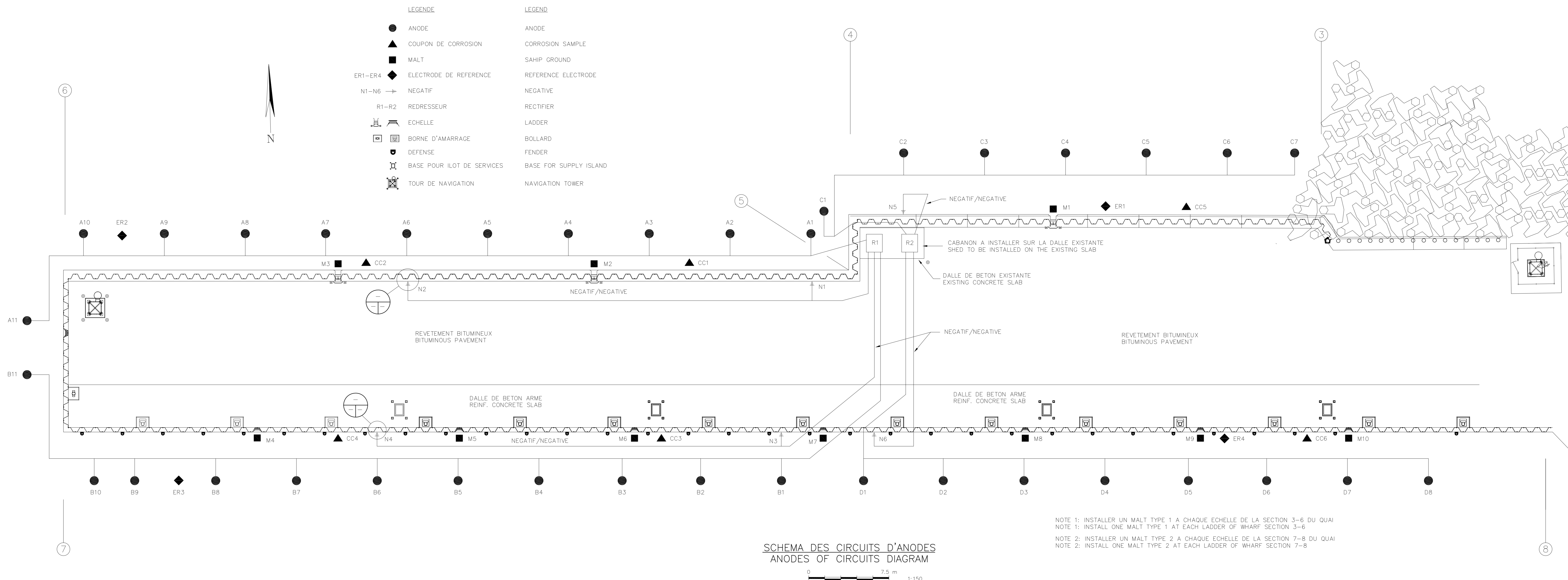


LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ÊTRE VÉRIFIÉES SUR PLACE PAR L'ENTREPRENEUR.

AVANT DE COMMENCER LES TRAVAUX, VÉRIFIER EN CONSÉQUENCE, MESURER AVANT DE COUPER TOUTE PIÈCE.

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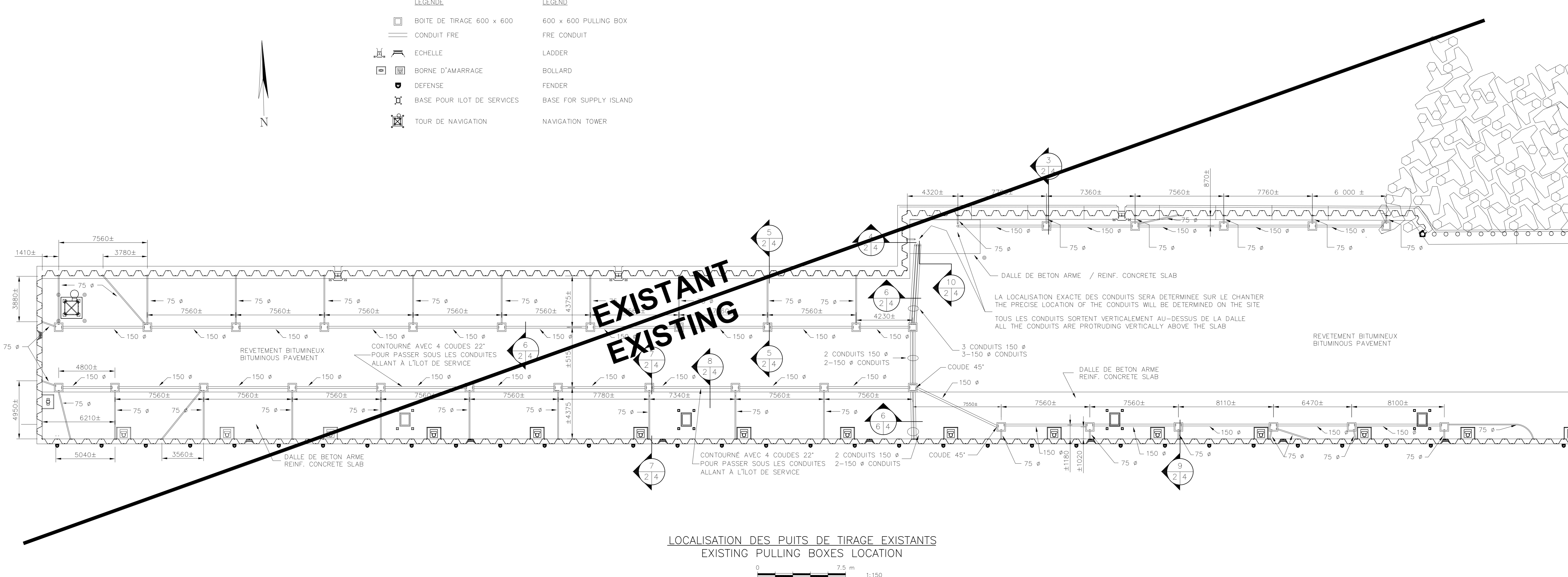
BEFORE STARTING THE WORKS, CHECK ACCORDINGLY, AND MEASURE ADEQUATELY BEFORE CUTTING ANY COMPONENT.



SCHEMA DES CIRCUITS D'ANODES
ANODES OF CIRCUITS DIAGRAM

0 7.5 m 1:150

- LEGENDE
- BOITE DE TIRAGE 600 x 600
 - CONDUIT FRE
 - ECHELLE
 - BORNE D'AMARRAGE
 - DEFENSE
 - BASE POUR ILOT DE SERVICES
 - TOUR DE NAVIGATION
- LEGEND
- 600 x 600 PULLING BOX
 - FRE CONDUIT
 - LADDER
 - BOLLARD
 - FENDER
 - BASE FOR SUPPLY ISLAND
 - NAVIGATION TOWER



LOCALISATION DES PUIXS DE TIRAGE EXISTANTS
EXISTING PULLING BOXES LOCATION

0 7.5 m 1:150

1 POUR/FOR SUBMISSION

Revision	Description	Par/By	Date
A	A: Numéro du détail		
B	B: Feuille sur laquelle le détail est retiré		
C	C: Feuille sur laquelle le détail est dessiné		

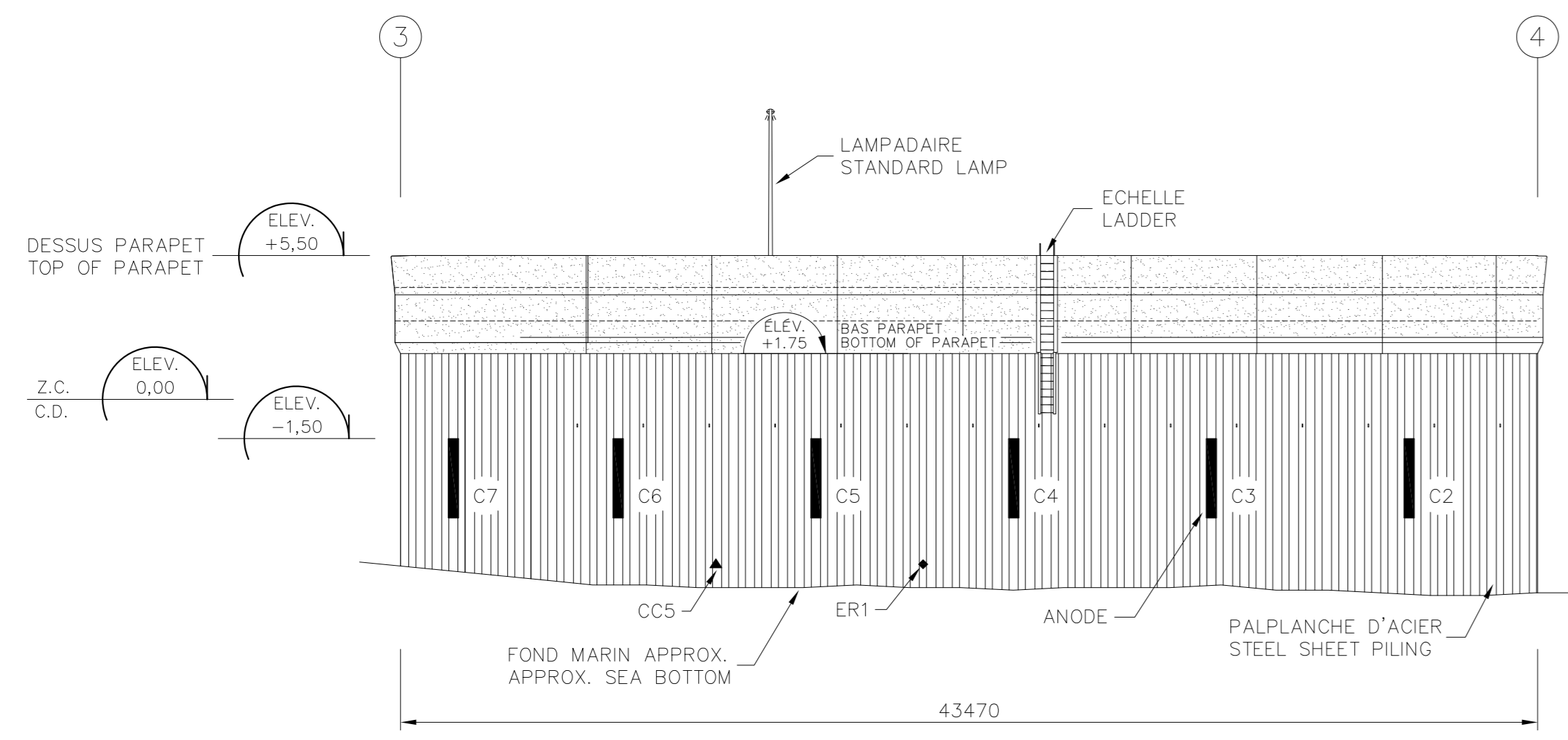
Toute modification doit être rapportée à: [Signature]

RIVIÈRE-AU-RENARD
PROTECTION CATHODIQUE
CATHODIC PROTECTION

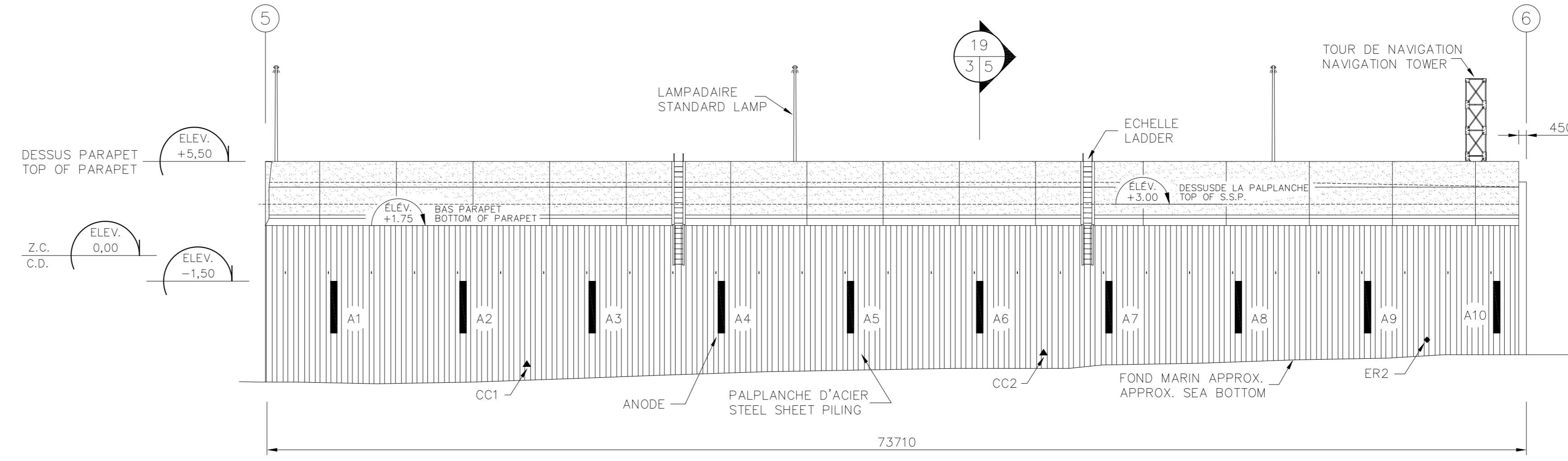
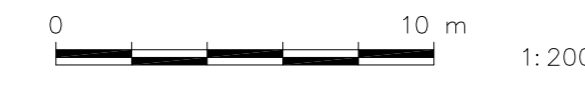
QUAI PRINCIPAL NORD
NORTH PRINCIPAL WHARF
VUES EN PLAN
PLAN VIEWS

Conçu par / Designed by	Date
GEORGE CALAVRE Ing.	2015-03-10
Dessiné par / Drawn by	Date
RENALD BILODEAU	2015-03-12
Vérifié par / Checked by	Date
GEORGE CALAVRE Ing.	2015-03-14
Approuvé par / Approved by	Date
YVES GINGRAS Ing.	

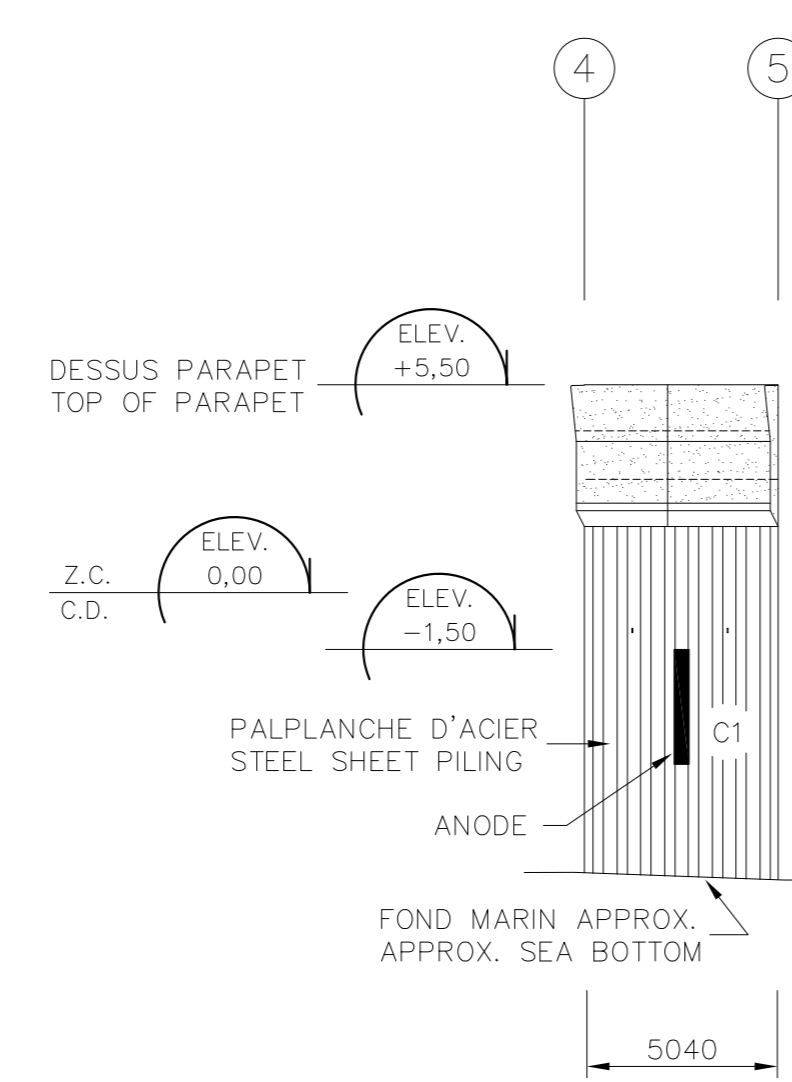
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Nl. dessin / Drawing no.	PPB16-3768-P01-01	Nl. feuille / Sheet no.	02/10



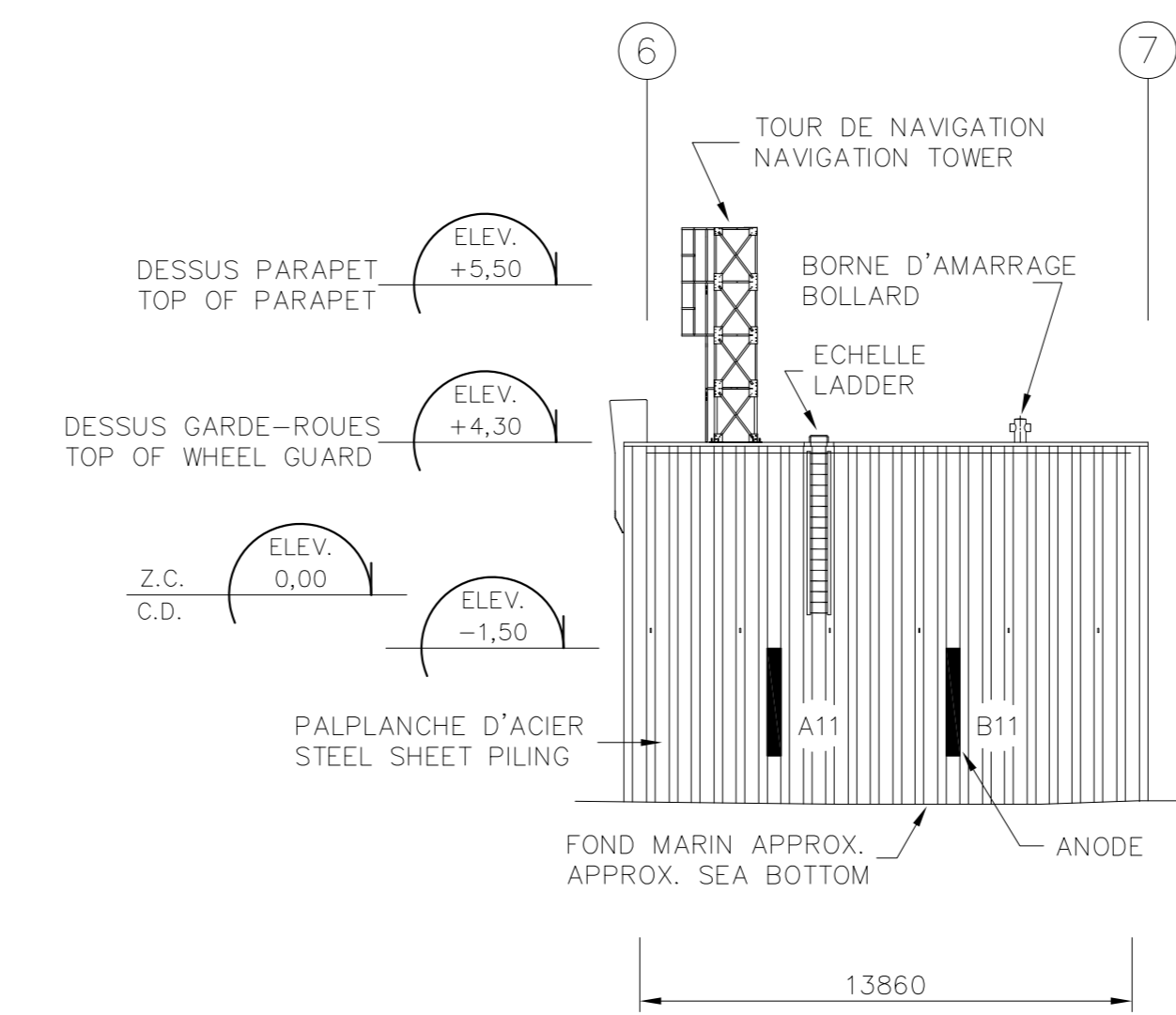
ELEVATION 3-4 ELEVATION



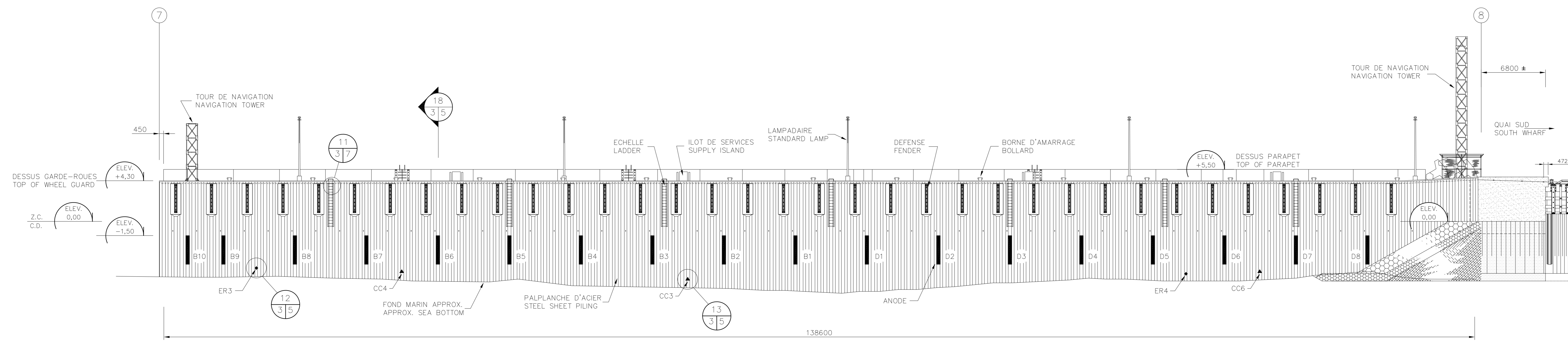
ELEVATION 5-6 ELEVATION



ELEVATION 4-5 ELEVATION



ELEVATION 6-7 ELEVATION



ELEVATION 7-8 ELEVATION



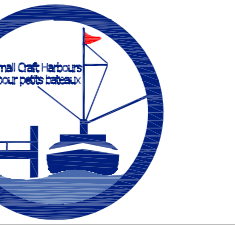
LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ÊTRE VÉRIFIÉES SUR PLACE PAR L'ENTREPRENEUR.
 AVANT DE COMMENCER LES TRAVAUX, VÉRIFIER EN CONSÉQUENCE, MESURER AVANT DE COUPER TOUTE PIÈCE.
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Revision	Description	Par/By	Date
1	POUR/FOR SUBMISSION	D.C.	16/04/20

A	Nombre de détail	A
B	Feuille sur laquelle le détail est retiré	B/C
C	Feuille sur laquelle le détail est dessiné	

Toute modification doit être rapportée à:



