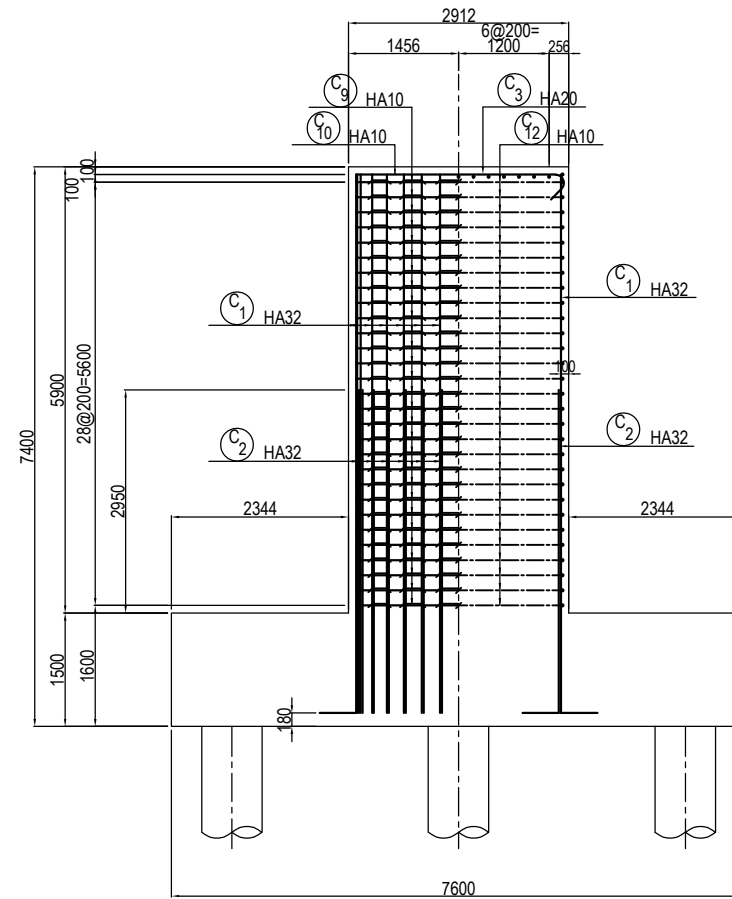
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			OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-006	A

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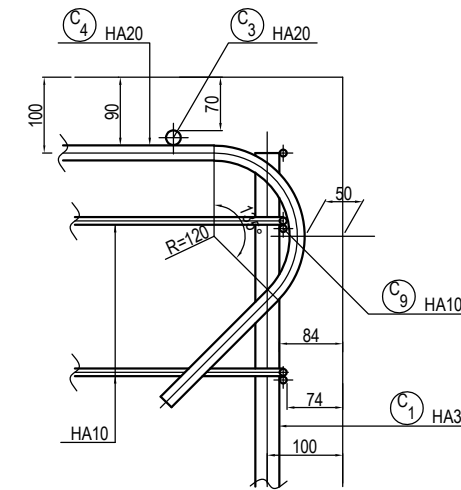
COUPE 1 - 1 COUPE 2 - 2



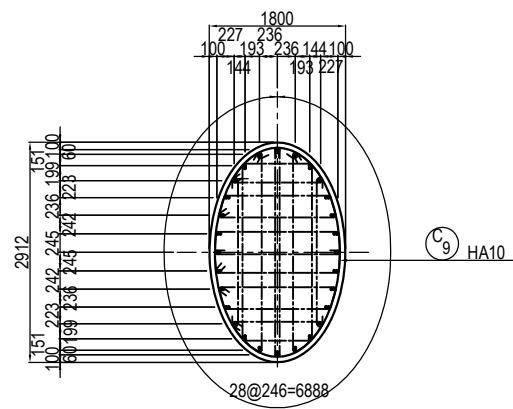
COUPE 3 - 3 COUPE 4 - 4



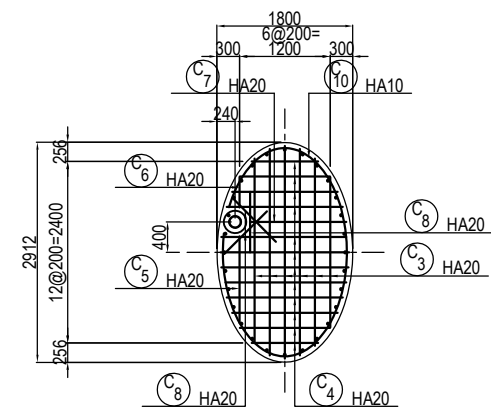
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 A1 S=1:5, A3 S=1:10



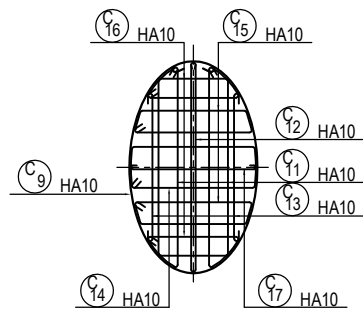
COUPE 5 - 5



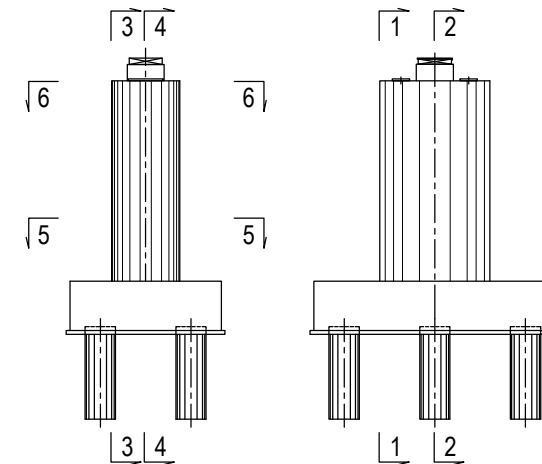
COUPE 6 - 6



ARRANGEMENT DE CADRES, ETRIS ET EPINGLES
 / ARRANGEMENT DE CADRES, ETRIS ET EPINGLES



POSITION DE LA SECTION
 / POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
 Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
 / JAPAN INTERNATIONAL COOPERATION AGENCY



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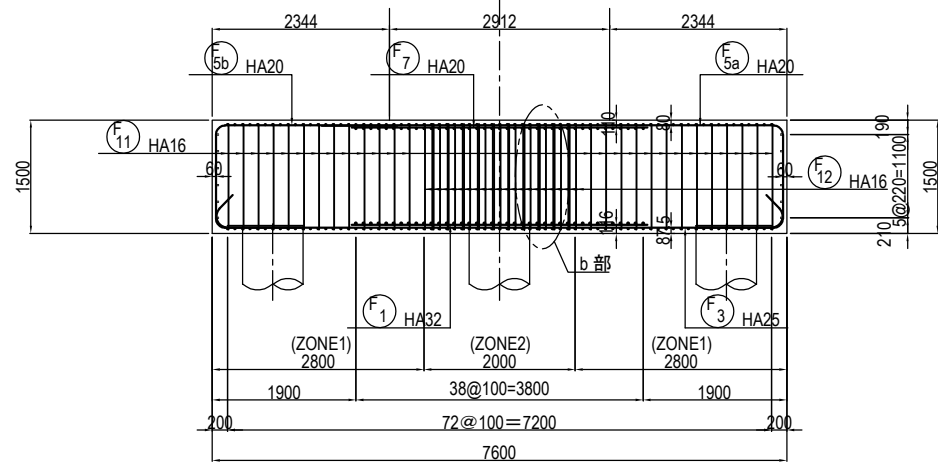
ECOLE DE POLICE
 PILE P3 - FERRAILLAGE (1)
 PIER P3 - BAR ARRANGEMENT (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

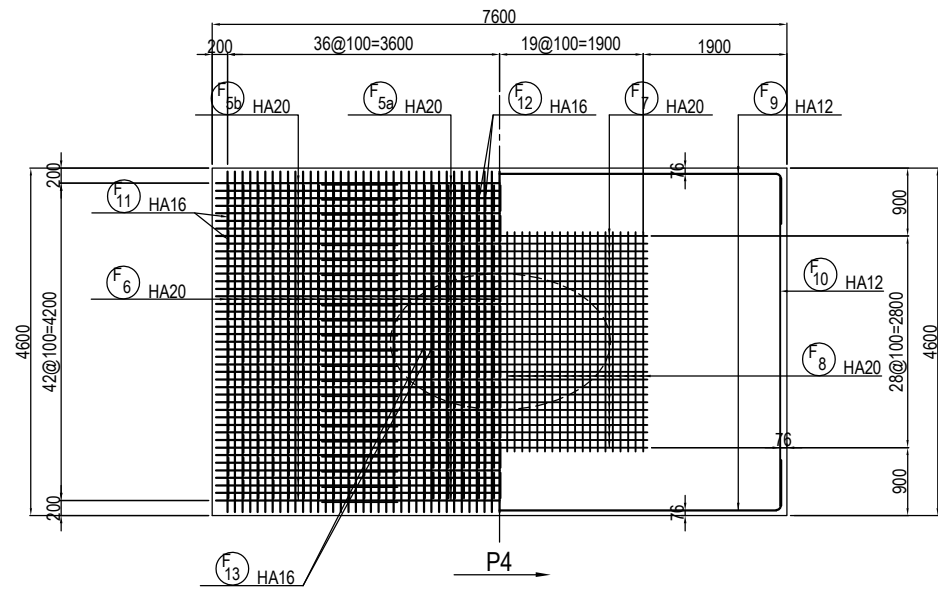
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Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-007	A	

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A1 S=1:50, A3 S=1:100

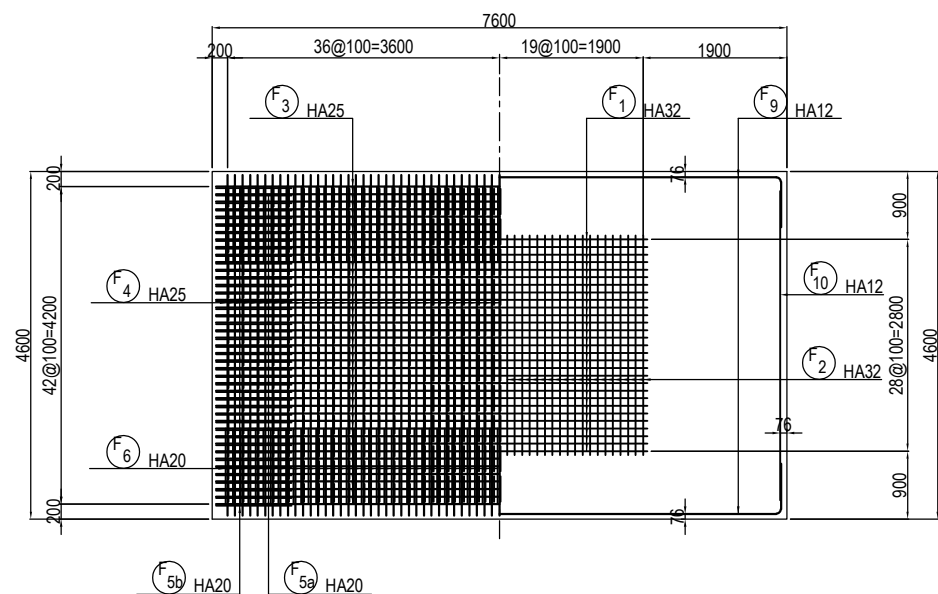
COUPE 1 - 1



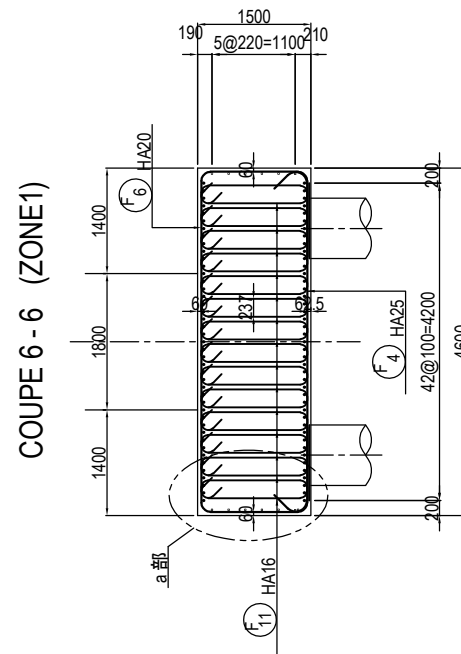
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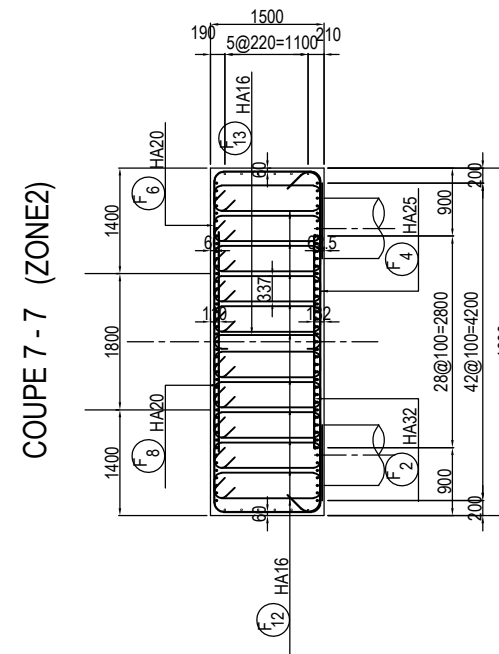
COUPE 4 - 4



COUPE 3 - 3

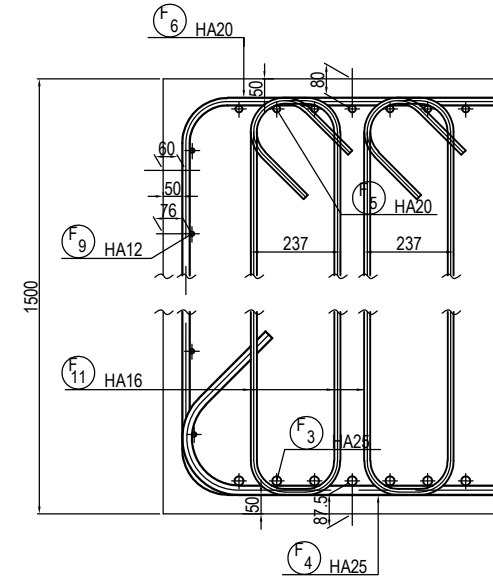


COUPE 6 - 6 (ZONE1)

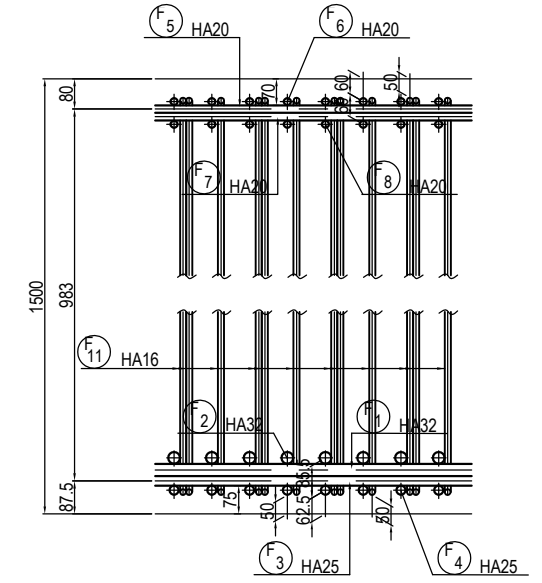


COUPE 7 - 7 (ZONE2)

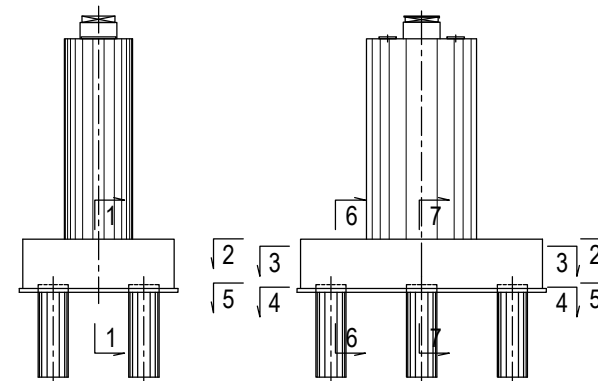
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A1 E=1:5, A3 E=1:10
A1 S=1:5, A3 S=1:10



DETAIL "b" / DETAIL "b"
A1 E=1:5, A3 E=1:10
A1 S=1:5, A3 S=1:10



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



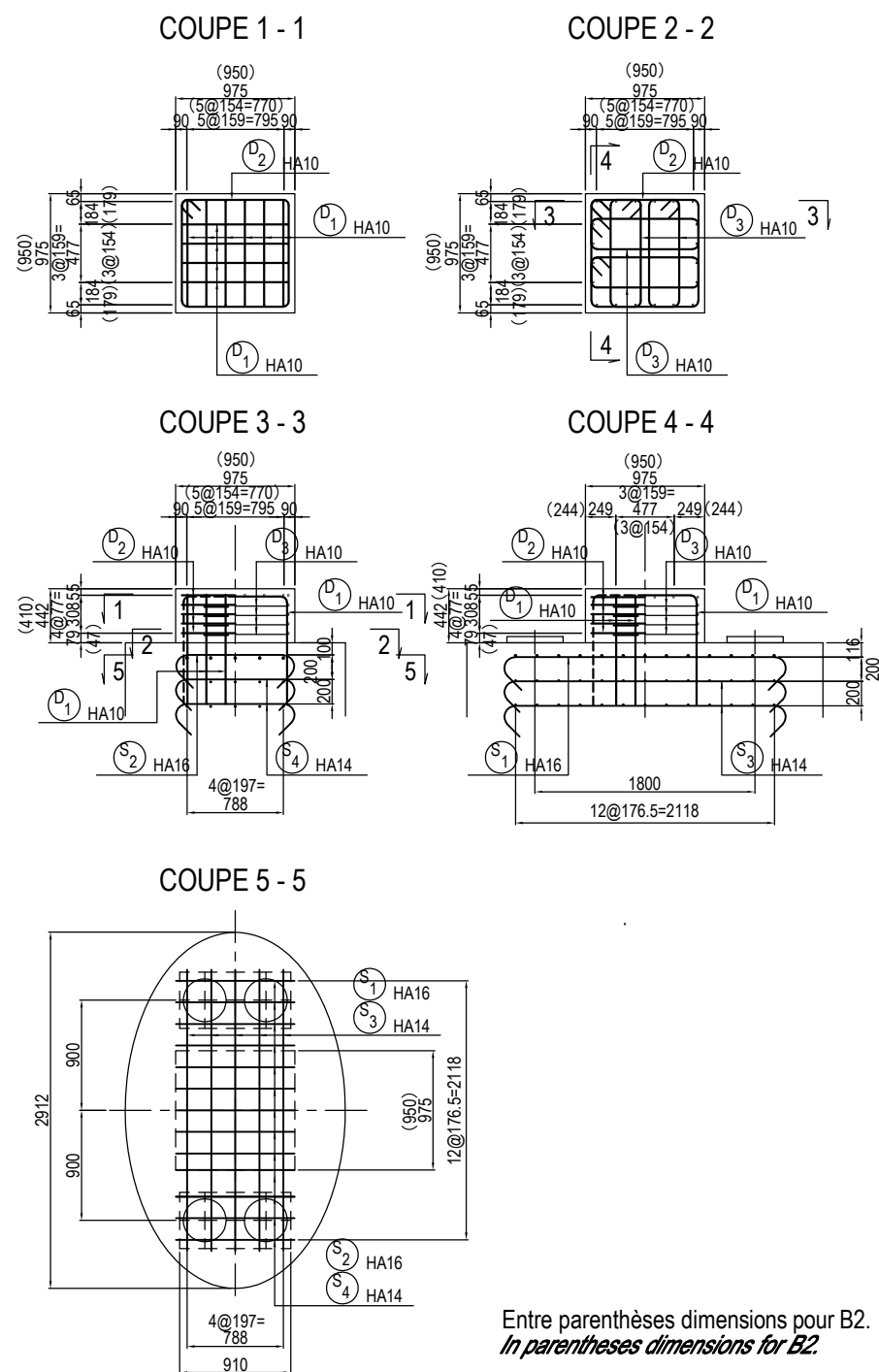
INGÉROSEC CORPORATION

ECOLE DE POLICE
PILE P3 - FERRAILLAGE (2)
PIER P3 - BAR ARRANGEMENT (2)

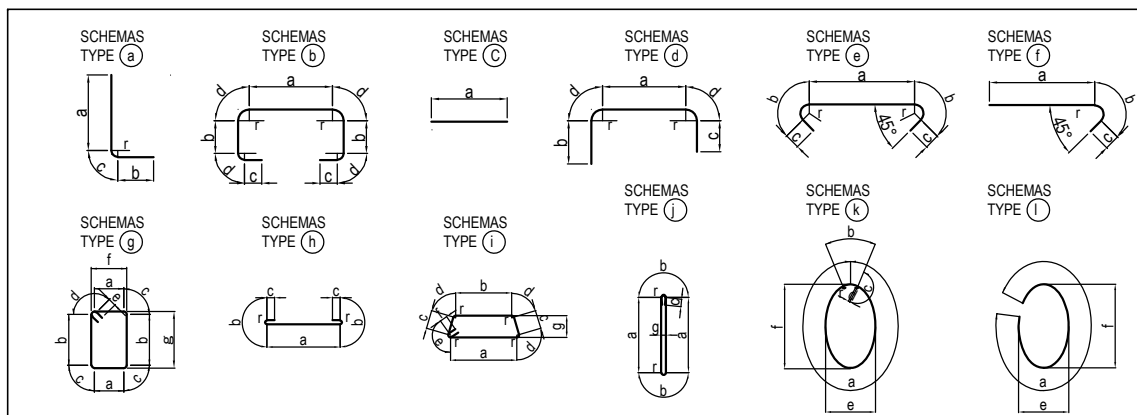
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A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File	Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
			OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-008	A

BARRE ARRIERE POUR APPAREILES D'APPUIS / REBAR ARRANGEMENT FOR BEARINGS



Entre parenthèses dimensions pour B2. / In parentheses dimensions for B2.



NO	ACJER	DIAMETRE	SCHEMAS TYPE	a (m)	b (m)	C (m)	d (m)	e (m)	f (m)	g (m)	r (m)	LONG(m)	NOMBRE	LONG.TOTALE (m)
QUANTITE D'ARMATURES POUR UN PILE / QUANTITY OF REBARS FOR A PIER														
C 1	HA	32	(a)	6.95	0.48	0.26	—	—	—	—	0.182	7.69	28	215.32
C 2	HA	32	(a)	4.10	0.48	0.26	—	—	—	—	0.182	4.84	28	135.52
C 3	HA	20	(e)	(2.57) 1.75	0.17	0.20	—	—	—	—	0.120	2.90	6	17.40
C 4	HA	20	(e)	(1.46) ~0.64	0.17	0.20	—	—	—	—	0.120	1.79	12	21.48
C 5	HA	20	(f)	1.03	0.17	0.20	—	—	—	—	0.120	1.40	1	1.40
C 6	HA	20	(f)	0.29	0.17	0.20	—	—	—	—	0.120	0.66	1	0.66
C 7	HA	20	(f)	1.16	0.17	0.20	—	—	—	—	0.120	1.53	1	1.53
C 8	HA	20	(c)	0.80	—	—	—	—	—	—	—	0.80	3	2.40
C 9	HA	10	(k)	7.02	0.50	0.13	0.10	1.64	2.75	—	0.045	7.98	29	231.42
C 10	HA	10	(i)	6.62	—	—	—	1.64	2.75	—	—	6.62	1	6.62
C 11	HA	10	(i)	2.55	2.25	0.25	0.06	0.09	0.10	0.24	0.045	5.86	58	339.88
C 12	HA	10	(j)	2.67	0.13	0.10	—	—	—	0.08	0.045	5.93	29	171.97
C 13	HA	10	(h)	1.89	0.13	0.10	—	—	—	—	0.045	2.35	58	136.30
C 14	HA	10	(i)	1.54	1.54	0.53	0.06	0.09	0.10	0.53	0.045	4.70	29	136.30
C 15	HA	10	(i)	1.46	1.32	0.25	0.06	0.09	0.10	0.28	0.045	3.84	58	222.72
C 16	HA	10	(i)	1.11	0.82	0.25	0.06	0.09	0.10	0.24	0.045	2.99	58	173.42
C 17	HA	10	(h)	1.55	0.13	0.10	—	—	—	—	0.045	2.01	29	58.29
F 1	HA	32	(c)	3.90	—	—	—	—	—	—	—	3.90	29	113.10
F 2	HA	32	(c)	2.90	—	—	—	—	—	—	—	2.90	39	113.10
F 3	HA	25	(e)	7.20	0.32	0.25	—	—	—	—	0.150	8.34	43	358.62
F 4	HA	25	(e)	4.20	0.32	0.25	—	—	—	—	0.150	5.34	73	389.82
F 5a	HA	20	(d)	1.09	6.24	1.00	0.17	—	—	—	0.120	8.50	43	365.50
F 5b	HA	20	(d)	1.09	2.02	1.00	0.17	—	—	—	0.120	4.28	43	184.04
F 6	HA	20	(b)	4.26	1.16	1.00	0.17	—	—	—	0.120	8.92	73	651.16
F 7	HA	20	(c)	3.90	—	—	—	—	—	—	—	3.90	29	113.10
F 8	HA	20	(c)	2.90	—	—	—	—	—	—	—	2.90	39	113.10
F 9	HA	12	(d)	7.38	0.60	0.60	0.09	—	—	—	0.062	8.76	12	105.12
F 10	HA	12	(c)	4.38	—	—	—	—	—	—	—	4.38	12	52.56
F 11	HA	16	(g)	0.06	1.22	0.13	0.20	0.16	0.22	1.38	0.091	3.67	364	1335.88
F 12	HA	16	(g)	0.16	1.22	0.13	0.20	0.16	0.32	1.38	0.091	3.87	310	1199.70
F 13	HA	16	(h)	1.22	0.26	0.16	—	—	—	—	0.091	2.06	31	63.86
B1														
S 1	HA	16	(e)	2.12	0.20	0.16	—	—	—	—	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	—	—	—	—	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	—	—	—	—	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	—	—	—	—	0.089	1.45	26	37.70
D 1	HA	10	(d)	0.80	0.90	0.90	0.04	—	—	—	0.030	2.68	10	26.80
D 2	HA	10	(g)	0.82	0.82	0.04	0.06	0.10	0.87	0.87	0.030	3.72	5	18.60
D 3	HA	10	(g)	0.19	0.82	0.04	0.06	0.10	0.24	0.87	0.030	2.46	16	39.36
B2														
S 1	HA	16	(e)	2.12	0.20	0.16	—	—	—	—	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	—	—	—	—	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	—	—	—	—	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	—	—	—	—	0.089	1.45	26	37.70
D 1	HA	10	(d)	0.77	0.90	0.90	0.04	—	—	—	0.030	2.65	10	26.50
D 2	HA	10	(g)	0.79	0.79	0.04	0.06	0.10	0.87	0.87	0.030	3.60	5	18.00
D 3	HA	10	(g)	0.18	0.79	0.04	0.06	0.10	0.24	0.87	0.030	2.38	16	38.08

* La dimension radiale indique l'extérieur de la barre.

