

MAITRE D'OUVRAGE:

Caen la Mer Habitat
1 Place Jean Nouzille
14000 Caen

ENTREPRISE GENERALE:

BOUYGUES BATIMENT GRAND OUEST
Allée du Grand Clos – 14320 Saint-André-sur-Orne
T.: 02 78 96 08 23
Fax: 02 31 52 96 53

23 LOGEMENTS

59, Avenue de la Libération – Caen



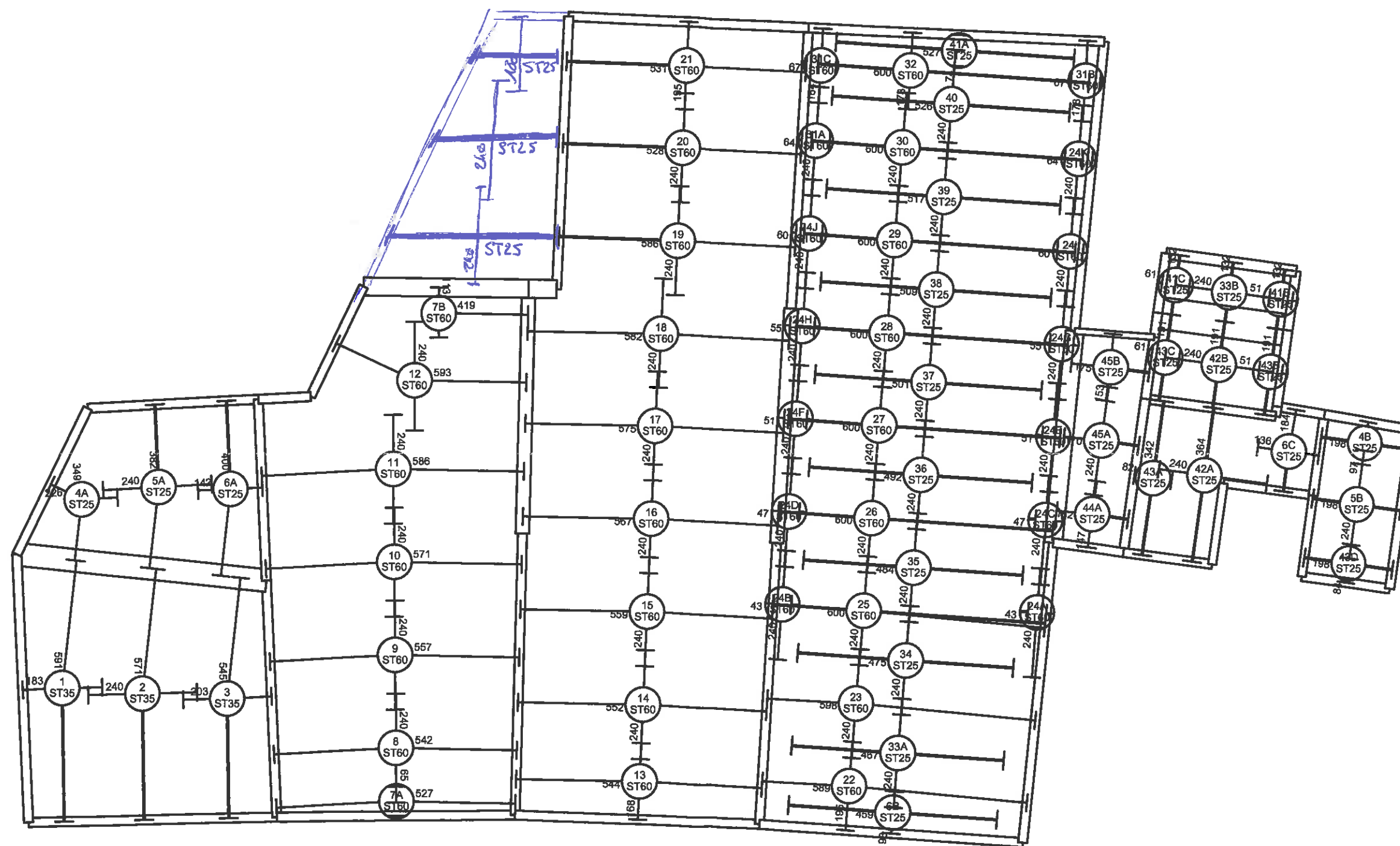
MAITRE D'OEUVRE		
MILLET CHILOU & ASSOCIES Architecte	8, Rue du Blanc 14000 Caen Tél.: 02 31 74 42 62 / Fax: 02 32 74 84 34 Email: accueil@mca-architectes.com	
BOULARD BET Fluides & Thermique	4, Longue vue des architectes 14111 Louvigny Tél.: 02 31 23 61 56 Email: etudes@boulard14.com	
BADER BET Fluides Electricité	4, Longue vue des architectes 14111 Louvigny Tél.: 09 53 20 89 49 / Fax: 09 58 20 89 49	
IBATEC-BETON BET STRUCTURE	15, Rue Karl Probst 14000 Caen Tél.: 02 31 35 24 25 / Fax: 02 31 35 24 29 Email: mehdi@ibatec-beton.fr	