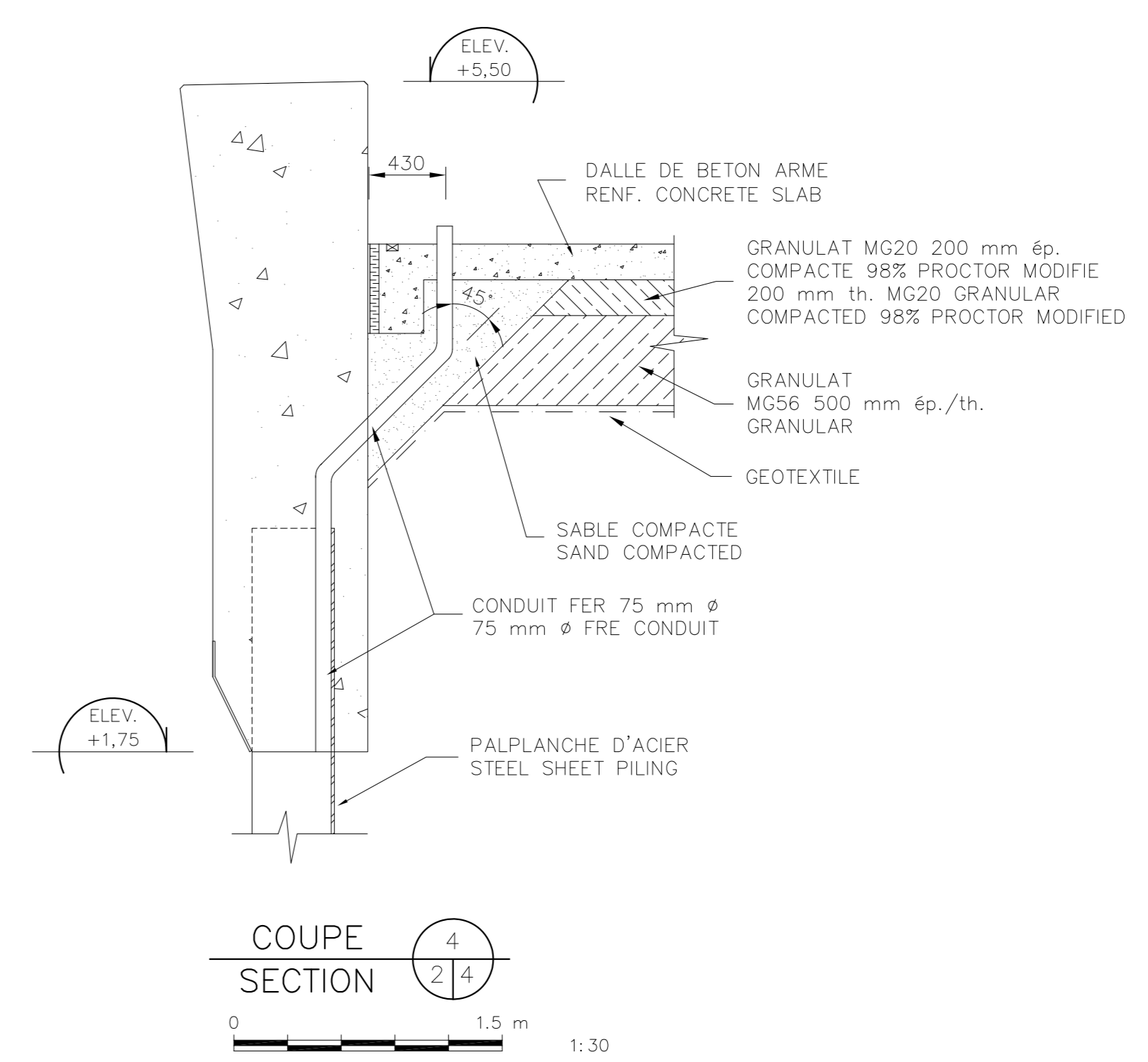
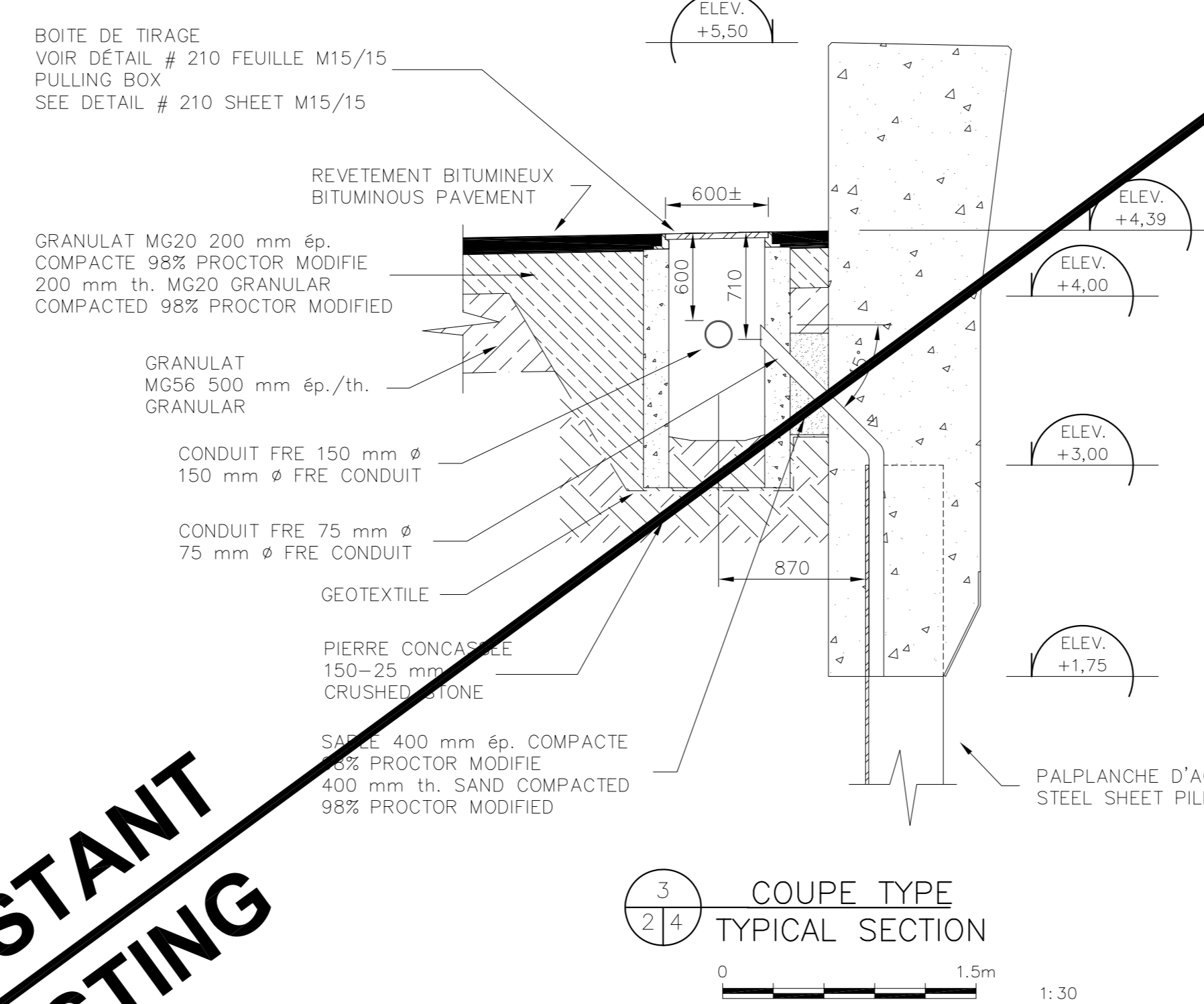
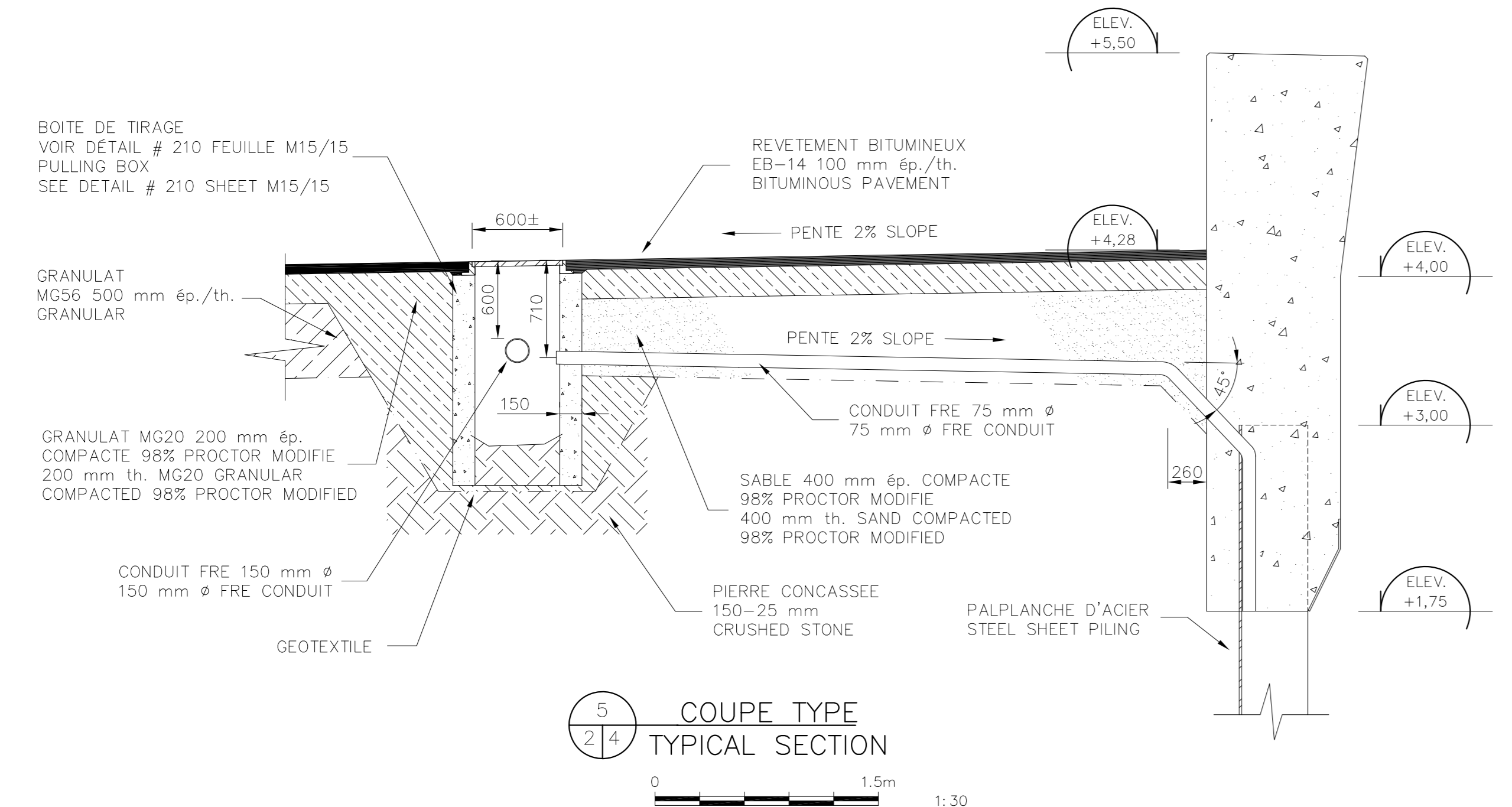
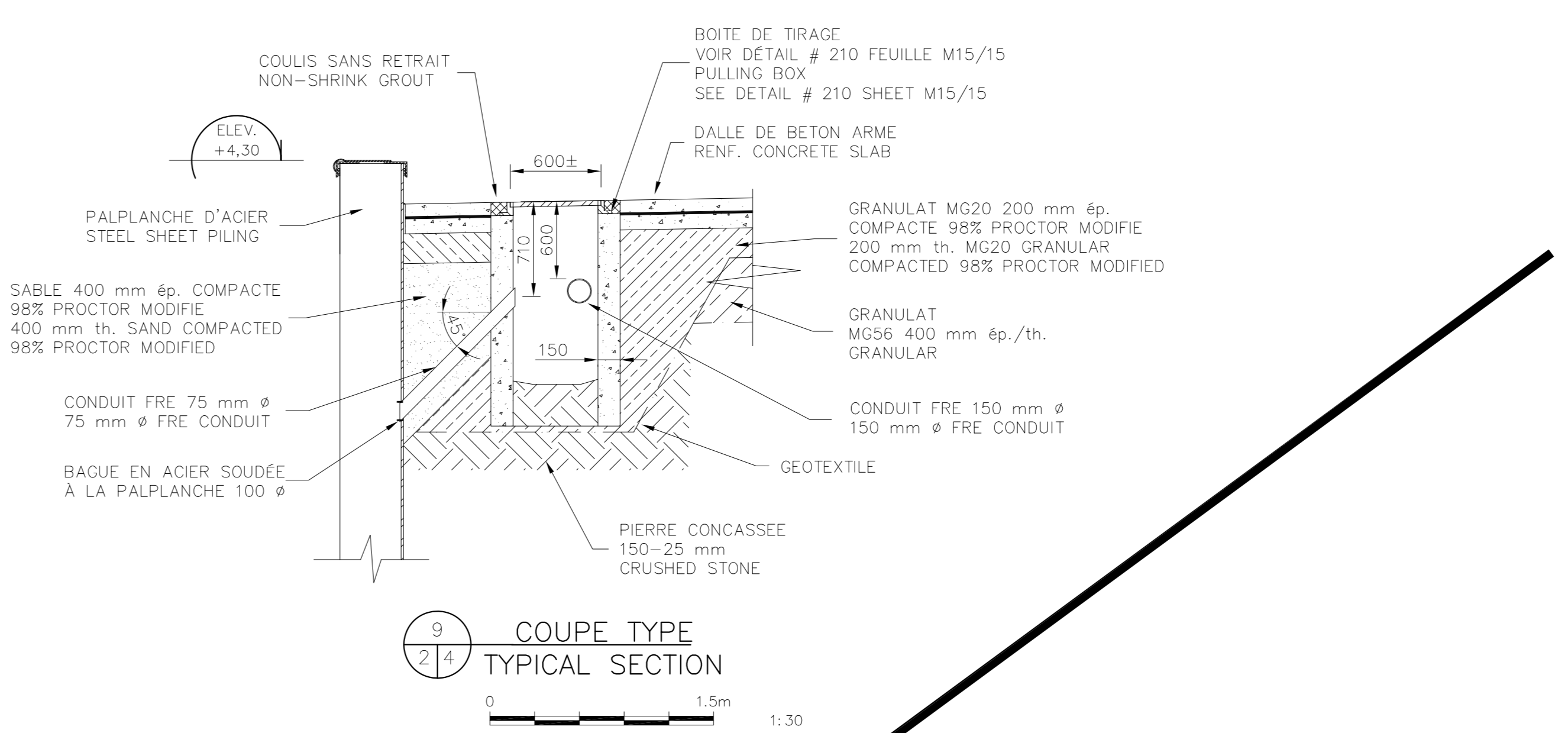
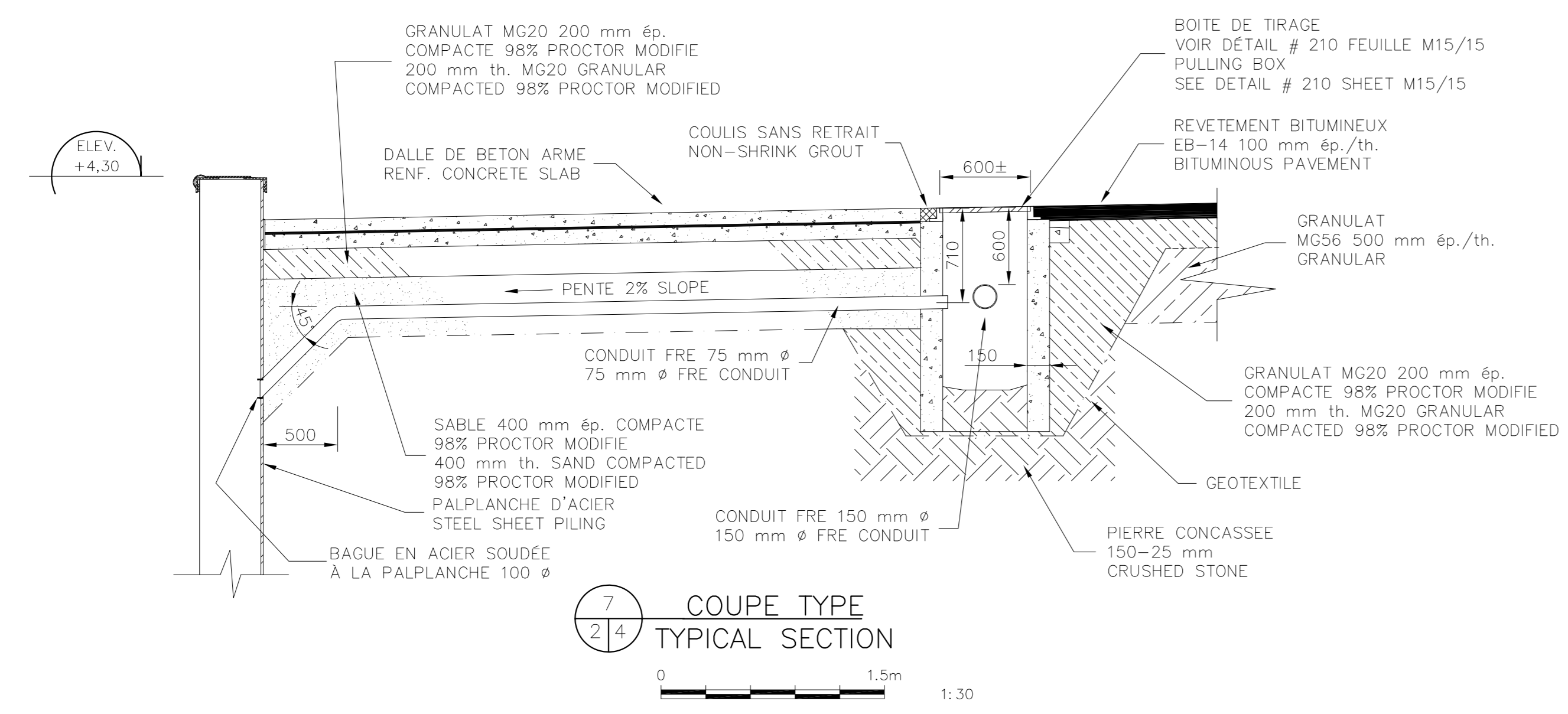
Projet:
RIVIÈRE-AU-RENARD
 PROTECTION CATHODIQUE
 CATHODIC PROTECTION

Dessiné par:
QUAI PRINCIPAL NORD
 NORTH PRINCIPAL WHARF
 ELEVATIONS
 ELEVATIONS

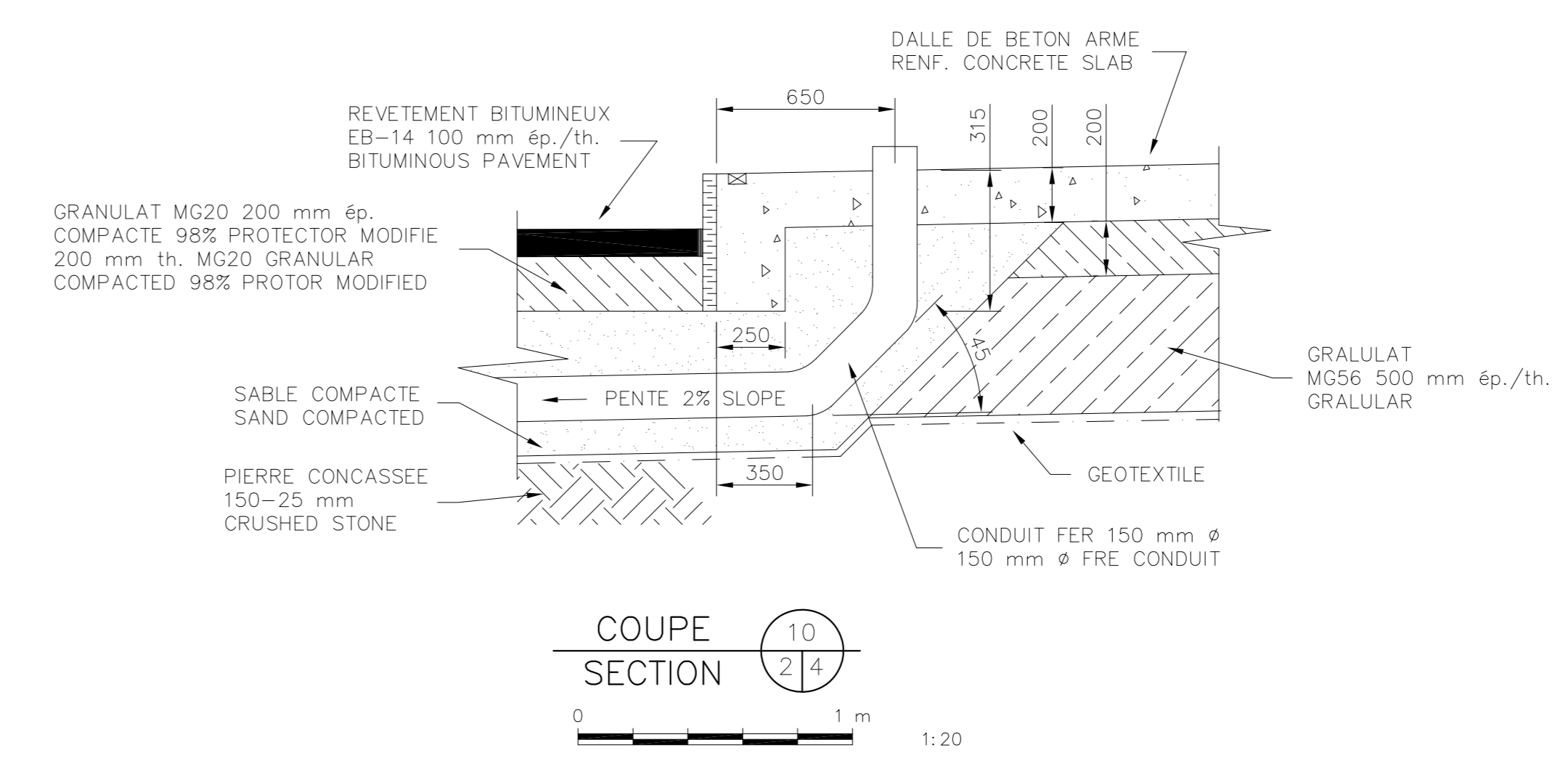
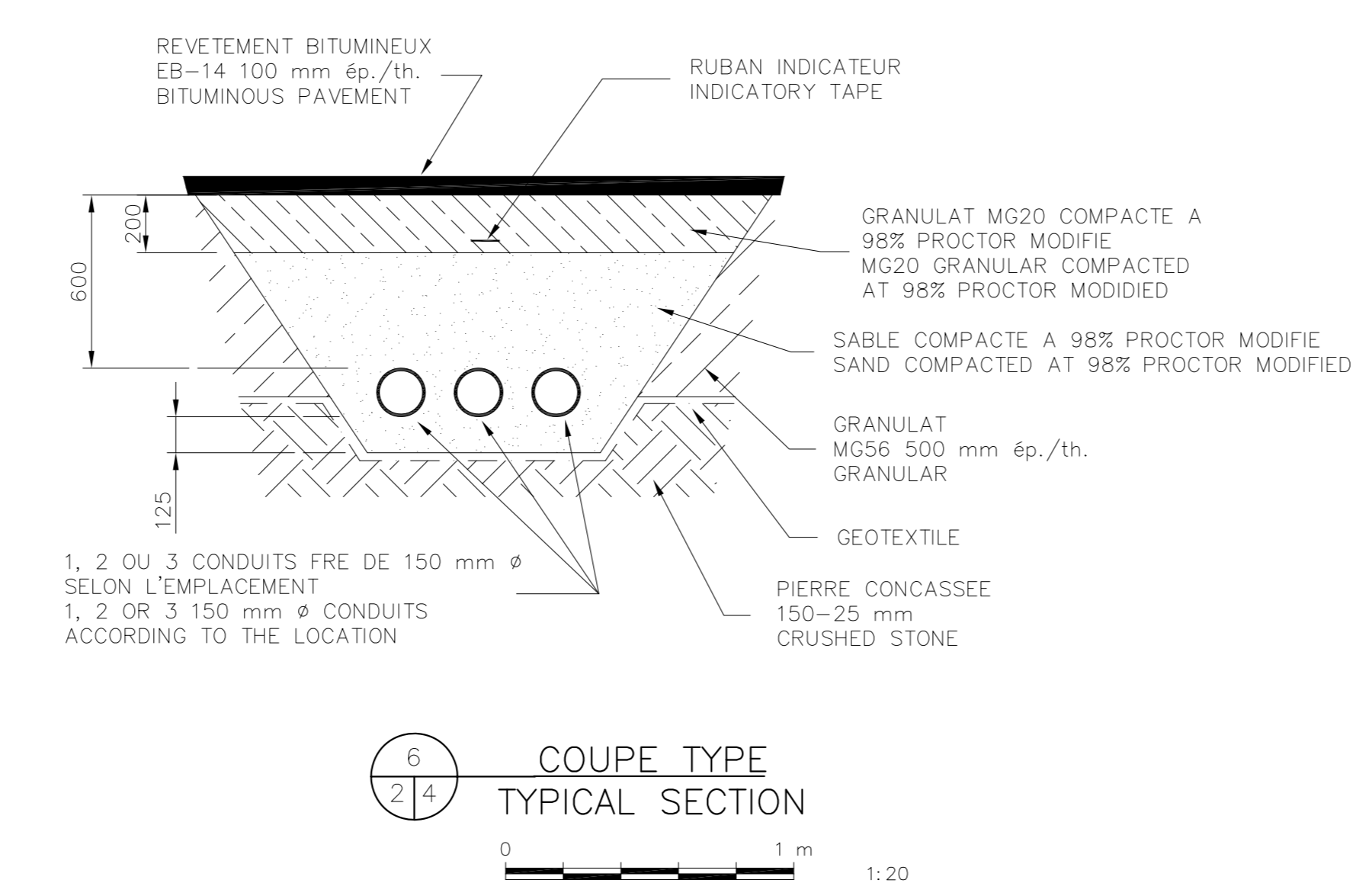
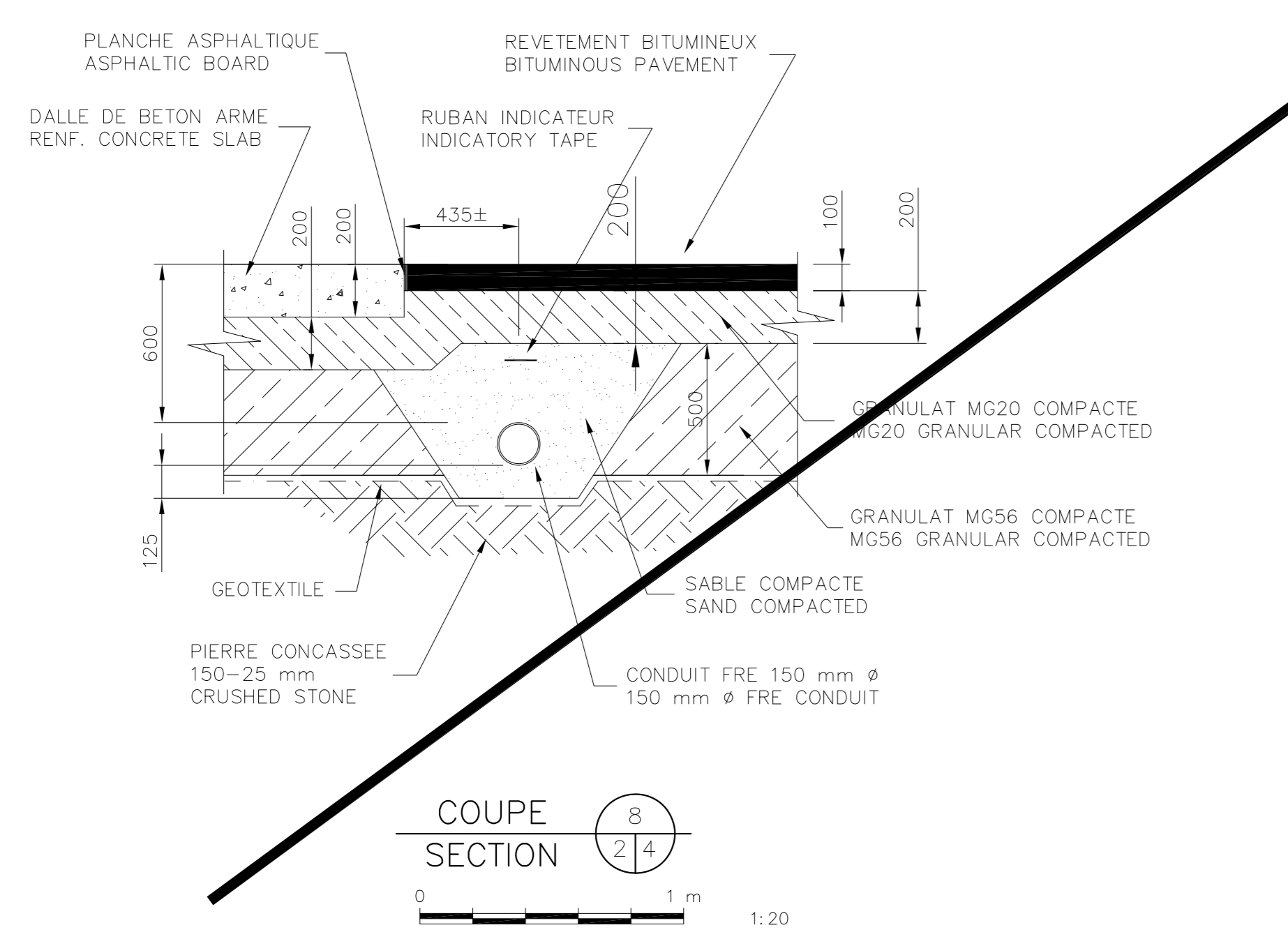
Conçu par: GEORGE CALAVRE Ing.	Date: 2015-03-10
Dessiné par: RENALD BILODEAU	Date: 2015-03-12
Vérifié par: GEORGE CALAVRE Ing.	Date: 2015-03-14
Approuvé par: YVES GINGRAS Ing.	Date:

Nb. dossier: 721231-005	Échelle: 1:200
Nb. dessin: PPB16-3768-P01-01	Nb. feuille: 03/10

LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ÊTRE VÉRIFIÉES SUR PLACE PAR L'ENTREPRENEUR.
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EXISTANT
EXISTING

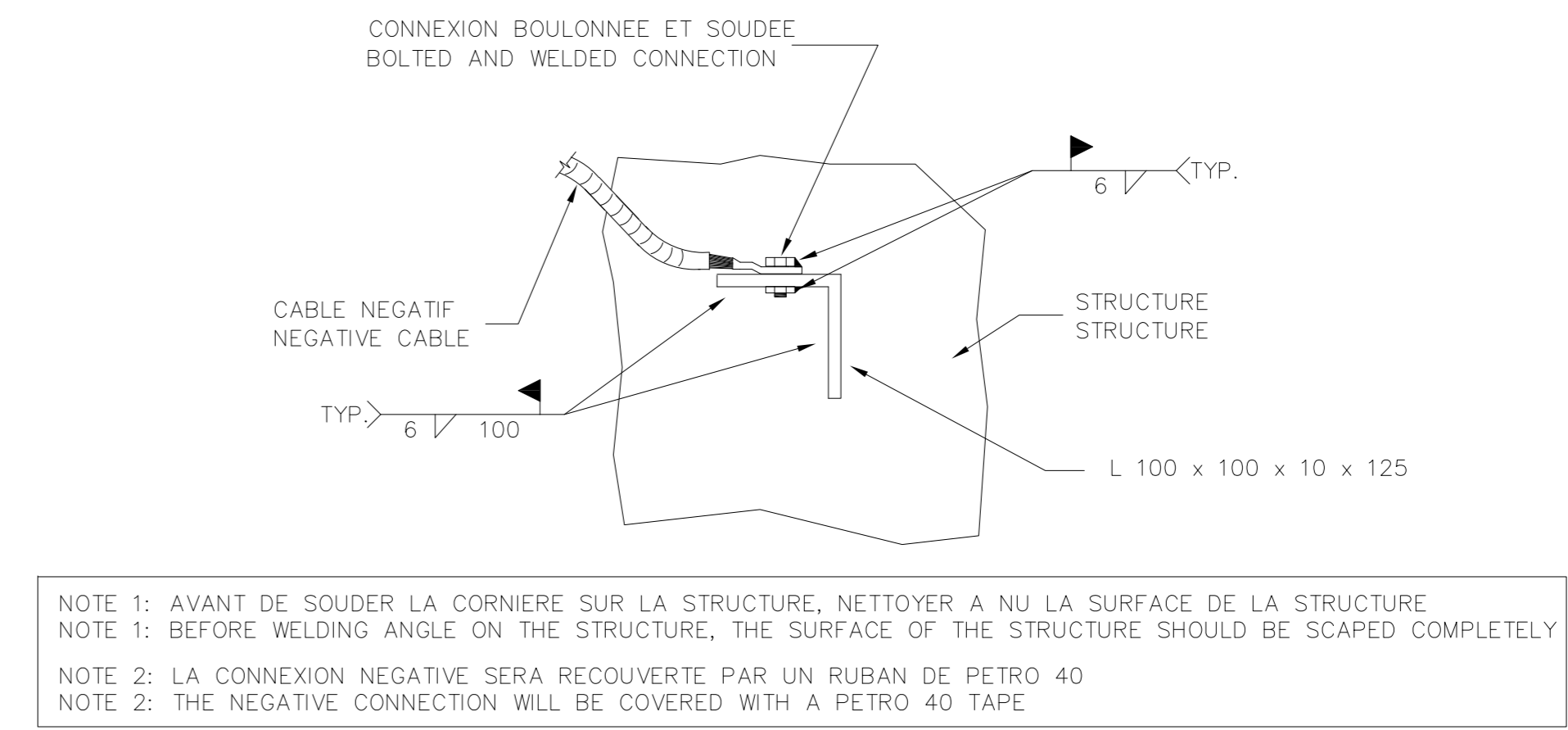
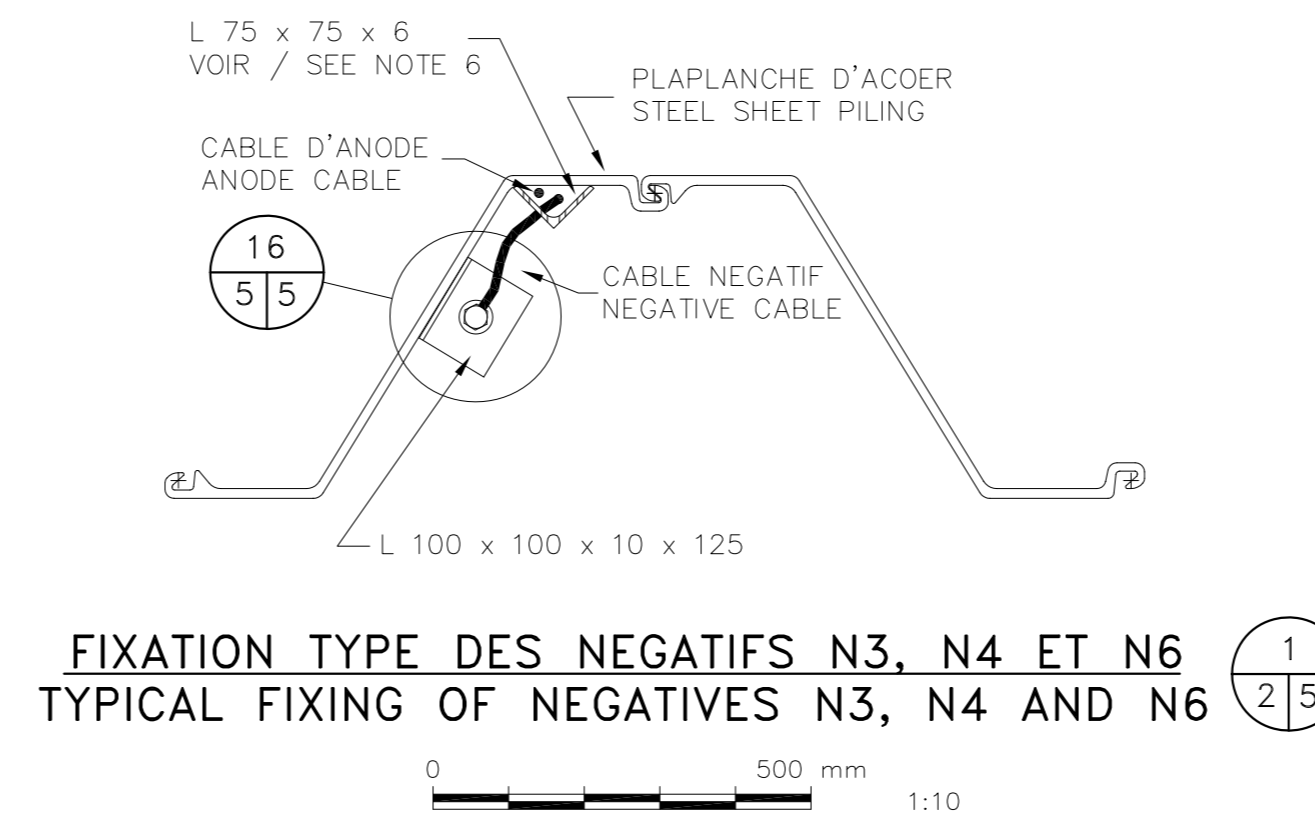
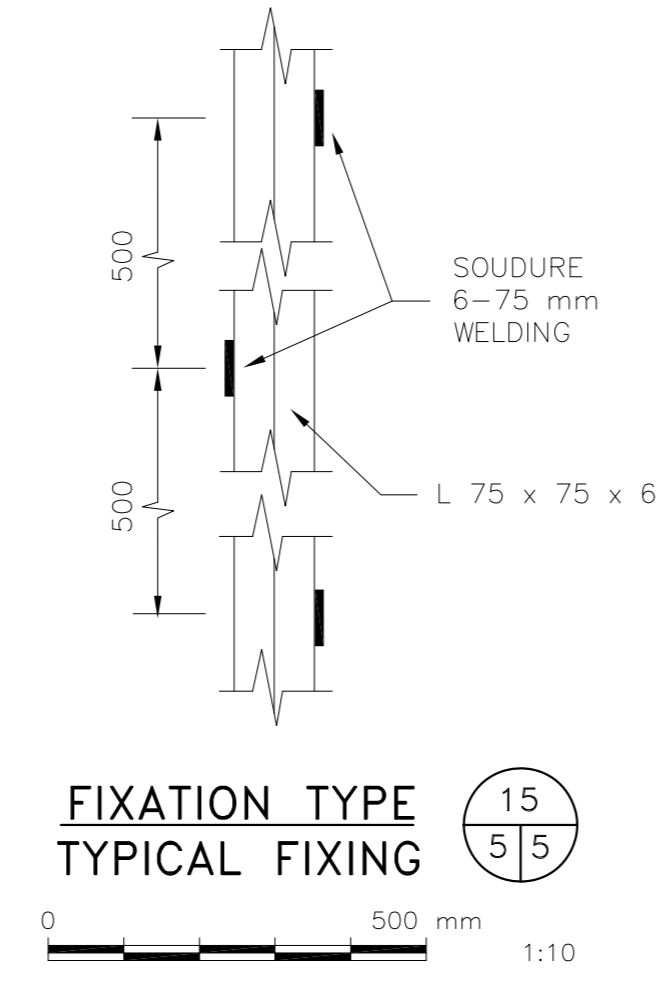
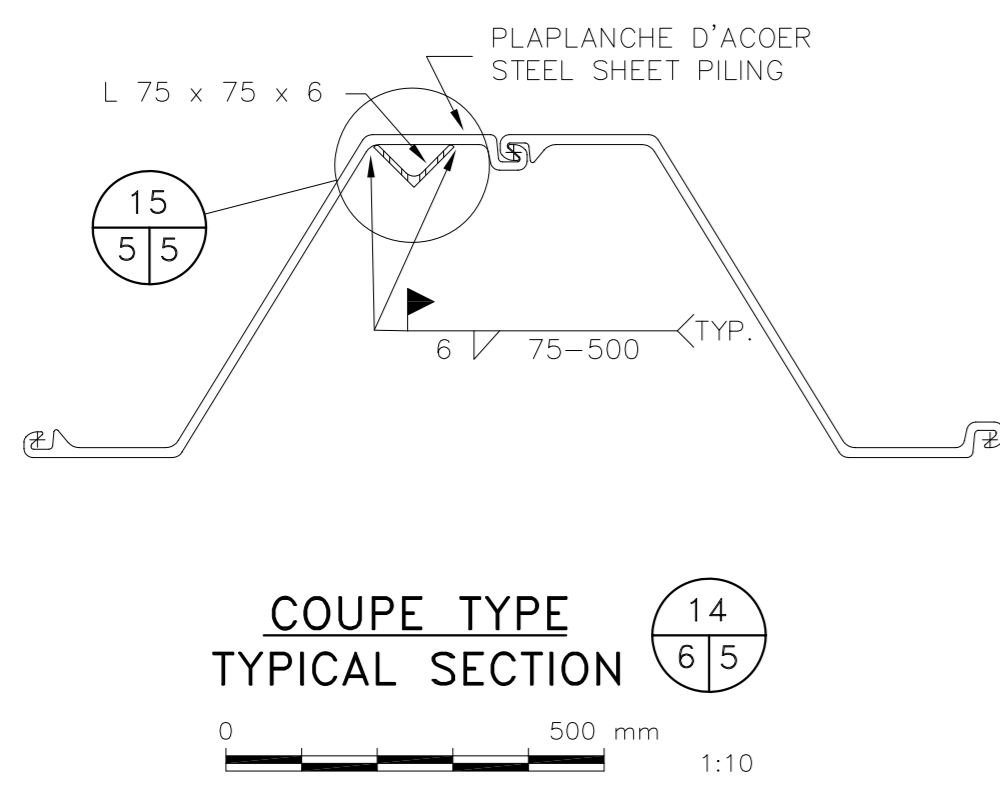


1	POUR/FOR SOUMISSION	D.C.	16/04/20
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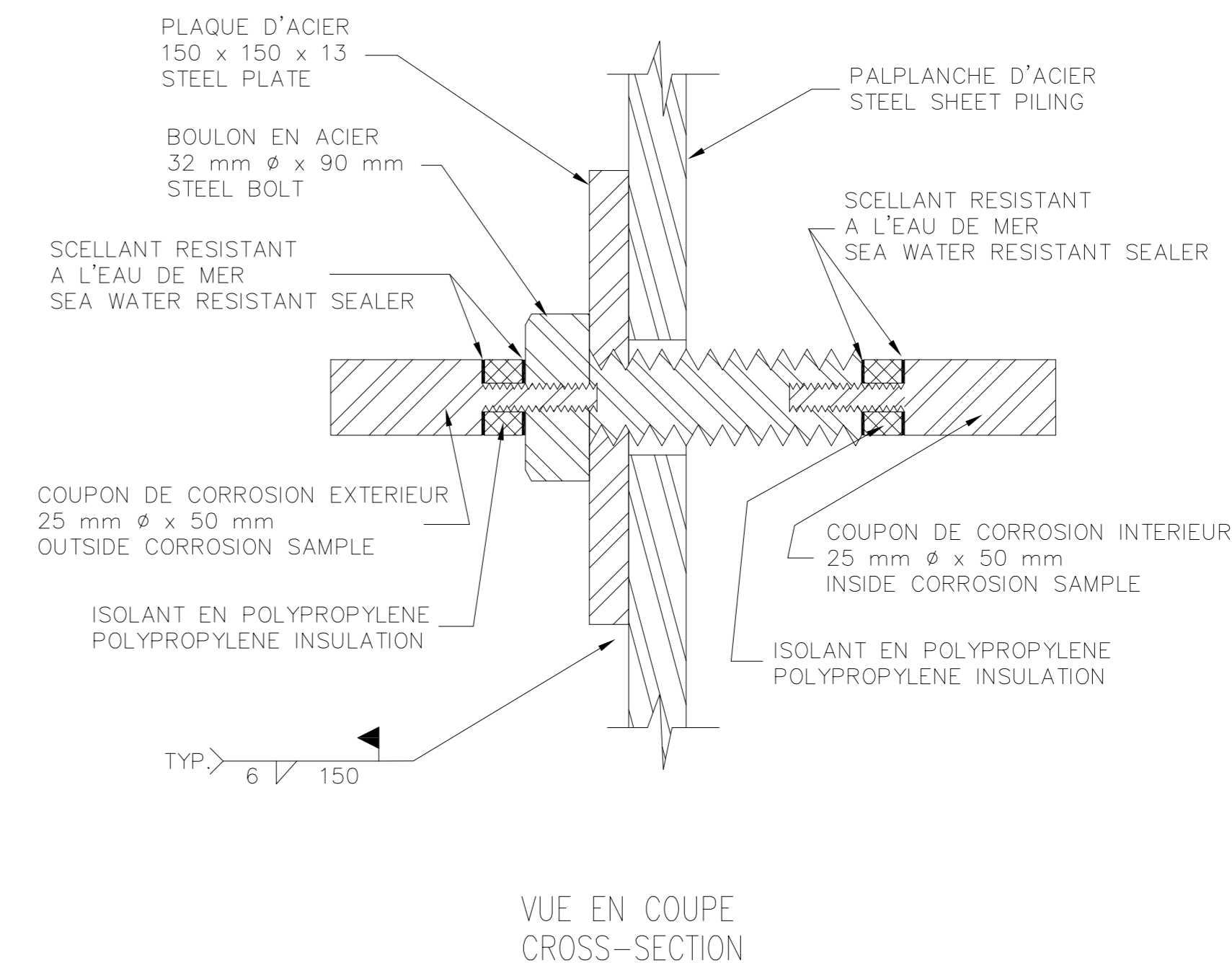
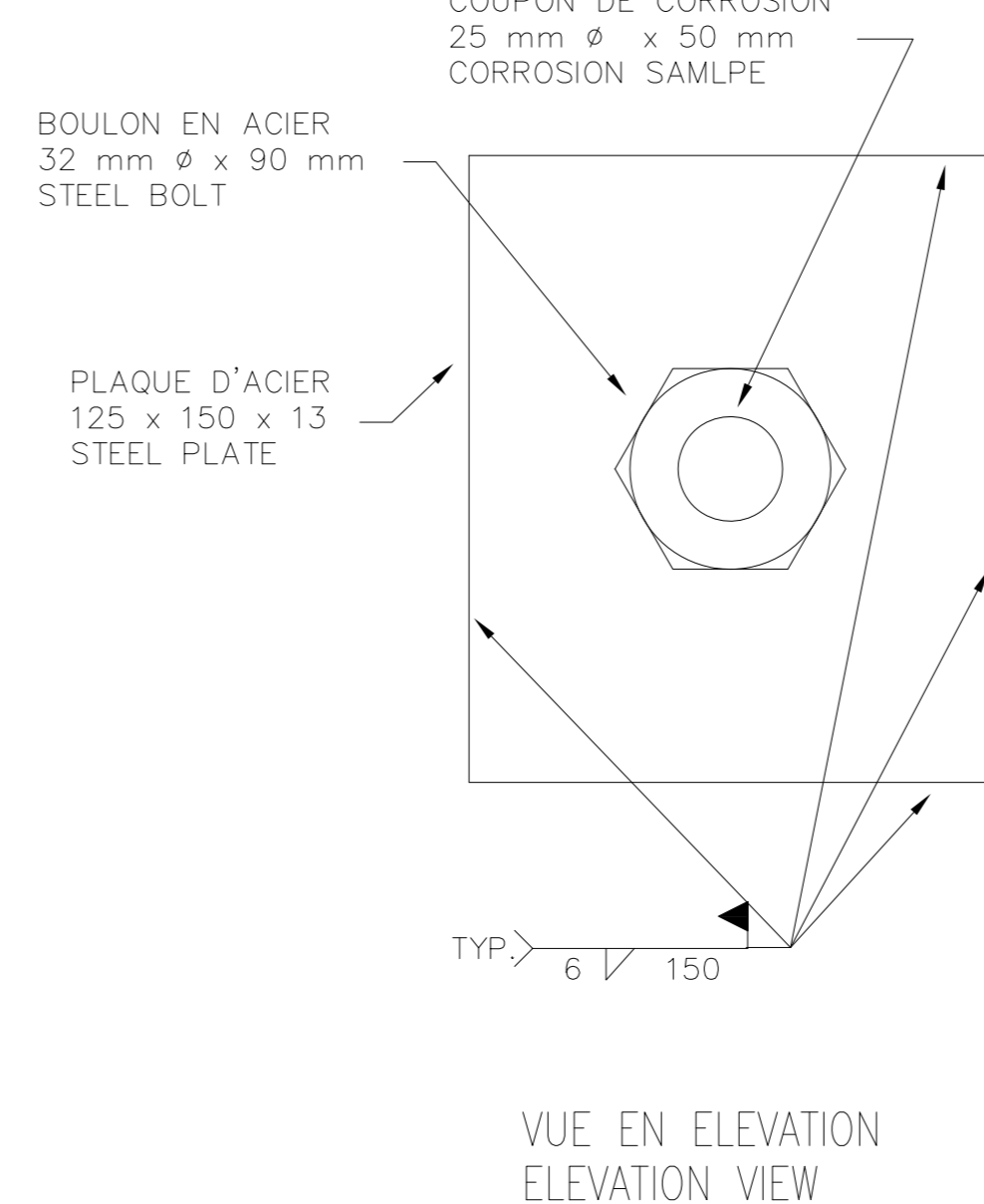
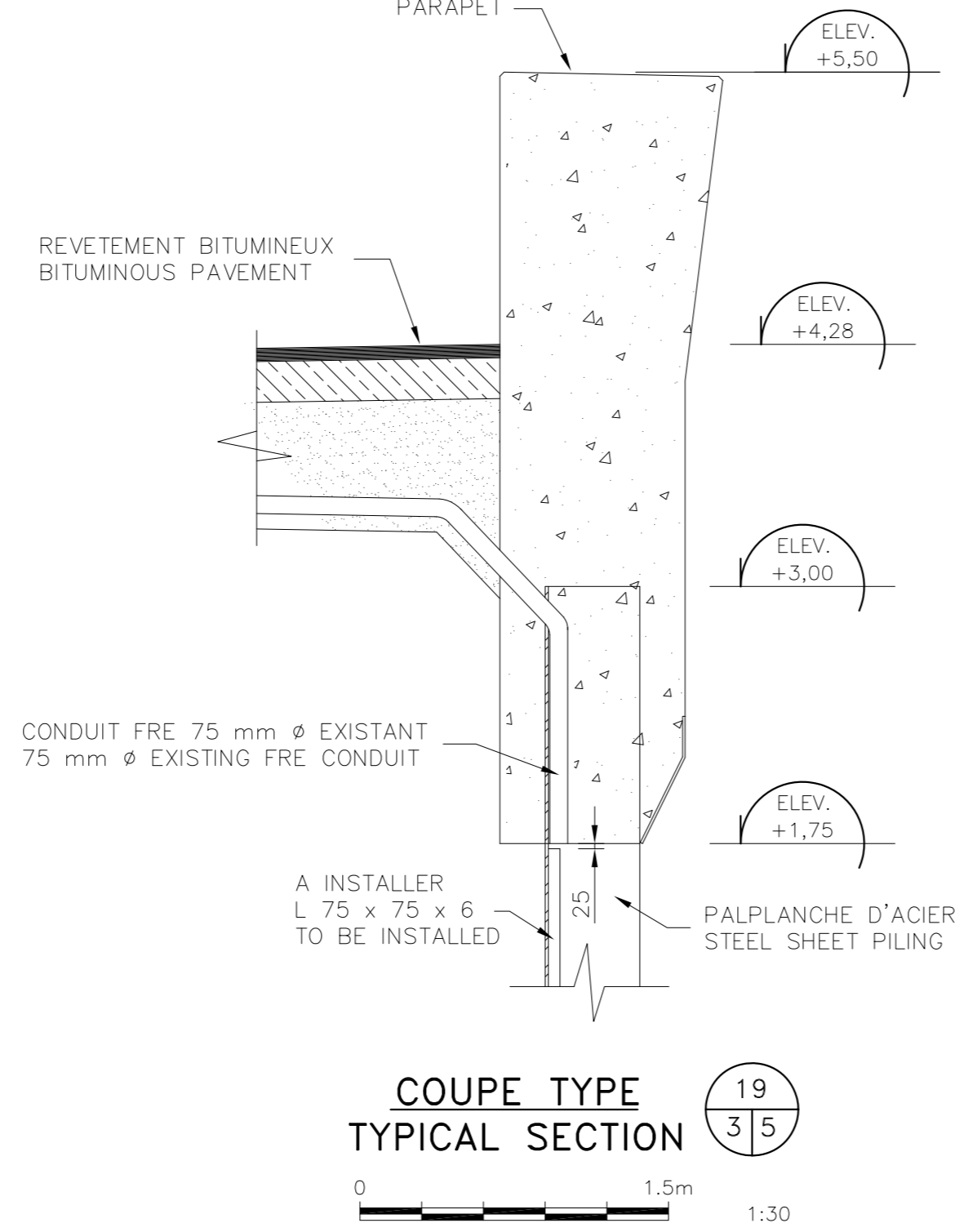
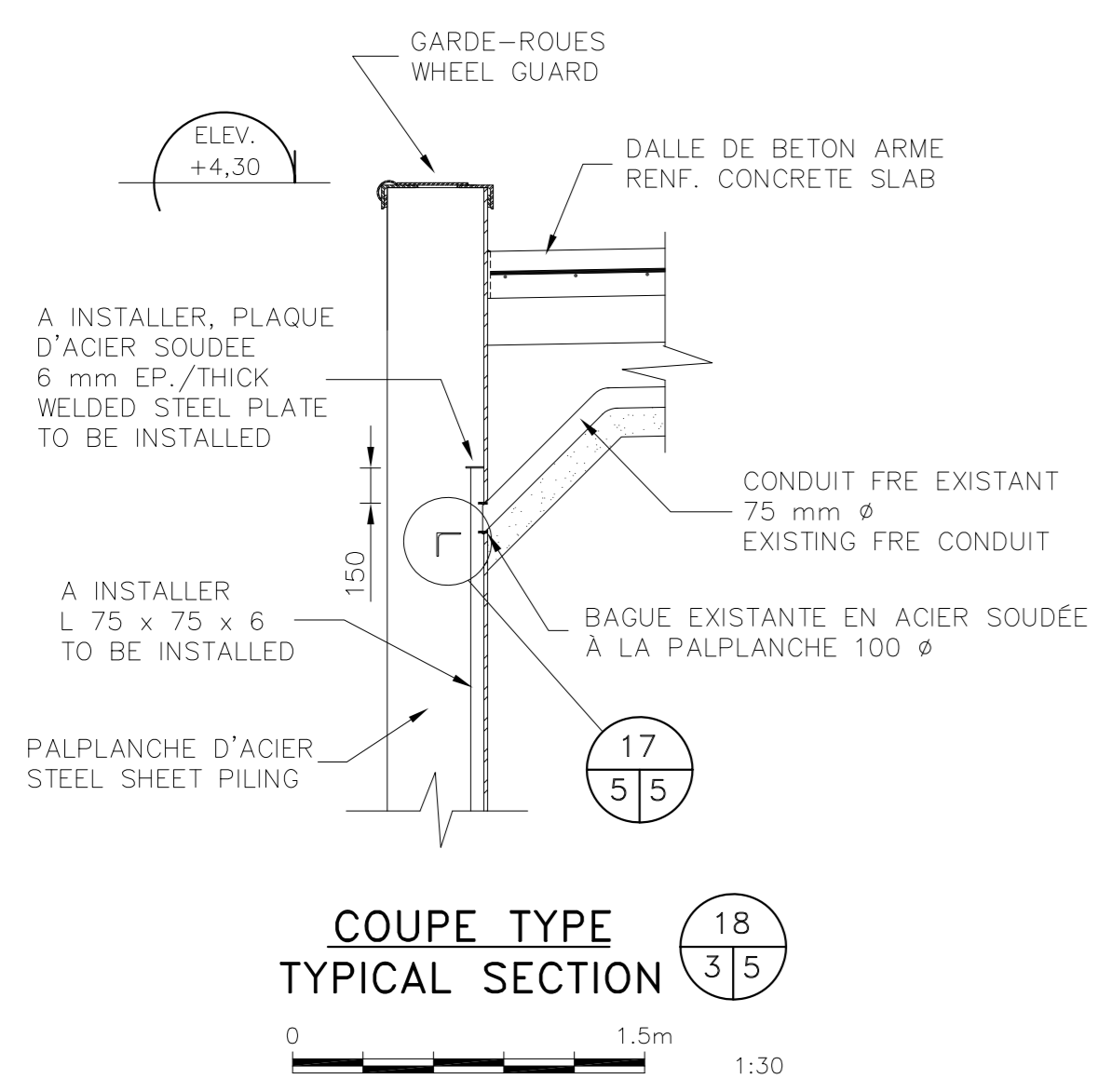
Revision	Description	Par/By	Date
A	A: Nomme du detail		
B	B: Feuille sur laquelle le detail est retiré		
C	C: Feuille sur laquelle le detail est dessiné		