RECAOITUATIF ACIERS / SUMMARY STEELS

HA	10	12	14	16	20	25	32	
POIDS (kg/m)	0.617	0.888	1.208	1.578	2.466	3.854	6.315	
LONG (m)	B1	1564.08	157.68	65.50	2633.27	1469.37	748.44	577.04
	B2	1561.90	157.68	65.50	2633.27	1469.37	748.44	577.04
TOTAL	3125.98	315.36	131.00	5266.54	2938.74	1496.88	1154.08	TOTAL
POIDS (kg)	1928.73	280.04	158.25	8310.60	7246.93	5768.98	7285.71	30979.24

TOTAL POUR P3 / TOTAL FOR P3

POIDS TOTAL(kg) : 30979.24

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier

AGENCE DE GESTION DES ROUTES

AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE / JAPAN INTERNATIONAL COOPERATION AGENCY

ORIENTAL CONSULTANTS GLOBAL CO., LTD.

INGÉROSEC CORPORATION

**ECOLE DE POLICE
PILE P3 - FERRAILLAGE (3)
A1 E=1:30, A3 E=1:60
PIER P3 - BAR ARRANGEMENT (3)
A1 S=1:30, A3 S=1:60**

Indice Auteur	Date Date	Préparé par Prepared by	Vérifié par Checked by	Approuvé par Approved by	Description Description	Statut Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier/ File :	
Émetteur Author	Localisation Location	Type d'ouvrage -Activité Type of structure -Activity	Type de document Type of document
OCC, ISEC	BFM	PONT	DESSINS
		N° No.	Indice Index
		H-EP-FE-009	A

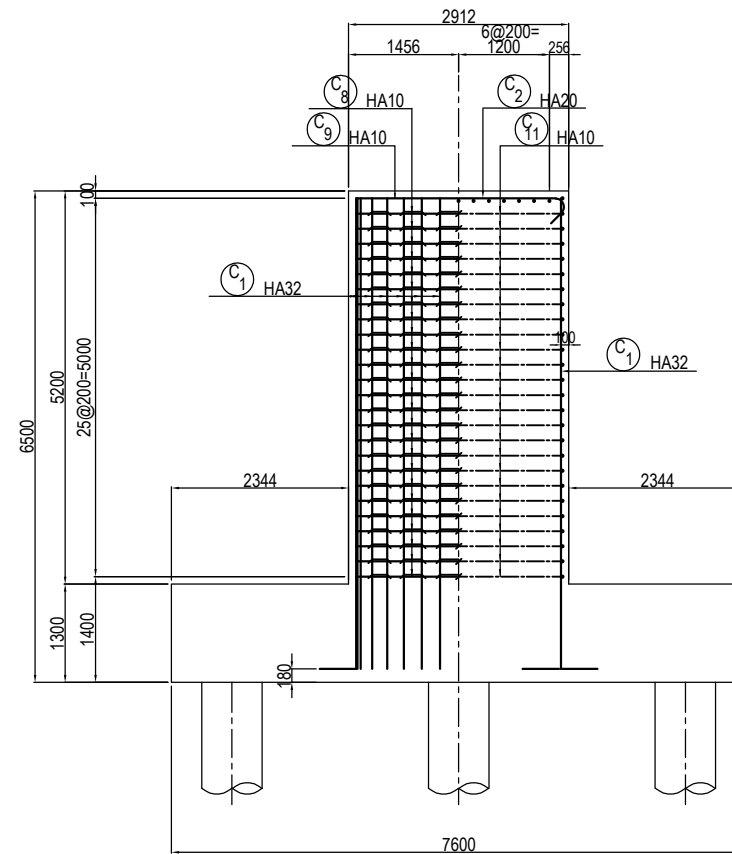
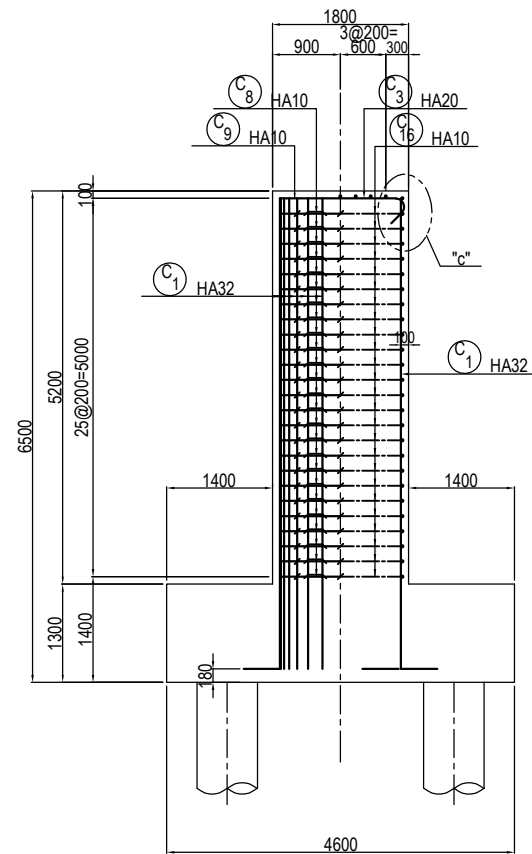
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COUPE 1 - 1

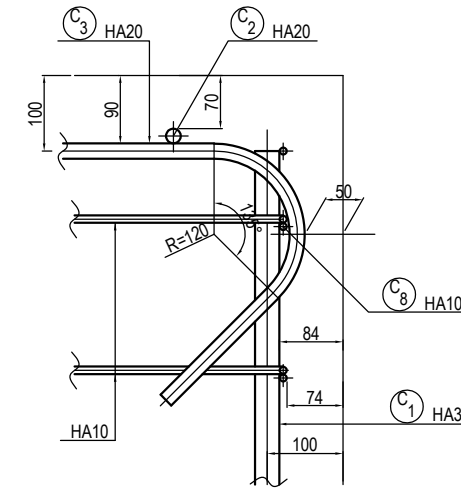
COUPE 2 - 2

COUPE 3 - 3

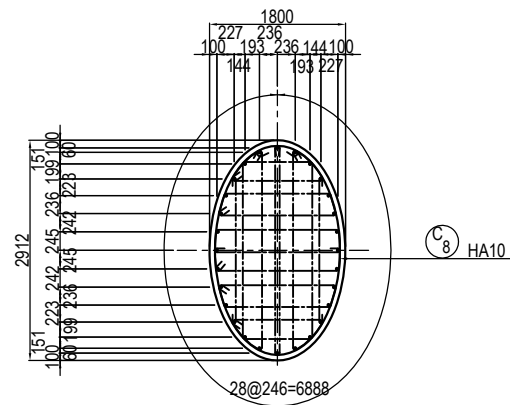
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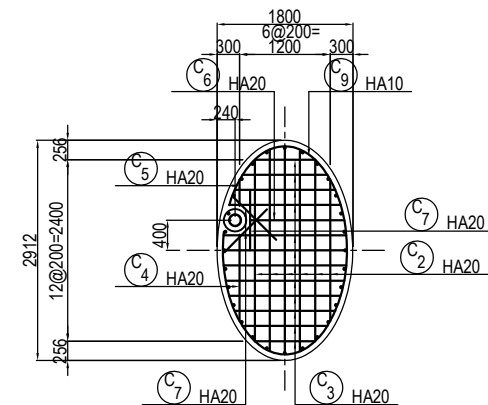
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A1 S=1:5, A3 S=1:10



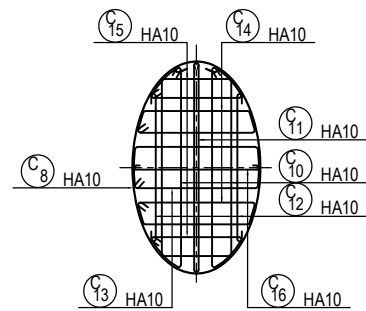
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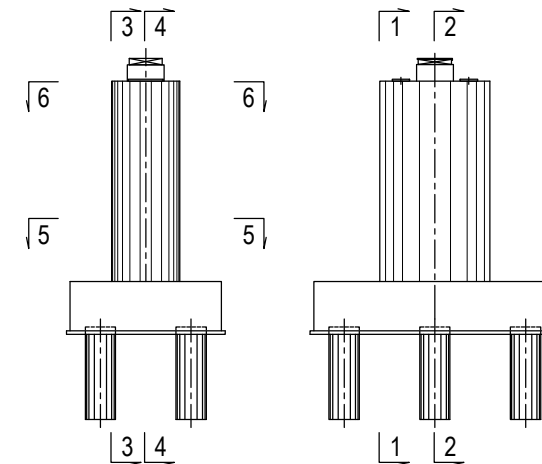
COUPE 6 - 6



ARRANGEMENT DE CADRES, ETRIS ET EPINGLES
/ ARRANGEMENT DE CADRES, ETRIS ET EPINGLES



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



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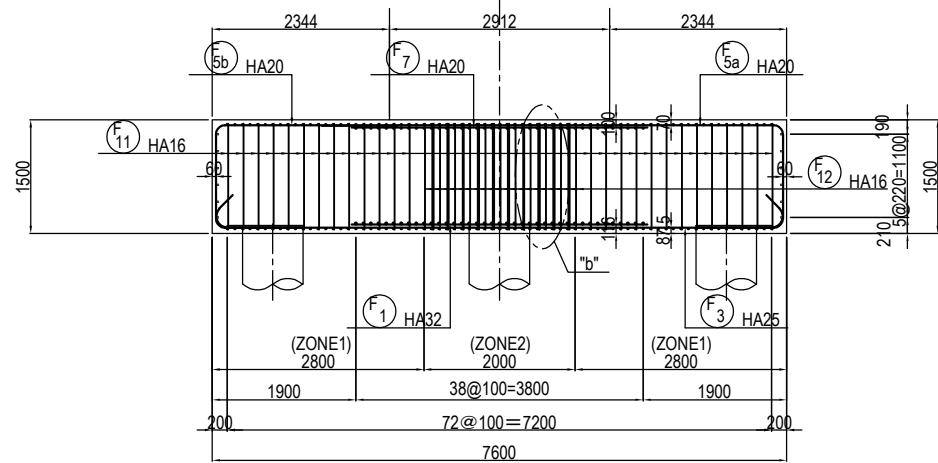
ECOLE DE POLICE
PILE P4 - FERRAILLAGE (1)
PIER P4 - BAR ARRANGEMENT (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
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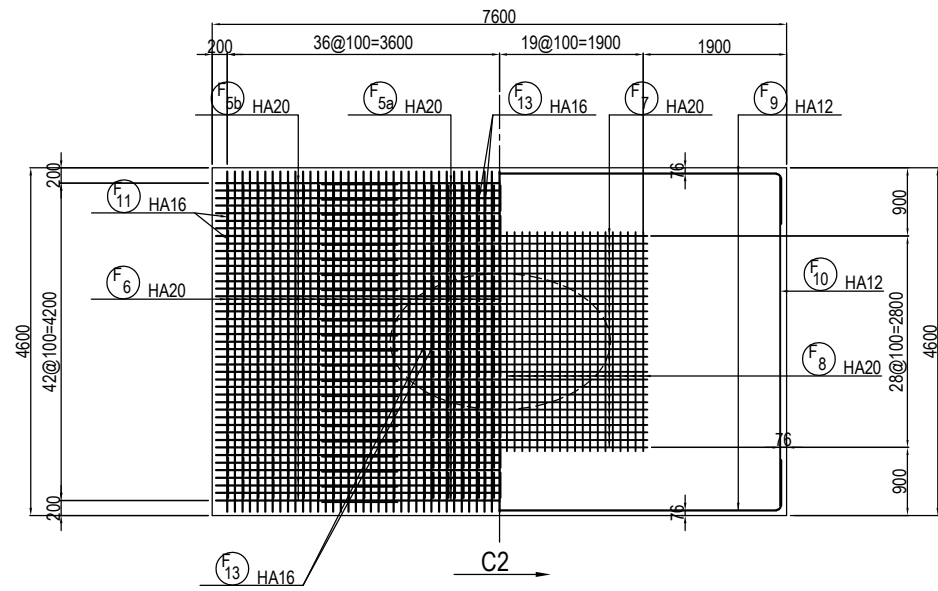
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Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-010	A	

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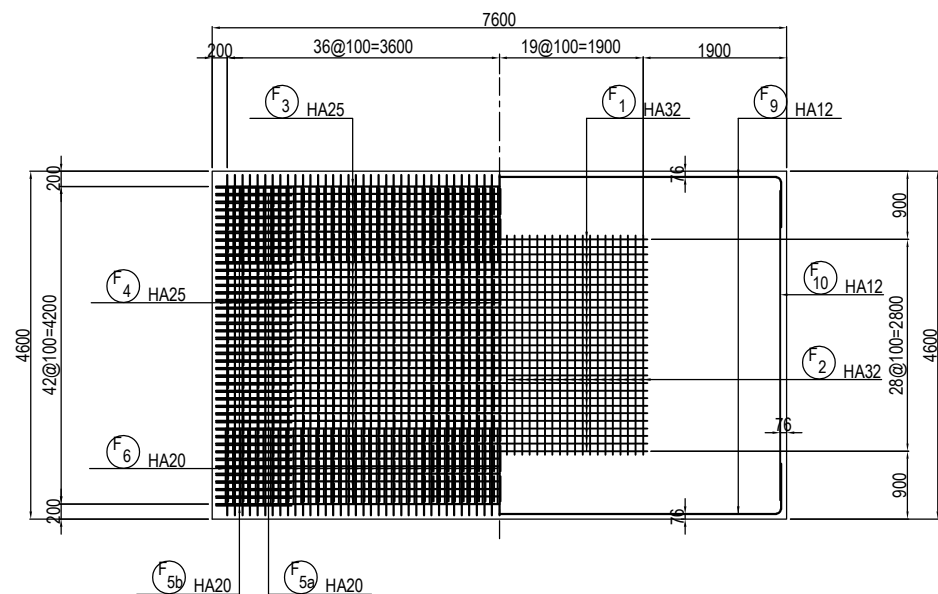
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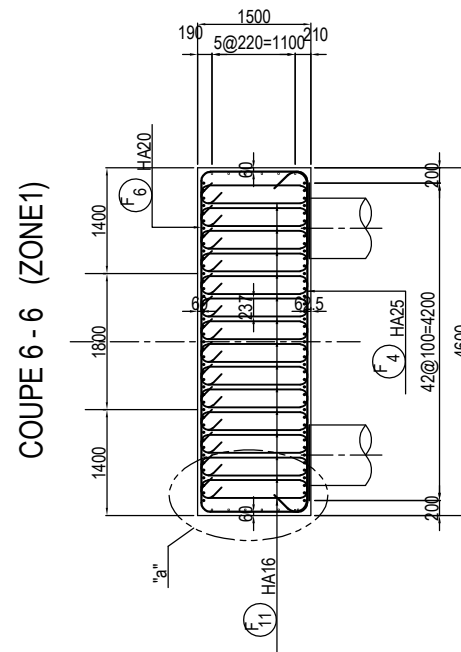
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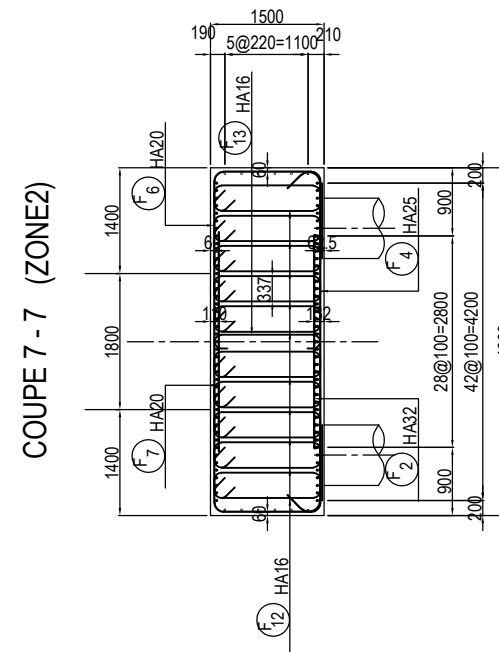
COUPE 4 - 4



COUPE 3 - 3

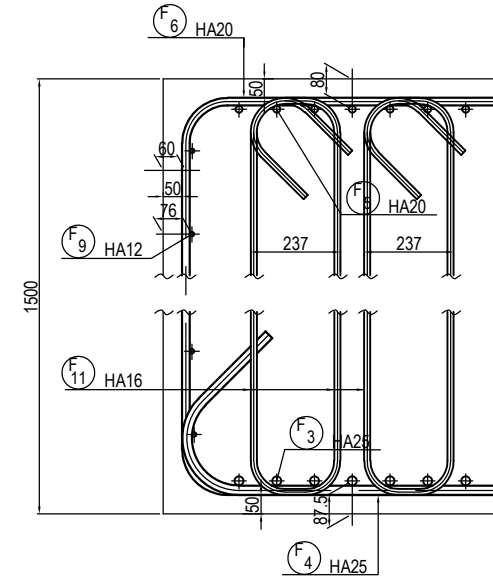


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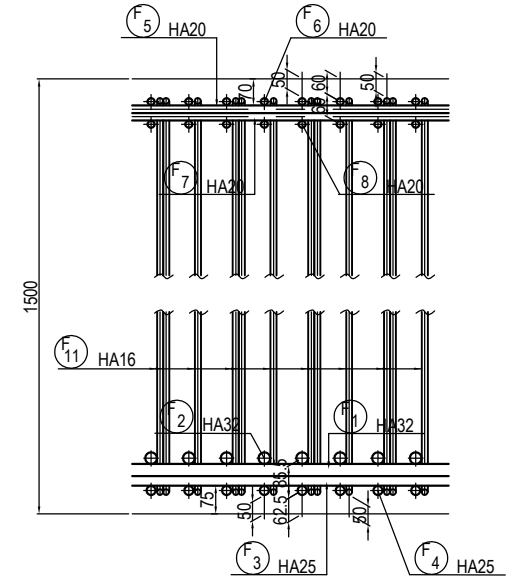


COUPE 7 - 7 (ZONE2)

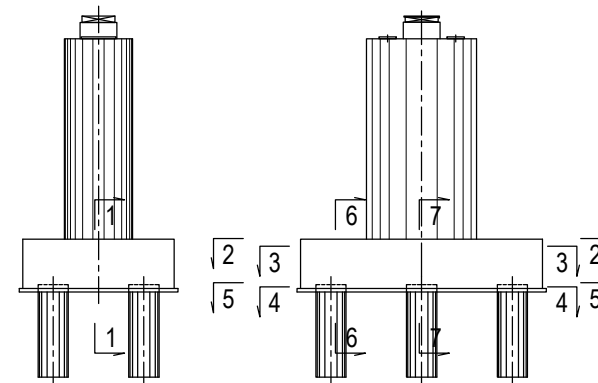
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A1 S=1:5, A3 S=1:10



DETAIL "b" / DETAIL "b"
A1 E=1:5, A3 E=1:10
A1 S=1:5, A3 S=1:10



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



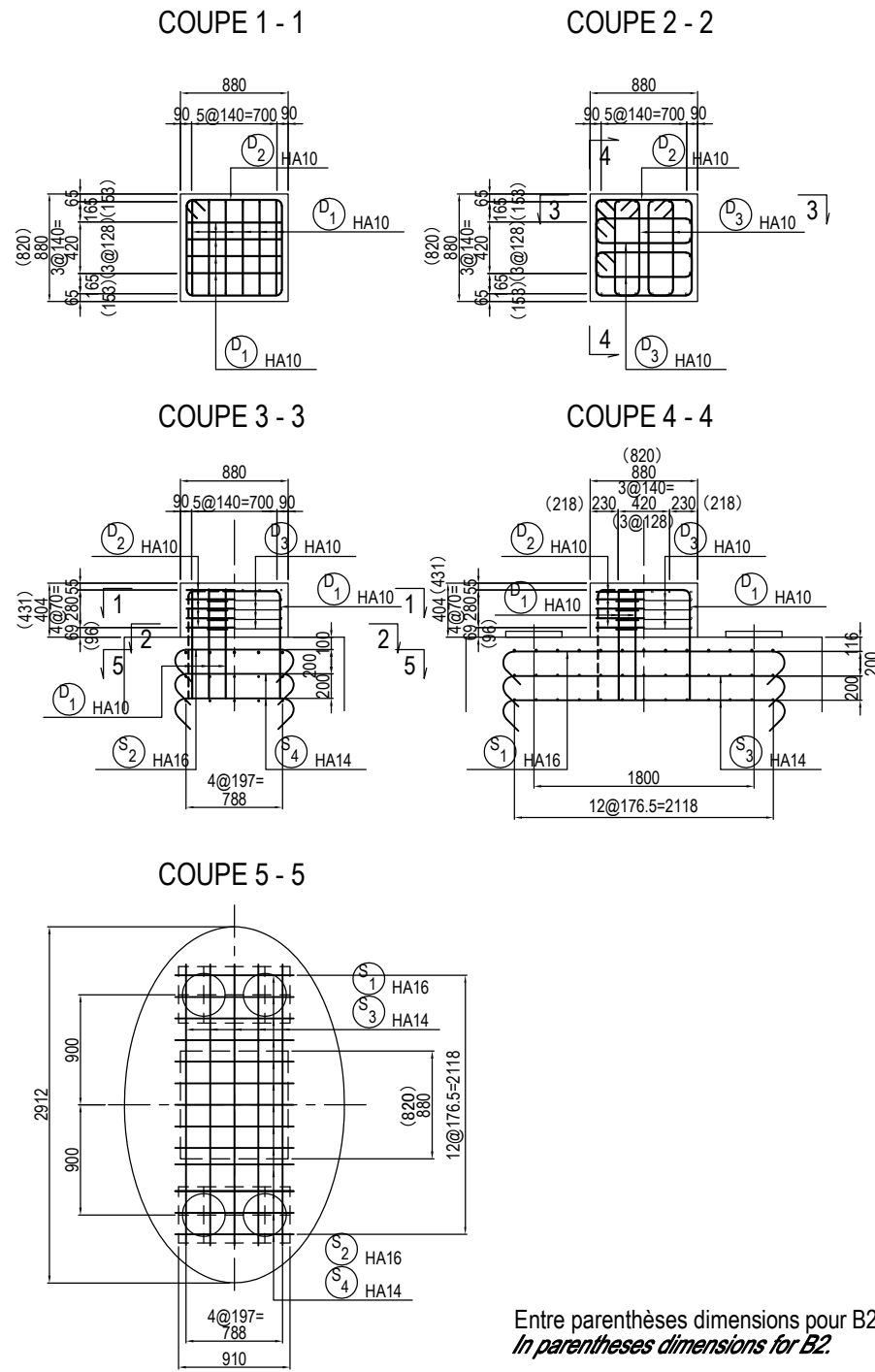
INGÉROSEC CORPORATION

ECOLE DE POLICE
PILE P4 - FERRAILLAGE (2)
PIER P4 - BAR ARRANGEMENT (2)

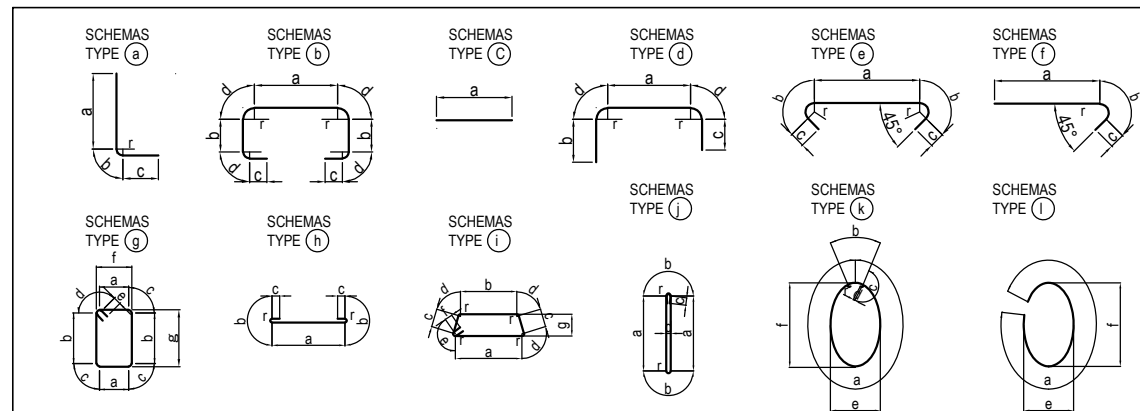
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-011	A

BARRE ARRIERE POUR APPAREILES D'APPUIS / REBAR ARRANGEMENT FOR BEARINGS



Entre parenthèses dimensions pour B2.
In parentheses dimensions for B2.



NO	ACJER	DIAMETRE	SCHMAS TYPE	a (m)	b (m)	C (m)	d (m)	e (m)	f (m)	g (m)	r (m)	LONG(m)	NOMBRE	LONG.TOTALE (m)
QUANTITE D'ARMATURES POUR UN PILE / QUANTITY OF REBARS FOR A PIER														
C 1	HA	32	(a)	6.05	0.13	0.48	—	—	—	—	0.182	6.66	28	186.48
C 2	HA	20	(e)	2.57 1.75	0.17	0.20	—	—	—	—	0.120	2.90	6	17.40
C 3	HA	20	(e)	1.46 0.64	0.17	0.20	—	—	—	—	0.120	1.79	12	21.48
C 4	HA	20	(f)	1.03	0.17	0.20	—	—	—	—	0.120	1.40	1	1.40
C 5	HA	20	(f)	0.29	0.17	0.20	—	—	—	—	0.120	0.66	1	0.66
C 6	HA	20	(f)	1.16	0.17	0.20	—	—	—	—	0.120	1.53	1	1.53
C 7	HA	20	(c)	0.80	—	—	—	—	—	—	—	0.80	3	2.40
C 8	HA	10	(k)	7.02	0.50	0.08	0.10	1.64	2.75	—	0.030	7.98	25	199.50
C 9	HA	10	(l)	6.62	—	—	—	1.64	2.75	—	—	6.62	1	6.62
C 10	HA	10	(i)	2.55	2.25	0.25	0.04	0.06	0.10	0.24	0.030	5.86	50	293.00
C 11	HA	10	(j)	2.67	0.08	0.10	0.05	—	—	—	0.030	5.93	25	148.25
C 12	HA	10	(h)	1.89	0.08	0.10	—	—	—	—	0.030	2.35	50	117.50
C 13	HA	10	(i)	1.54	1.54	0.53	0.04	0.06	0.10	0.53	0.030	4.70	25	117.50
C 14	HA	10	(l)	1.46	1.32	0.25	0.04	0.06	0.10	0.28	0.030	3.84	50	192.00
C 15	HA	10	(i)	1.11	0.82	0.25	0.04	0.06	0.10	0.24	0.030	2.99	50	149.50
C 16	HA	10	(h)	1.55	0.13	0.10	—	—	—	—	0.030	2.01	25	50.25
B1														
F 1	HA	32	(c)	3.90	—	—	—	—	—	—	—	3.90	29	113.10
F 2	HA	32	(c)	2.90	—	—	—	—	—	—	—	2.90	39	113.10
F 3	HA	25	(e)	7.20	0.32	0.25	—	—	—	—	0.150	8.34	43	358.62
F 4	HA	25	(e)	4.20	0.32	0.25	—	—	—	—	0.150	5.34	73	389.82
F 5a	HA	20	(d)	1.12	6.04	1.00	0.17	—	—	—	0.120	8.50	43	365.50
F 5b	HA	20	(d)	1.12	2.22	1.00	0.17	—	—	—	0.120	4.68	43	201.24
F 6	HA	20	(b)	4.26	1.16	1.00	0.17	—	—	—	0.120	9.26	73	675.98
F 7	HA	20	(c)	3.90	—	—	—	—	—	—	—	3.90	29	113.10
F 8	HA	20	(c)	2.90	—	—	—	—	—	—	—	2.90	39	113.10
F 9	HA	12	(d)	7.34	0.60	0.60	0.09	—	—	—	0.062	8.72	12	104.64
F 10	HA	12	(c)	4.34	—	—	—	—	—	—	—	4.34	12	52.08
F 11	HA	16	(g)	0.06	1.22	0.13	0.20	0.16	0.22	1.38	0.091	3.67	364	1335.88
F 12	HA	16	(g)	0.16	1.22	0.13	0.20	0.16	0.32	1.38	0.091	3.87	310	1199.70
F 13	HA	16	(h)	1.22	0.26	0.16	—	—	—	—	0.091	1.95	31	60.45
B2														
S 1	HA	16	(e)	2.12	0.20	0.16	—	—	—	—	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	—	—	—	—	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	—	—	—	—	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	—	—	—	—	0.089	1.45	26	37.70
D 1	HA	10	(d)	0.70	0.90	0.90	0.04	—	—	—	0.030	2.58	10	25.80
D 2	HA	10	(g)	0.72	0.72	0.04	0.06	0.10	0.77	0.77	0.030	3.32	5	16.60
D 3	HA	10	(g)	0.17	0.72	0.04	0.06	0.10	0.22	0.77	0.030	2.28	16	36.48
B3														
S 1	HA	16	(e)	2.12	0.20	0.16	—	—	—	—	0.091	2.84	5	14.20
S 2	HA	16	(e)	0.79	0.20	0.16	—	—	—	—	0.091	1.51	13	19.63
S 3	HA	14	(e)	2.12	0.19	0.14	—	—	—	—	0.089	2.78	10	27.80
S 4	HA	14	(e)	0.79	0.19	0.14	—	—	—	—	0.089	1.45	26	37.70
D 1-1	HA	10	(d)	0.70	0.90	0.90	0.04	—	—	—	0.030	2.58	4	10.32
D 1-2	HA	10	(g)	0.64	0.90	0.90	0.04	—	—	—	0.030	2.52	6	15.12
D 2	HA	10	(g)	0.72	0.66	0.04	0.06	0.10	0.77	0.71	0.030	3.20	5	16.00
D 3-1	HA	10	(g)	0.17	0.66	0.04	0.06	0.10	0.22	0.71	0.030	2.10	8	16.80
D 3-2	HA	10	(g)	0.16	0.72	0.04	0.06	0.10	0.21	0.77	0.030	2.20	8	17.60

* La dimension radiale indique l'extérieur de la barre.