CONTROLE		
VERITAS Bureau de contrôle	4, Place de Boston – BP62 14203 Hérouville-St-Clair Cedex Tél : 02 31 94 91 21	
DEKRA SPS	4, rue Alfred Kastler 14000 Caen Tél : 02 31 35 27 00	
BUREAU D'ETUDES EXE		
3, Rue du Thiers 61300 L'Aigle Tél. : 02 33 24 40 38 Fax : 02 33 34 45 48		

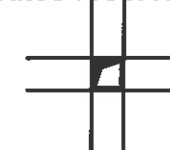
PLANCHER BAS SOUS-SOL : ARMATURES

Date	03/05/17				Échelle	-
Phase	Lot	Nature	Emetteur	Niveau	N°	Indice
EXE	02	ARM	SEM	FON	0102	0

DATE	INDICE	OBJET DE LA MODIFICATION
03/05/17	0	Première diffusion



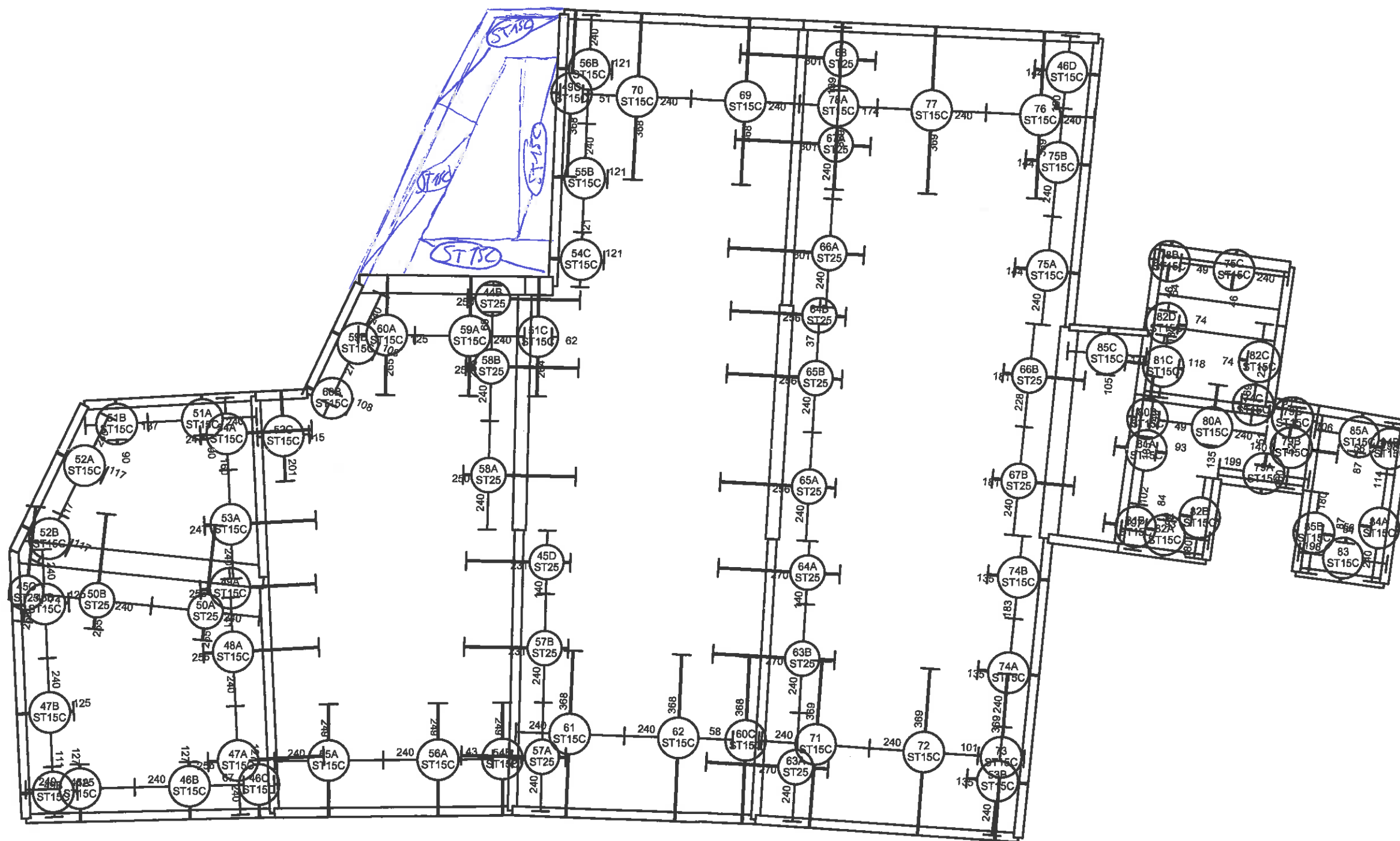
Petites réservations



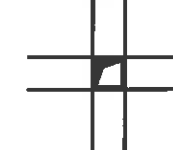
4 HA8 L= 1.20m

Bords libres

Acier en U HA 8 Esp=0.25
2 HA 10 filants



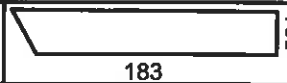