Toute modification doit être rapportée à: [Signature]

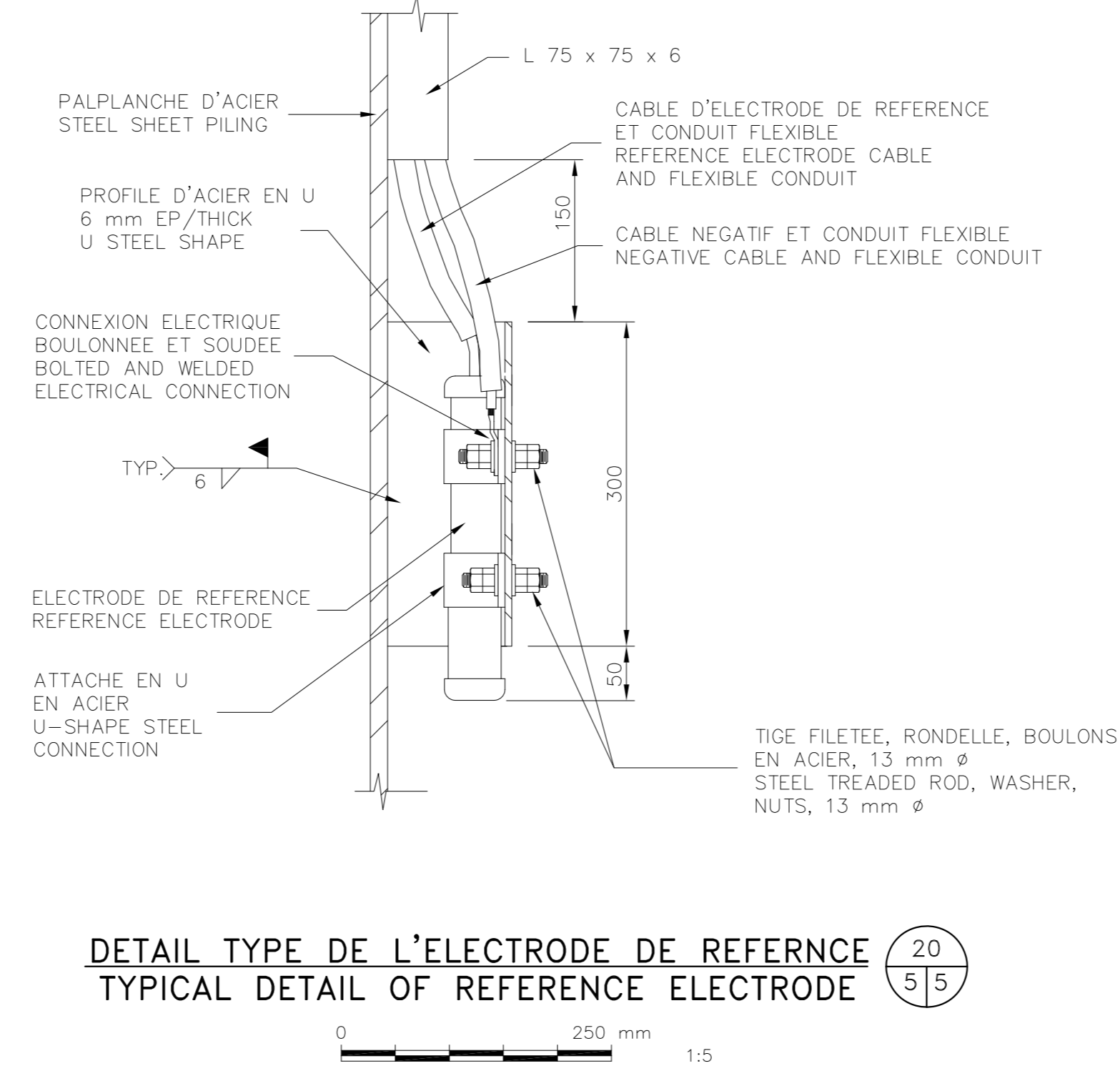
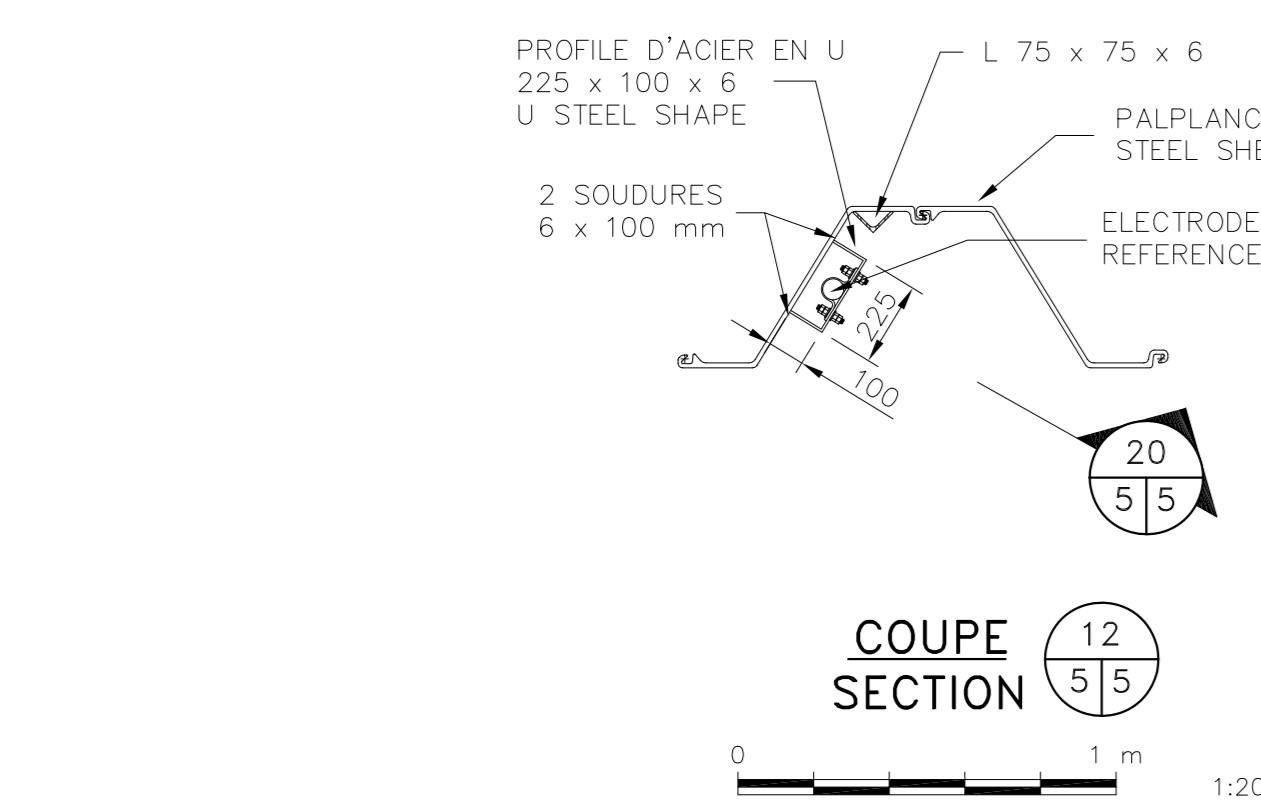
RIVIÈRE-AU-RENARD	
PROTECTION CATHODIQUE CATHODIC PROTECTION	
Dessiné par: [Signature]	
Dessiné par: QUAI PRINCIPAL NORD	
Détails	
Conçu par: GEORGE CALAVRE Ing.	Date: 2015-03-10
Dessiné par: RENALD BILODEAU	Date: 2015-03-12
Vérifié par: GEORGE CALAVRE Ing.	Date: 2015-03-14
Approuvé par: YVES GINGRAS Ing.	Date:
Nb. dossier: 721231-005	Échelle:
Nb. dessin: PPB16-3768-P01-01	Nb. feuille: 04/10



DETAIL 16 17
 5 5 5 5



DETAIL TYPE DES COUPONS DE CORROSION POUR PALPLANCHE TYPICAL DETAIL OF CORROSION SAMPLES FOR STEEL PILING



NOTE 3: TOUTES LES ELECTRODES DE REFERENCE ET LES COUPONS DE CORROSION SERONT INSTALLES PRES DU FOND MARIN
 NOTE 3: ALL REFERENCE ELECTRODES AND CORROSION SAMPLES WILL BE INSTALLED NEAR THE SEA BOTTOM.

NOTE 4: MEULER TOUTES LES ARETES DES CONDUITS POUVANT ENTRER EN CONTACT AVEC LES FILS ELECTRIQUES
 NOTE 4: GRIND DOWN ALL THE CONDUITS EDGES THAT CAN TOUCH THE ELECTRICAL CABLES

NOTE 5: LES CABLES ELECTRIQUES SERONT PROTEGES PAR DES CONDUITS FLEXIBLES SUR 500 mm DANS LES CONDUITS METALLIQUES
 NOTE 5: ELECTRICAL CABLES WILL BE PROTECTED BY FLEXIBLE CONDUITS FOR 500 mm IN METALLIC CONDUITS

NOTE 6: COUPER POUR PASSER LE CABLE NEGATIF. SOUMETTRE POUR APPROBATION
 NOTE 6: CUT FOR PASS TROUGH THE NEGATIVE CABLE. SUBMIT FOR APPROVAL

LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ETRE VERIFIEES SUR PLACE PAR L'ENTREPRENEUR.

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Revision	Description	Par/By	Date
A	Al: Nomme du detail		
B	B: Fiches sur laquelle le detail est retire		
C	C: Fiches sur laquelle le detail est dessine		

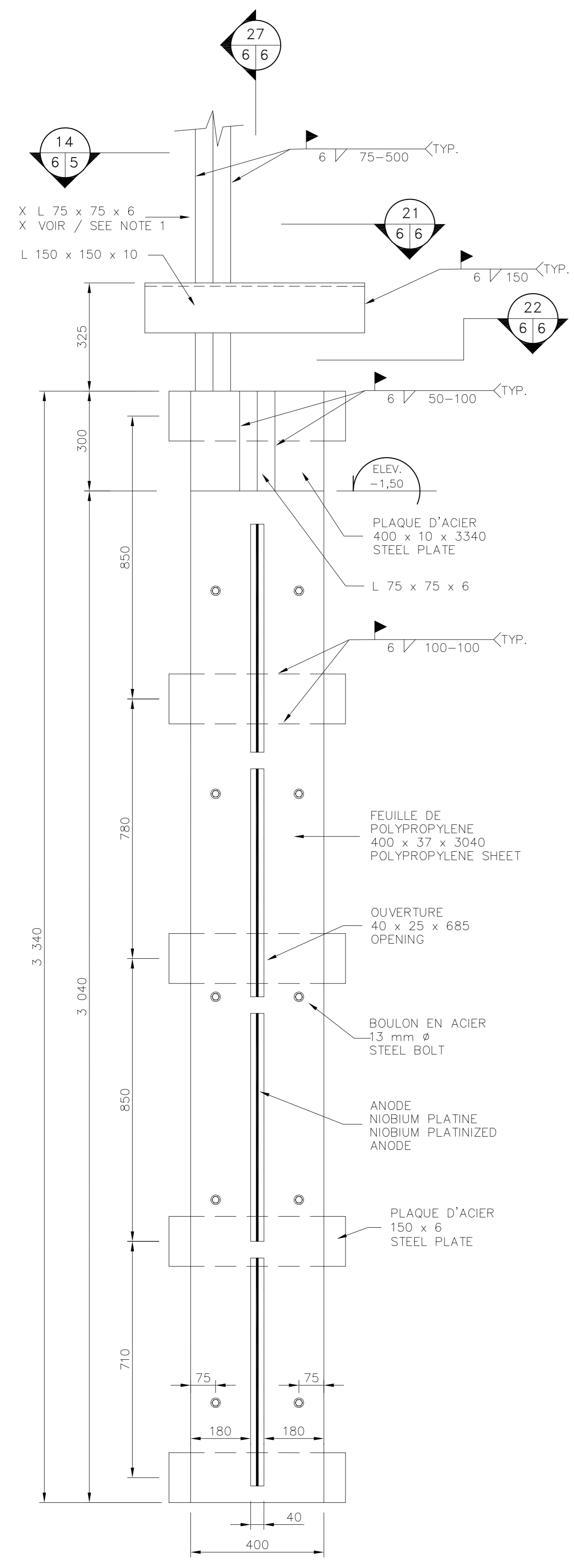


RIVIERE-AU-RENARD
 PROTECTION CATHODIQUE
 CATHODIC PROTECTION

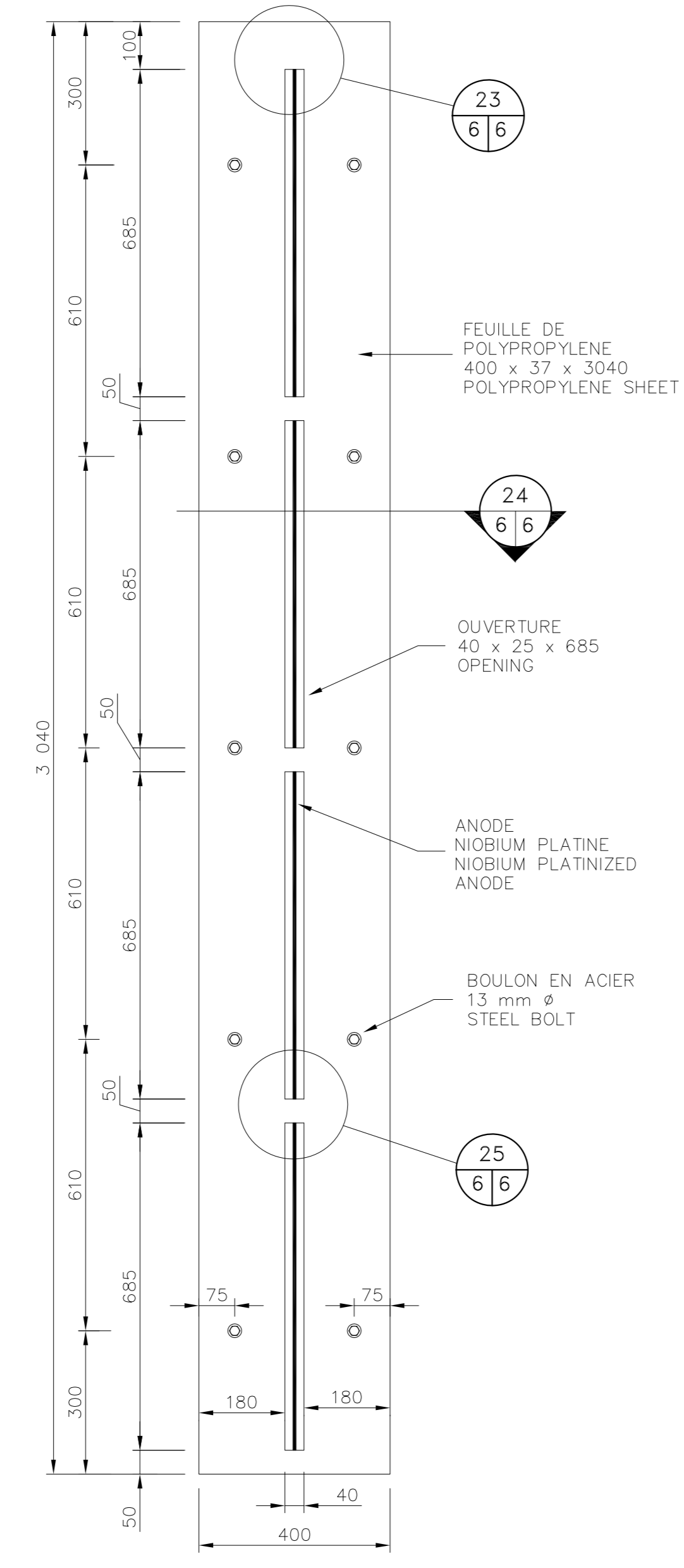
QUAI PRINCIPAL NORD
 NORTH PRINCIPAL WHARF

DETAILS

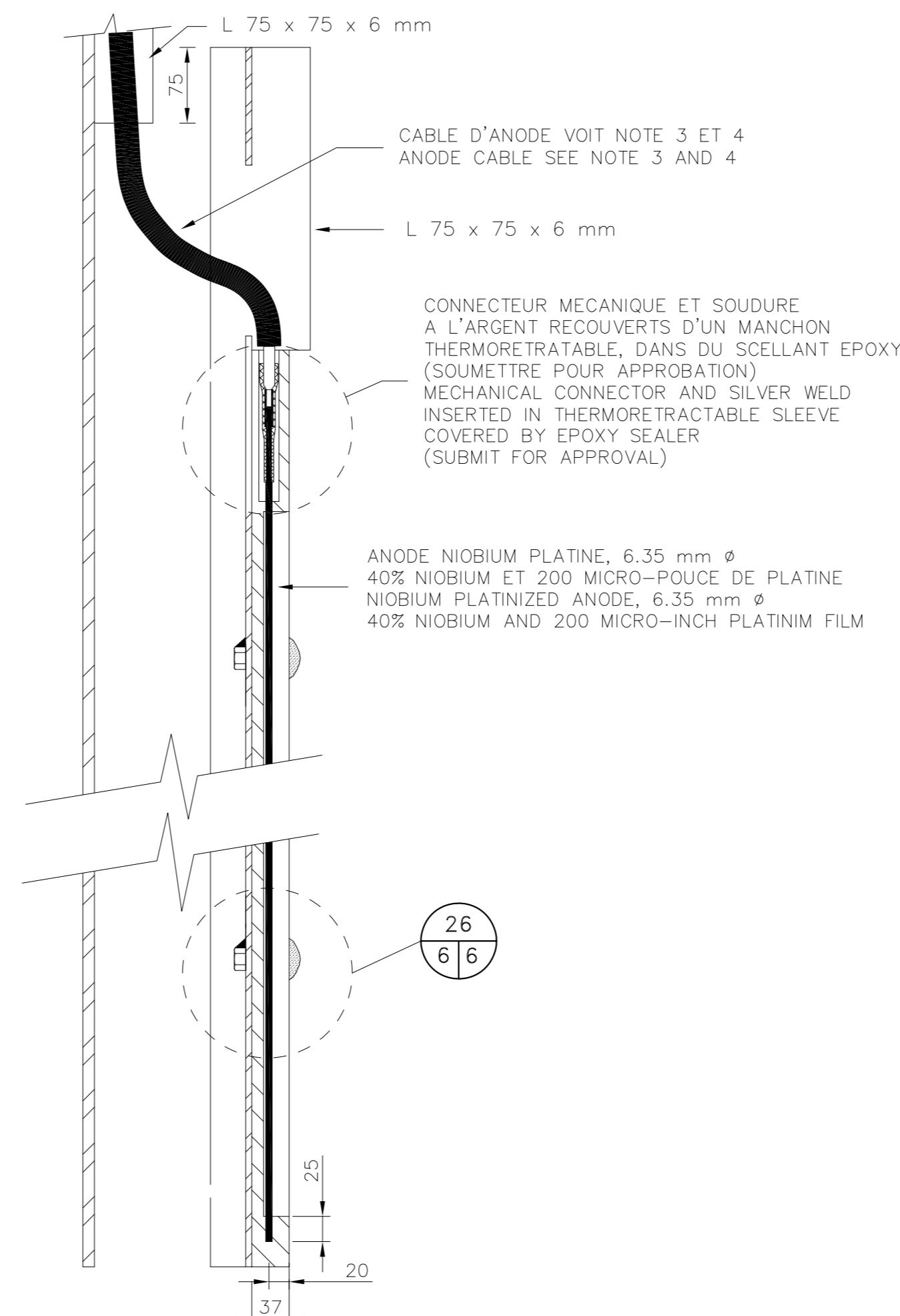
Conçu par: GEORGE CALAVRE Ing.	Date: 2015-03-24
Dessiné par: RENALD BILODEAU	Date: 2015-03-25
Vérifié par: GEORGE CALAVRE Ing.	Date: 2015-03-28
Approuvé par: YVES GINGRAS Ing.	Date:
Nb. dossier: 721231-005	Echelle:
Nb. dessin: PPB16-3768-P01-01	Nb. feuille: 05/10



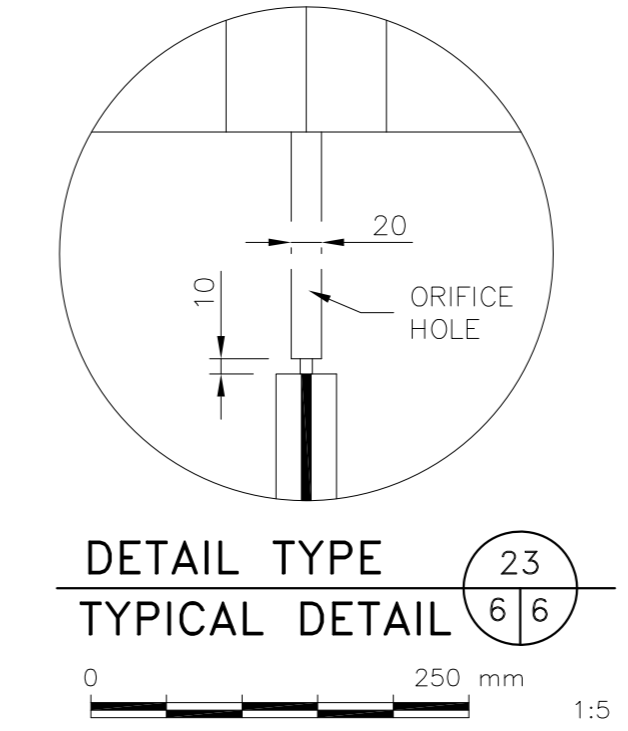
DETAIL TYPE DES ANODES A, B, C ET D
TYPICAL DETAIL OF ANODES A, B, C AND D
0 500 mm 1:10



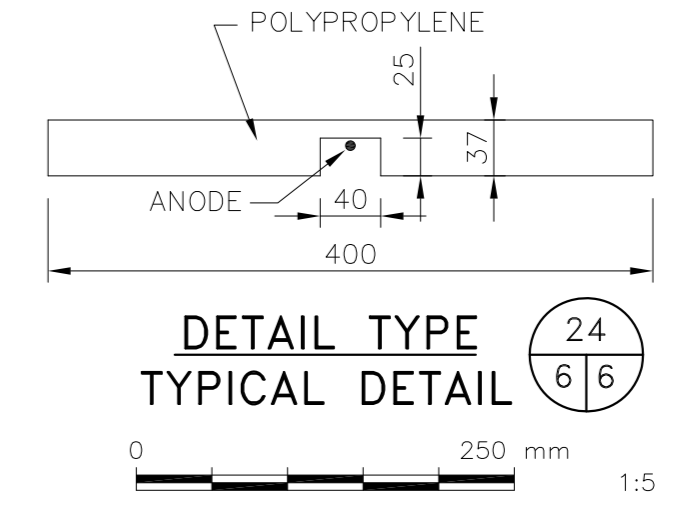
FEUILLE DE POLYPROPYLENE
POLYPROPYLENE SHEET
0 500 mm 1:10