RECAOITUATIF ACIERS / SUMMARY STEELS

HA	10	12	14	16	20	25	32	
POIDS (kg/m)	0.617	0.888	1.208	1.578	2.466	3.854	6.315	
LONG (m)	B1	1355.40	156.72	65.50	2629.86	1511.39	748.44	412.68
	B2	1352.36	156.72	65.50	2629.86	1511.39	748.44	412.68
	TOTAL	2707.76	313.44	131.00	5259.72	3022.78	1496.88	825.36
POIDS (kg)	1670.69	278.33	158.25	8299.84	7454.18	5768.98	5210.50	28840.77

TOTAL POUR P4 / TOTAL FOR P4

POIDS TOTAL(kg): 28840.77

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



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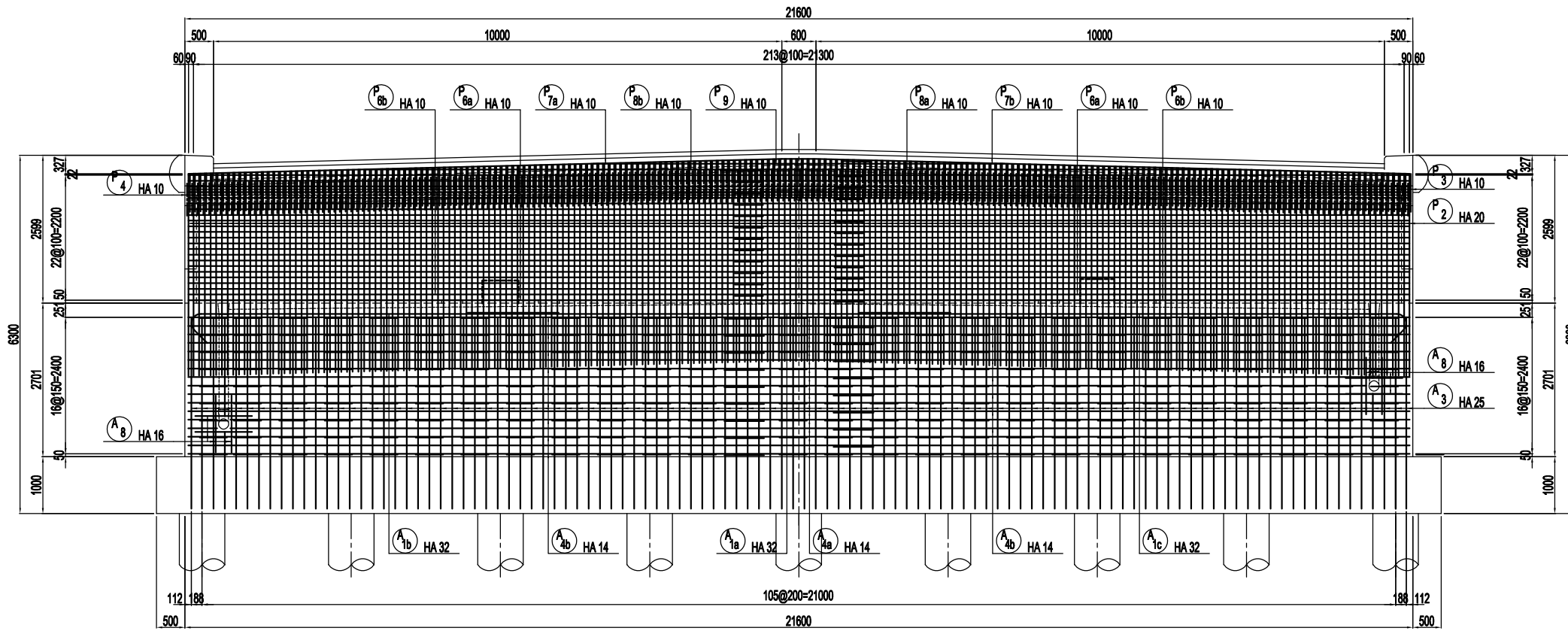
ECOLE DE POLICE
PILE P4 - FERRAILLAGE (3)
A1 E=1:30, A3 E=1:60
PIER P4 - BAR ARRANGEMENT (3)
A1 S=1:30, A3 S=1:60

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

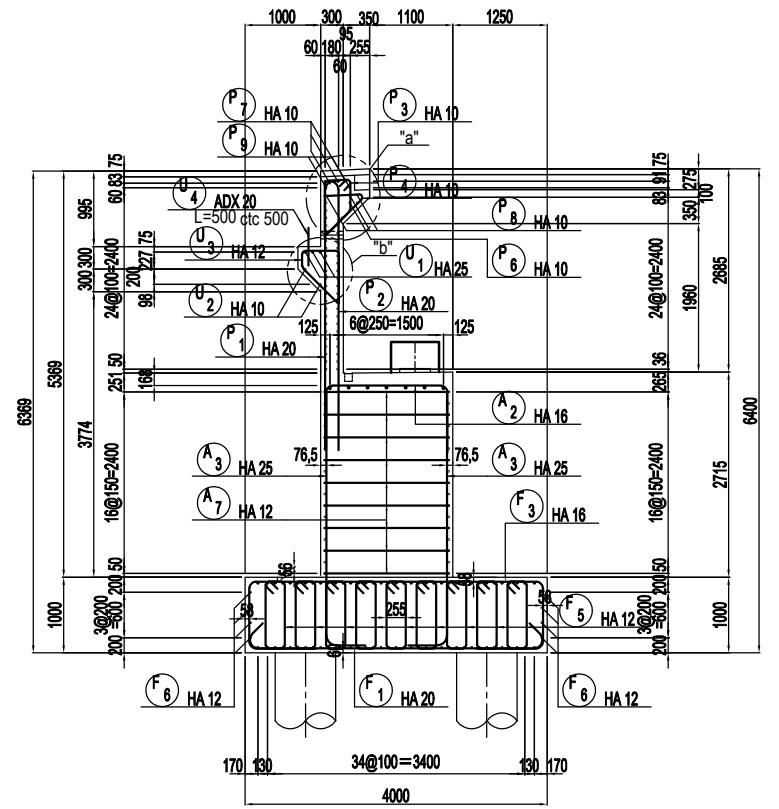
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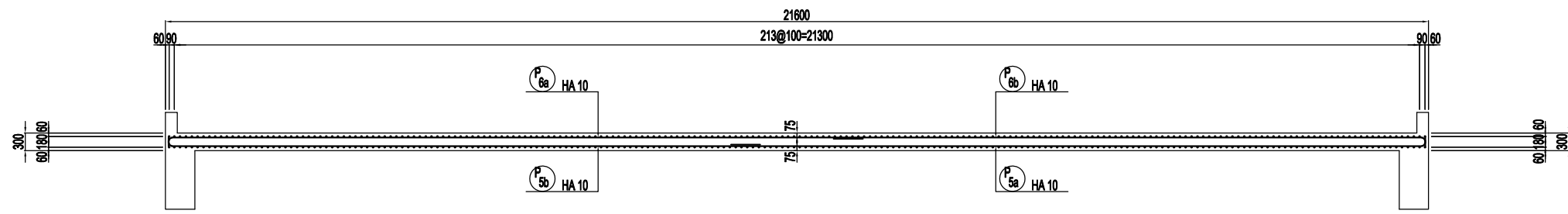
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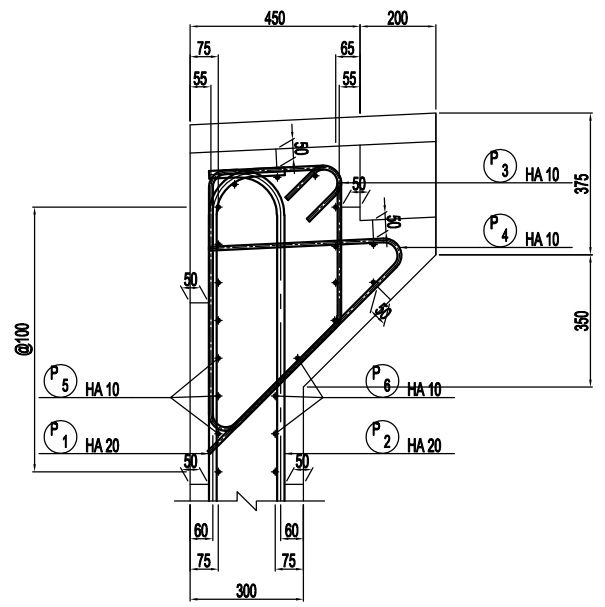
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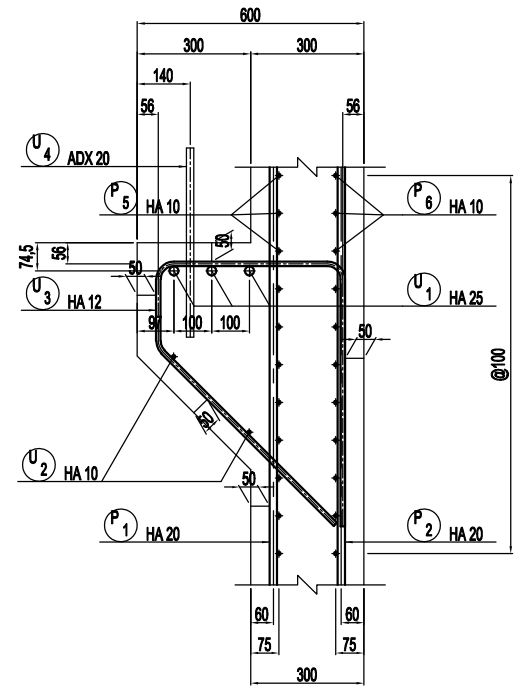
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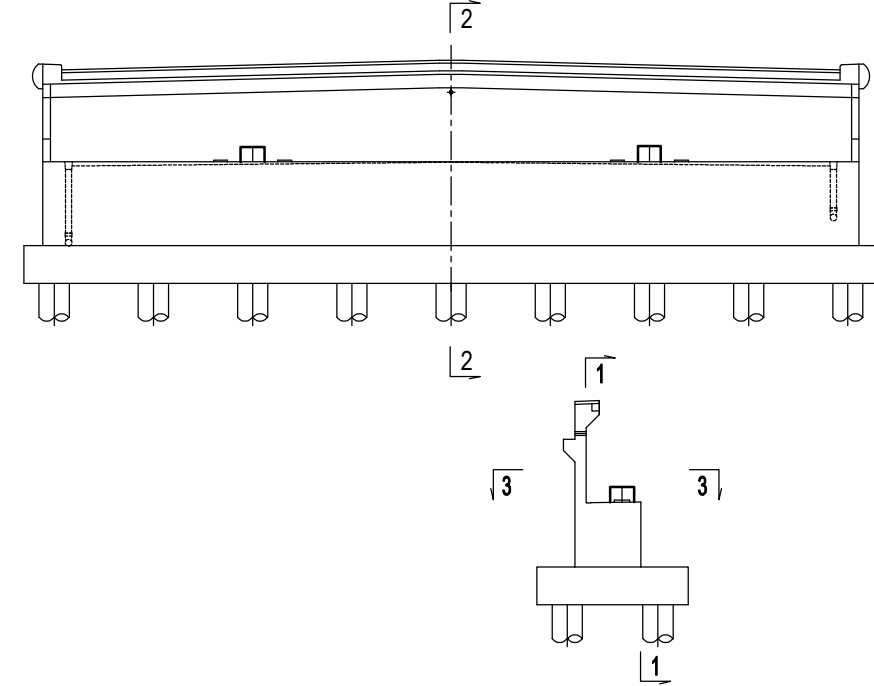
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A1 S=1:10, A3 S=1:20



DETAIL "b" / DETAIL "b"
A1 E=1:10, A3 E=1:20
A1 S=1:10, A3 S=1:20



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



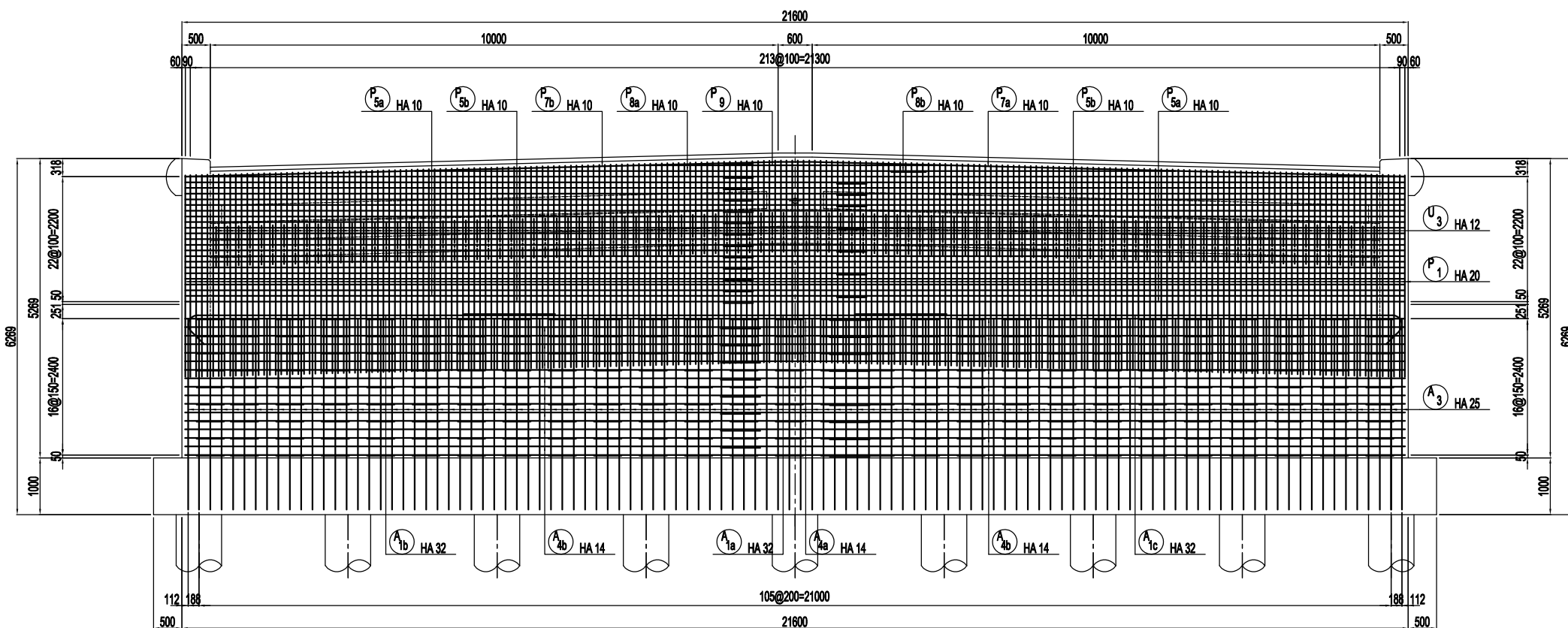
INGÉROSEC CORPORATION

ECOLE DE POLICE
CULEE C1 - FERRAILLAGE (1)
ABUTMENT C1 - BAR ARRANGEMENT (1)

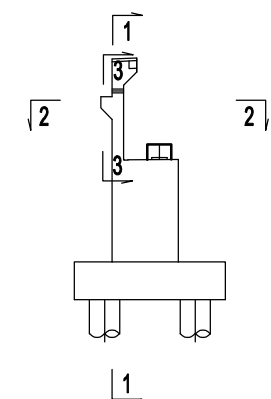
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File
Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity
OCC, ISEC	BFM	PONT
		Type de document / Type of document
		DESSINS
		N° / No.
		H-EP-FE-013
		Indice / Index
		A

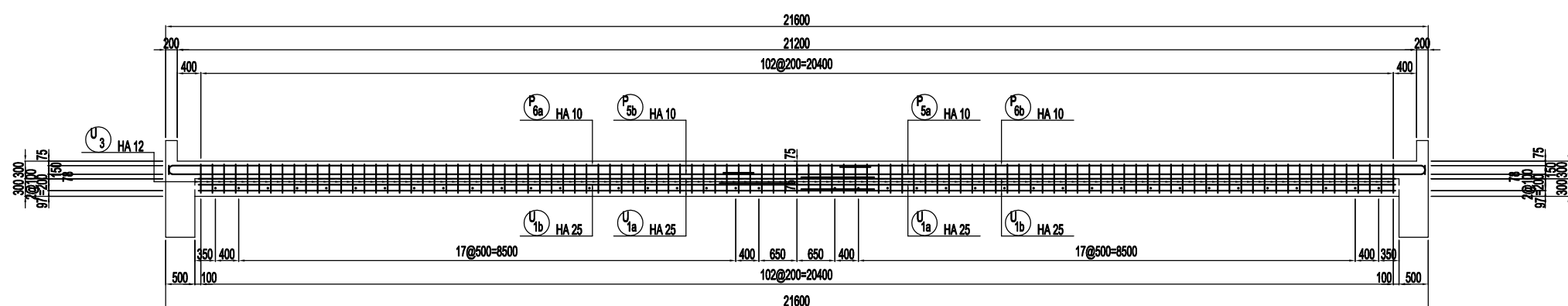
COUPE 1-1



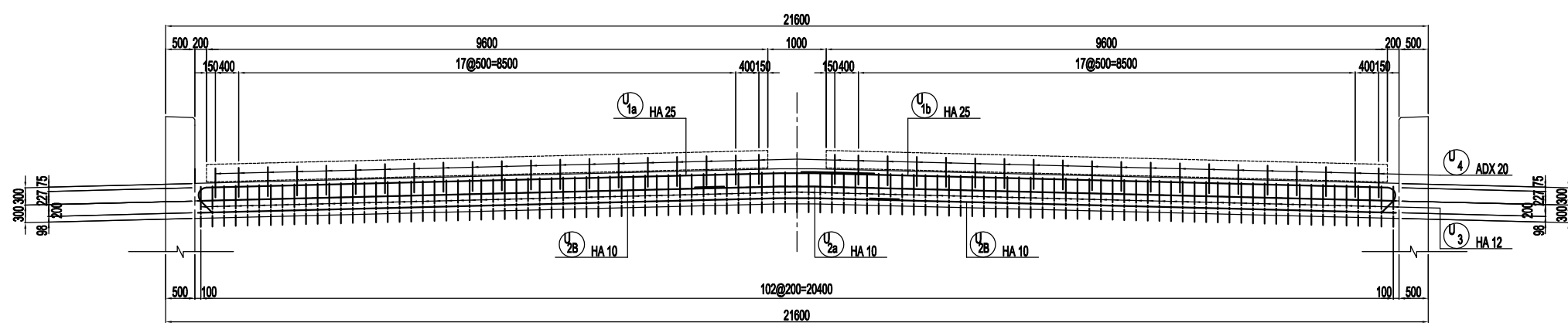
POSITION DE LA SECTION / POSITION OF THE SECTION



COUPE 2-2



COUPE 3-3



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



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INGÉROSEC CORPORATION

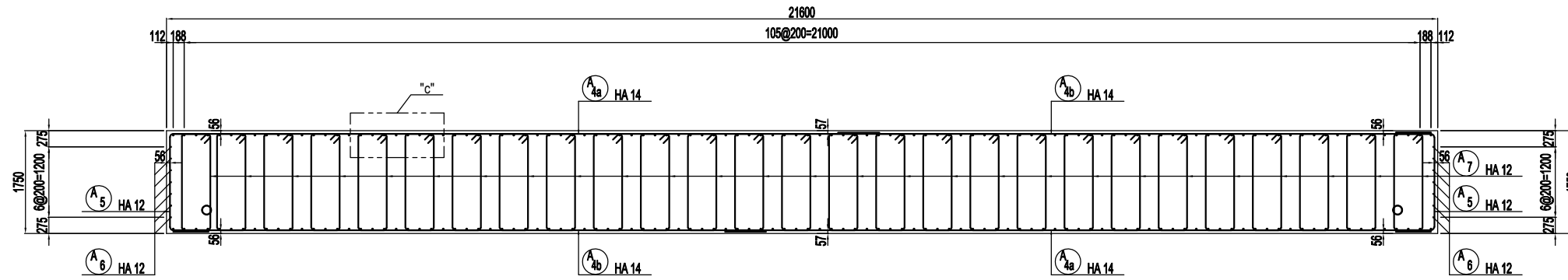
ECOLE DE POLICE
CULEE C1 - FERRAILLAGE (2)
A1 E=1:50, A3 E=1:100
ABUTMENT C1 - BAR ARRANGEMENT (2)
A1 S=1:50, A3 S=1:100

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

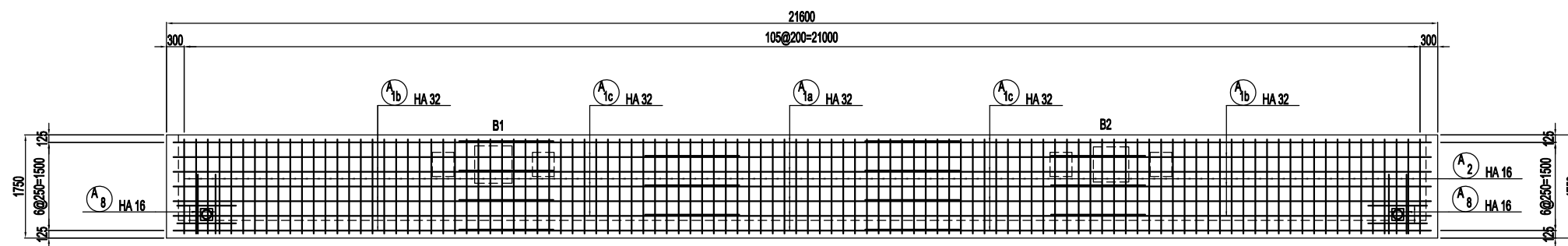
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Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-014	A

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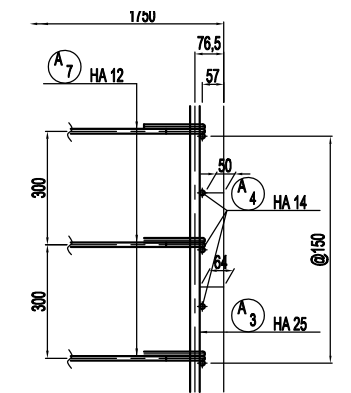
COUPE 1-1



COUPE 2-2



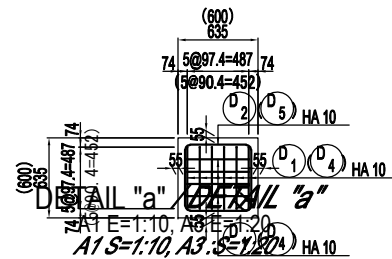
DETAIL "c" / DETAIL "c"
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A1 S=1:10, A3 S=1:20



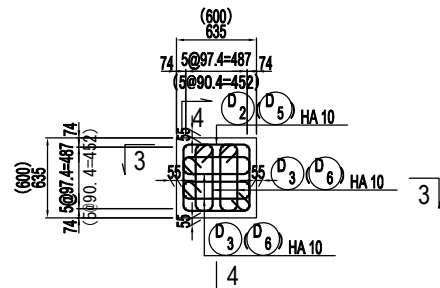
BARRE ARRIERE POUR APPAREILES D'APPUIS
/ REBAR ARRANGEMENT FOR BEARINGS

A1 E=1:30, A3 E=1:60 / A1 S=1:30, A3 S=1:60

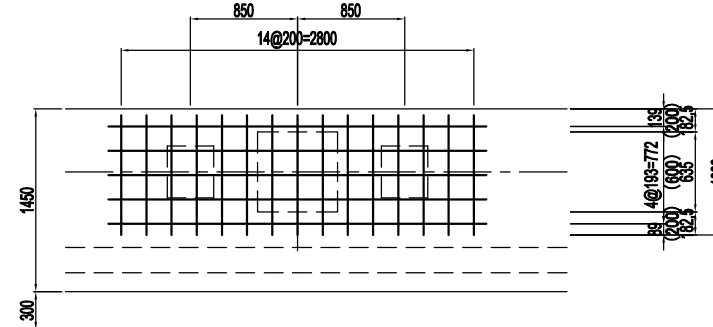
COUPE 1-1



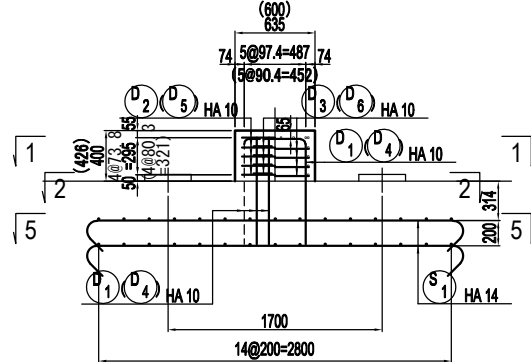
COUPE 2-2



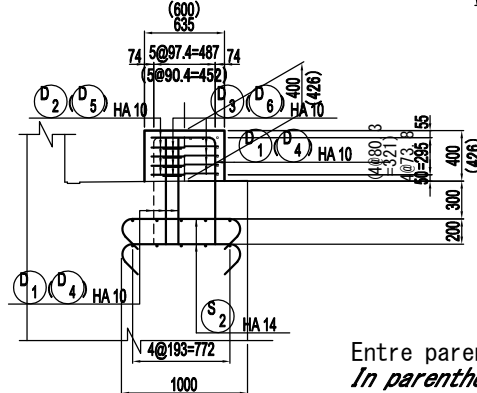
COUPE 5-5



COUPE 3-3

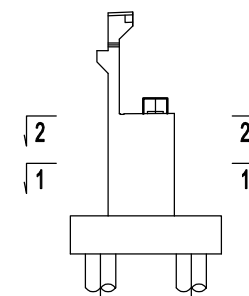


COUPE 4-4



Entre parenthèses dimensions pour B2.
In parentheses dimensions for B2.

POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

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INGÉROSEC CORPORATION

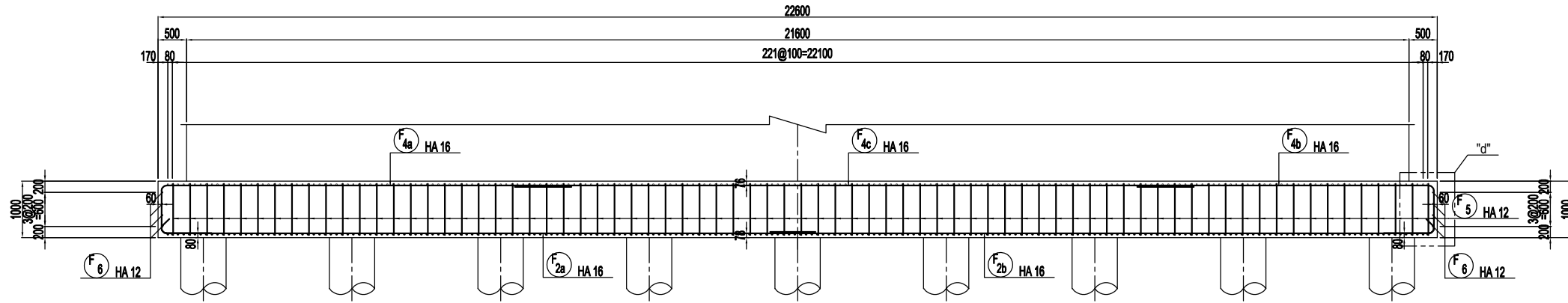
ECOLE DE POLICE
CULEE C1 - FERRAILLAGE (3)
ABUTMENT C1 - BAR ARRANGEMENT (3)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File:				
Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
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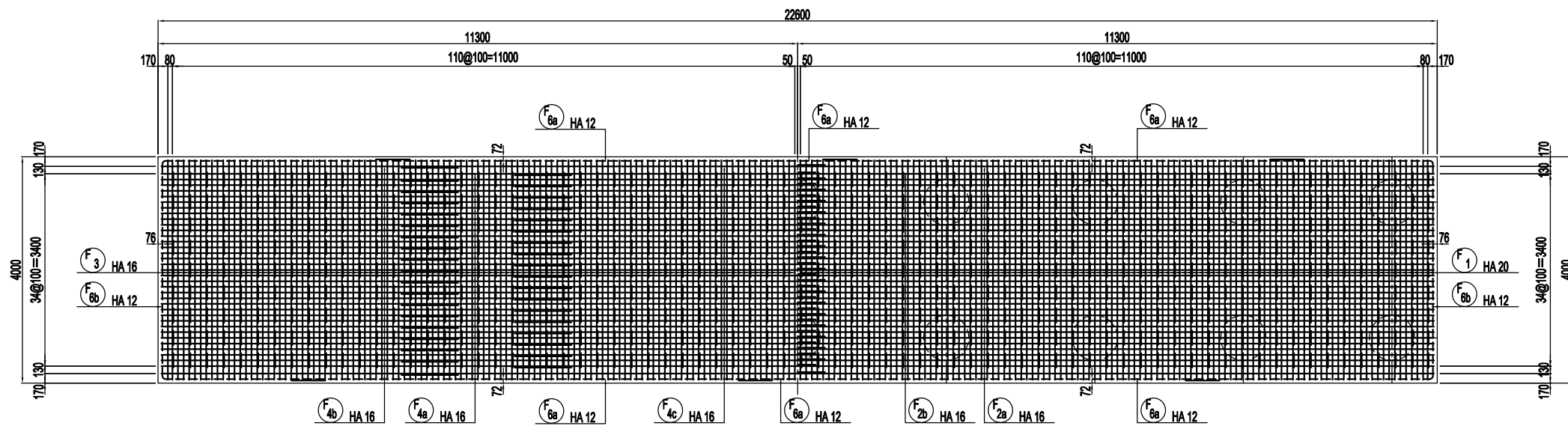
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COUPE 1 - 1



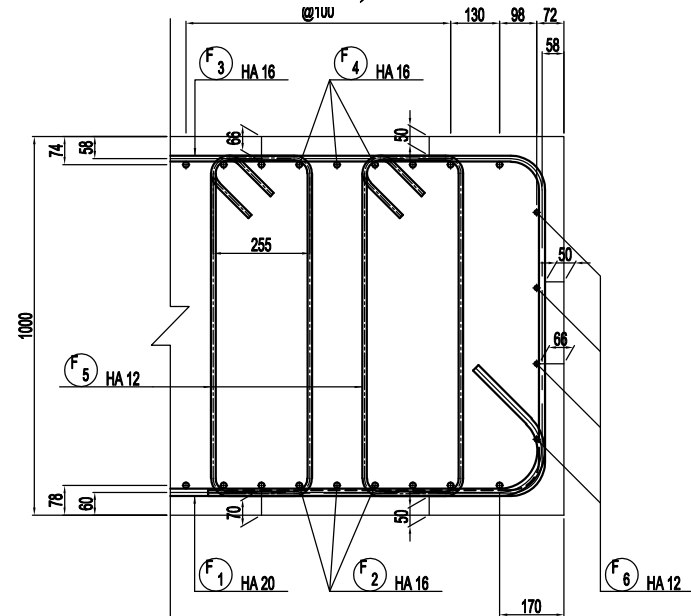
COUPE 2 - 2

COUPE 3 - 3

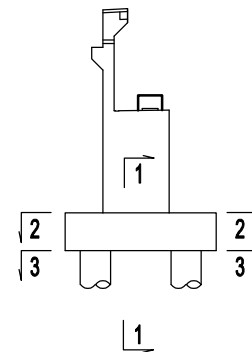


DETAIL "d" / DETAIL "d"

A1 E=1:10, A3 E=1:20
A1 S=1:10, A3 S=1:20



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



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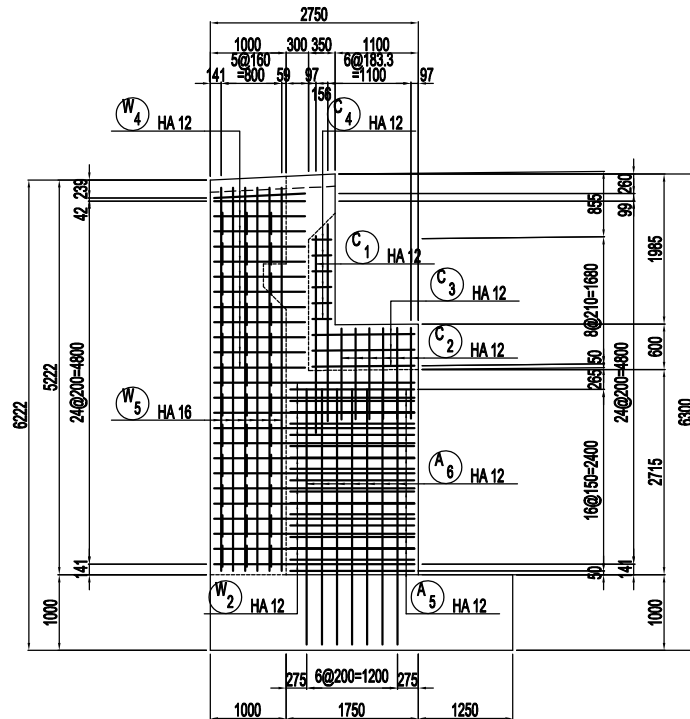
ECOLE DE POLICE
CULEE C1 - FERRAILLAGE (4)
ABUTMENT C1 - BAR ARRANGEMENT (4)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

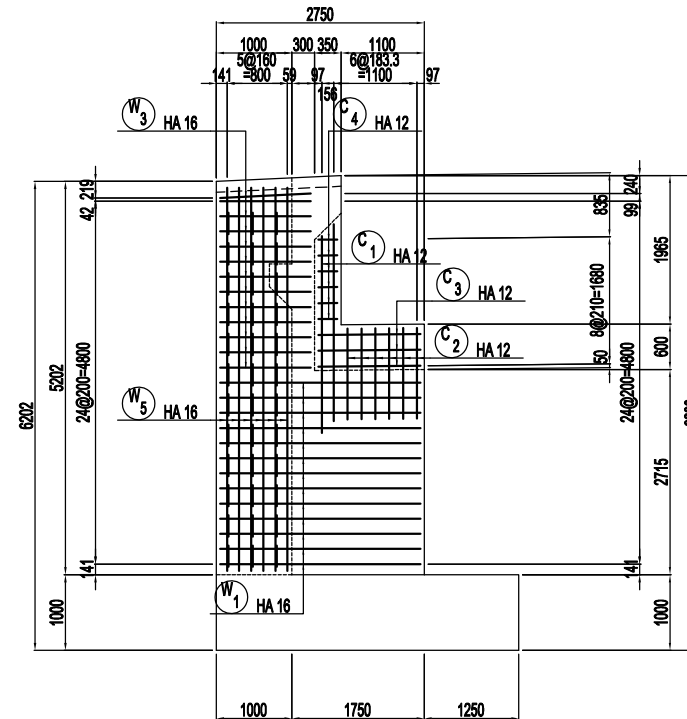
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Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCG, ISEC	BFM	PONT	DESSINS	H-EP-FE-016	A	

A1 E=1:50, A3 E=1:100 / A1 S=1:50, A3 S=1:100

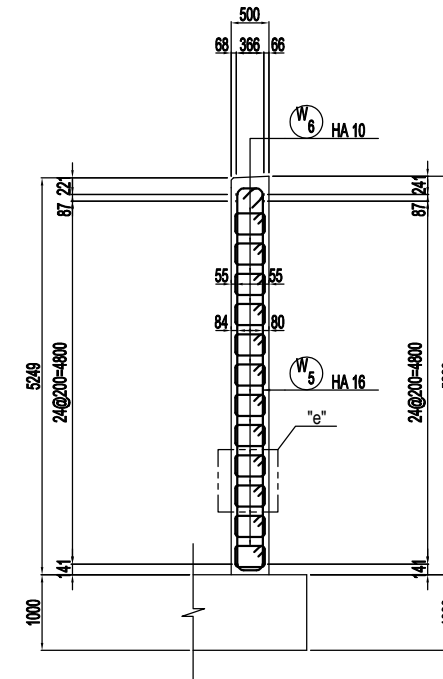
COUPE 1-1



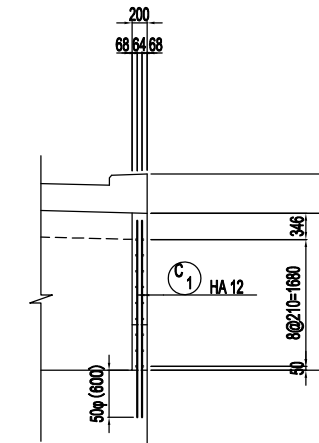
COUPE 2-2



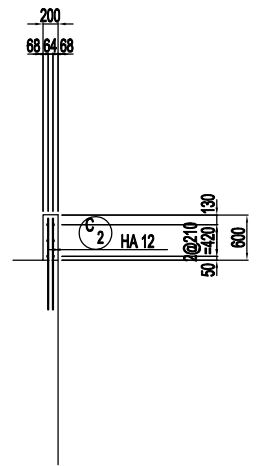
COUPE 3-3



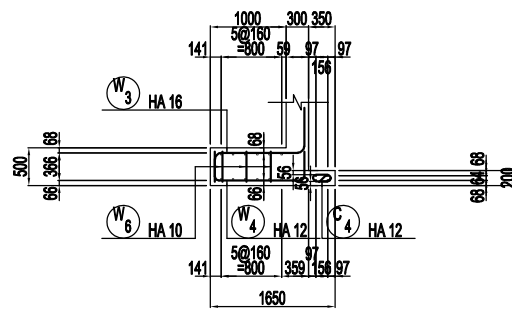
COUPE 4-4



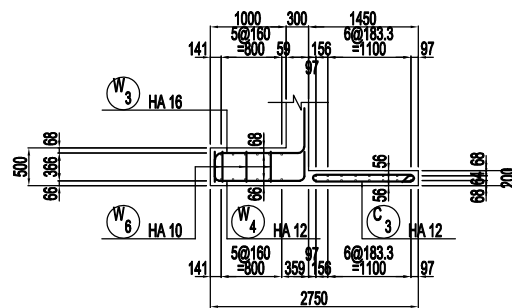
COUPE 5-5



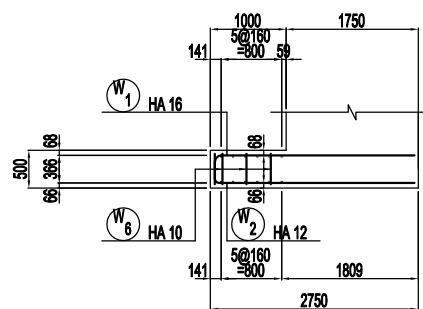
COUPE 6-6



COUPE 7-7

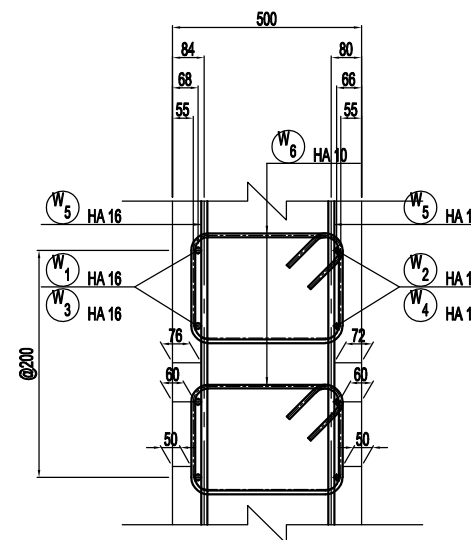


COUPE 8-8

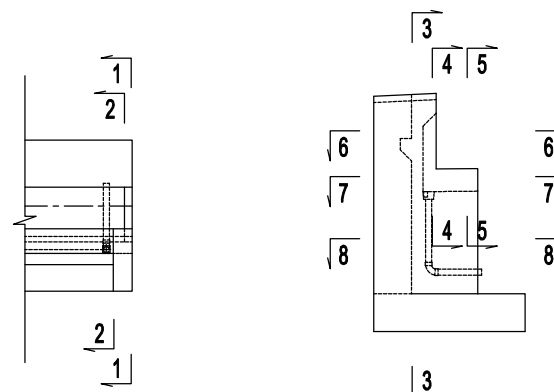


DETAIL "e" / DETAIL "e"

A1 E=1:10, A3 E=1:20
A1 S=1:10, A3 S=1:20



POSITION DE LA SECTION / POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



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INGÉROSEC CORPORATION

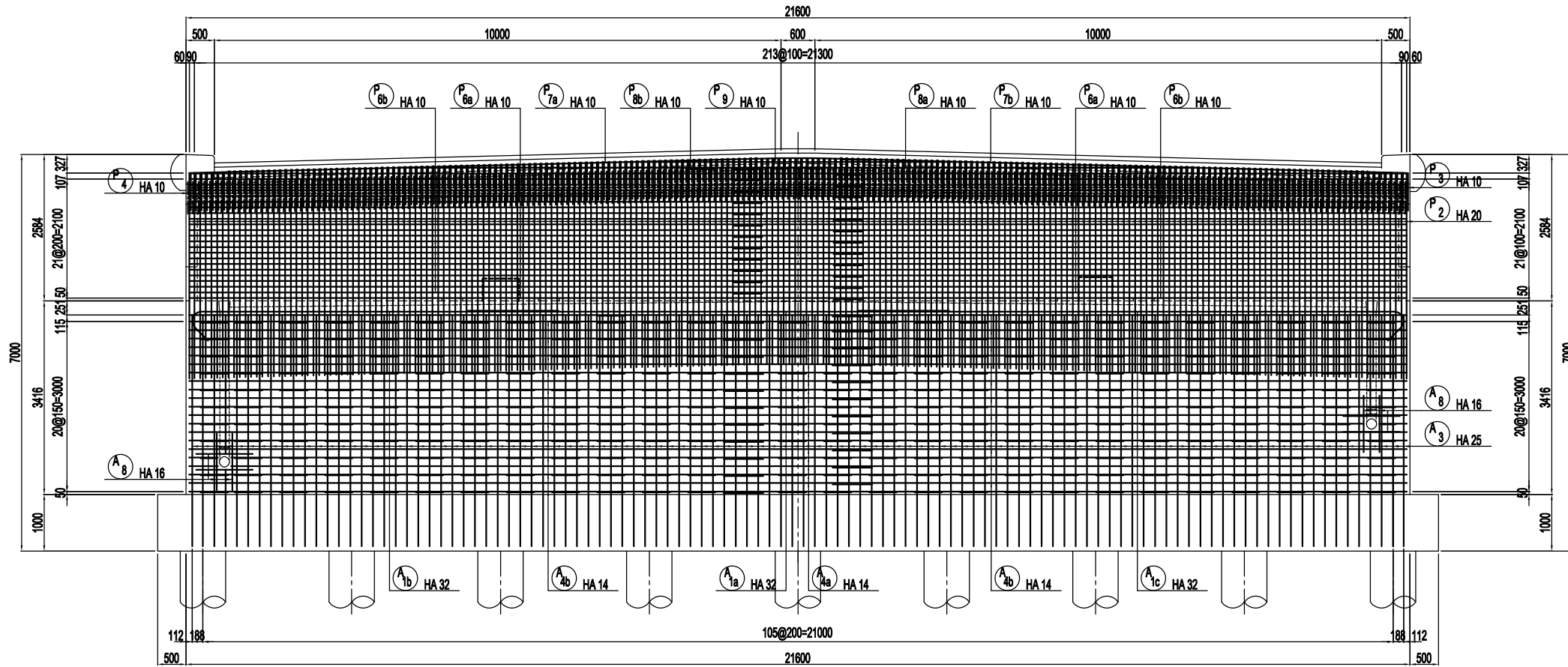
ECOLE DE POLICE
CULEE C1 - FERRAILLAGE (5)
ABUTMENT C1 - BAR ARRANGEMENT (5)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

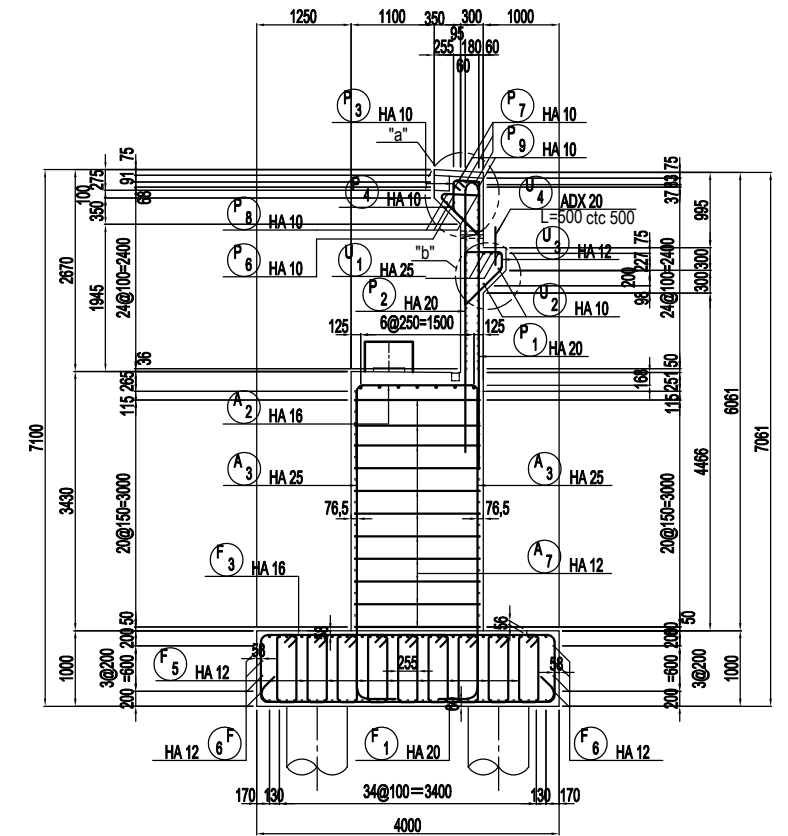
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Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-017	A	

A1 E=1:50, A3 E=1:100 / A1 S=1:50, A3 S=1:100

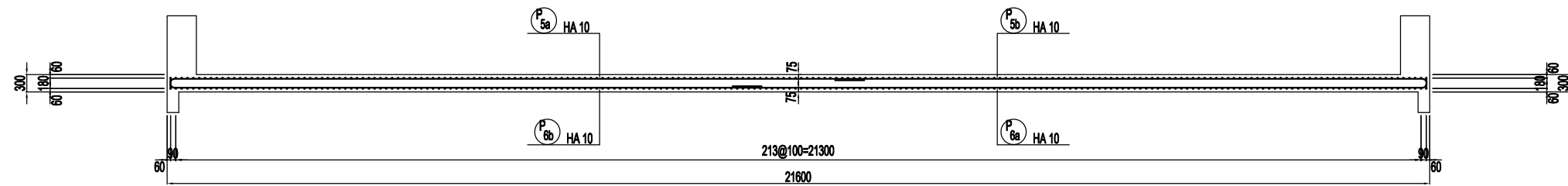
COUPE 1-1



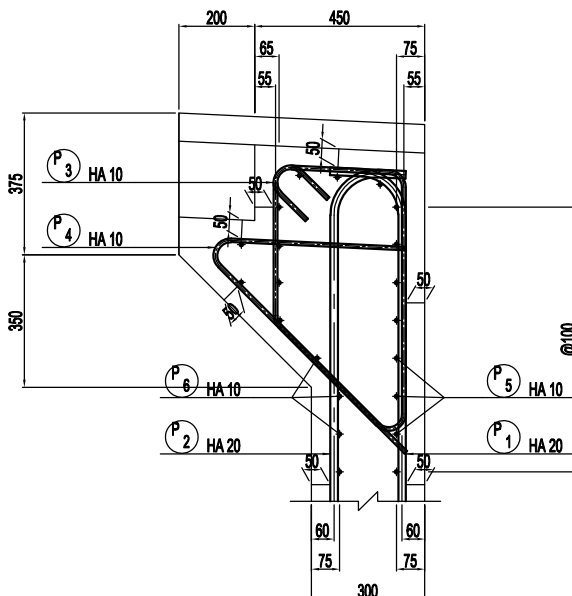
COUPE 2-2



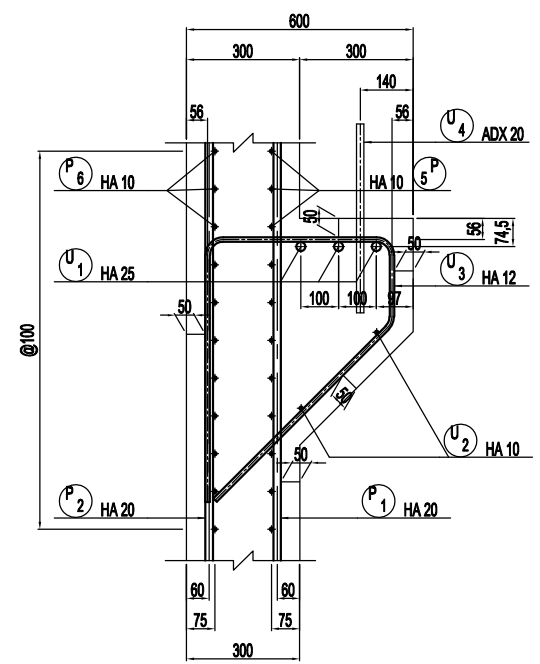
COUPE 3-3



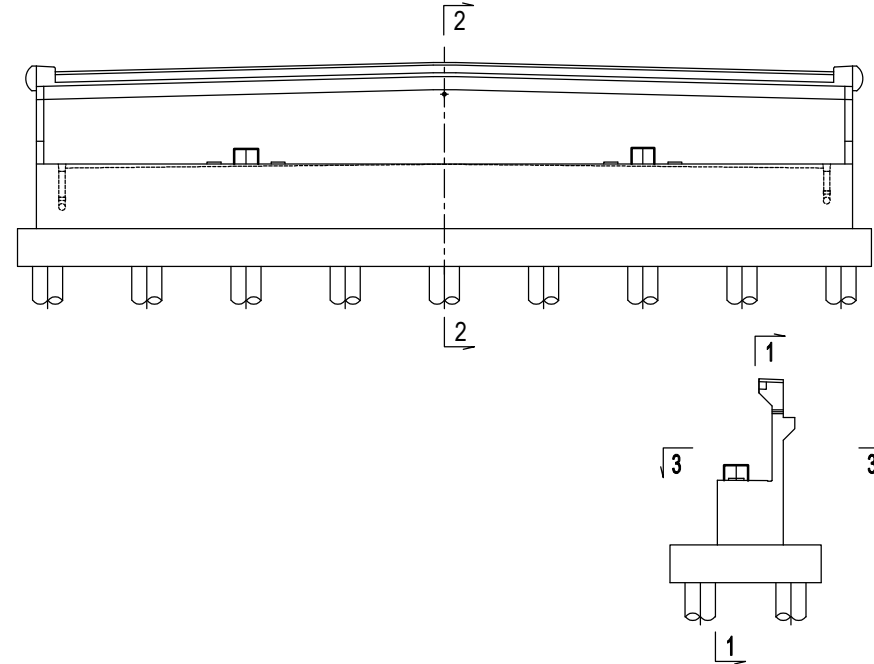
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A1 S=1:10, A3 S=1:20