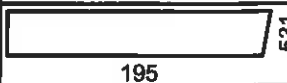
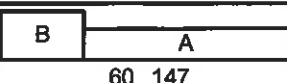

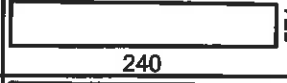
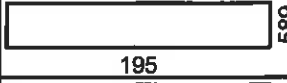
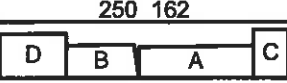
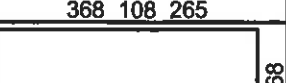
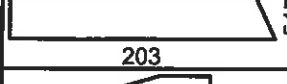
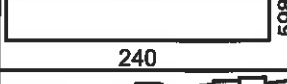
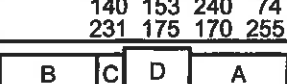
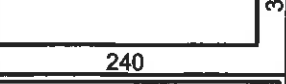
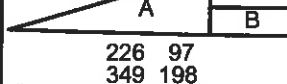
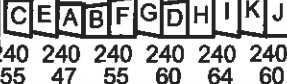
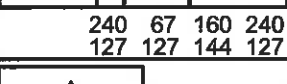
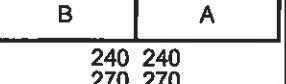

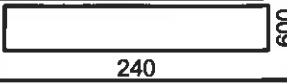
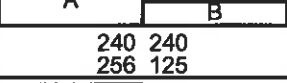
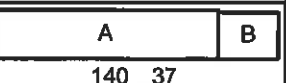
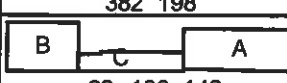