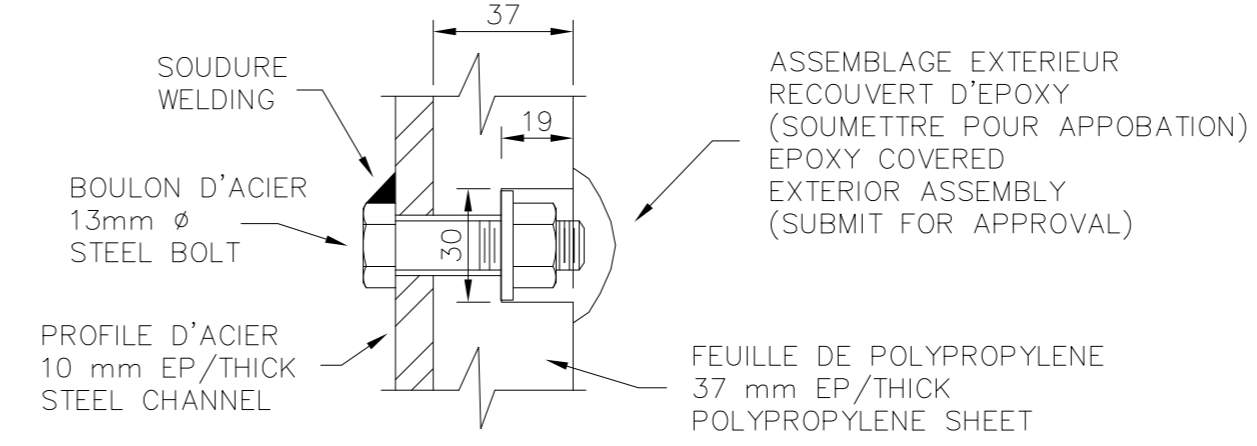
COUPE TYPE
TYPICAL SECTION
0 250 mm 1:5



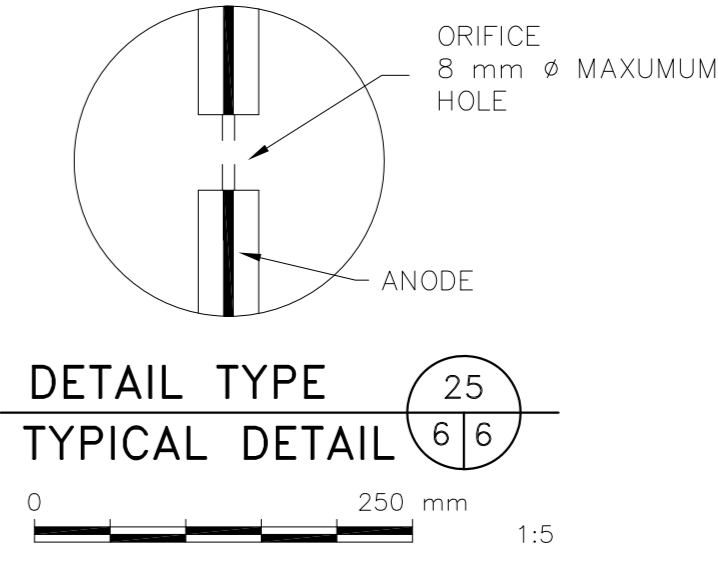
DETAIL TYPE
TYPICAL DETAIL
0 250 mm 1:5



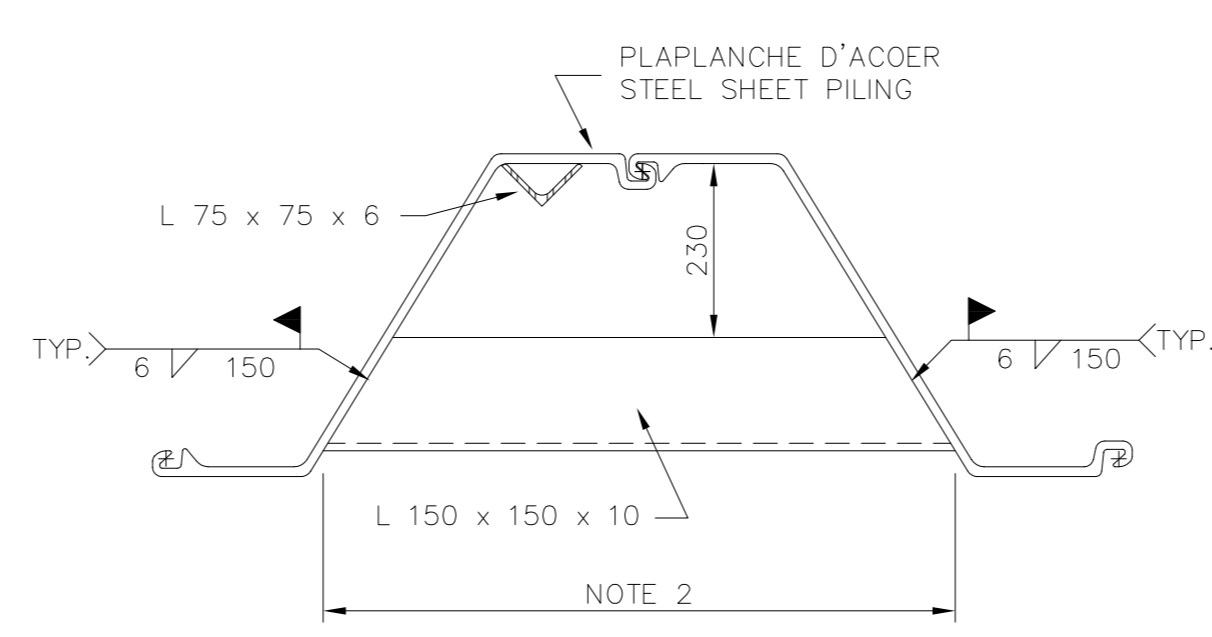
DETAIL TYPE
TYPICAL DETAIL
0 250 mm 1:5



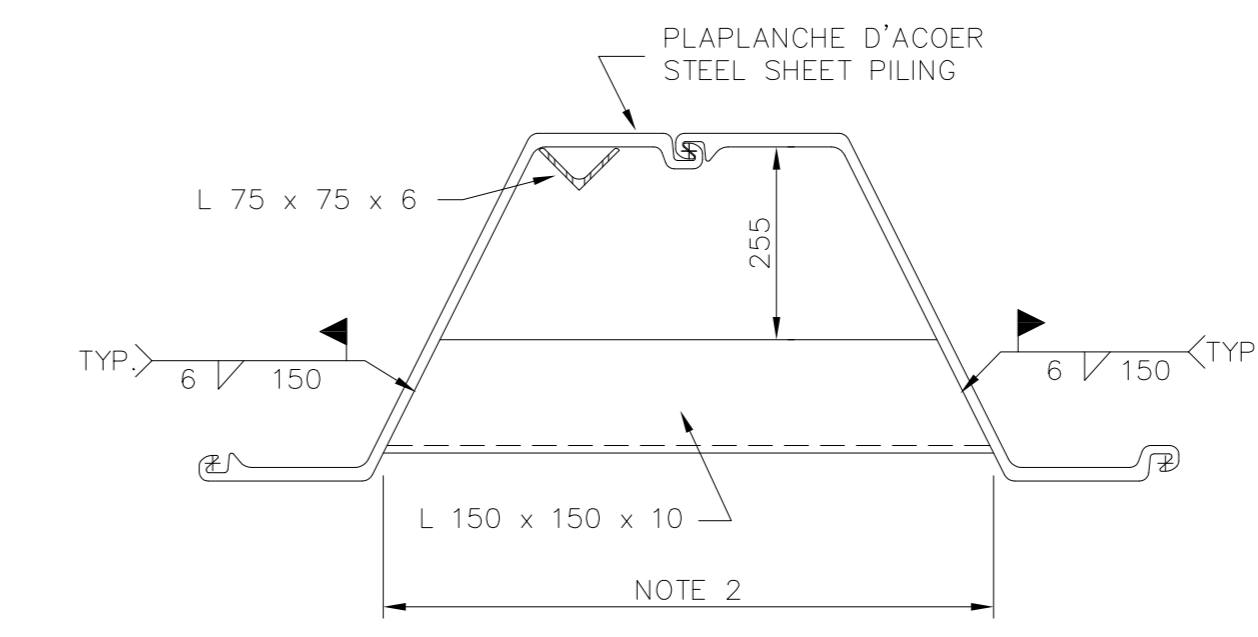
DETAIL TYPE
TYPICAL DETAIL
0 100 mm 1:2



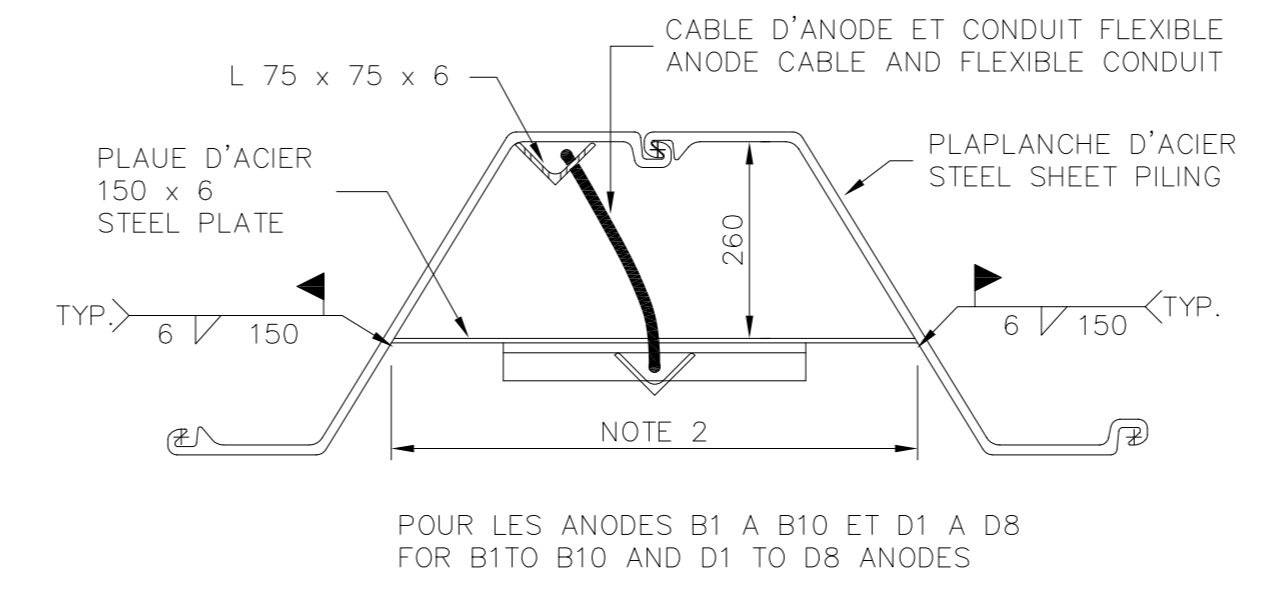
DETAIL TYPE
TYPICAL DETAIL
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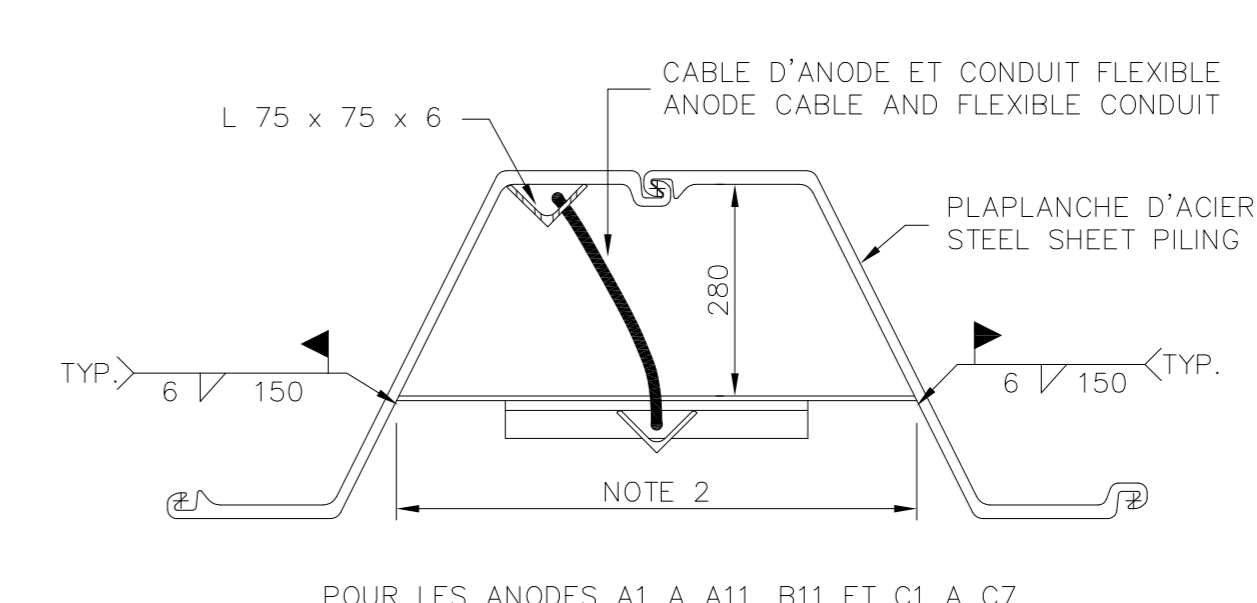
POUR LES ANODES B1 A B10 ET D1 A D8
FOR B1 TO B10 AND D1 TO D8 ANODES
COUPE SECTION
0 500 mm 1:10



POUR LES ANODES A1 A A11, B11 ET C1 A C7
FOR A1 TO A11, B11 AND C1 TO C7 ANODES
COUPE SECTION
0 500 mm 1:10



POUR LES ANODES B1 A B10 ET D1 A D8
FOR B1 TO B10 AND D1 TO D8 ANODES
COUPE SECTION
0 500 mm 1:10



POUR LES ANODES A1 A A11, B11 ET C1 A C7
FOR A1 TO A11, B11 AND C1 TO C7 ANODES
COUPE SECTION
0 500 mm 1:10

NOTE 1: L 75 x 75 x 6 SERA INSTALLE DANS L'AXE DU CONDUIT 75 mm Ø EXISTANT
NOTE 1: L 75 x 75 x 6 WILL BE INSTALLED IN THE AXIS 75 mm Ø EXISTING CONDUIT

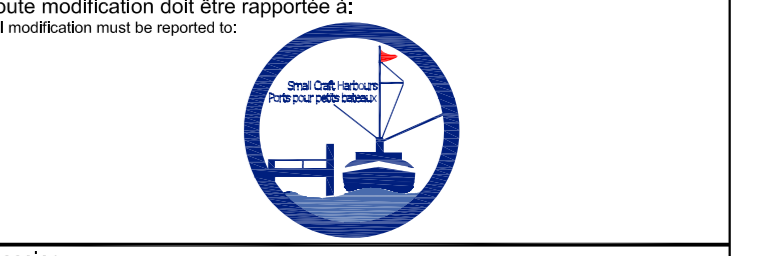
NOTE 2: AJUSTER LA LONGUEUR EN COSEQUENCE
NOTE 2: ADJUST THE LENGTH AS REQUARD

NOTE 3: LES CABLES ELECTRIQUES SERONT PROTEGES PAR DES CONDUITS FLEXIBLES A L'EXTERIEUR DES CONDUITS
NOTE 3: THE ELECTRICAL CABLES WILL BE PROTECTED BY FLEXIBLE CONDUITS AT CONDUITS EXTERIOR

NOTE 4: LES CABLES ELECTRIQUES SERONT PROTEGES PAR DES CONDUITS FLEXIBLES SUR 500 mm DANS LES CONDUITS METALLIQUES
NOTE 4: THE ELECTRICAL CABLES WILL BE PROTECTED BY FLEXIBLE CONDUITS ON 500 mm INSIDE OF METALLIC CONDUITS



Revision	Description	Par/By	Date
A	Nom de détail		
B	Feuille sur laquelle le détail est retiré		
C	Feuille sur laquelle le détail est dessiné		

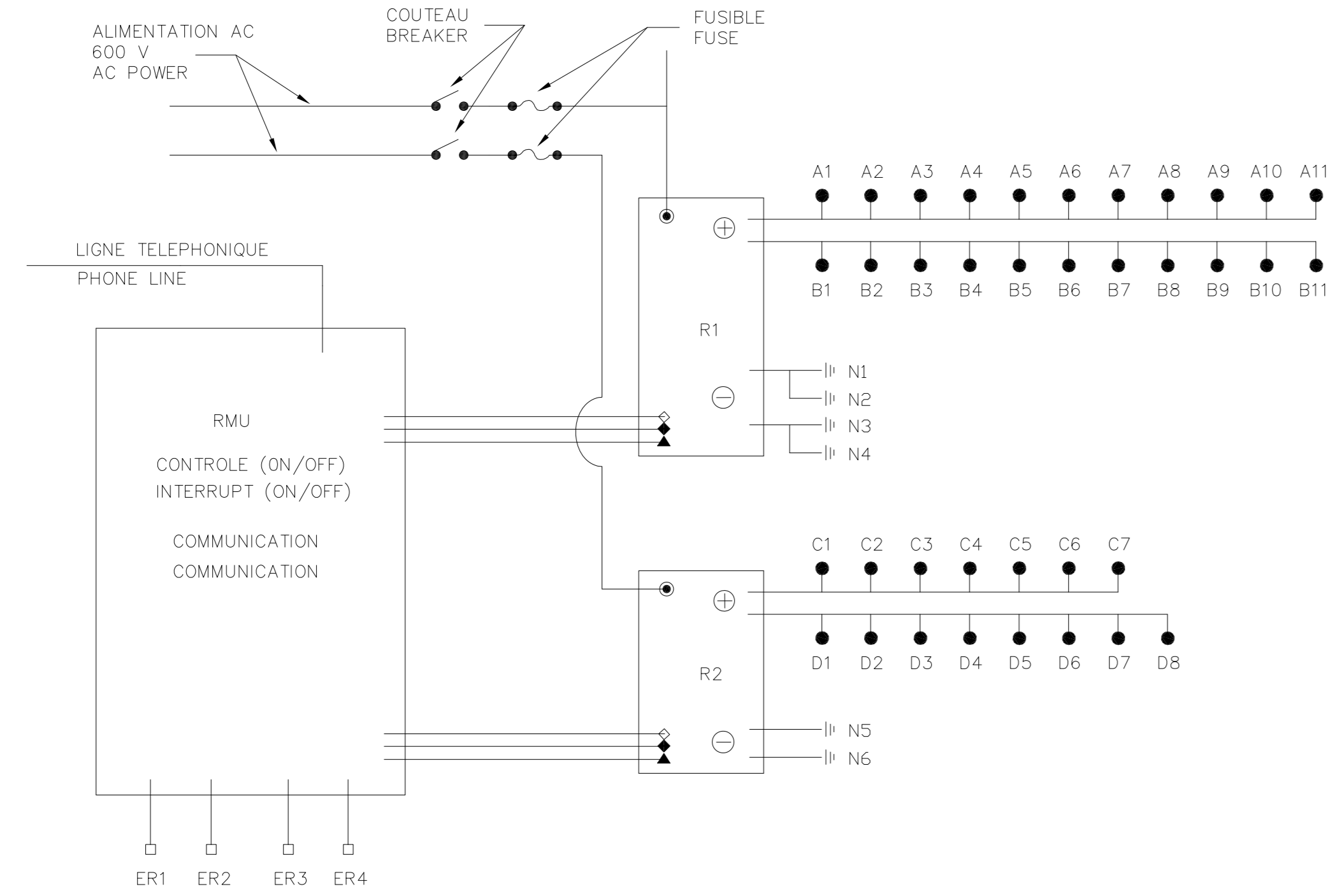


RIVIÈRE-AU-RENARD
PROTECTION CATHODIQUE
CATHODIC PROTECTION

QUAI PRINCIPAL NORD
NORTH PRINCIPAL WHARF
ANODES A, B, C ET D
ANODES A, B, C AND D

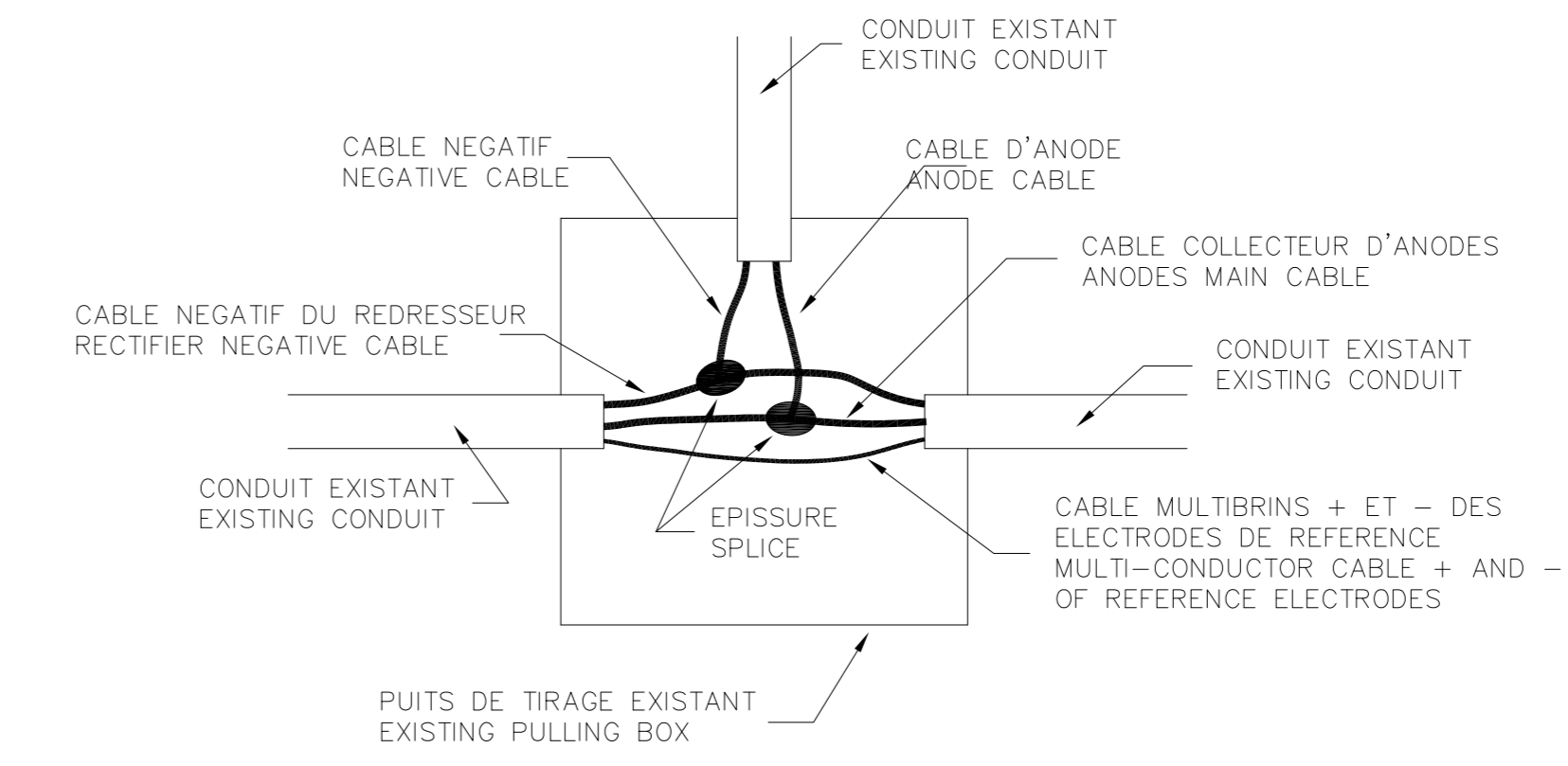
Conçu par Designed by	Date
GEORGE CALAVRE Ing.	2015-03-06
Dessiné par Drawn by	Date
RENALD BILODEAU	2015-03-11
Vérifié par Checked by	Date
GEORGE CALAVRE Ing.	2015-03-12
Approuvé par Approved by	Date
YVES GINGRAS Ing.	