DETAIL "b" / DETAIL "b"
A1 E=1:10, A3 E=1:20
A1 S=1:10, A3 S=1:20



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



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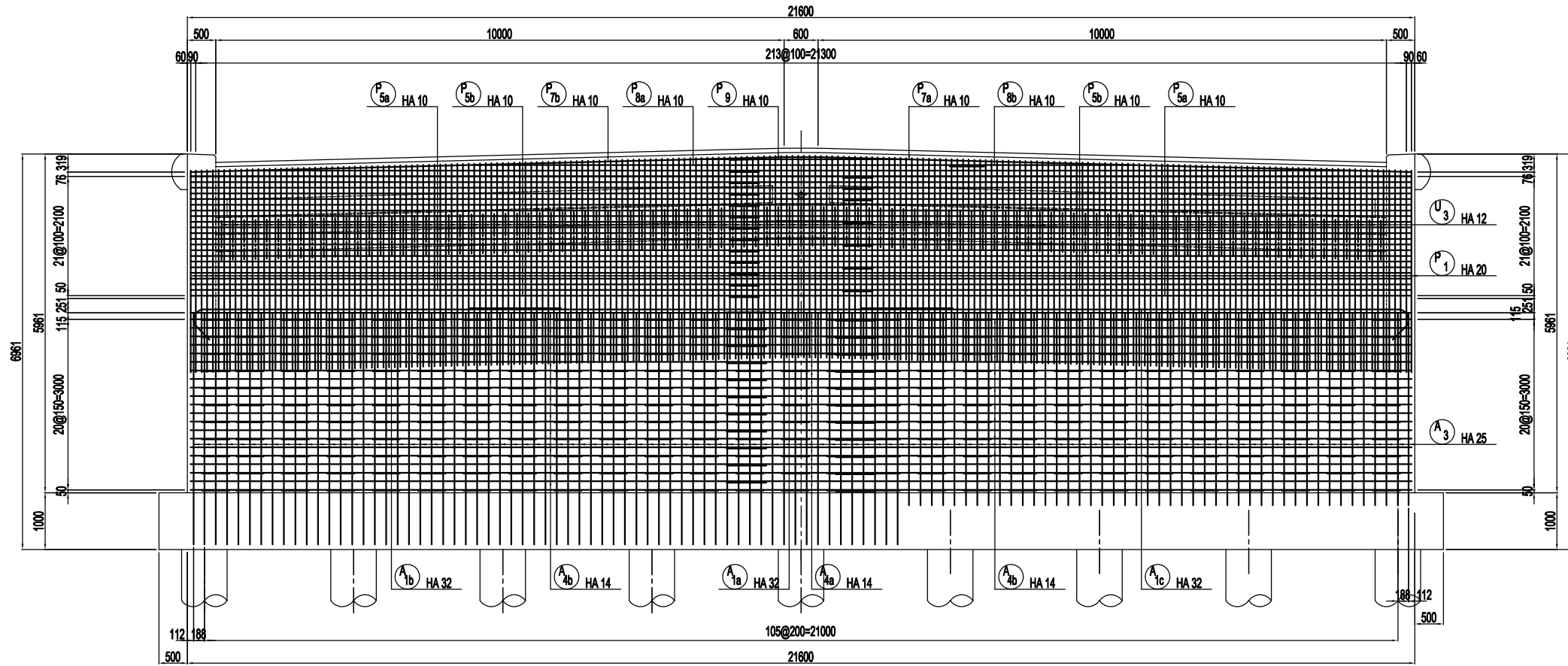
INGÉROSEC CORPORATION

ECOLE DE POLICE
CULEE C2 - FERRAILLAGE (1)
ABUTMENT C2 - BAR ARRANGEMENT (1)

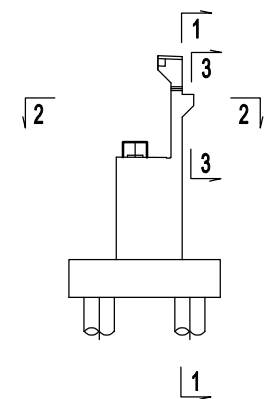
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-019	A

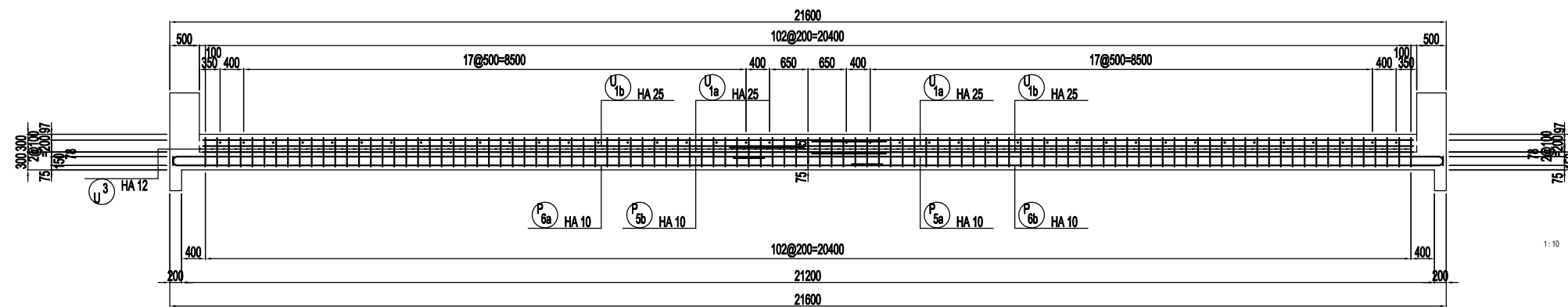
A1 E=1:50, A3 E=1:100 / A1 S=1:50, A3 S=1:100



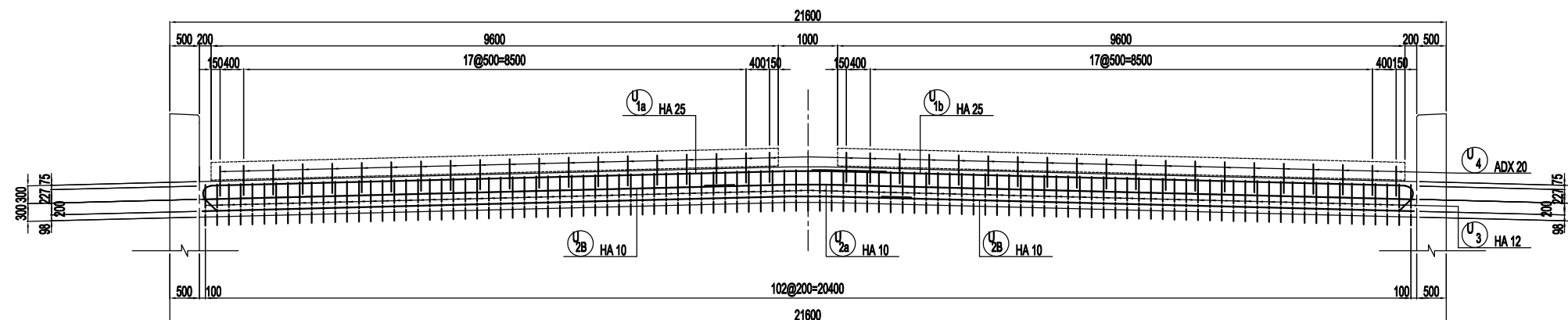
POSITION DE LA SECTION
/ POSITION OF THE SECTION



COUPE 2-2



COUPE 3-3



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



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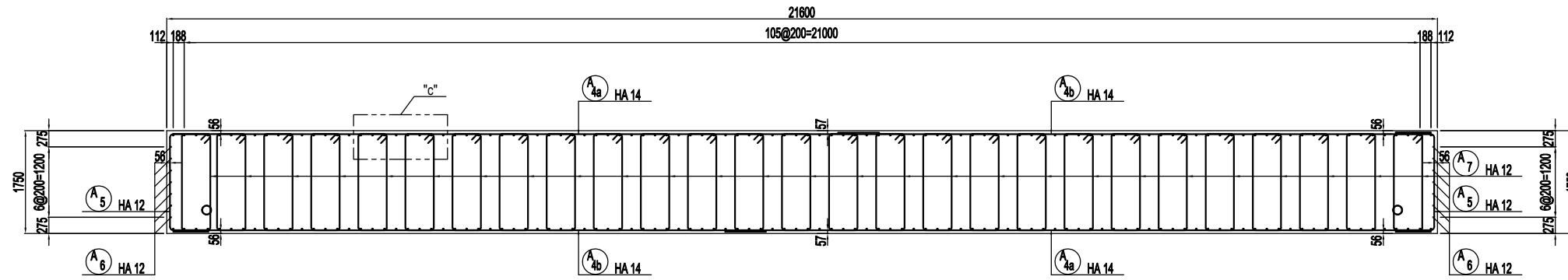
ECOLE DE POLICE
CULEE C2 - FERRAILLAGE (2)
ABUTMENT C2 - BAR ARRANGEMENT (2)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File :				
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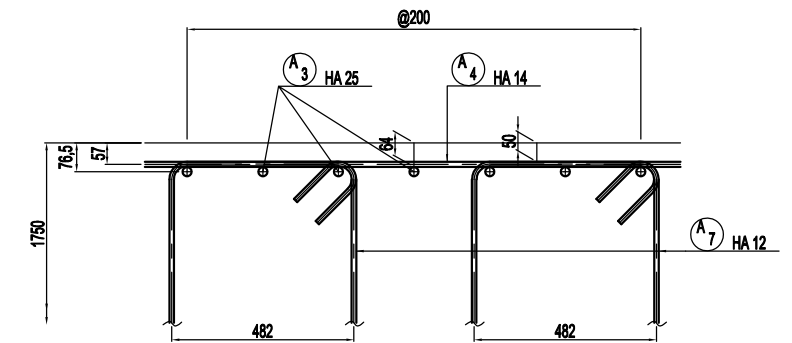
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COUPE 1-1

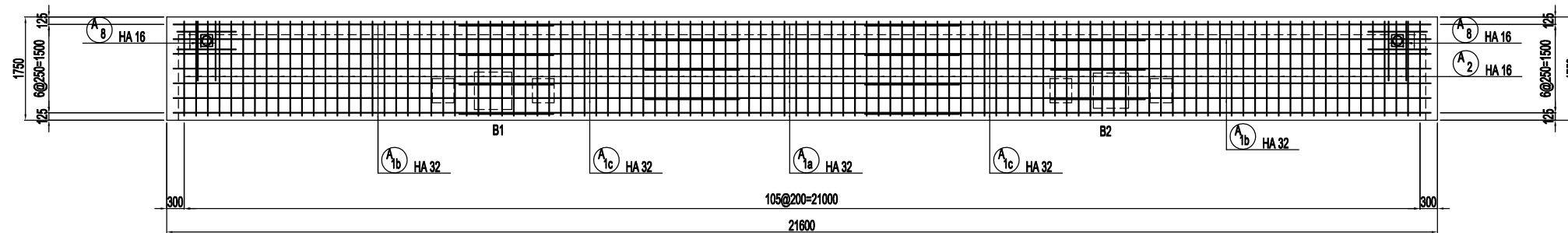


DETAIL "c" / DETAIL "c"

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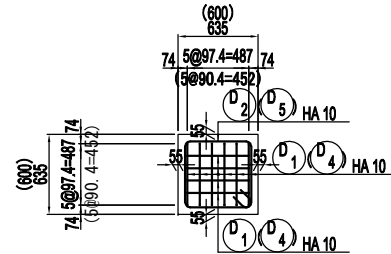
COUPE 2-2



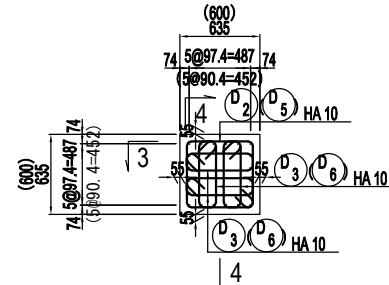
BARRE ARRIERE POUR APPAREILES D'APPUI
/ REBAR ARRANGEMENT FOR BEARINGS

A1 E=1:30, A3 E=1:60 / A1 S=1:30, A3 S=1:60

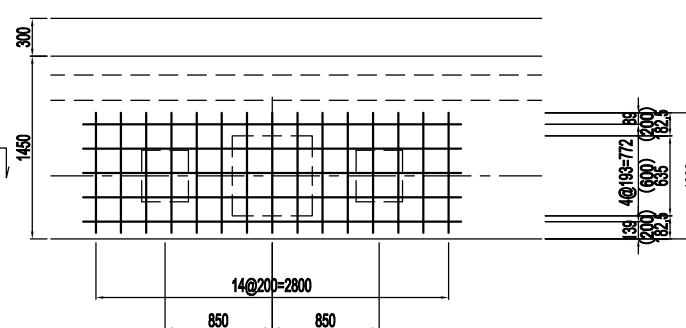
COUPE 1-1



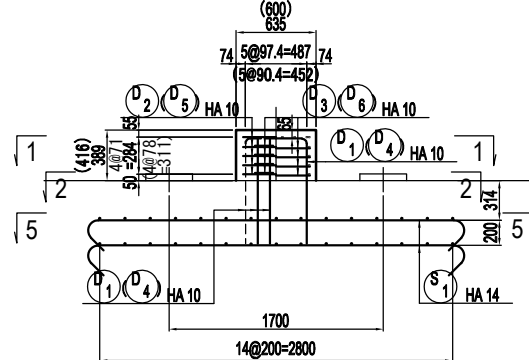
COUPE 2-2



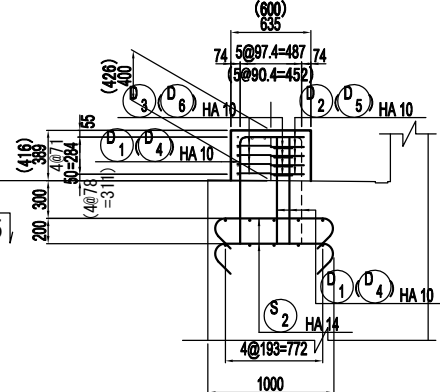
COUPE 5-5



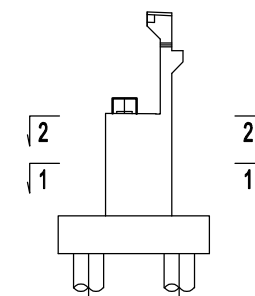
COUPE 3-3



COUPE 4-4



POSITION DE LA SECTION
/ POSITION OF THE SECTION



Entre parenthèses dimensions pour B2.
In parentheses dimensions for B2.

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



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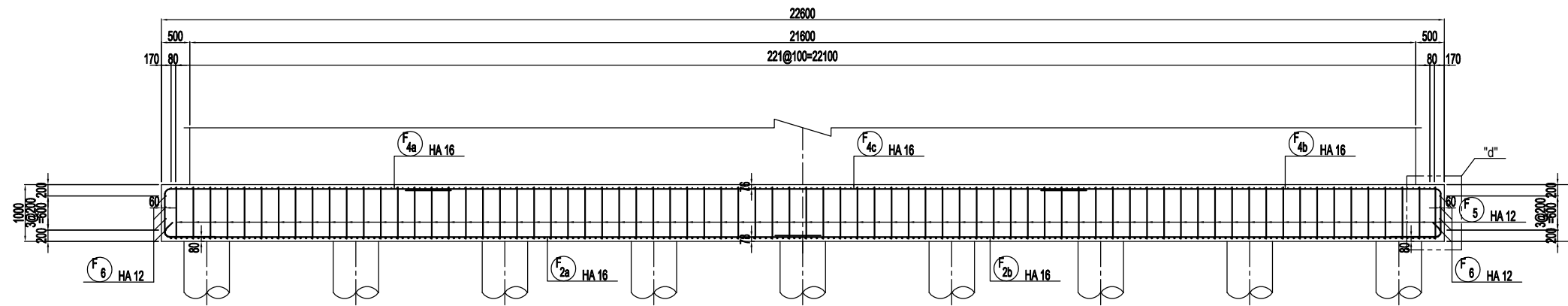
ECOLE DE POLICE
CULEE C2 - FERRAILLAGE (3)
ABUTMENT C2 - BAR ARRANGEMENT (3)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-021	A

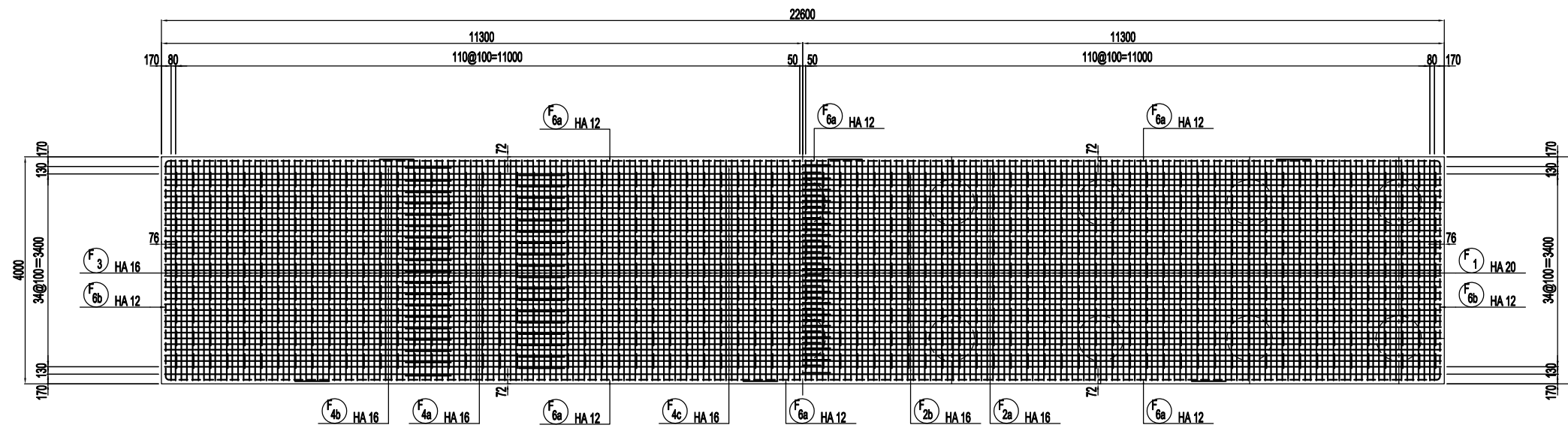
A1 E=1:50, A3 E=1:100 / A1 S=1:50, A3 S=1:100

COUPE 1 - 1



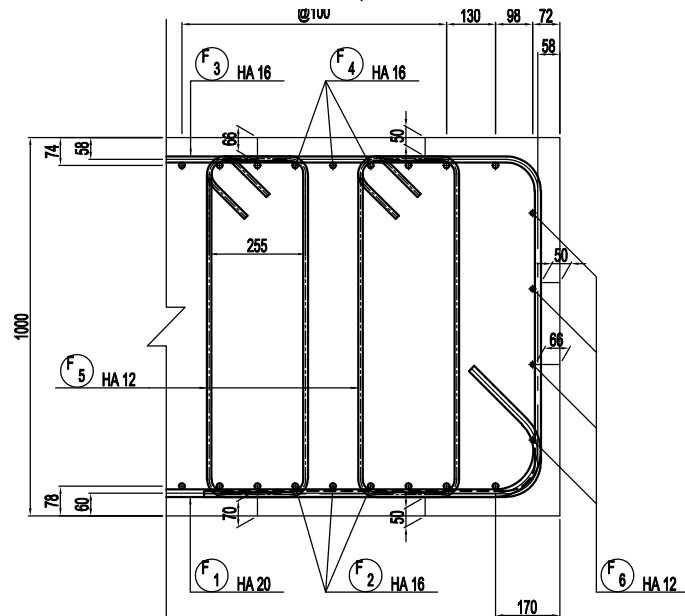
COUPE 2 - 2

COUPE 3 - 3

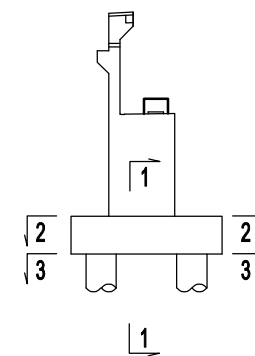


DETAIL "d" / DETAIL "d"

A1 E=1:10, A3 E=1:20
A1 S=1:10, A3 S=1:20



POSITION DE LA SECTION / POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



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/ JAPAN INTERNATIONAL COOPERATION AGENCY



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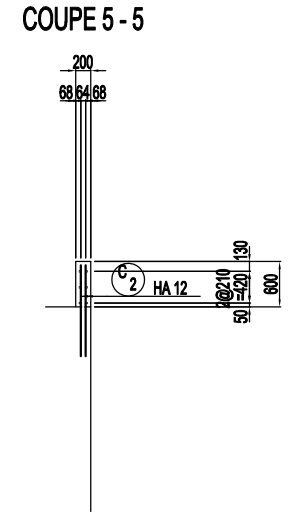
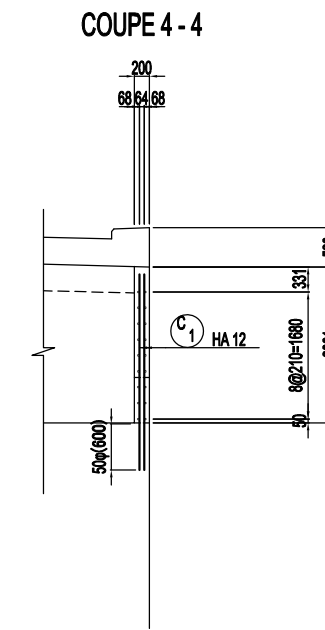
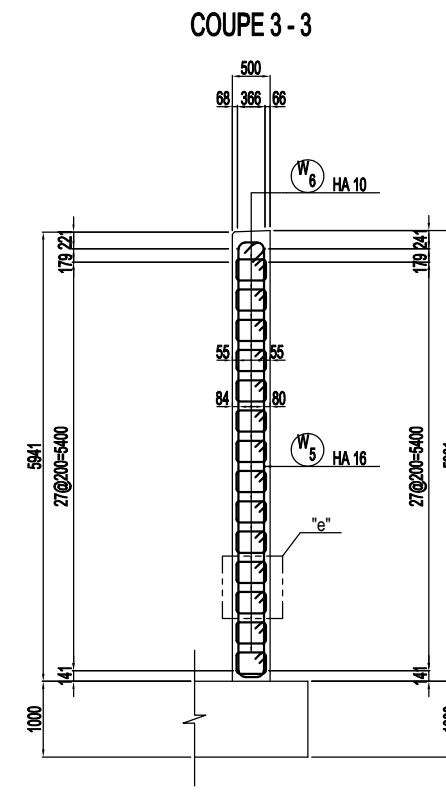
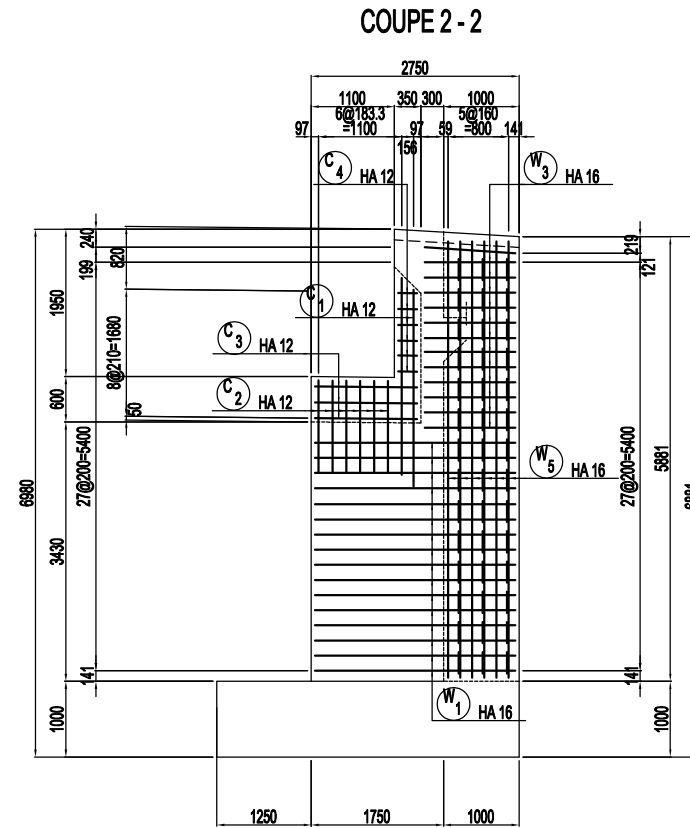
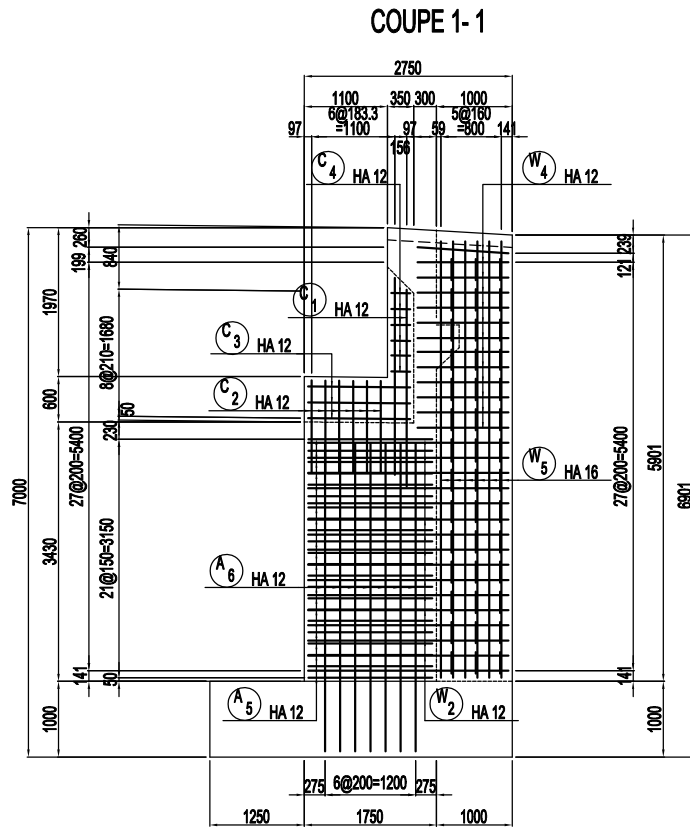
INGÉROSEC CORPORATION

ECOLE DE POLICE
CULEE C2 - FERRAILLAGE (4)
ABUTMENT C2 - BAR ARRANGEMENT (4)

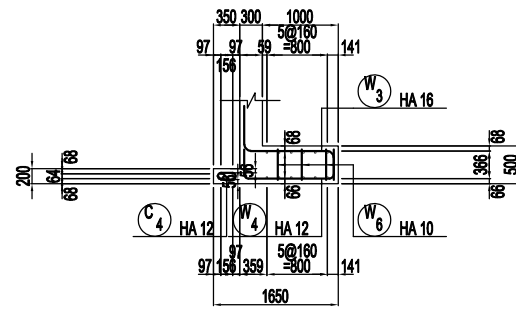
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A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File :				
Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-022	A	

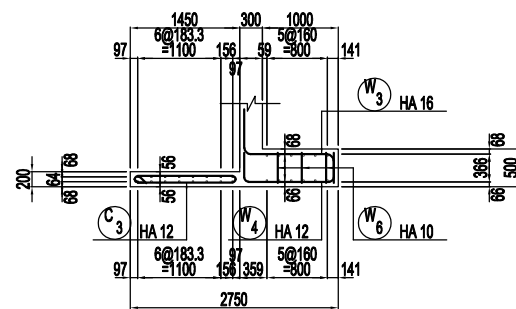
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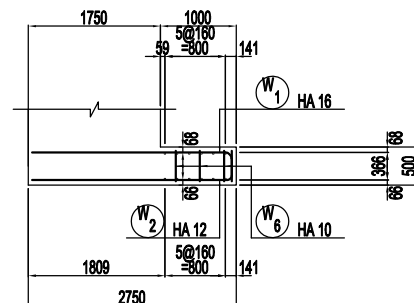
COUPE 6-6