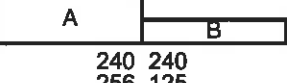
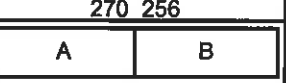
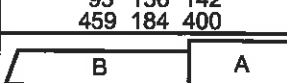
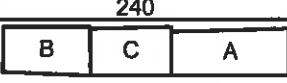
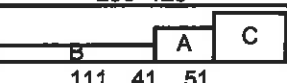
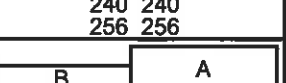
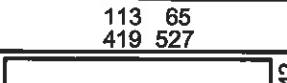
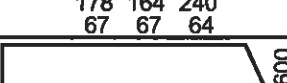
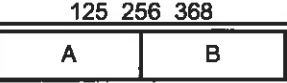
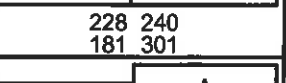
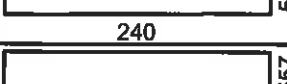
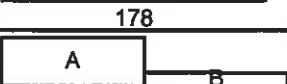
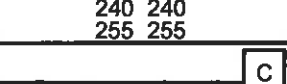
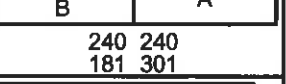
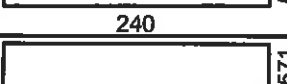
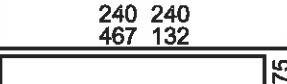
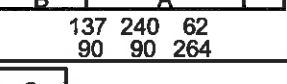
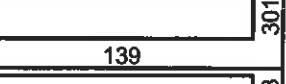
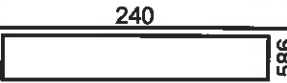
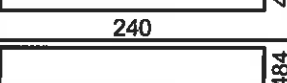
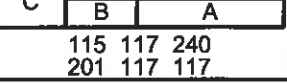
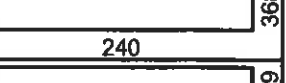
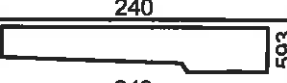
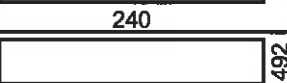
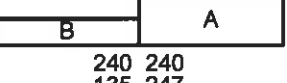
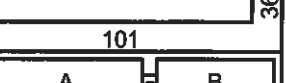
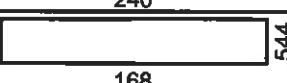
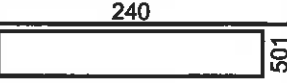
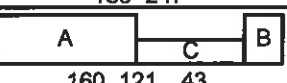
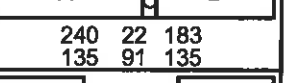
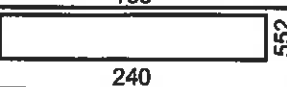
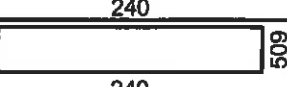
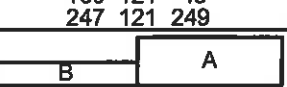
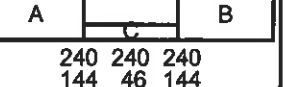
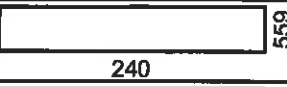
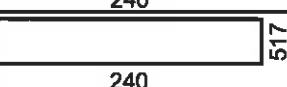
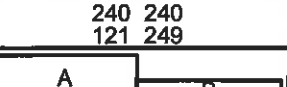
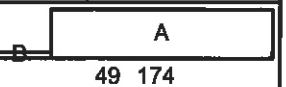
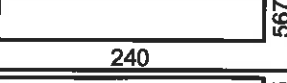
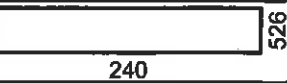
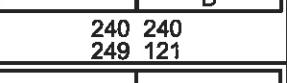
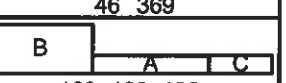
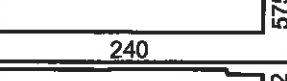
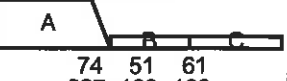
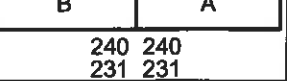
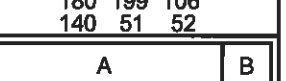
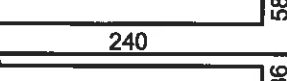
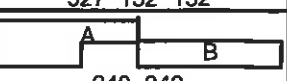
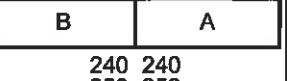
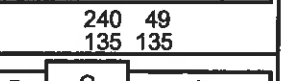
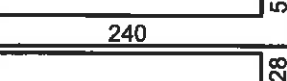
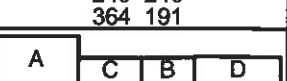
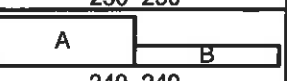
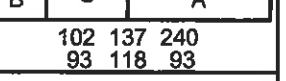
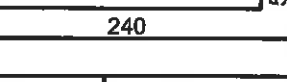
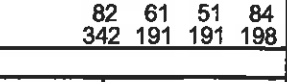
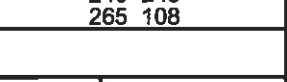