No. dossier File no.	Échelle Scale
721231-005	
No. dessin Drawing no.	No. feuille Sheet no.
PPB16-3768-P01-01	06/10



SCHEMA ELECTRIQUE
ELECTRICAL DIAGRAM

- | LEGENDE | LEGEND |
|---------------------------------------|--------------------------------|
| ● ANODE | ANODE |
| R1-R2 REDRESSEUR | RECTIFIER |
| ER1-ER4 □ ELECTRODE DE REFERENCE | REFERENCE ELECTRODE |
| ◇ BORNE VOLTAGE DC | DC VOLTAGE TERMINAL |
| ◆ BORNE COURANT DC | DC CURRENT TERMINAL |
| ▲ CONNEXION INTERRUPTEUR ON/OFF | ON/OFF INTERRUPT |
| CONNEXION NEGATIVE SUR STRUCTURE | NEGATIVE TERMINAL ON STRUCTURE |
| ⊕ CONNEXION POSITIVE AU REDRESSEUR | POSITIVE TERMINAL AT RECTIFIER |
| ⊖ CONNEXION NEGATIVE AU REDRESSEUR | NEGATIVE TERMINAL AT RECTIFIER |
| ● CONNEXION AC AU REDRESSEUR | AC TERMINAL AT RECTIFIER |
| RMU SYSTEME D'ACQUISITION DES DONNEES | DATA ACQUISITION SYSTEM |



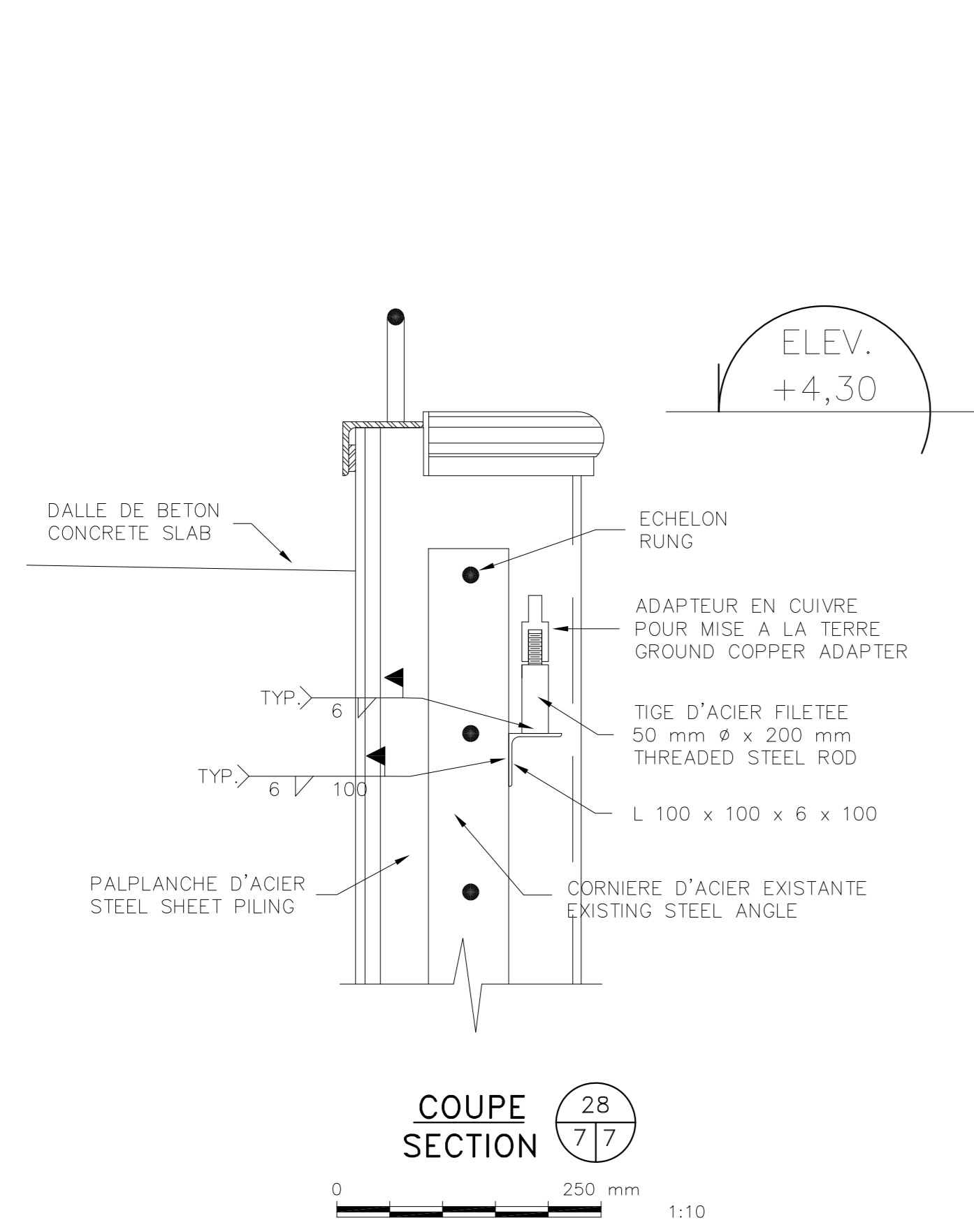
DETAILS TYPE DES CONNEXIONS DES CABLES AUX PUIXS DE TIRAGE
TYPICAL DETAILS OF CABLES CONNECTIONS OF THE PULLING BOXES

0 500 mm 1:10

LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ETRE VERIFIEES SUR PLACE PAR L'ENTREPRENEUR.

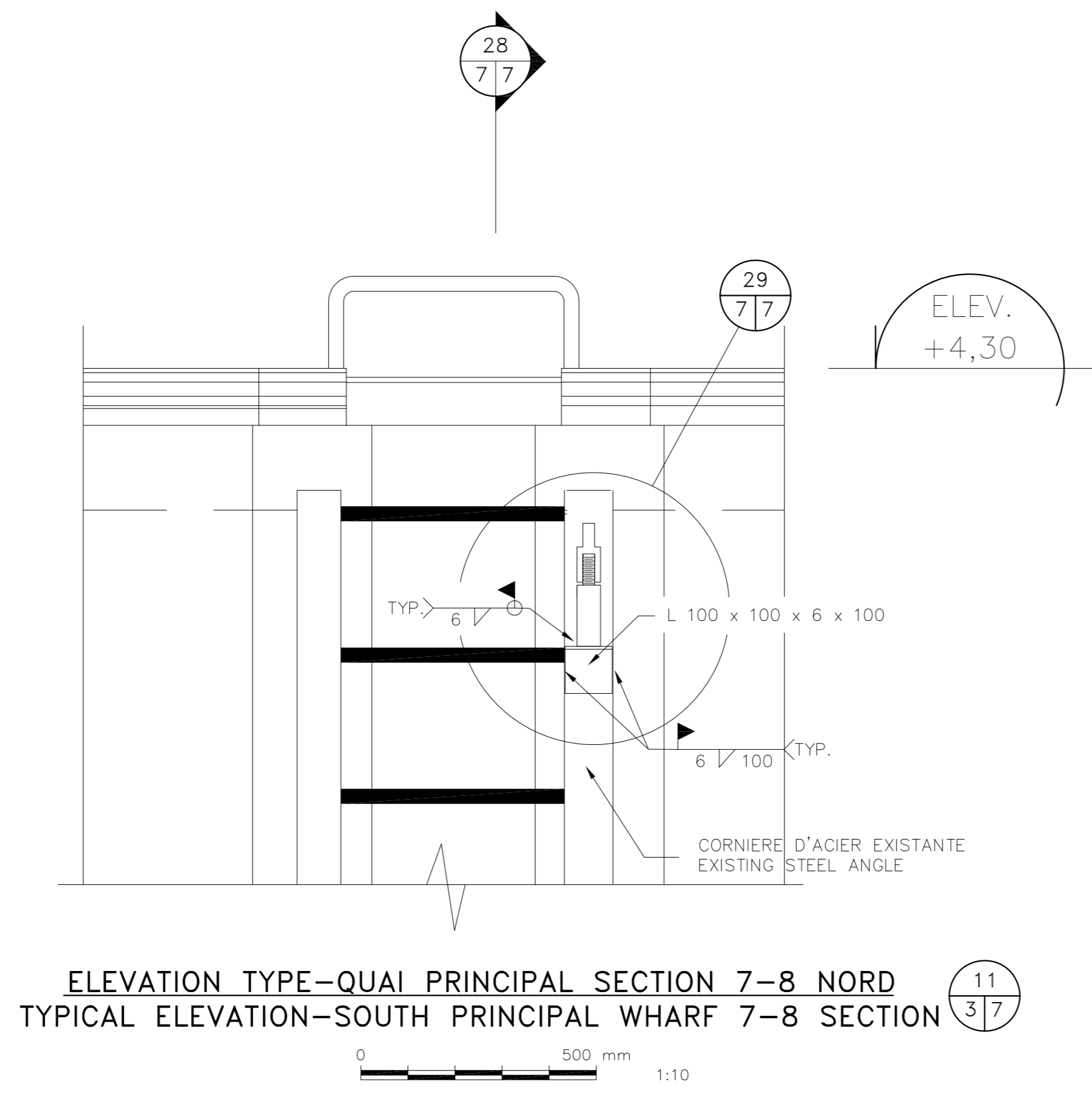
AVANT DE COMMENCER LES TRAVAUX, VERIFIER EN CONSEQUENCE, MESURER AVANT DE COUPER TOUTE PIECE.

THE MEASUREMENTS INDICATED ON THE PLANS ARE APPROXIMATE AND SHOULD BE CHECKED ON THE SITE BY THE CONTRACTOR.



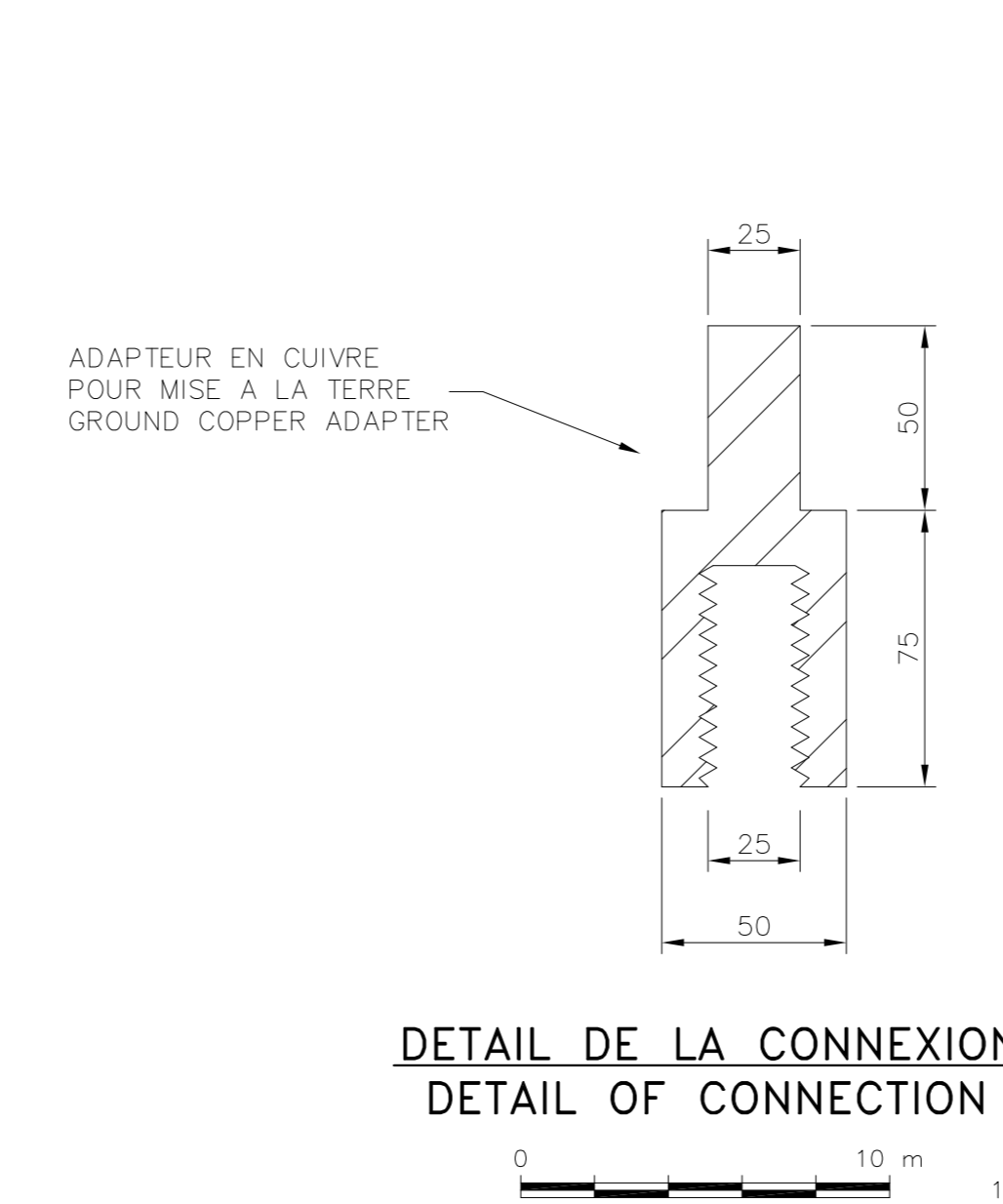
COUPE SECTION 28 / 7/7

0 250 mm 1:10



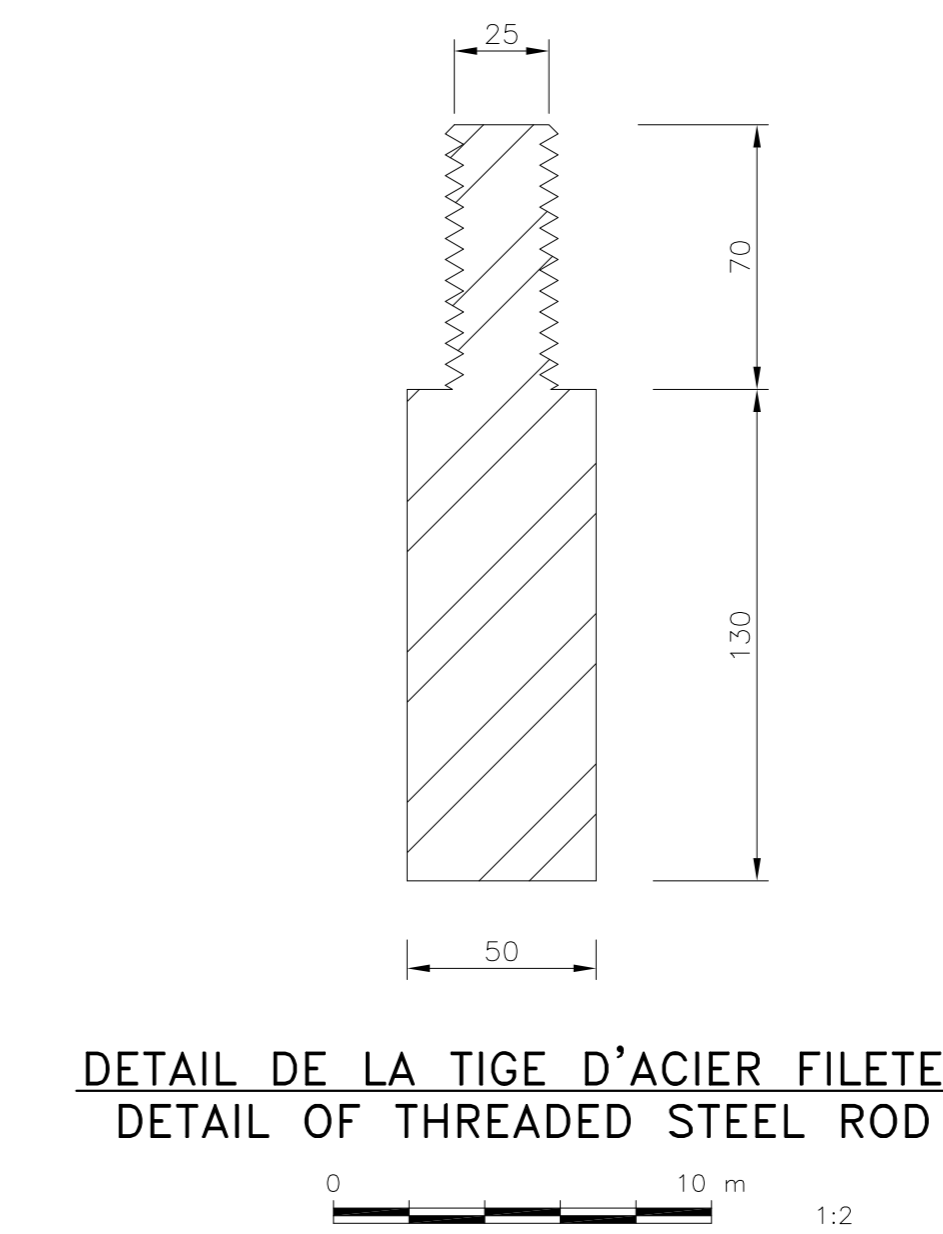
ELEVATION TYPE-QUAI PRINCIPAL SECTION 7-8 NORD
TYPICAL ELEVATION-SOUTH PRINCIPAL WHARF 7-8 SECTION 11 / 3/7

0 500 mm 1:10



DETAIL DE LA CONNEXION
DETAIL OF CONNECTION

0 10 m 1:2



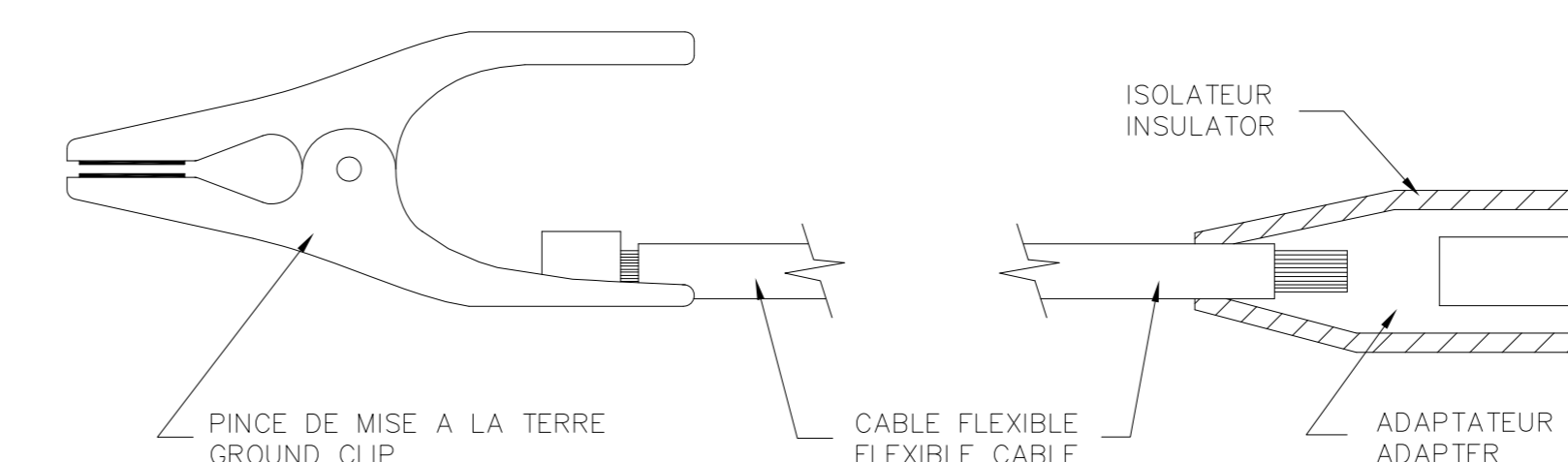
DETAIL DE LA TIGE D'ACIER FILETEE
DETAIL OF THREADED STEEL ROD

0 10 m 1:2

DETAIL TYPE DE LA MISE A LA TERRE
TYPICAL DETAIL OF THE GROUND 29 / 7/7

NOTE 1: LA CONTINUTE ELECTRIQUE DES MISES A LA TERRE AVEC LES PALPLANCHES DEVA ETRE VERIFIEE PAR L'ENTREPRENEUR
NOTE 1: THE ELECTRICAL CONTINUITY OF THE GROUND WITH THE SHEET PILES MUST BE VERIFIED BY THE CONTRACTOR

NOTE 2: L'ENSEMBLE DE LA CONNEXION FILETEE SERA RECOUVERT PAR UN RUBAN DE PETRO-40, EXCEPTE LA SURFACE D'ATTACHE DU CABLE
NOTE 2: THE WHOLE THREADED CONNECTION WILL BE COVERED WITH A PETRO-40 TAPE, EXCEPT FOR THE CABLE CONNECTION AREA



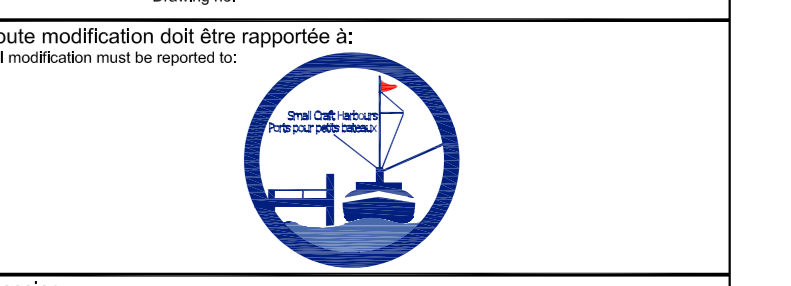
DETAIL DE MISE A LA TERRE DES NAVIRES
GROUND DETAIL FOR THE SHIPS

AUCUNE ECHELLE / NO SCALE



1	POUR/FOR SUBMISSION	D.C.	16/04/20
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Revision	Description	Par/By	Date
A	A: Nommee au detail		
B	B: Feuille sur laquelle le detail est retire		
C	C: Feuille sur laquelle le detail est dessine		



RIVIERE-AU-RENARD
PROTECTION CATHODIQUE
CATHODIC PROTECTION

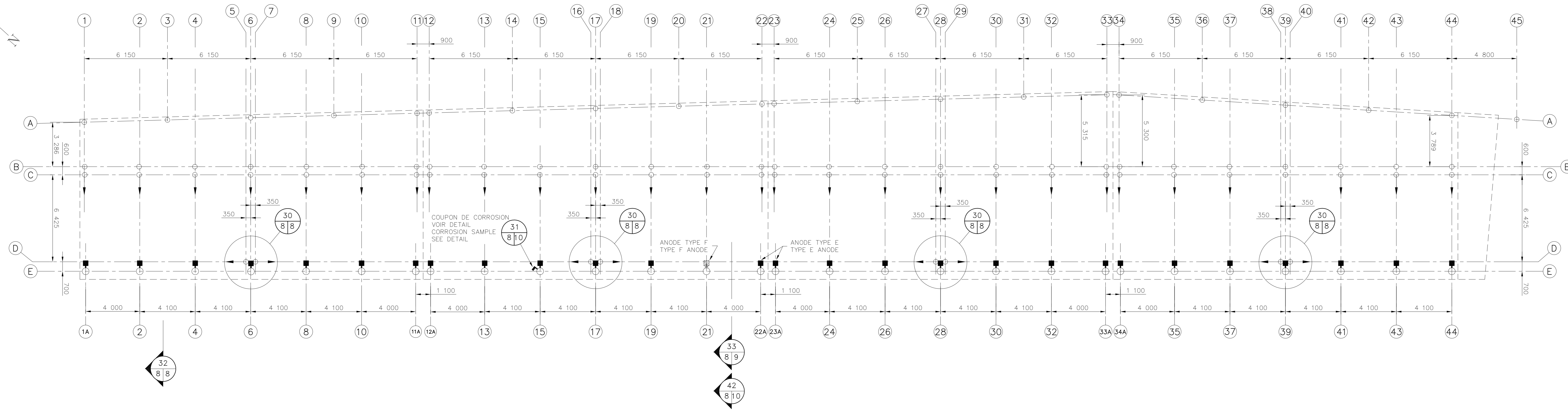
QUAI PRINCIPAL NORD
NORTH PRINCIPAL WHARF
DETAILS

Conçu par / Designed by:	GEORGE CALAVRE Ing.	Date / Date:	2015-03-17
Dessiné par / Drawn by:	RENALD BILODEAU	Date / Date:	2015-03-19
Vérifié par / Checked by:	GEORGE CALAVRE Ing.	Date / Date:	2015-03-28
Approuvé par / Approved by:	YVES GINGRAS Ing.	Date / Date:	

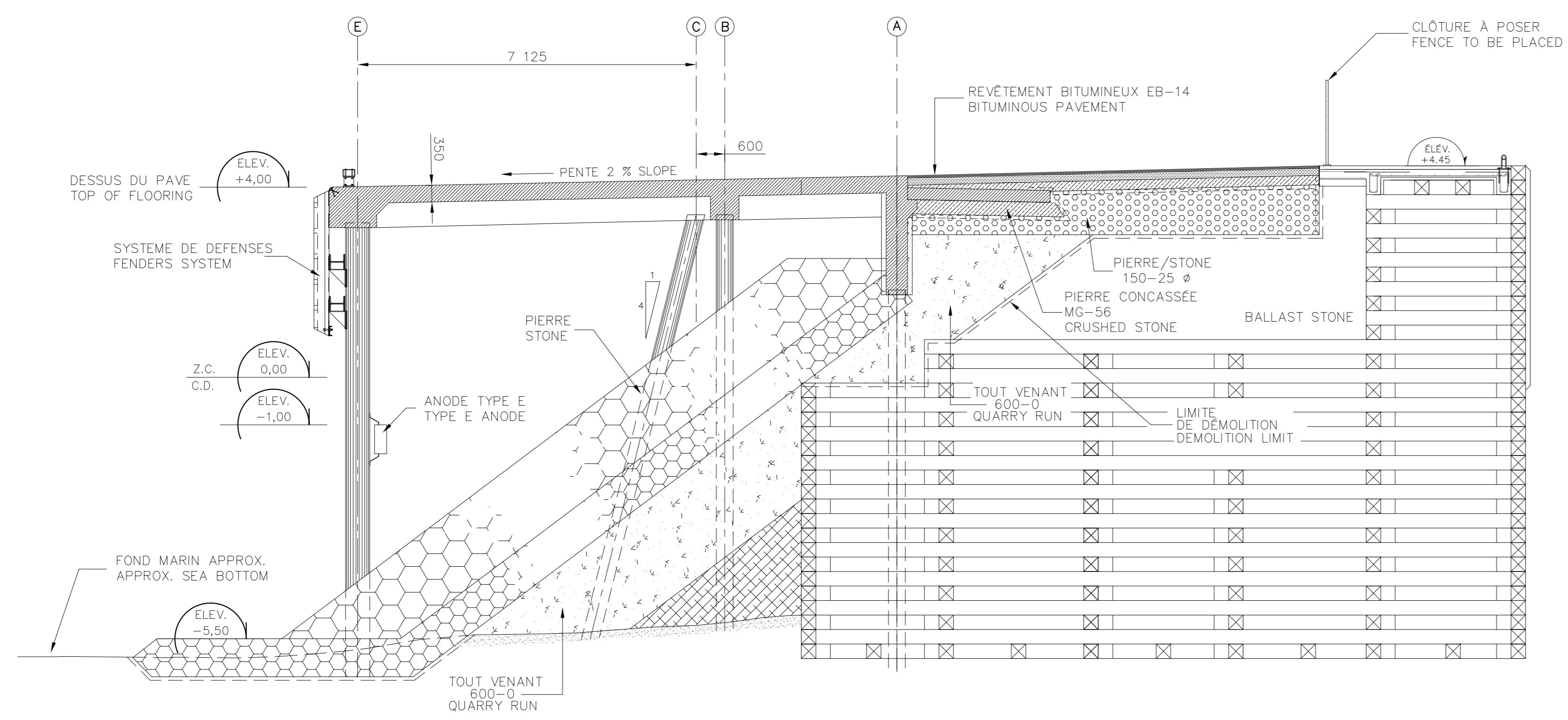
Nr. dossier / File no.:	721231-005	Echelle / Scale:	
Nr. dessin / Drawing no.:	PPB16-3768-P01-01	Nr. feuille / Sheet no.:	07/10

LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ÊTRE VÉRIFIÉES SUR PLACE PAR L'ENTREPRENEUR.
AVANT DE COMMENCER LES TRAVAUX, VÉRIFIER EN CONSÉQUENCE, MESURER AVANT DE COUPER TOUTE PIÈCE.