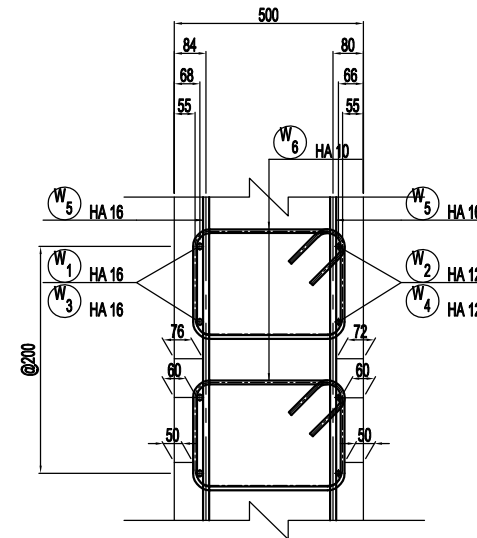
COUPE 7-7



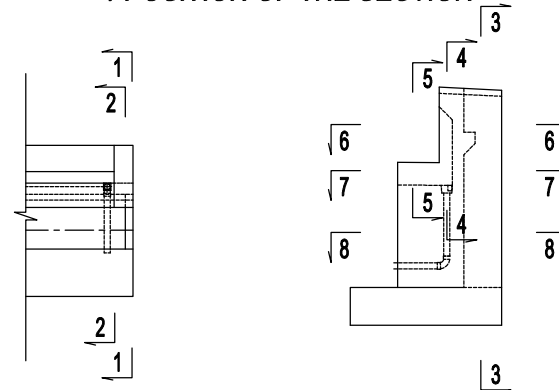
COUPE 8-8



DETAIL "e" / DETAIL "e"
A1 E=1:10, A3 E=1:20
A1 S=1:10, A3 S=1:20



POSITION DE LA SECTION
/ POSITION OF THE SECTION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



INGÉROSEC CORPORATION

ECOLE DE POLICE
CULEE C2 - FERRAILLAGE (5)
ABUTMENT C2 - BAR ARRANGEMENT (5)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT
Format / Format		Fichier / File				
A3						
Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity		Type de document / Type of document	N° / No.	Indice / Index
OCC, ISEC	BFM	PONT		DESSINS	H-EP-FE-023	A

COUPE ELEVATION / SIDE VIEW A1 E=1:40, A3 E=1:80 / A1 S=1:40, A3 S=1:80

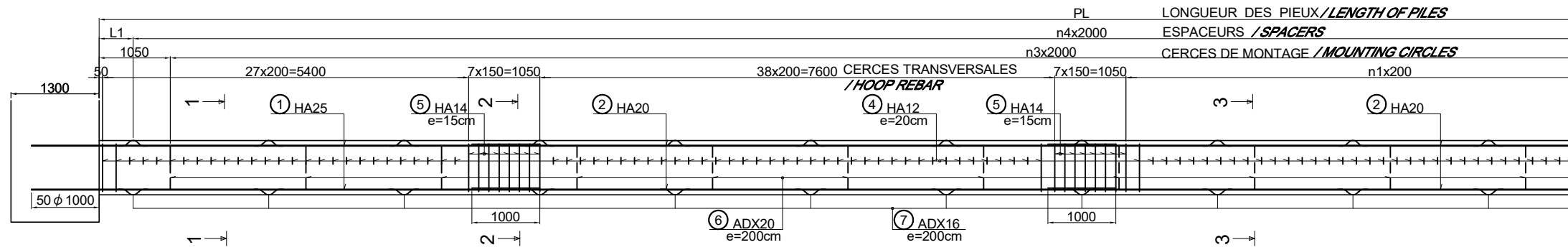
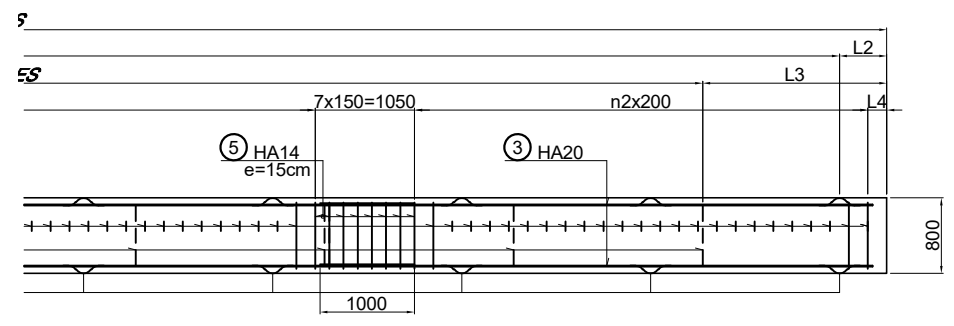
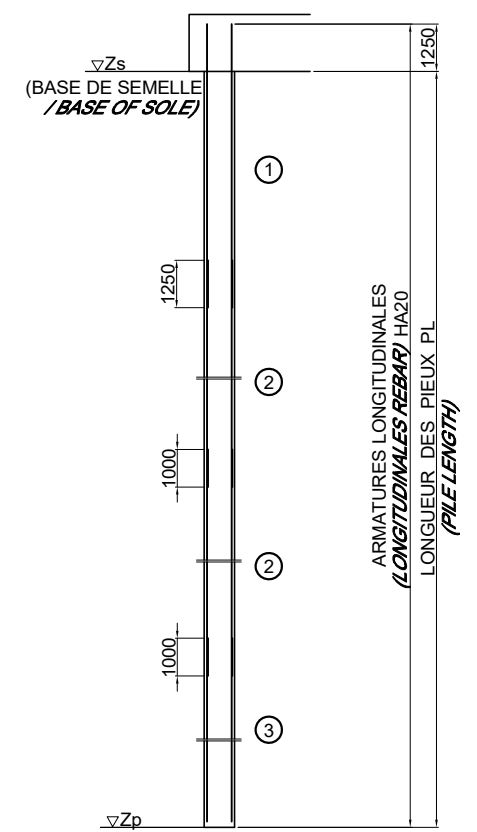


TABLEAU DE NIVELLEMENT PIEUX / TABLE OF LEVELING PILES

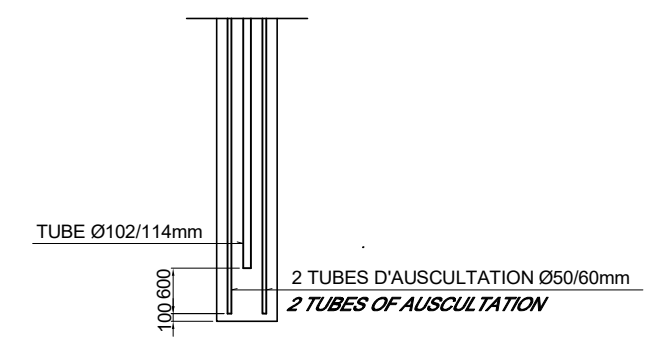
	P1	P2	P3	P4
Zs	+41.132	+40.758	+40.025	+39.655
Zp	+21.132	+15.758	+8.025	+10.655
PL (mm)	20000	25000	32000	29000
L1 (mm)	750	500	750	500
L2 (mm)	1250	500	1250	500
L3 (mm)	950	1950	950	1950
L4 (mm)	250	250	200	200
n1	—	—	39	39
n2	23	48	39	24
n3	9	11	15	13
n4	9	12	15	14



VUE GENERALE / GENERAL VIEW A1 E=1:100, A3 E=1:200 / A1 S=1:100, A3 S=1:200



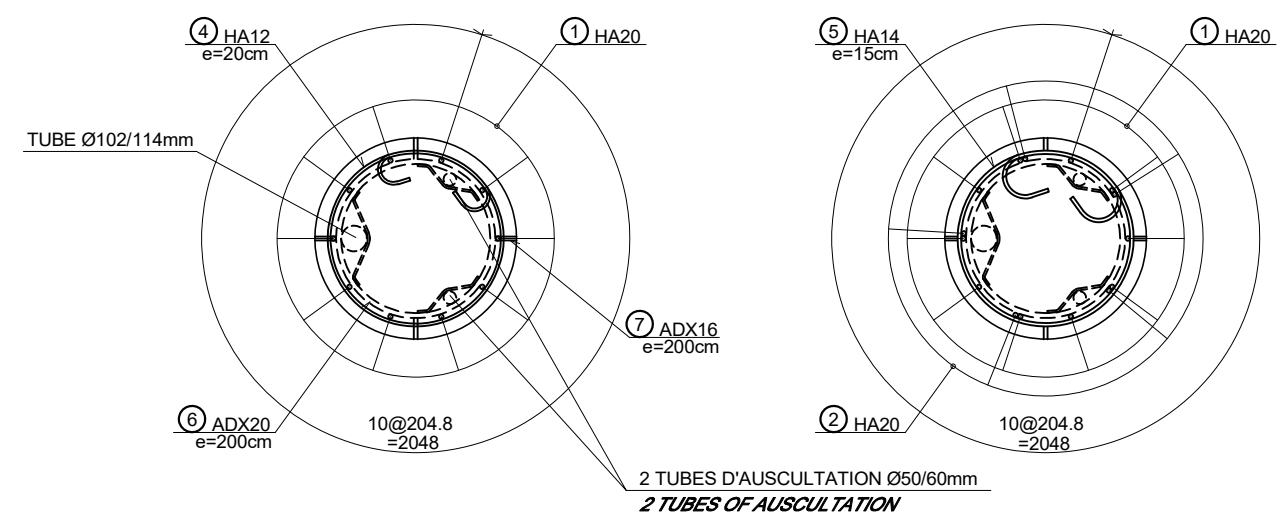
DETAIL D'AUSCULTATION / DETAIL OF AUSCULTATION



A1 E=1:15, A3 E=1:30 / A1 S=1:15, A3 S=1:30

COUPE 1 - 1

COUPE 2 - 2



QUANTITE D'ARMATURES POUR UN PIEU (L=20m) / QUANTITY OF REBARS FOR A PILE

NO	TYPE	SIZE	NO	NO	TOTAL	ESP	LONG. UNITAIRE(m)	SCHEMA(m)	LONG. TOTALE(m)
①	HA	20	10	1	10	7.50	7.50	75.00	75.00
②	HA	20	10	1	10	10.00	10.00	100.00	100.00
③	HA	20	10	1	10	5.50	5.50	55.00	55.00
④	HA	12	87	1	87	3.05	3.05	265.35	265.35
⑤	HA	14	16	1	16	3.24	3.24	51.84	51.84
⑥	ADX	20	10	1	10	2.89	2.89	28.90	28.90
⑦	ADX	16	4	10	40	0.49	0.49	19.60	19.60

RECAPITULATIF ACIERS / SUMMARY STEELS

HA	6	8	10	12	14	16	20	25	32	40
POIDS (kg/m)	0.222	0.395	0.617	0.888	1.208	1.578	2.466	3.854	6.313	9.865
LONG. (m)	—	—	—	265.35	51.84	—	230.00	—	—	—
TOTAL	—	—	—	235.63	62.62	—	567.18	—	—	865.43

TOTAL POUR P1 (12PIEUX) / TOTAL FOR P1 (12PILES)
POIDS TOTAL(kg): 11611.56 VOLUME DE BETON (m3): 120.58 W = 96.30 kg/m3

QUANTITE D'ARMATURES POUR UN PIEU (L=25m) / QUANTITY OF REBARS FOR A PILE

NO	TYPE	SIZE	NO	NO	TOTAL	ESP	LONG. UNITAIRE(m)	SCHEMA(m)	LONG. TOTALE(m)
①	HA	20	10	1	10	7.50	7.50	75.00	75.00
②	HA	20	10	1	10	10.00	10.00	100.00	100.00
③	HA	20	10	1	10	10.50	10.50	105.00	105.00
④	HA	12	112	1	112	3.05	3.05	341.60	341.60
⑤	HA	14	16	1	16	3.24	3.24	51.84	51.84
⑥	ADX	20	12	1	12	2.89	2.89	34.68	34.68
⑦	ADX	16	4	13	52	0.49	0.49	25.48	25.48

RECAPITULATIF ACIERS / SUMMARY STEELS

HA	6	8	10	12	14	16	20	25	32	40
POIDS (kg/m)	0.222	0.395	0.617	0.888	1.208	1.578	2.466	3.854	6.313	9.865
LONG. (m)	—	—	—	341.60	51.84	—	280.00	—	—	—
TOTAL	—	—	—	381.88	93.93	—	887.76	—	—	1363.57

TOTAL POUR P2 (12PIEUX) / TOTAL FOR P2 (12PILES)
POIDS TOTAL(kg): 14153.52 VOLUME DE BETON (m3): 150.72 W = 93.91 kg/m3

QUANTITE D'ARMATURES POUR UN PIEU (L=32m) / QUANTITY OF REBARS FOR A PILE

NO	TYPE	SIZE	NO	NO	TOTAL	ESP	LONG. UNITAIRE(m)	SCHEMA(m)	LONG. TOTALE(m)
①	HA	20	10	1	10	7.50	7.50	75.00	75.00
②	HA	20	10	2	20	10.00	10.00	200.00	200.00
③	HA	20	10	1	10	8.50	8.50	85.00	85.00
④	HA	12	141	1	141	3.05	3.05	430.05	430.05
⑤	HA	14	24	1	24	3.24	3.24	77.76	77.76
⑥	ADX	20	16	1	16	2.89	2.89	46.24	46.24
⑦	ADX	16	4	16	64	0.49	0.49	31.36	31.36

RECAPITULATIF ACIERS / SUMMARY STEELS

HA	6	8	10	12	14	16	20	25	32	40
POIDS (kg/m)	0.222	0.395	0.617	0.888	1.208	1.578	2.466	3.854	6.313	9.865
LONG. (m)	—	—	—	430.05	77.76	—	360.00	—	—	—
TOTAL	—	—	—	381.88	93.93	—	887.76	—	—	1363.57

TOTAL POUR P3 (12PIEUX) / TOTAL FOR P3 (12PILES)
POIDS TOTAL(kg): 18325.00 VOLUME DE BETON (m3): 192.92 W = 94.99 kg/m3

QUANTITE D'ARMATURES POUR UN PIEU (L=29m) / QUANTITY OF REBARS FOR A PILE

NO	TYPE	SIZE	NO	NO	TOTAL	ESP	LONG. UNITAIRE(m)	SCHEMA(m)	LONG. TOTALE(m)
①	HA	25	10	1	10	7.50	7.50	75.00	75.00
②	HA	20	10	2	20	10.00	10.00	200.00	200.00
③	HA	20	10	1	10	5.50	5.50	55.00	55.00
④	HA	12	126	1	126	3.05	3.05	384.30	384.30
⑤	HA	14	24	1	24	3.24	3.24	77.76	77.76
⑥	ADX	20	14	1	14	2.89	2.89	40.46	40.46
⑦	ADX	16	4	15	60	0.49	0.49	29.40	29.40

RECAPITULATIF ACIERS / SUMMARY STEELS

HA	6	8	10	12	14	16	20	25	32	40
POIDS (kg/m)	0.222	0.395	0.617	0.888	1.208	1.578	2.466	3.854	6.313	9.865
LONG. (m)	—	—	—	384.30	77.76	—	330.00	—	—	—
TOTAL	—	—	—	341.26	93.93	—	813.78	—	—	1248.97

TOTAL POUR P4 (12PIEUX) / TOTAL FOR P4 (12PILES)
POIDS TOTAL(kg): 16741.56 VOLUME DE BETON (m3): 174.84 W = 95.75 kg/m3

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN

REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier

AGENCE DE GESTION DES ROUTES

AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE / JAPAN INTERNATIONAL COOPERATION AGENCY

ORIENTAL CONSULTANTS GLOBAL CO., LTD.

INGÉROSEC CORPORATION

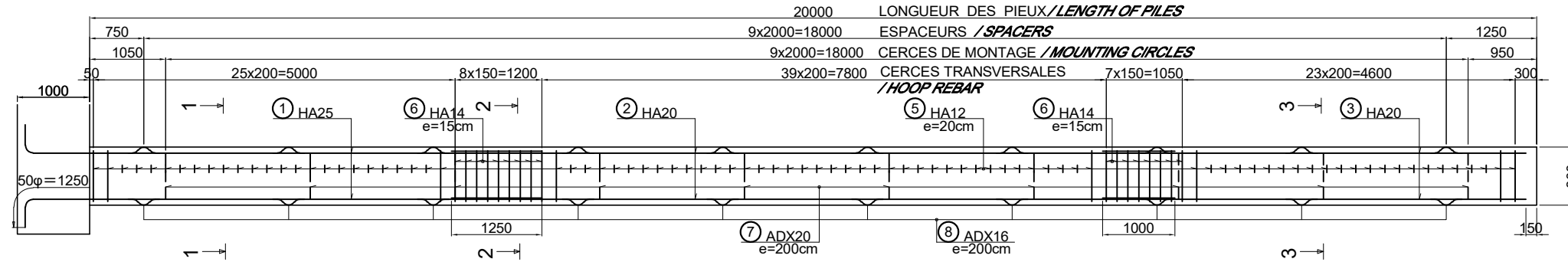
RIVIERA 3
PILE PIEUX - FERRAILLAGE
PIER PILE - BAR ARRANGEMENT

Indice	Date	Préparé par	Vérifié par	Approuvé par	Description	Statut
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

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Localisation: BFM
Type d'ouvrage - Activité: PONT
Type de document: DESSINS
N°: H-EP-FE-025
Indice: A

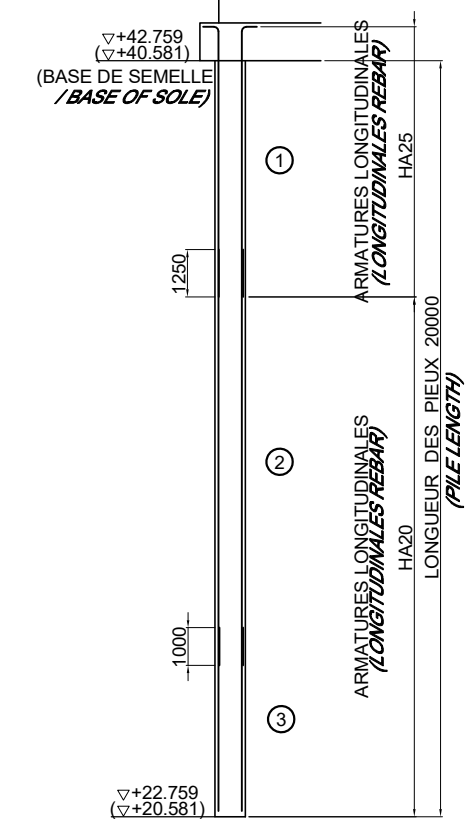
COUPE ELEVATION / SIDE VIEW

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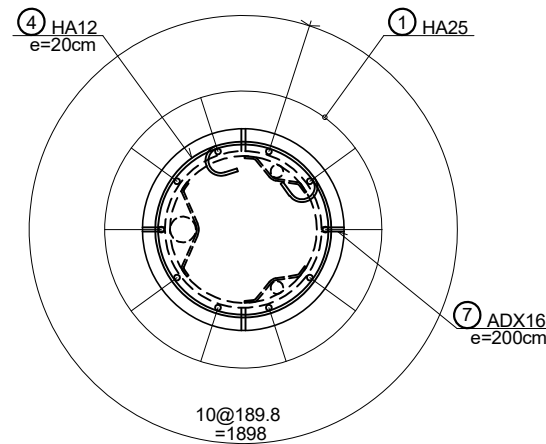


VUE GENERALE / GENERAL VIEW

A1 E=1:100, A3 E=1:200
/ A1 S=1:100, A3 S=1:200

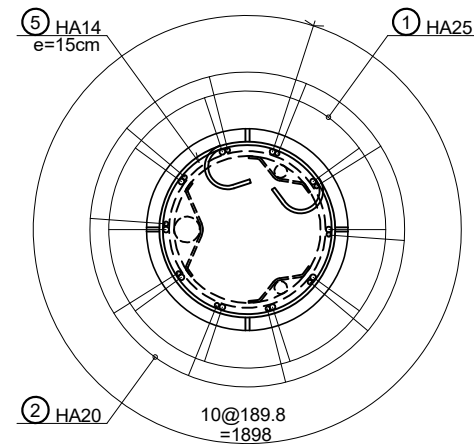


COUPE 1 - 1

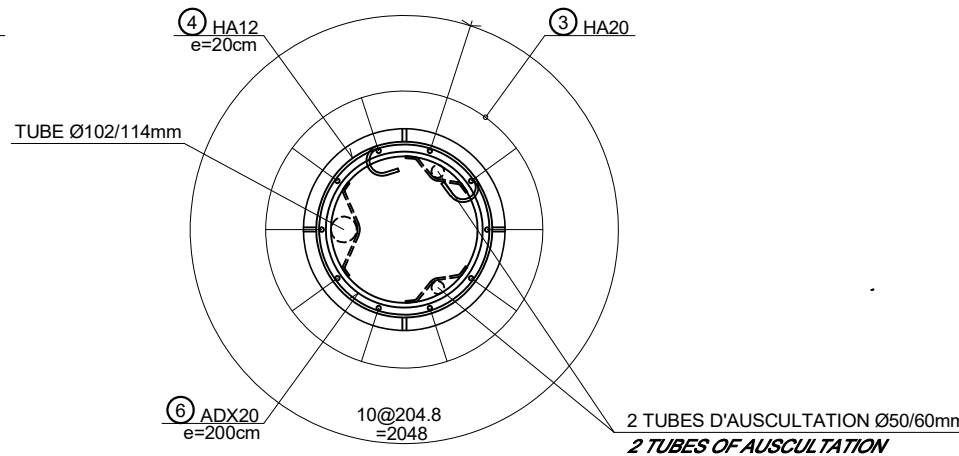


A1 E=1:15, A3 E=1:30 / A1 S=1:15, A3 S=1:30

COUPE 2 - 2



COUPE 3 - 3



▽+22.759 (▽+20.581)

Entre parenthèses nombres pour C2.
In parentheses numbers for C2.

QUANTITE D'ARMATURES POUR UN PIEU (L=20m)
/ QUANTITY OF REBARS FOR A PILE

NO	TYPE	SIZE	NOMBRE		ESP	LONG. UNITAIRE(m)	SCHEMA(m)	LONG. TOTALE(m)
			PRELÈVEMENT	ÉLÉMENT				
①	HA	25	10	1	10	7.50	7.50	75.00
②	HA	20	10	1	10	10.00	10.00	100.00
③	HA	20	10	1	10	5.85	5.85	58.50
④	HA	12	86	1	86	3.05	3.05	262.30
⑤	HA	14	17	1	17	3.24	3.24	55.08
⑥	ADX	20	10	1	10	2.89	2.89	28.90
⑦	ADX	16	4	10	40	0.49	0.49	19.60

RECAPITULATIF ACIERS / SUMMARY STEELS

	6	8	10	12	14	16	20	25	32	40
HA (kg/m)	0.222	0.395	0.617	0.888	1.208	1.578	2.466	3.854	6.313	9.865
LONG. (m)	—	—	—	262.30	55.08	—	158.50	75.00	—	—
POIDS (kg)	—	—	—	232.92	66.54	—	390.86	289.05	—	—
ADX (kg/m)	0.222	0.395	0.617	0.888	1.208	1.578	2.466	3.854	6.313	9.865
LONG. (m)	—	—	—	—	—	—	19.60	28.90	—	—
POIDS (kg)	—	—	—	—	—	—	30.93	71.27	—	—

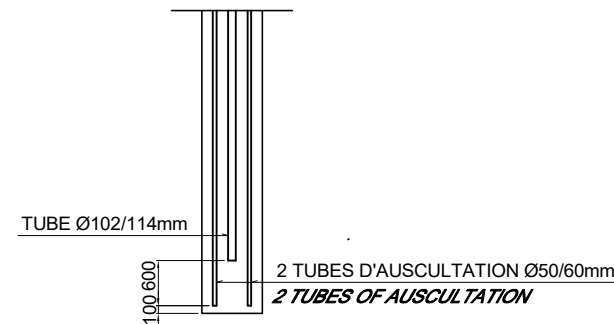
TOTAL POUR C1 (18PIEUX) / TOTAL FOR C1 (18PILES)

POIDS TOTAL(kg): 19468.26 VOLUME DE BETON (m3): 180.86 W = 107.64 kg/m3

TOTAL POUR C2 (18PIEUX) / TOTAL FOR C2 (18PILES)

POIDS TOTAL(kg): 19468.26 VOLUME DE BETON (m3): 180.86 W = 107.64 kg/m3

DETAIL D'AUSCULTATION
/ DETAIL OF AUSCULTATION



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier

AGENCE DE GESTION DES ROUTES

JICA AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
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OC GLOBAL ORIENTAL CONSULTANTS GLOBAL CO., LTD.