Petites réservations



4 HA8 L= 1.20m

Bords libres

Acier en U HA 8 Esp=0.25
2 HA 10 filants

<div><div><div>Bureau d'études structures</div><div>bâtiment et génie civil</div><div>3, rue Thiers</div><div>61800 L'AGLE</div><div>02 33 24 40 38</div><div>contact@bet-semo.fr</div></div></div>			CAHIER 1.01			PB S-SOL			Béton=69.66 m3 Cof=321.1 m²			E=30cm			18000								
									TS=3648.8 kg d= 10.5 kg/m²						18000								
- Date 03/05/17 - 7 étages -																							
fck= 25 MPa fyk= 500 MPa																							
Nom		Poids	Forme		Nom		Poids	Forme		Nom		Poids	Forme		Nom		Poids	Forme					
1	1ST35	41			21	1ST60	71			44	1ST25	12			60	1ST15C	13						
2	1ST35	54			22	1ST60	80			45	1ST25	35			61	6ST15C	118						
3	1ST35	42			23	1ST60	99			46	1ST15C	21			62	1ST25	39						
4	1ST25	20			24	1ST60	92			47	1ST15C	20			63	1ST25	14						
5	1ST25	41			25	1ST60	100			48	1ST15C	20			64	1ST25	37						
6	1ST25	37			26	5ST60	501			49	1ST15C	10			65	1ST25	34						
7	1ST60	54			27	1ST60	26			50	1ST25	37			66	1ST25	35						
8	1ST60	89			28	1ST60	71			51	1ST15C	11			67	1ST25	13						
9	1ST60	92			29	1ST25	43			52	1ST15C	14			68	1ST25	39						
10	1ST60	94			30	1ST25	34			53	1ST15C	20			69	2ST15C	8						
11	1ST60	97			31	1ST25	35			54	1ST15C	14			70	1ST15C	15						
12	1ST60	81			32	1ST25	36			55	1ST15C	20			71	1ST15C	9						
13	1ST60	63			33	1ST25	36			56	1ST15C	33			72	1ST15C	9						
14	1ST60	91			34	1ST25	37			57	1ST15C	20			73	1ST15C	11						
15	1ST60	93			35	1ST25	37			58	1ST15C	20			74	1ST15C	9						
16	1ST60	94			36	1ST25	38			59	1ST15C	20			75	1ST15C	15						
17	1ST60	95			37	1ST25	15			60	1ST15C	20			76	1ST15C	9						
18	1ST60	95			38	1ST25	34			61	1ST15C	20			77	1ST15C	9						
19	1ST60	87			39	1ST25	20			62	1ST15C	20			78	1ST15C	9						
20	1ST60	88			40	1ST25	20			63	1ST15C	20			79	1ST15C	9						
Nom		Nbr		Ratio		Nom		Nbr		Ratio		Nom		Nbr		Ratio		Nom		Nbr		Ratio	
ST15C		24				ST25		21				ST35		3				ST60		23			