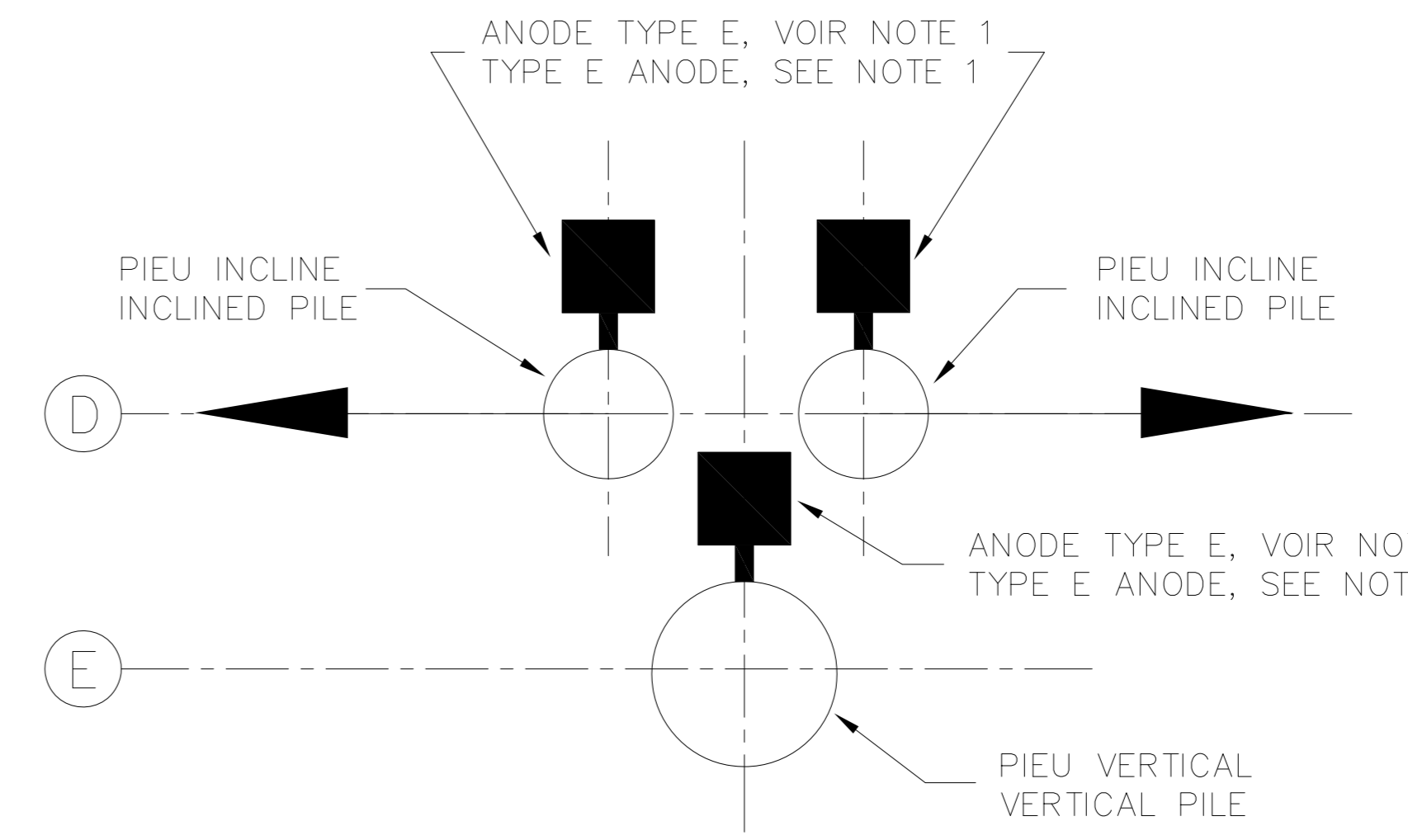
THE MEASUREMENTS INDICATED ON THE PLANS ARE APPROXIMATE AND SHOULD BE CHECKED ON THE SITE BY THE CONTRACTOR.
BEFORE STARTING THE WORKS, CHECK ACCORDINGLY, AND MEASURE ADEQUATELY BEFORE CUTTING ANY COMPONENT.



PLAN D'AMÉNAGEMENT DES PIEUX TUBULAIRES
PIPE PILE LAYOUT
0 6.25 m 1:125



COUPE SECTION
0 3.75 m 1:75



NOTE 1: INSTALLER CES ANODES A -1,50 MÈTRE
NOTE 1: INSTALL ALL THESE ANODES AT -1,50 METER
NOTE 2: INSTALLER CES ANODES A -1,00 MÈTRE
NOTE 2: INSTALL ALL THESE ANODES AT -1,00 METER

DETAIL ANODES
0 1.25 m 1:25

1	POUR/FOR SOUMISSION	D.C.	16/04/25
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Revision	Description	Par/By	Date
A	A: Numéros du détail		
B	B: Feuille sur laquelle le détail est retiré		
C	C: Feuille sur laquelle le détail est dessiné		

Toute modification doit être rapportée à:
All modification must be reported to:

RIVIÈRE-AU-RENARD
PROTECTION CATHODIQUE
CATHODIC PROTECTION

QUAI PRINCIPAL SUD
SOUTH PRINCIPAL WHARF
DETAILS ANODES
ANODES DETAILS

Conçu par: Designed by:	GEORGE CALAVRE Ing.	Date: 2015-03-05
Dessiné par: Drawn by:	RENALD BILODEAU	Date: 2015-03-11
Vérifié par: Verified by:	GEORGE CALAVRE Ing.	Date: 2015-03-12
Approuvé par: Approved by:	YVES GINGRAS Ing.	Date:

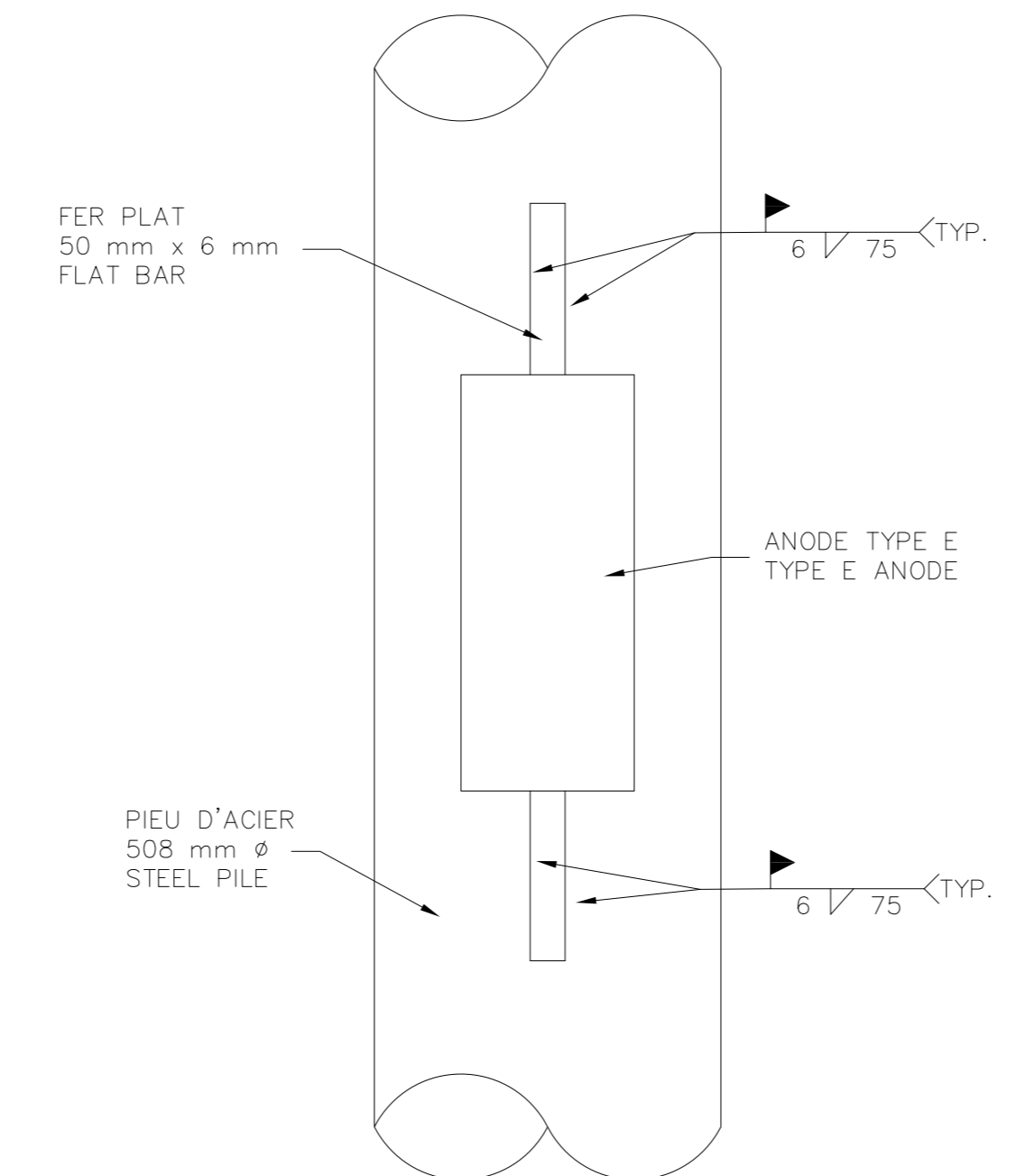
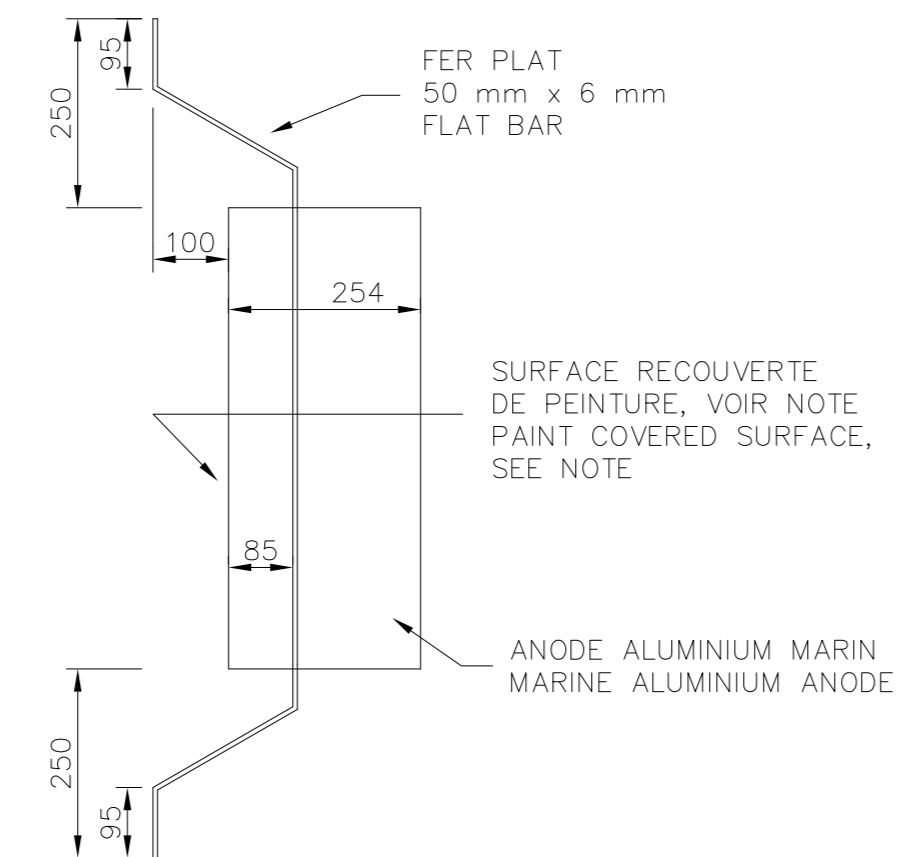
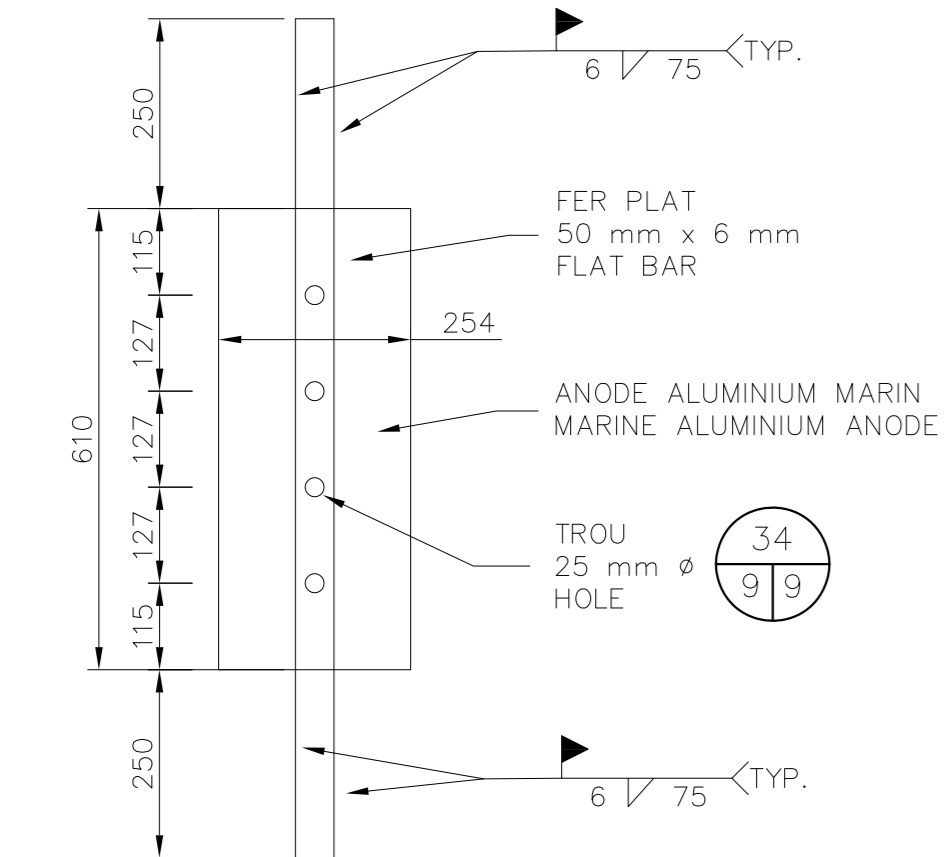
Nr. dossier: File no.:	721231-005	Échelle: Scale:	
Nr. dessin: Drawing no.:	PPB16-3768-P01-01	Nr. feuille: Sheet no.:	06/10

LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ÊTRE VÉRIFIÉES SUR PLACE PAR L'ENTREPRENEUR.

AVANT DE COMMENCER LES TRAVAUX, VÉRIFIER EN CONSÉQUENCE, MESURER AVANT DE COUPER TOUTE PIÈCE.

THE MEASUREMENTS INDICATED ON THE PLANS ARE APPROXIMATE AND SHOULD BE CHECKED ON THE SITE BY THE CONTRACTOR.

BEFORE STARTING THE WORKS, CHECK ACCORDINGLY, AND MEASURE ADEQUATELY BEFORE CUTTING ANY COMPONENT.

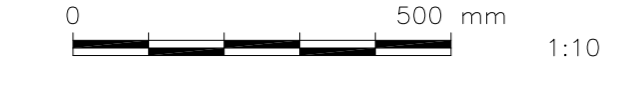


DIMENSIONS DES ANODES DIMENSIONS OF ANODES				
DIMENSIONS ET POIDS NOMINAUX NOMINAL DIMENSIONS AND WEIGHT				
LONGUEUR mm LENGTH	LARGEUR mm WIDTH	HAUTEUR mm HEIGHT	POIDS kg WEIGHT	
610	254	254	108,9	

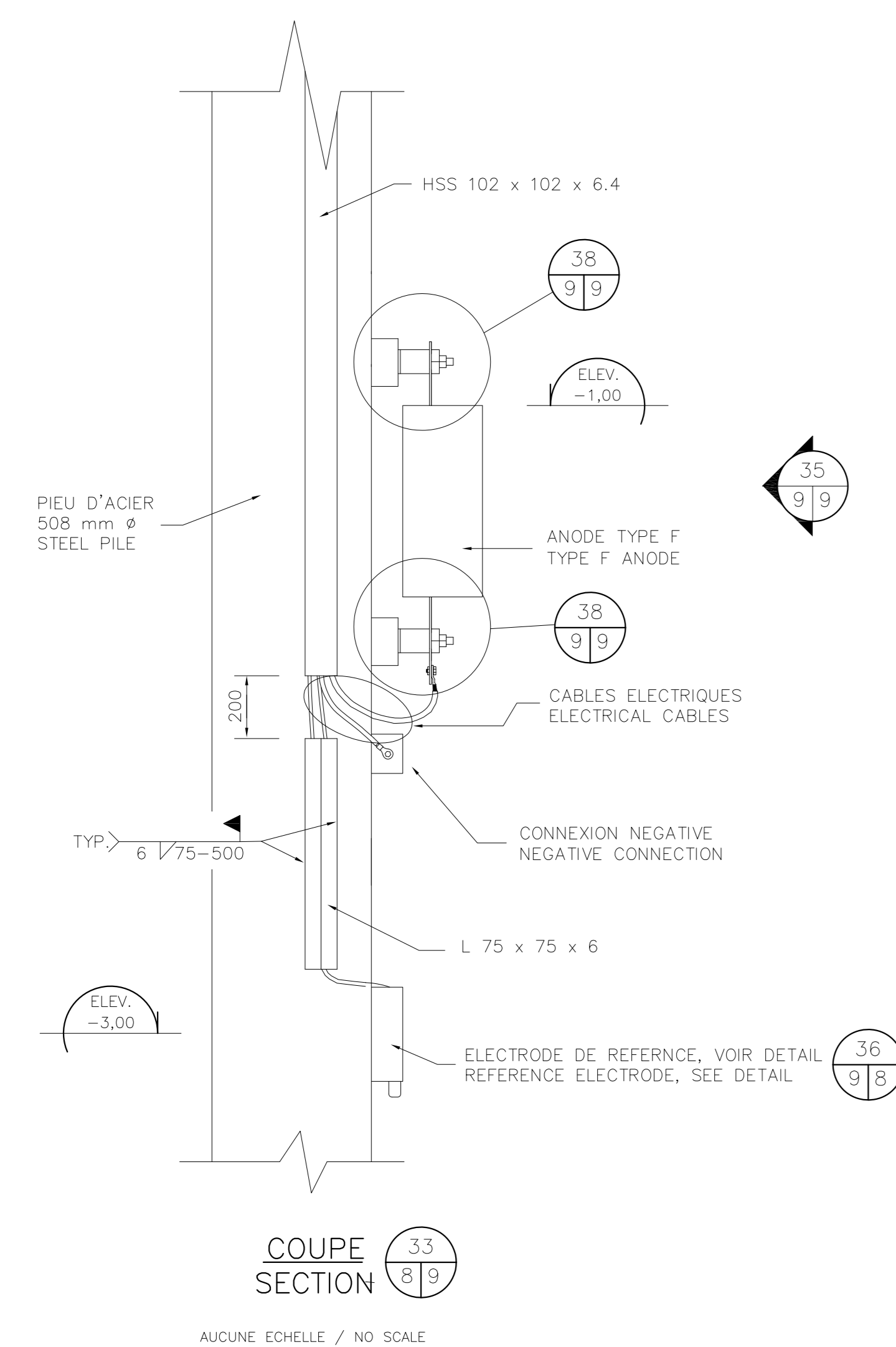
NOTE 1: PEINTURE EPOXYDIQUE, FOURNIR LA FICHE TECHNIQUE AVANT L'APPLICATION, POUR APPROBATION.
NOTE 1: EPOXY PAINT, SUPPLY TECHNICAL DATA SHEET BEFORE APPLICATION, FOR APPROVAL

NOTE 2: CABLES D'ANODES ET NEGATIFS, #8
NOTE 2: ANODES AND NEGATIVE CABLES, #8

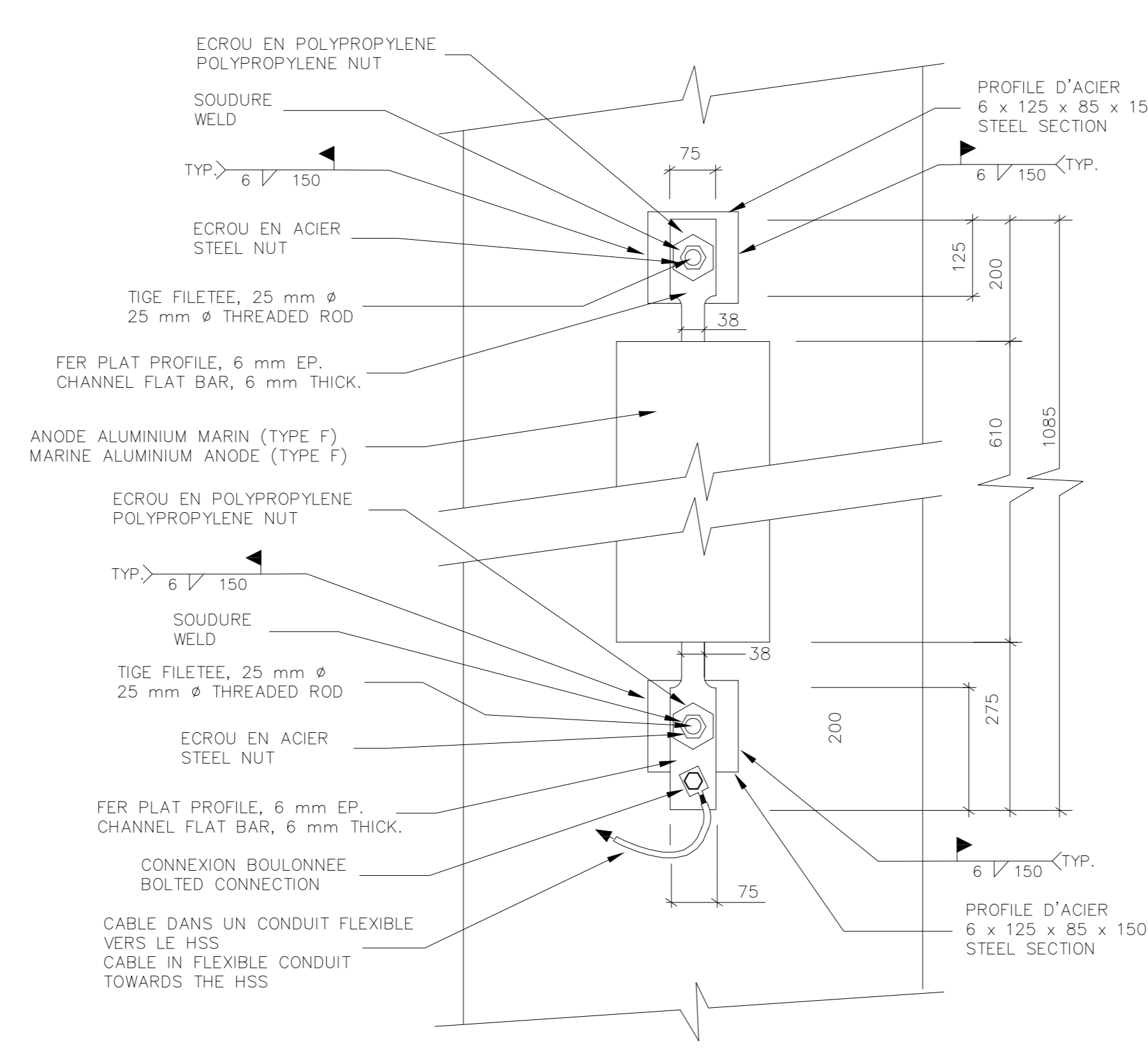
DETAIL DE L'ANODE TYPE E
DETAIL OF TYPE E ANODE