INGÉROSEC INGÉROSEC CORPORATION

ECOLE DE POLICE
CULEE PIEUX - FERRAILLAGE
ABUTMENT PILE - BAR ARRANGEMENT

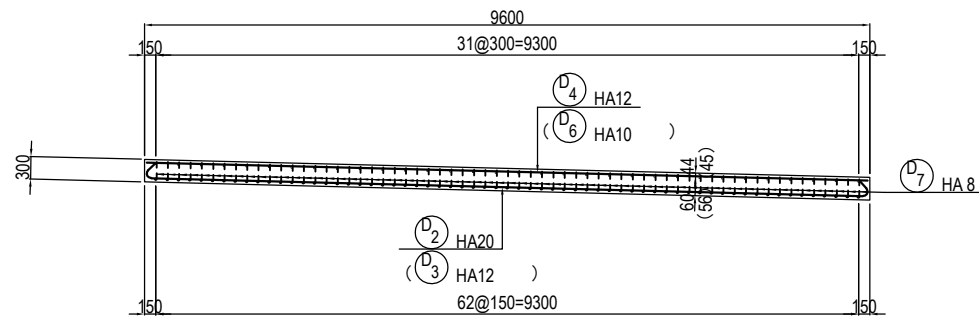
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A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format: A3 Fichier/ File:

Emetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index
OCG, ISEC	BFM	PONT	DESSINS	H-EP-FE-026	A

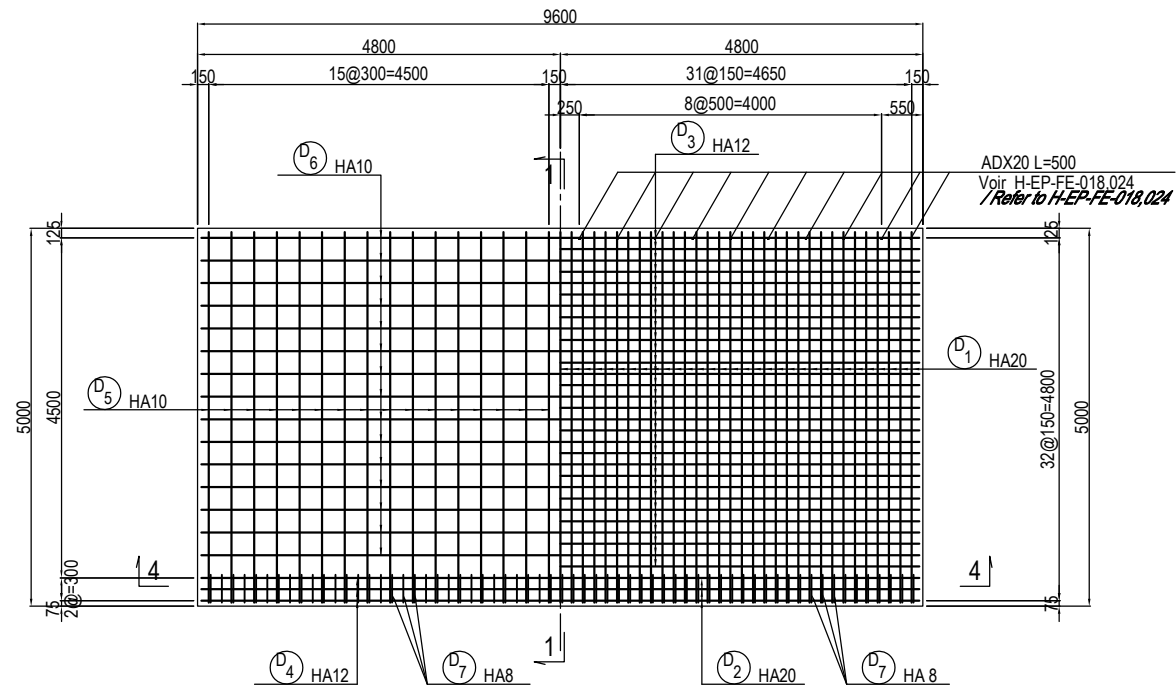
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COUPE 1 - 1

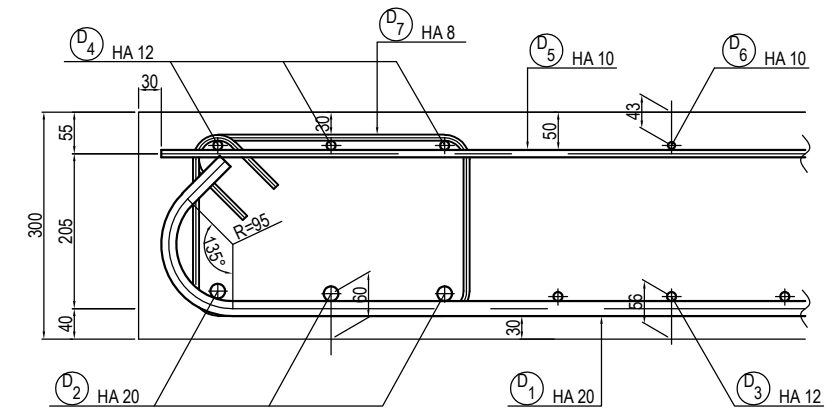


COUPE 2 - 2

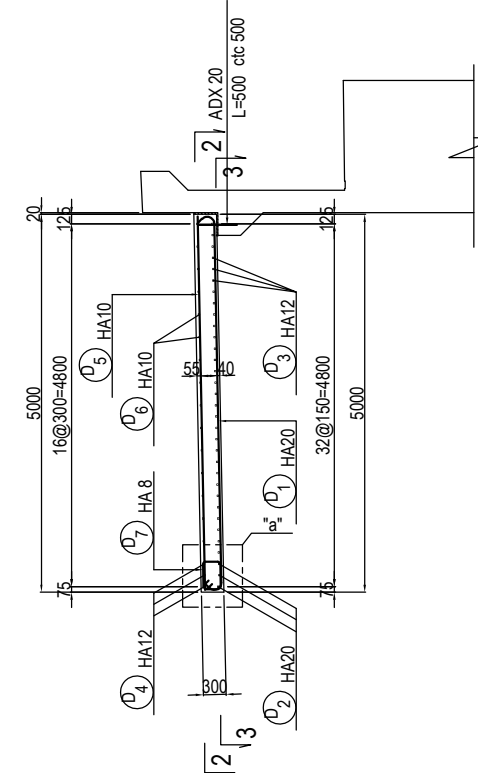
COUPE 3 - 3



DETAIL "a" / DETAIL "a"
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A1 S=1:5, A3 S=1:10



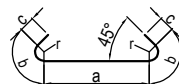
COUPE 4 - 4



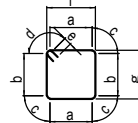
SCHEMAS TYPE (a)



SCHEMAS TYPE (b)



SCHEMAS TYPE (c)



QUANTITE D'ARMATURES POUR UN DALLE DE TRANSION / QUANTITY OF REBARS FOR A APPROACH SLAB

NO	ACJER	DIAMETRE	SCHEMAS TYPE	a (m)	b (m)	C (m)	d (m)	e (m)	f (m)	g (m)	r (m)	LONG(m)	NOMBRE	LONG.TOTALE (m)
D 1	HA	20	(b)	4.75	0.20	0.07	—	—	—	—	0.095	5.29	63	333.27
D 2	HA	20	(b)	9.35	0.20	0.07	—	—	—	—	0.095	9.89	3	29.67
D 3	HA	12	(b)	9.42	0.13	0.12	—	—	—	—	0.062	9.92	30	297.60
D 4	HA	12	(a)	9.54	—	—	—	—	—	—	—	9.54	3	28.62
D 5	HA	10	(a)	4.94	—	—	—	—	—	—	—	4.94	32	158.08
D 6	HA	10	(a)	9.54	—	—	—	—	—	—	—	9.54	15	143.10
D 7	HA	8	(f)	0.30	0.17	0.05	0.07	0.08	0.36	0.23	0.033	1.39	63	87.57

* La dimension radiale indique l'extérieur de la barre.

RECAOIUTATIF ACIERS / SUMMARY STEELS

HA	8	10	12	14	16	20	25	
POIDS (kg/m)	0.395	0.617	0.888	1.208	1.578	2.466	3.854	
LONG (m)	87.57	301.18	326.22	—	—	362.94	—	TOTAL
POIDS (kg)	34.59	185.83	289.68	—	—	895.01	—	1 405.11

TOTAL POUR C1 / TOTAL FOR C1

POIDS TOTAL(kg): 2810.22

TOTAL POUR C2 / TOTAL FOR C2

POIDS TOTAL(kg): 2810.22

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

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AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
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ORIENTAL CONSULTANTS GLOBAL CO., LTD.



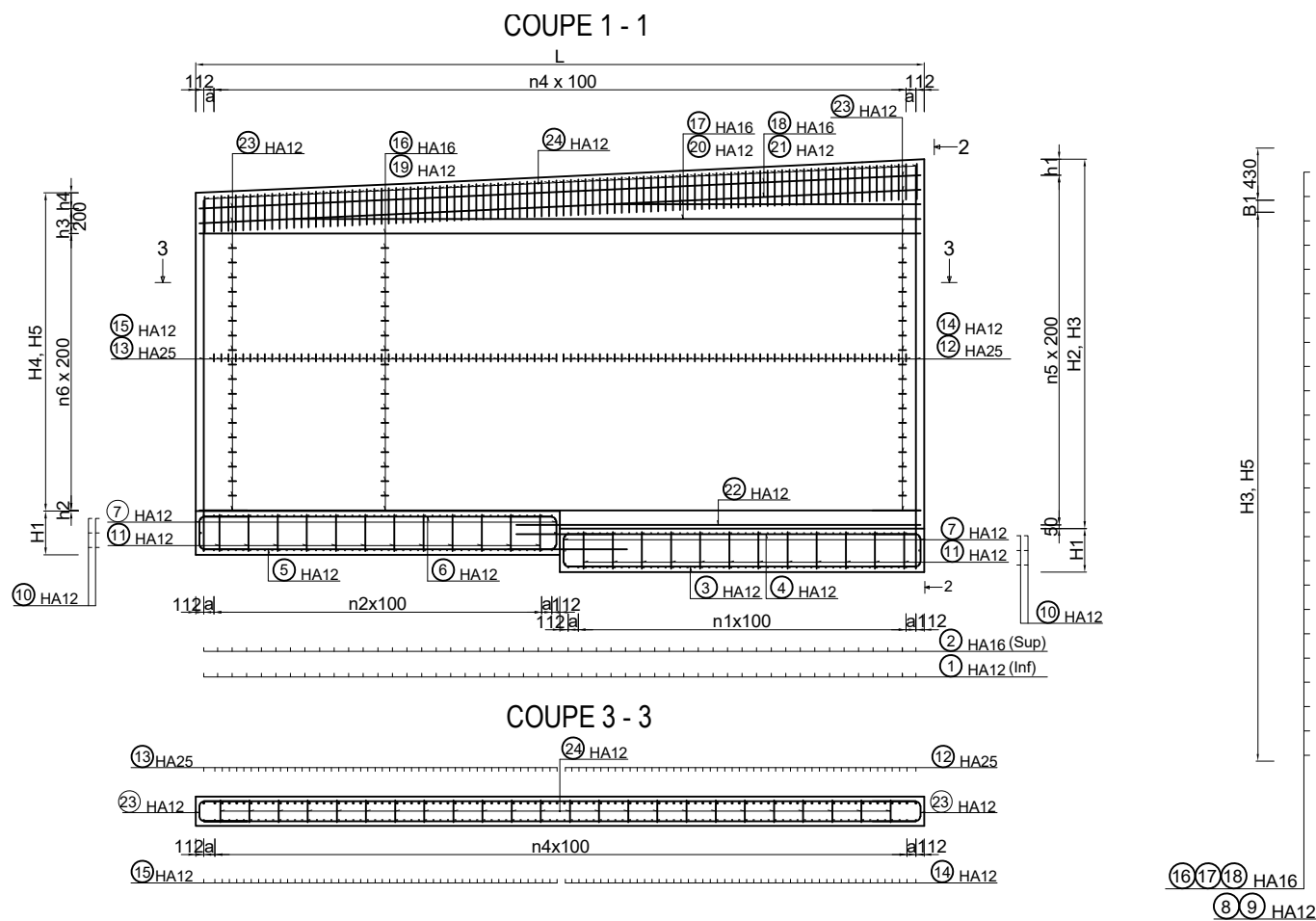
INGÉROSEC CORPORATION

ECOLE DE POLICE
DALLE DE TRANSION - FERRAILLAGE
APPROACH SLAB - BAR ARRANGEMENT

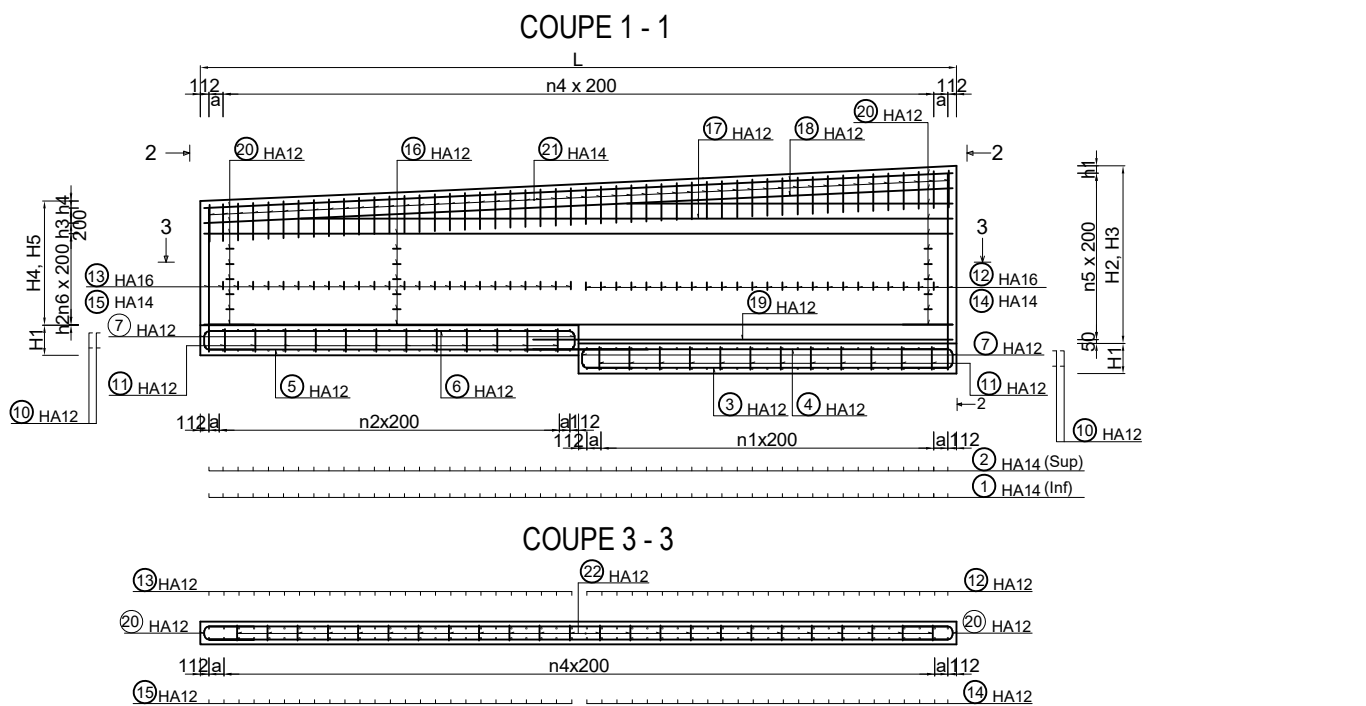
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier/ File:	Emetteur / Issuer	Localisation / Location	Type d'ouvrage -Activité / Type of structure -Activity	Type de document / Type of document	N° / No.	Indice / Index
			OCC, ISEC	BFM	PONT	DESSINS	H-EP-FE-027	A

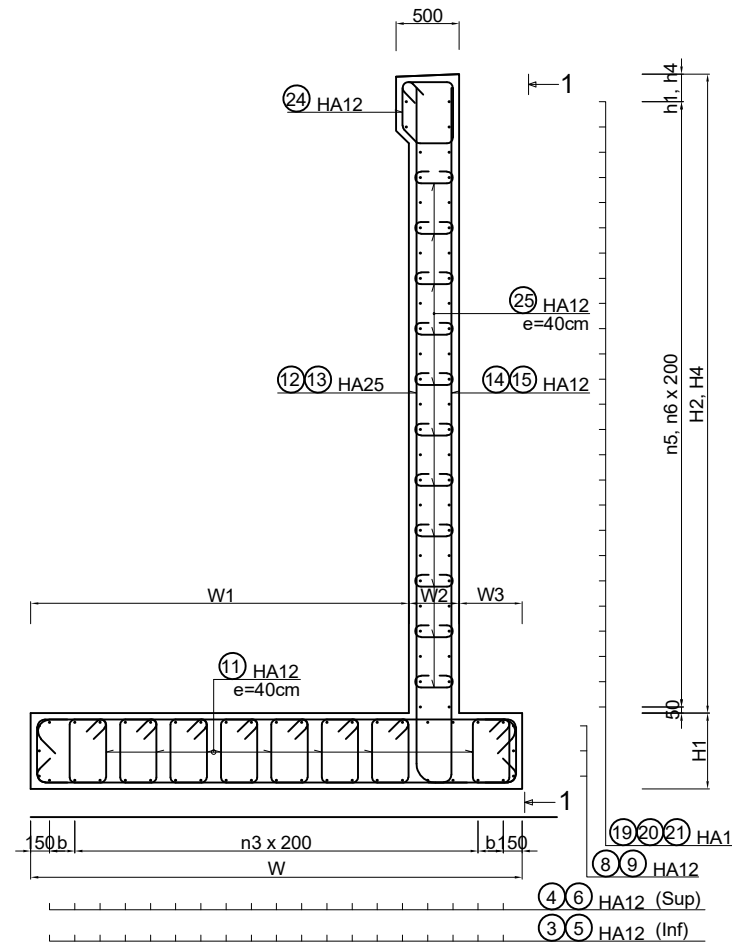
TYPE 1



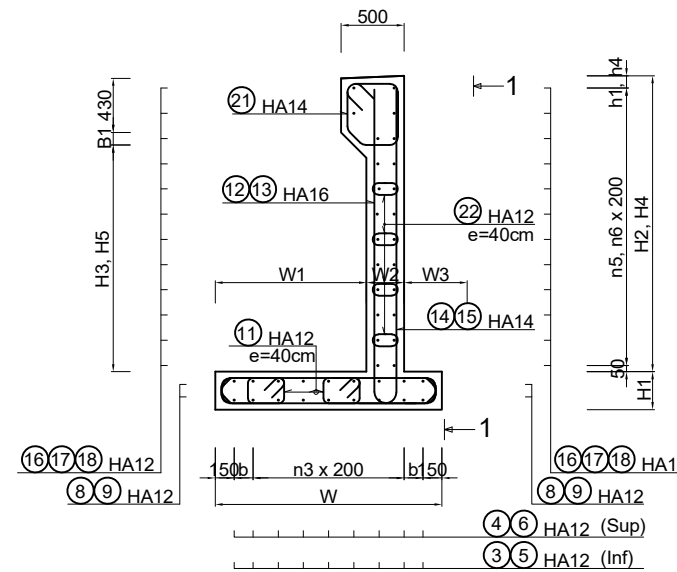
TYPE 2



COUPE 2 - 2



COUPE 2 - 2



	M1				
	TYPE1		TYPE2		
	PLOT1	PLOT2	PLOT3	PLOT4	PLOT5
L	10000	10000	10000	10000	10000
H1	600	500	400	300	1730
H2	5070	4106	3083	2348	1730
H3	4520	3456	2433	1698	1080
H4	4366	3413	2598	1980	1510
H5	3816	2763	1948	1330	860
B1	100	200	200	200	200
W	3900	2900	2300	1800	1600
W1	3000	2100	1500	1200	1000
W2	400	300	300	300	300
W3	500	500	500	300	300
n1	45	45	45	22	22
n2	45	45	45	22	22
n3	18	13	10	6	5
n4	95	95	95	47	47
n5	24	19	14	10	7
n6	19	14	10	7	5
h1	220	256	233	298	280
h2	10	110	0	0	30
h3	136	47	165	82	0
h4	220	256	233	298	280
a	138	138	138	188	188
b	0	0	0	150	150

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



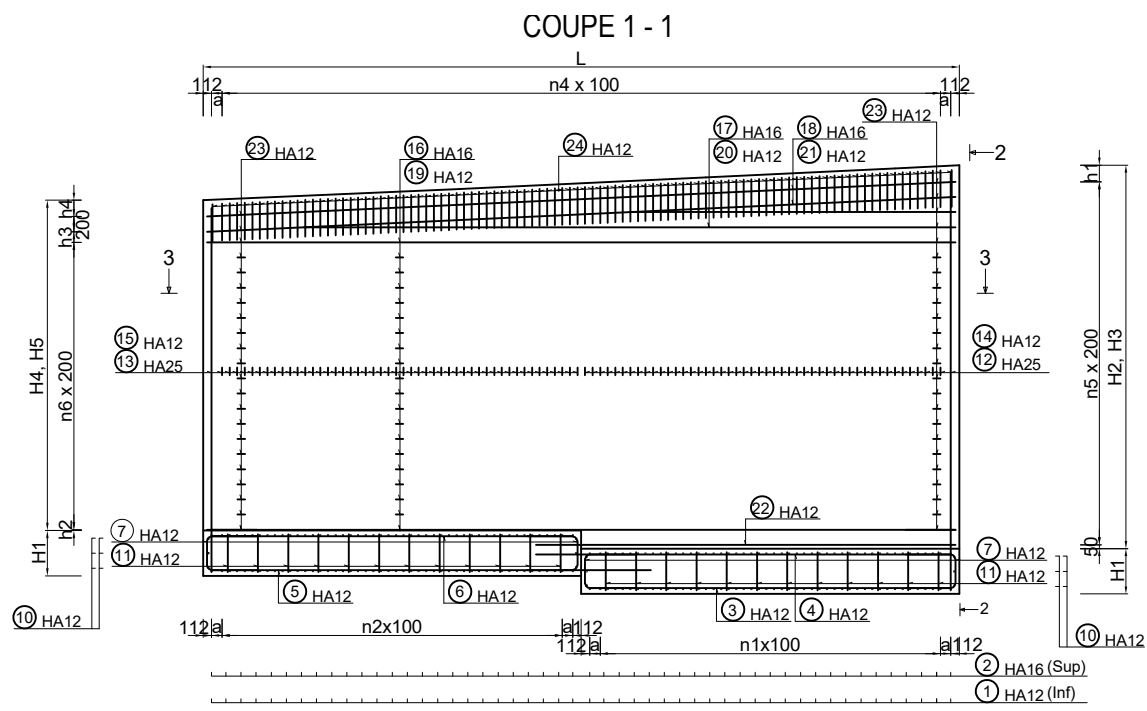
INGÉROSEC CORPORATION

ECOLE DE POLICE
MUR DE SOUTÈNEMENT M1 - FERRAILLAGE (1)
RETAINING WALL M1 - BAR ARRANGEMENT (1)

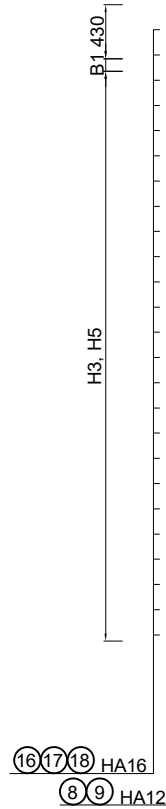
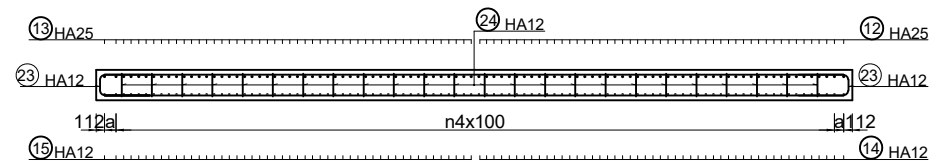
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier/ File :				
Émetteur / Issuer	Localisation / Location	Type d'ouvrage -Activité / Type of structure -Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCG, ISEC	BFM	PONT	DESSINS	H-EP-FE-028	A	

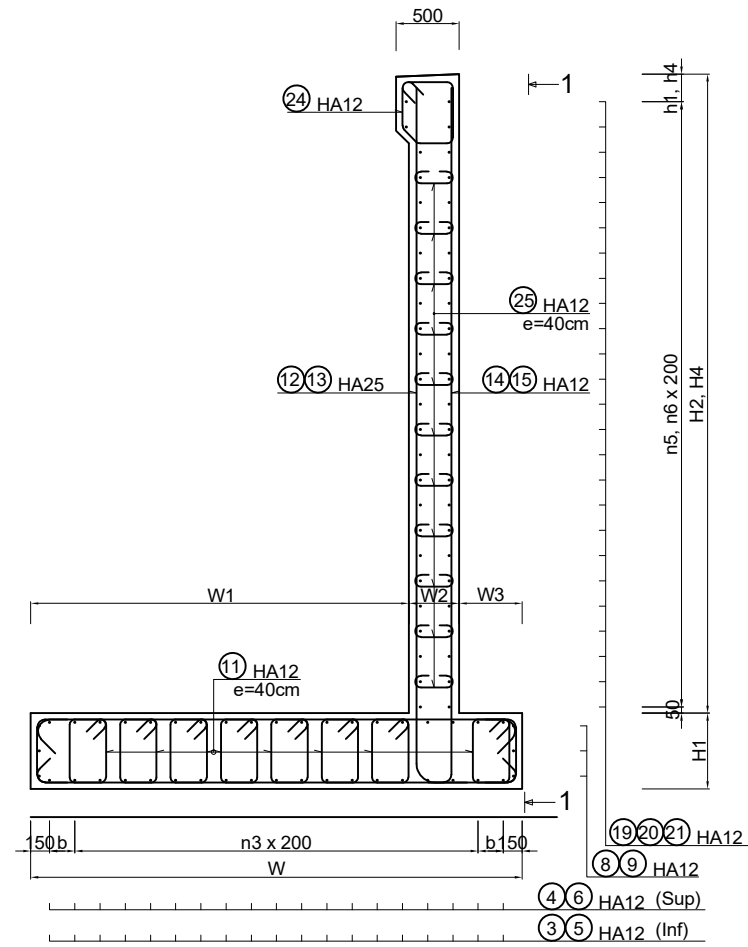
TYPE 1



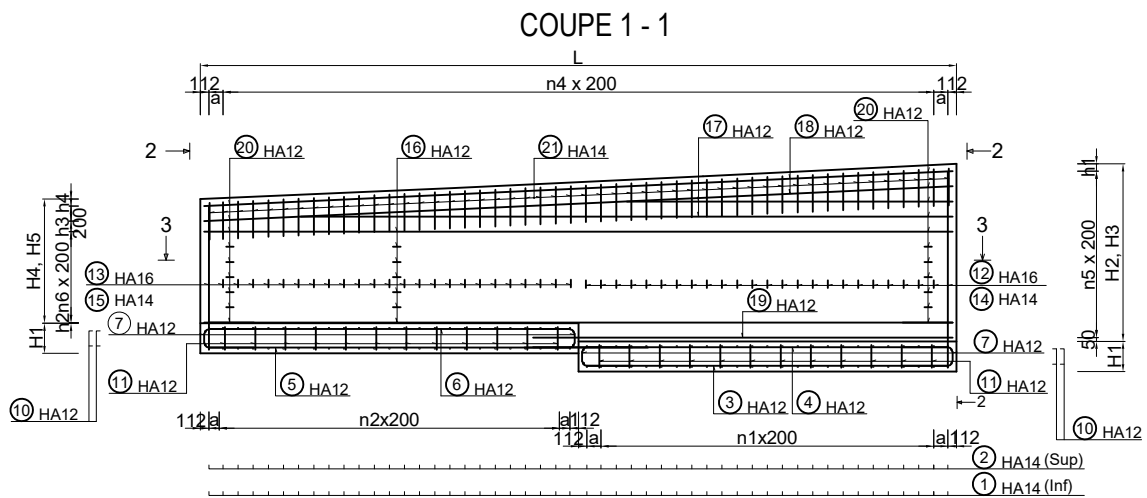
COUPE 3-3



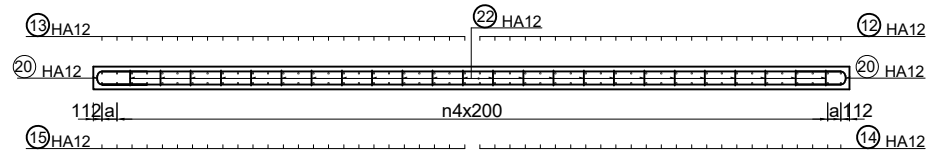
COUPE 2-2



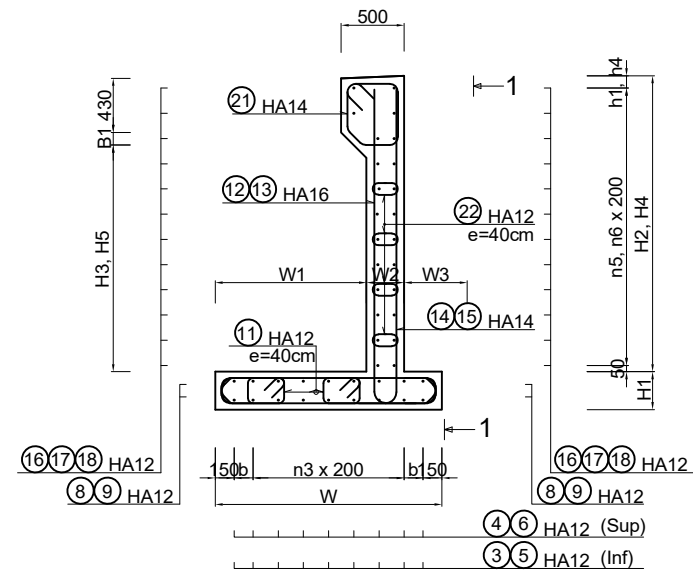
TYPE 2



COUPE 3-3



COUPE 2-2



	M2				
	TYPE1		TYPE2		
	PLOT1	PLOT2	PLOT3	PLOT4	PLOT5
L	10000	10000	10000	10000	8000
H1	600	500	350	300	300
H2	4400	3536	2783	2148	1640
H3	3850	2886	2133	1498	990
H4	3736	2983	2348	1980	1631
H5	3186	2333	1698	1330	981
B1	100	200	200	200	200
W	3800	2500	2200	1800	1600
W1	2900	1700	1400	1200	1000
W2	400	300	300	300	300
W3	500	500	500	300	300
n1	45	45	22	22	75
n2	45	45	22	22	-
n3	16	11	8	6	5
n4	95	95	47	47	75
n5	21	16	13	9	7
n6	16	12	9	6	5
h1	150	286	133	298	190
h2	50	50	50	50	50
h3	136	47	165	82	191
h4	150	286	133	298	190
a	138	138	138	188	188
b	150	0	150	150	150

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS A ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE

Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



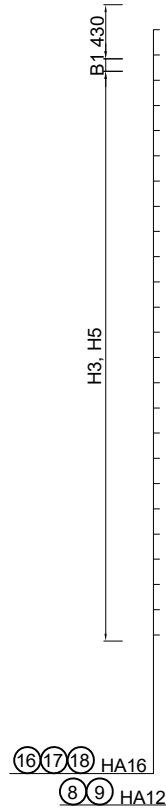
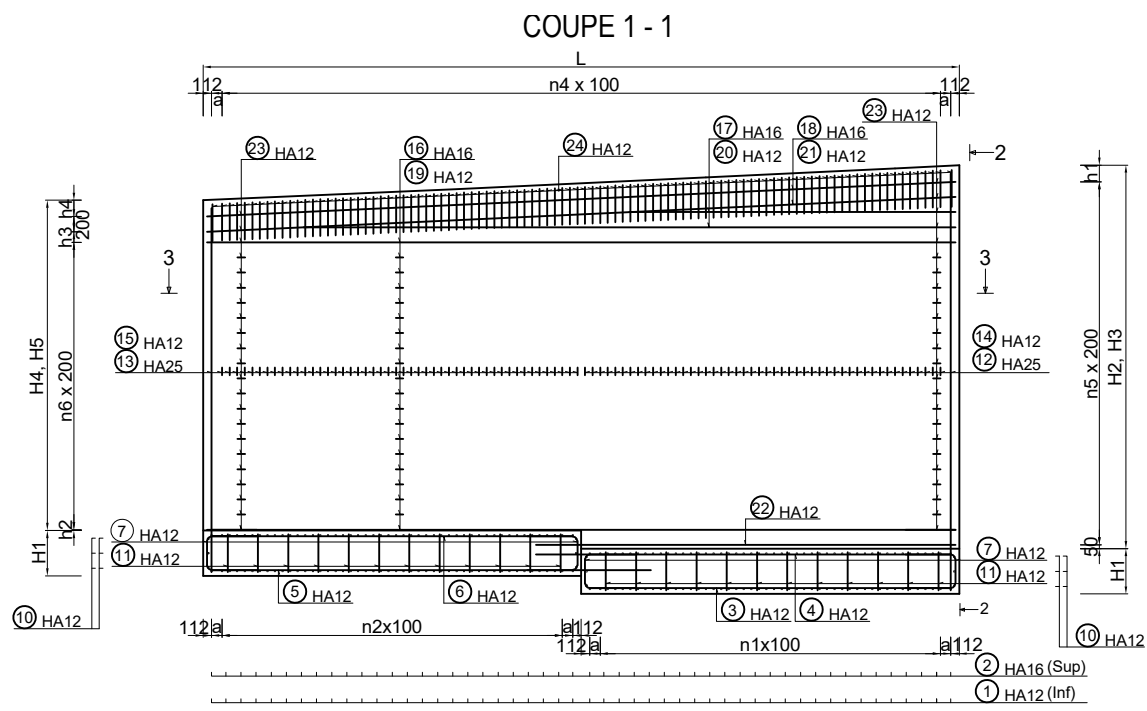
INGÉROSEC CORPORATION

ECOLE DE POLICE
MUR DE SOUTÈNEMENT M2 - FERRAILLAGE (1)
RETAINING WALL M2 - BAR ARRANGEMENT (1)

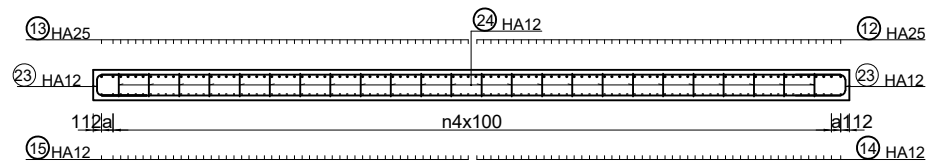
Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier/ File :				
Émetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCG, ISEC	BFM	PONT	DESSINS	H-EP-FE-030	A	

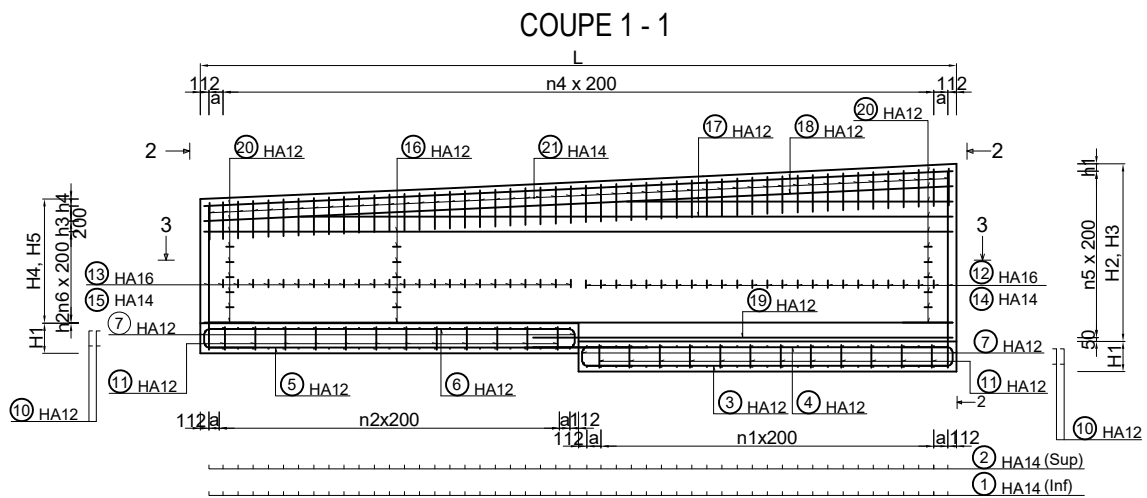
TYPE 1



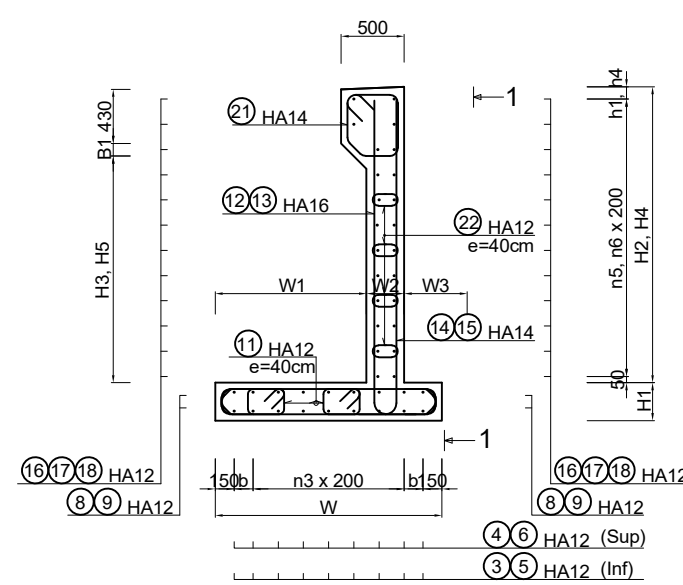
COUPE 3-3



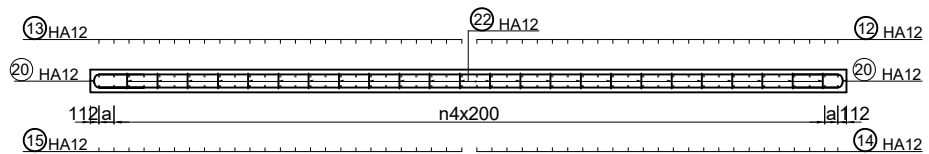
TYPE 2



COUPE 2-2



COUPE 3-3



PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN



REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier



AGENCE DE GESTION DES ROUTES



AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



INGÉROSEC CORPORATION

ECOLE DE POLICE
MUR DE SOUTÈNEMENT M3 - FERRAILLAGE (1)
RETAINING WALL M3 - BAR ARRANGEMENT (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File :				
Émetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity	Type de document / Type of document	N° / No.	Indice / Index	
OCG, ISEC	BFM	PONT	DESSINS	H-EP-FE-032	A	

QUANTITE D'ARMATURES POUR UN MUR DE SOUTÈNEMENT
/ QUANTITY OF REBARS FOR A RETAINING WALL

Table with columns: NO, TYPE, SIZE, NOMBRE (PRELÈVEMENT, TOTAL), ESP, LONG. UNITAIRE(m), SCHEMA(m), LONG. TOTALE(m). Rows 1-29 for PLOT1.

RECAPITULATIF ACIERS / SUMMARY STEELS. Table with columns: HA, 6, 8, 10, 12, 14, 16, 20, 25, 32, 40, POIDS (kg/m), LONG. (m), POIDS (kg), TOTAL.

TOTAL POUR M3 / TOTAL FOR M3
POIDS TOTAL(kg) : 22897.12

QUANTITE D'ARMATURES POUR UN MUR DE SOUTÈNEMENT
/ QUANTITY OF REBARS FOR A RETAINING WALL

Table with columns: NO, TYPE, SIZE, NOMBRE (PRELÈVEMENT, TOTAL), ESP, LONG. UNITAIRE(m), SCHEMA(m), LONG. TOTALE(m). Rows 1-29 for PLOT2.

RECAPITULATIF ACIERS / SUMMARY STEELS. Table with columns: HA, 6, 8, 10, 12, 14, 16, 20, 25, 32, 40, POIDS (kg/m), LONG. (m), POIDS (kg), TOTAL.

TOTAL POUR M3 / TOTAL FOR M3
POIDS TOTAL(kg) : 22897.12

QUANTITE D'ARMATURES POUR UN MUR DE SOUTÈNEMENT
/ QUANTITY OF REBARS FOR A RETAINING WALL

Table with columns: NO, TYPE, SIZE, NOMBRE (PRELÈVEMENT, TOTAL), ESP, LONG. UNITAIRE(m), SCHEMA(m), LONG. TOTALE(m). Rows 1-29 for PLOT3.

RECAPITULATIF ACIERS / SUMMARY STEELS. Table with columns: HA, 6, 8, 10, 12, 14, 16, 20, 25, 32, 40, POIDS (kg/m), LONG. (m), POIDS (kg), TOTAL.

TOTAL POUR M3 / TOTAL FOR M3
POIDS TOTAL(kg) : 22897.12

QUANTITE D'ARMATURES POUR UN MUR DE SOUTÈNEMENT
/ QUANTITY OF REBARS FOR A RETAINING WALL

Table with columns: NO, TYPE, SIZE, NOMBRE (PRELÈVEMENT, TOTAL), ESP, LONG. UNITAIRE(m), SCHEMA(m), LONG. TOTALE(m). Rows 1-29 for PLOT4.

RECAPITULATIF ACIERS / SUMMARY STEELS. Table with columns: HA, 6, 8, 10, 12, 14, 16, 20, 25, 32, 40, POIDS (kg/m), LONG. (m), POIDS (kg), TOTAL.

TOTAL POUR M3 / TOTAL FOR M3
POIDS TOTAL(kg) : 22897.12

QUANTITE D'ARMATURES POUR UN MUR DE SOUTÈNEMENT
/ QUANTITY OF REBARS FOR A RETAINING WALL

Table with columns: NO, TYPE, SIZE, NOMBRE (PRELÈVEMENT, TOTAL), ESP, LONG. UNITAIRE(m), SCHEMA(m), LONG. TOTALE(m). Rows 1-29 for PLOT5.

RECAPITULATIF ACIERS / SUMMARY STEELS. Table with columns: HA, 6, 8, 10, 12, 14, 16, 20, 25, 32, 40, POIDS (kg/m), LONG. (m), POIDS (kg), TOTAL.

TOTAL POUR M3 / TOTAL FOR M3
POIDS TOTAL(kg) : 22897.12

QUANTITE D'ARMATURES POUR UN MUR DE SOUTÈNEMENT
/ QUANTITY OF REBARS FOR A RETAINING WALL

Table with columns: NO, TYPE, SIZE, NOMBRE (PRELÈVEMENT, TOTAL), ESP, LONG. UNITAIRE(m), SCHEMA(m), LONG. TOTALE(m). Rows 1-29 for PLOT6.

RECAPITULATIF ACIERS / SUMMARY STEELS. Table with columns: HA, 6, 8, 10, 12, 14, 16, 20, 25, 32, 40, POIDS (kg/m), LONG. (m), POIDS (kg), TOTAL.

TOTAL POUR M3 / TOTAL FOR M3
POIDS TOTAL(kg) : 22897.12

QUANTITE D'ARMATURES POUR UN MUR DE SOUTÈNEMENT
/ QUANTITY OF REBARS FOR A RETAINING WALL

Table with columns: NO, TYPE, SIZE, NOMBRE (PRELÈVEMENT, TOTAL), ESP, LONG. UNITAIRE(m), SCHEMA(m), LONG. TOTALE(m). Rows 1-29 for PLOT7.

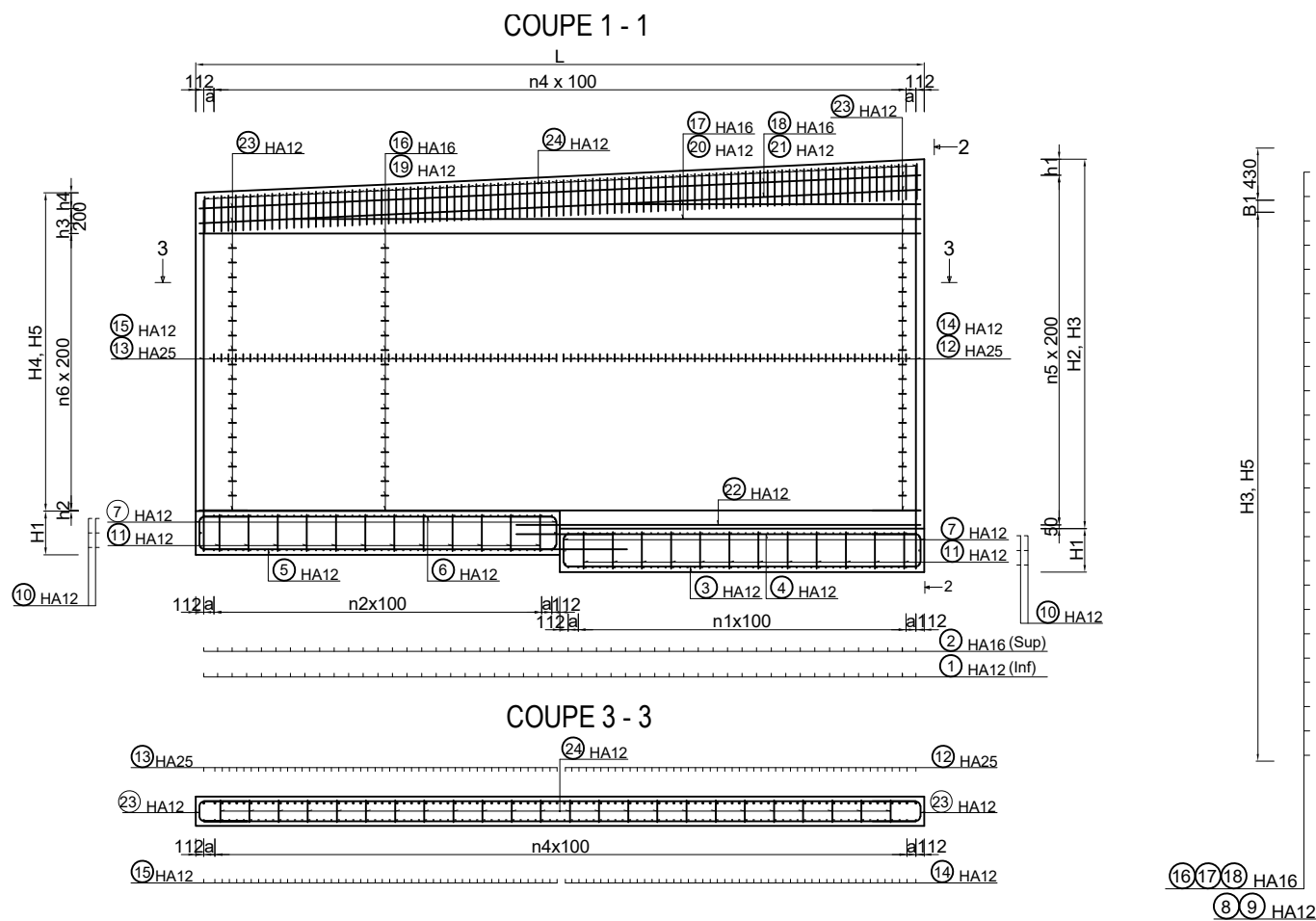
RECAPITULATIF ACIERS / SUMMARY STEELS. Table with columns: HA, 6, 8, 10, 12, 14, 16, 20, 25, 32, 40, POIDS (kg/m), LONG. (m), POIDS (kg), TOTAL.

TOTAL POUR M3 / TOTAL FOR M3
POIDS TOTAL(kg) : 22897.12

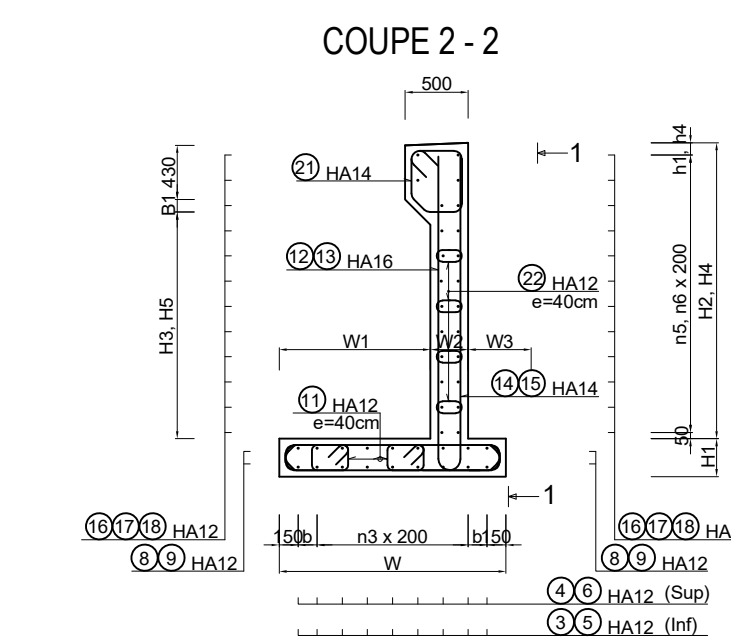
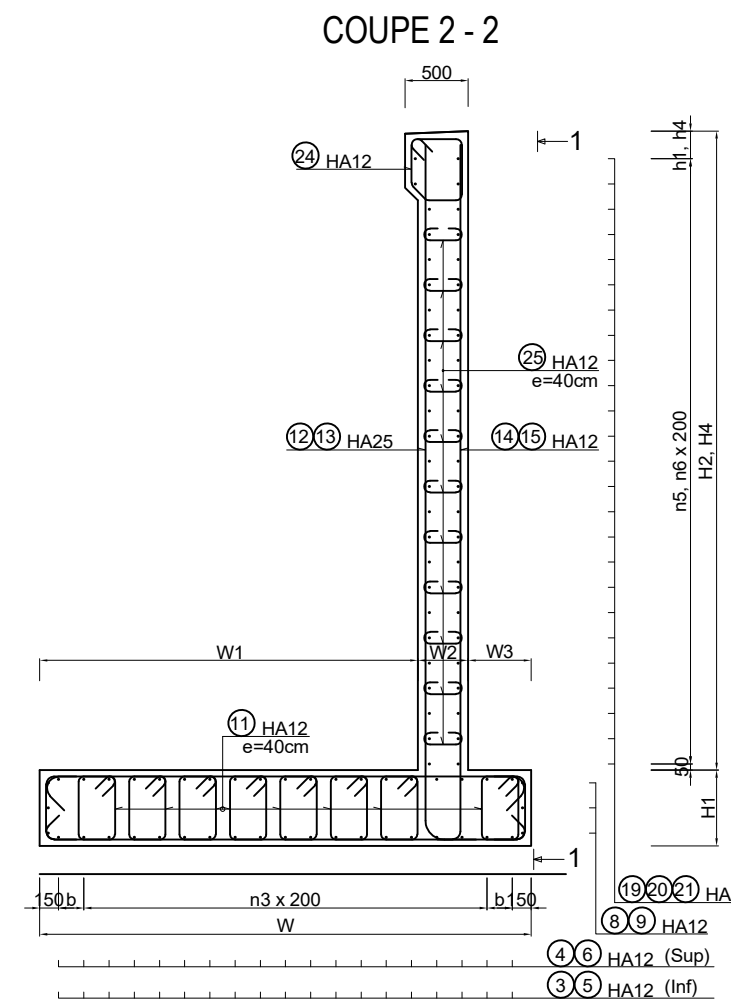
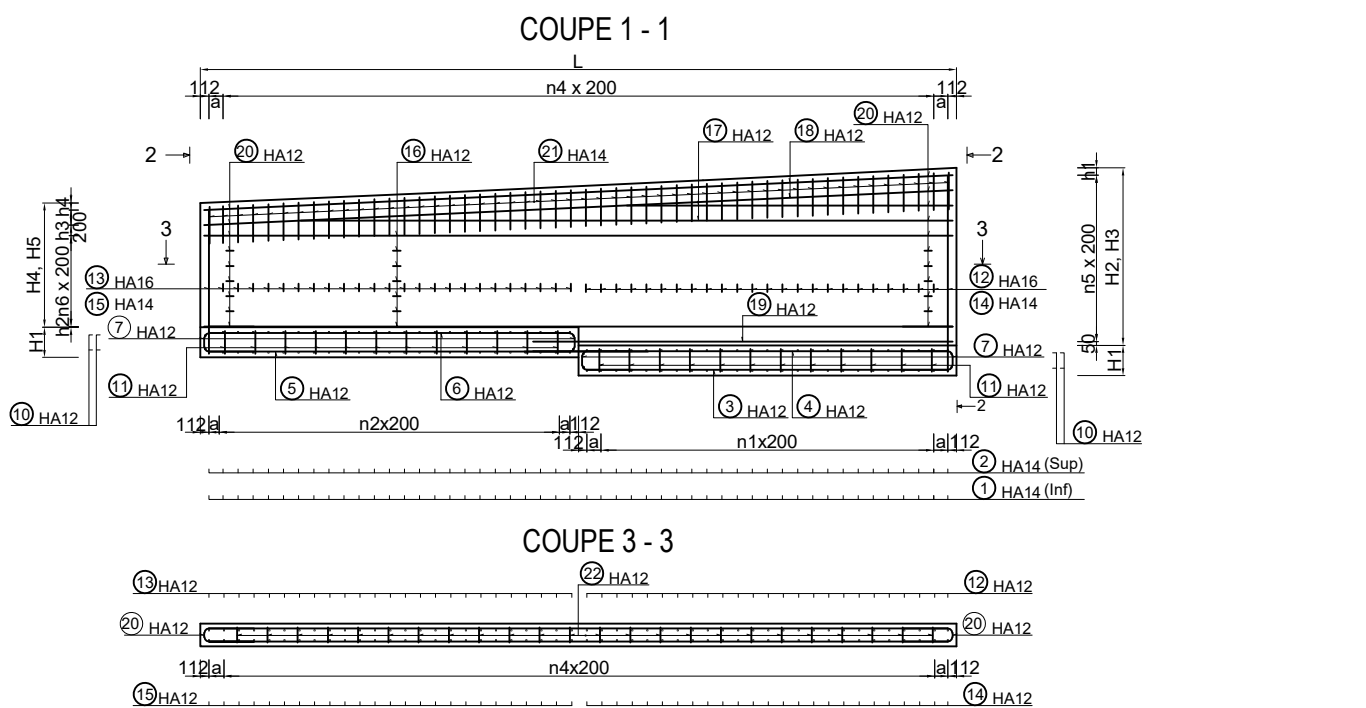
M3 TYPE1 TYPE2 PLOT1 PLOT2 PLOT3 PLOT4 PLOT5 PLOT6 PLOT7. Table with 11 columns and 27 rows for bar arrangement.

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN. REPUBLIQUE DE COTE D'IVOIRE. Agence de Gestion des Routes, Agence Japonaise de Coopération Internationale (JICA), Oriental Consultants Global Co., Ltd., INGÉROSEC CORPORATION. ECOLE DE POLICE MUR DE SOUTÈNEMENT M3 - FERRAILLAGE (2) RETAINING WALL M3 - BAR ARRANGEMENT (2). Includes logos and a table for document control.

TYPE 1



TYPE 2



	M4					
	TYPE1		TYPE2			
	PLOT1	PLOT2	PLOT3	PLOT4	PLOT5	PLOT6
L	10000	10000	10000	10000	10000	12000
H1	700	600	500	350	300	300
H2	5624	4607	3715	2948	2307	1790
H3	5074	3957	3065	2298	1657	1140
H4	4857	3965	3198	2557	2040	1684
H5	4307	3315	2548	1907	1390	1034
B1	100	200	200	200	200	200
W	4700	3400	2600	2300	1800	1600
W1	3800	2600	1800	1500	1200	1000
W2	400	300	300	300	300	300
W3	500	500	500	500	300	300
n1	45	45	45	22	22	55
n2	45	45	45	22	22	55
n3	17	14	10	10	6	5
n4	95	95	95	47	47	57
n5	27	22	17	13	10	8
n6	22	18	13	10	9	7
h1	174	157	265	298	257	140
h2	0	0	0	0	0	0
h3	83	8	133	59	25	99
h4	174	157	265	298	257	140
a	138	138	138	188	188	188
b	0	150	150	0	150	150

PROJET DE CONSTRUCTION DE TROIS ECHANGEURS À ABIDJAN

REPUBLIQUE DE COTE D'IVOIRE
Ministère de l'Équipement et de l'Entretien Routier

AGENCE DE GESTION DES ROUTES

JICA AGENCE JAPONAISE DE COOPÉRATION INTERNATIONALE
/ JAPAN INTERNATIONAL COOPERATION AGENCY

OC GLOBAL ORIENTAL CONSULTANTS GLOBAL CO., LTD.
INGÉROSEC INGÉROSEC CORPORATION

ECOLE DE POLICE
MUR DE SOUTÈNEMENT M4 - FERRAILLAGE (1)
RETAINING WALL M4 - BAR ARRANGEMENT (1)

Indice / Index	Date / Date	Préparé par / Prepared by	Vérifié par / Checked by	Approuvé par / Approved by	Description / Description	Statut / Status
A		S.N	J.R	T.K	PREMIERE VERSION	EXT

Format	A3	Fichier / File
Émetteur / Issuer	Localisation / Location	Type d'ouvrage - Activité / Type of structure - Activity
OCG, ISEC	BFM	PONT
		Type de document / Type of document
		DESSINS
		N° / No.
		H-EP-FE-034
		Indice / Index
		A