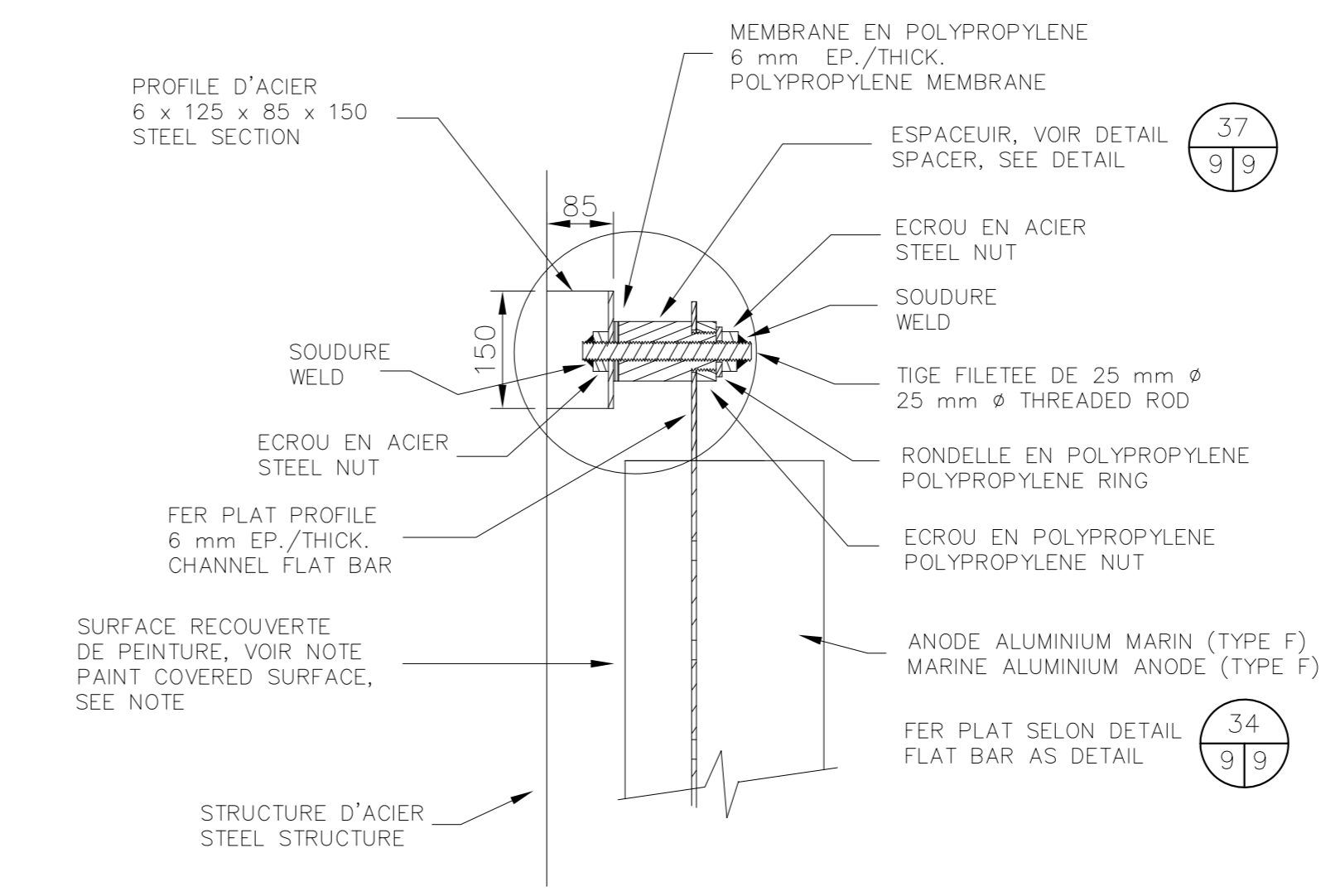
ELEVATION TYPE-AXE E
TYPICAL ELEVATION-AXIS E



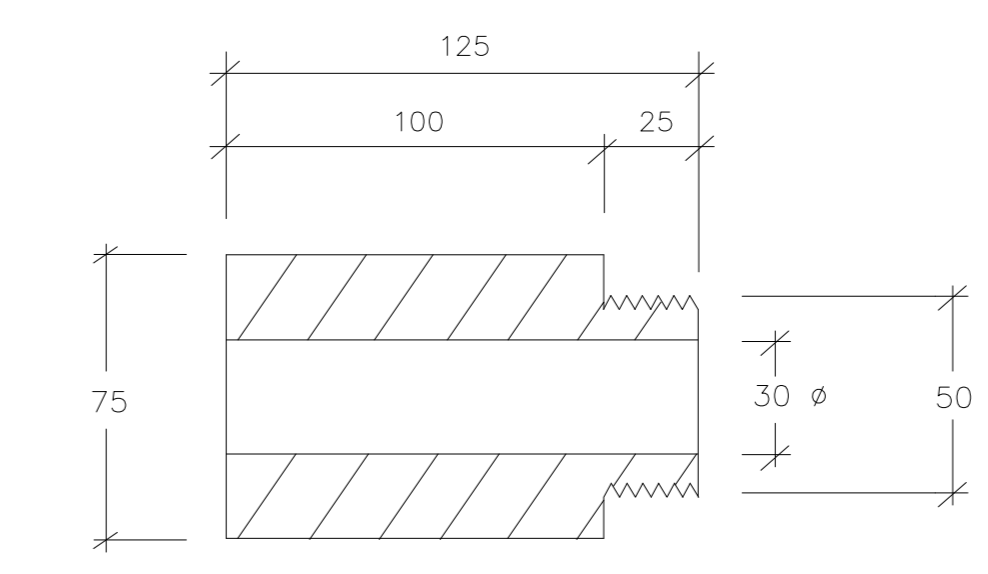
AUCUNE ECHELLE / NO SCALE



ECHELLE AUCUNE / NO SCALE



ECHELLE AUCUNE / NO SCALE

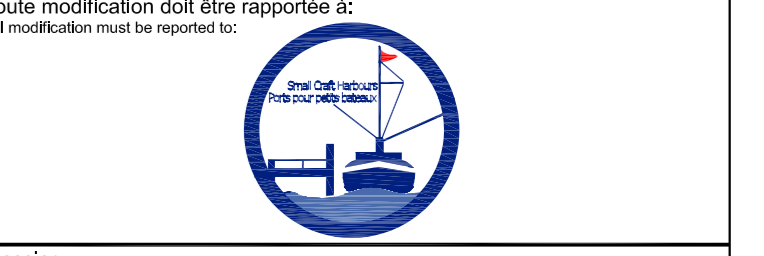


DETAIL
DETAIL



POUR/FOR SOUMISSION

Revision	Description	Par/By	Date
A	A: Nomme du detail		
B	B: Fiche sur laquelle le detail est retire		
C	C: Fiche sur laquelle le detail est dessine		



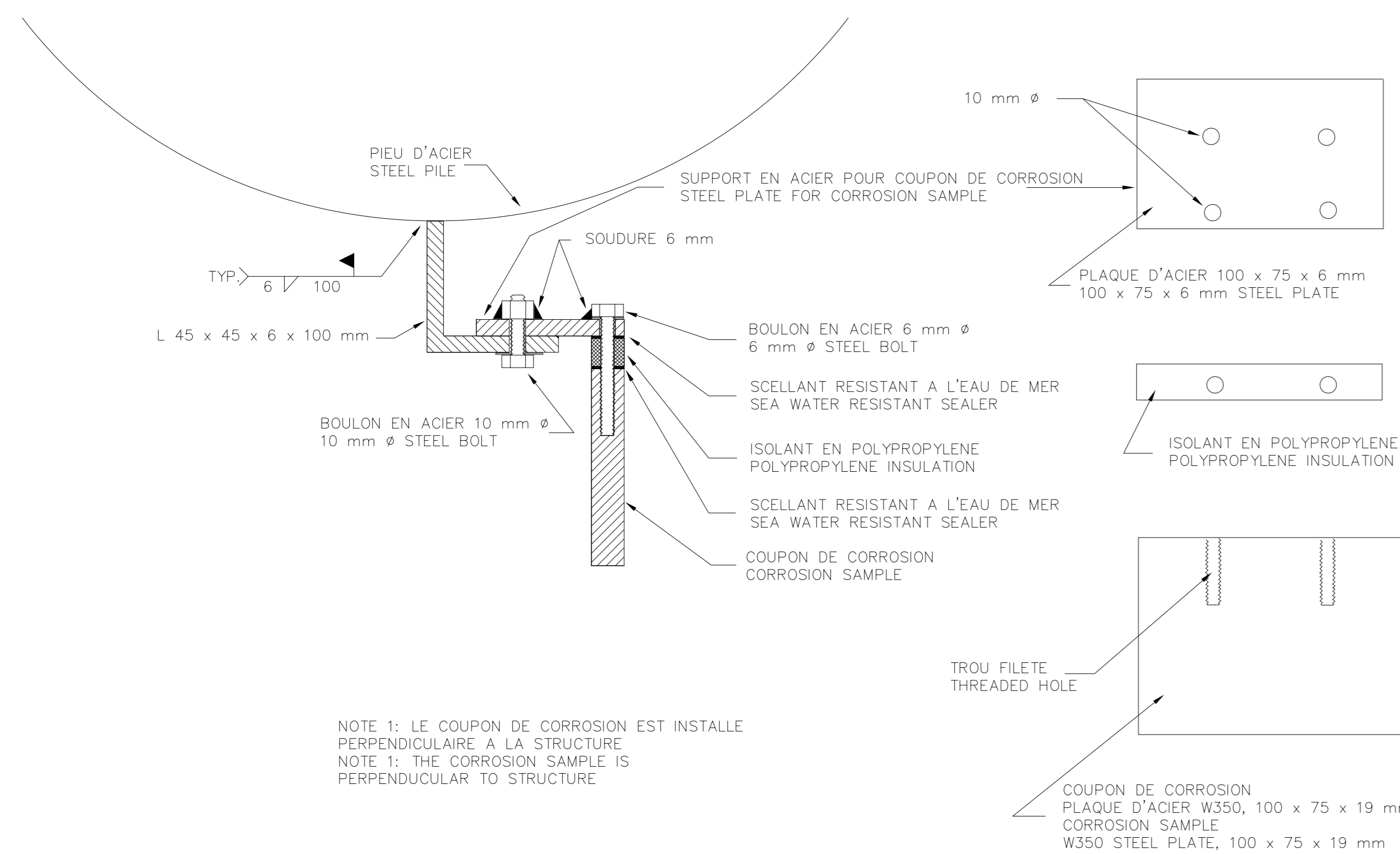
Toute modification doit être rapportée à: All modification must be reported to:

RIVIERE-AU-RENARD
PROTECTION CATHODIQUE
CATHODIC PROTECTION

QUAI PRINCIPAL SUD
SOUTH PRINCIPAL WHARF
DETAILS ANODES
ANODES DETAILS

Conçu par Designed by	Date
GEORGE CALAVRE Ing.	2015-03-18
Dessiné par Drawn by	Date
RENALD BILODEAU	2015-03-19
Vérifié par Checked by	Date
GEORGE CALAVRE Ing.	2015-03-20
Approuvé par Approved by	Date
YVES GINGRAS Ing.	

Nl. dossier File no.	Échelle Scale
721231-005	
Nl. dessin Drawing no.	Nl. feuille Sheet no.
PPB16-3768-P01-01	09/10

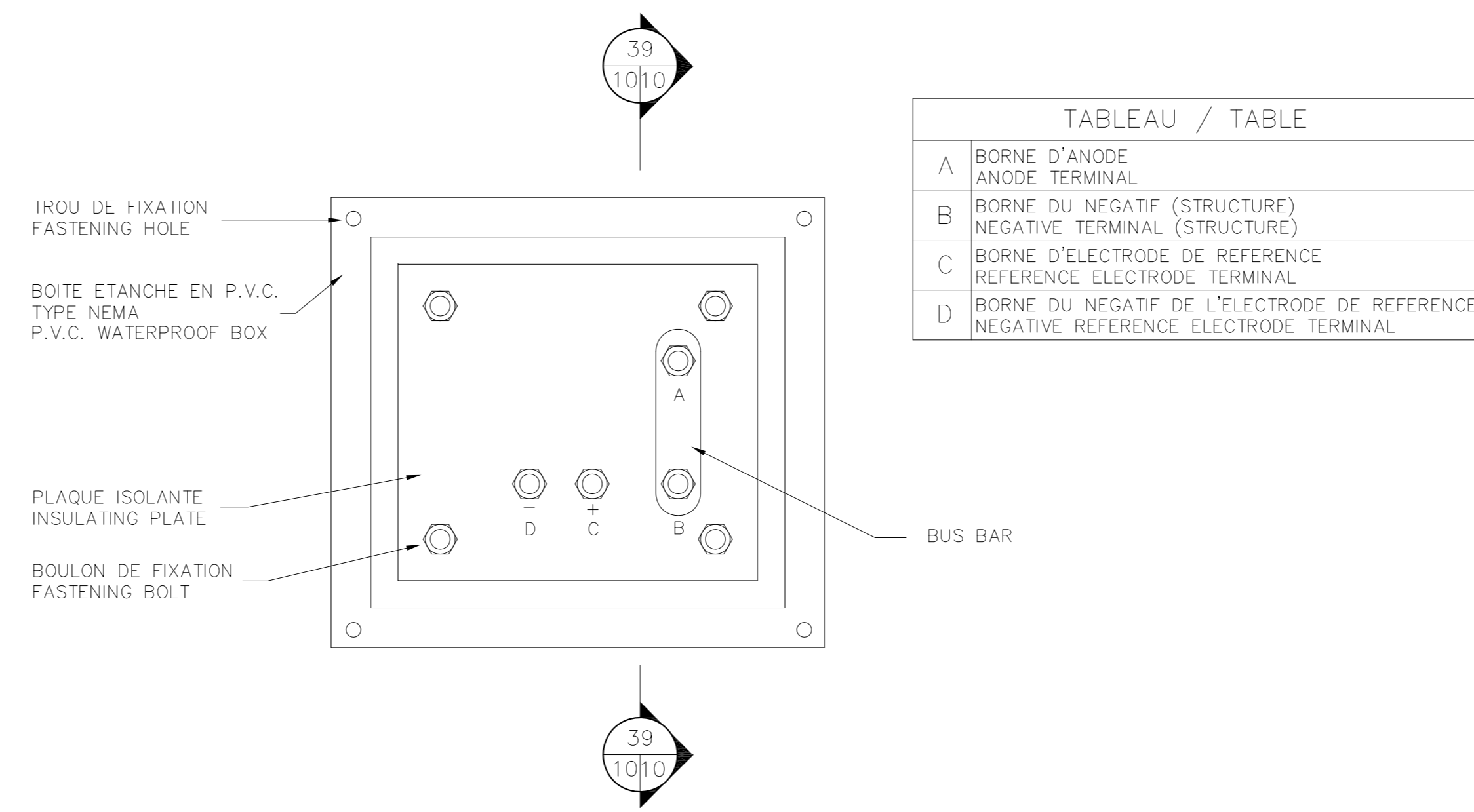


DETAIL TYPE DU COUPON DE CORROSION
TYPICAL DETAIL OF CORROSION SAMPLE



AUCUNE ECHELLE / NO SCALE

NOTE 1: LE COUPON DE CORROSION EST INSTALLE PERPENDICULAIRE A LA STRUCTURE
NOTE 1: THE CORROSION SAMPLE IS PERPENDICULAR TO STRUCTURE

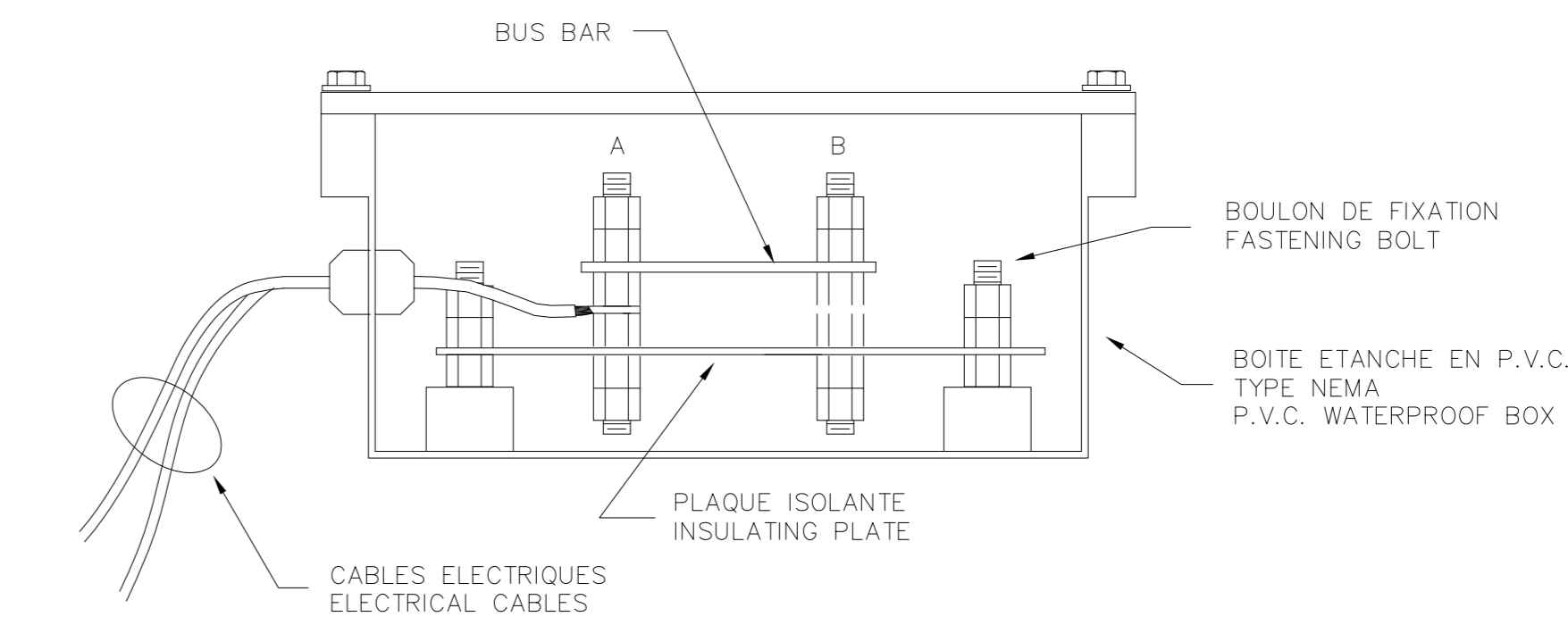


LES DETAILS DE FABRICATION ET D'INSTALLATION SERONT FAITS PAR L'ENTREPRENEUR.
THE FABRICATION AND INSTALLATION DETAILS WILL BE MADE BY THE CONTRACTOR

FOURNIR LES DETAILS POUR APPROBATION
SUPPLY THE DETAILS FOR APPROVAL

VUE SCHEMATIQUE DE LA BOITE DE CONTROLE
SCHEMATIC VIEW OF CONTROL

AUCUNE ECHELLE / NO SCALE



COUPE SCHEMATIQUE DE LA BOITE DE CONTROLE
SCHEMATIC SECTION OF CONTROL BOX

AUCUNE ECHELLE / NO SCALE



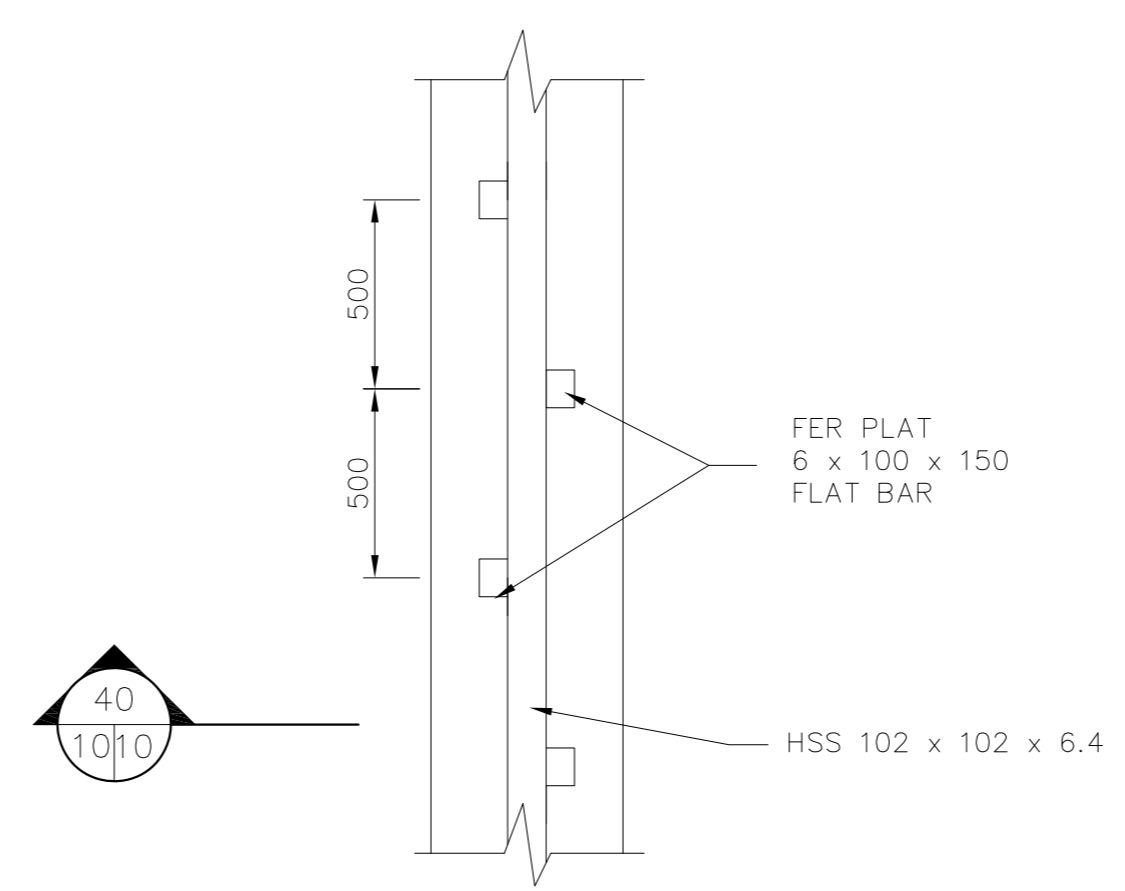
LES MESURES SUR LES PLANS SONT APPROXIMATIVES ET ELLES DOIVENT ETRE VERIFIEES SUR PLACE PAR L'ENTREPRENEUR.

AVANT DE COMMENCER LES TRAVAUX, VERIFIER EN CONSEQUENCE, MESURER AVANT DE COUPER TOUTE PIECE.

THE MEASUREMENTS INDICATED ON THE PLANS ARE APPROXIMATE AND SHOULD BE CHECKED ON THE SITE BY THE CONTRACTOR.

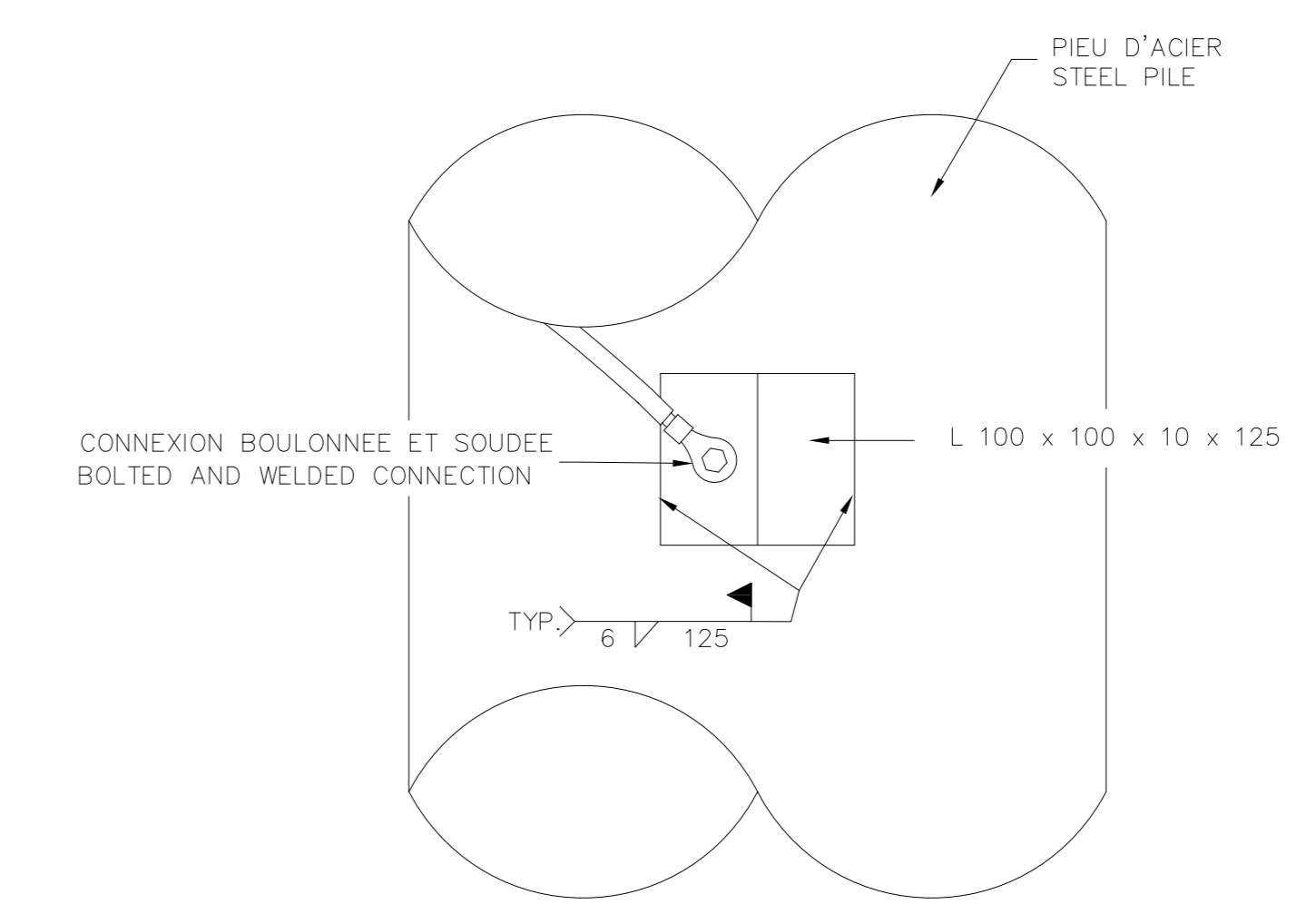
BEFORE STARTING THE WORKS, CHECK ACCORDINGLY, AND MEASURE ADEQUATELY BEFORE CUTTING ANY COMPONENT.

MEULER TOUTES LES ARÊTES DES CONDUITS POUVANT ENTRER EN CONTACT AVEC LES FILS ELECTRIQUES
GRIND DOWN ALL THE CONDUITS EDGES THAT CAN TOUCH THE ELECTRICAL CABLES



FIXATION DU HSS AU PIEU
HSS FIXATION ON THE PILE

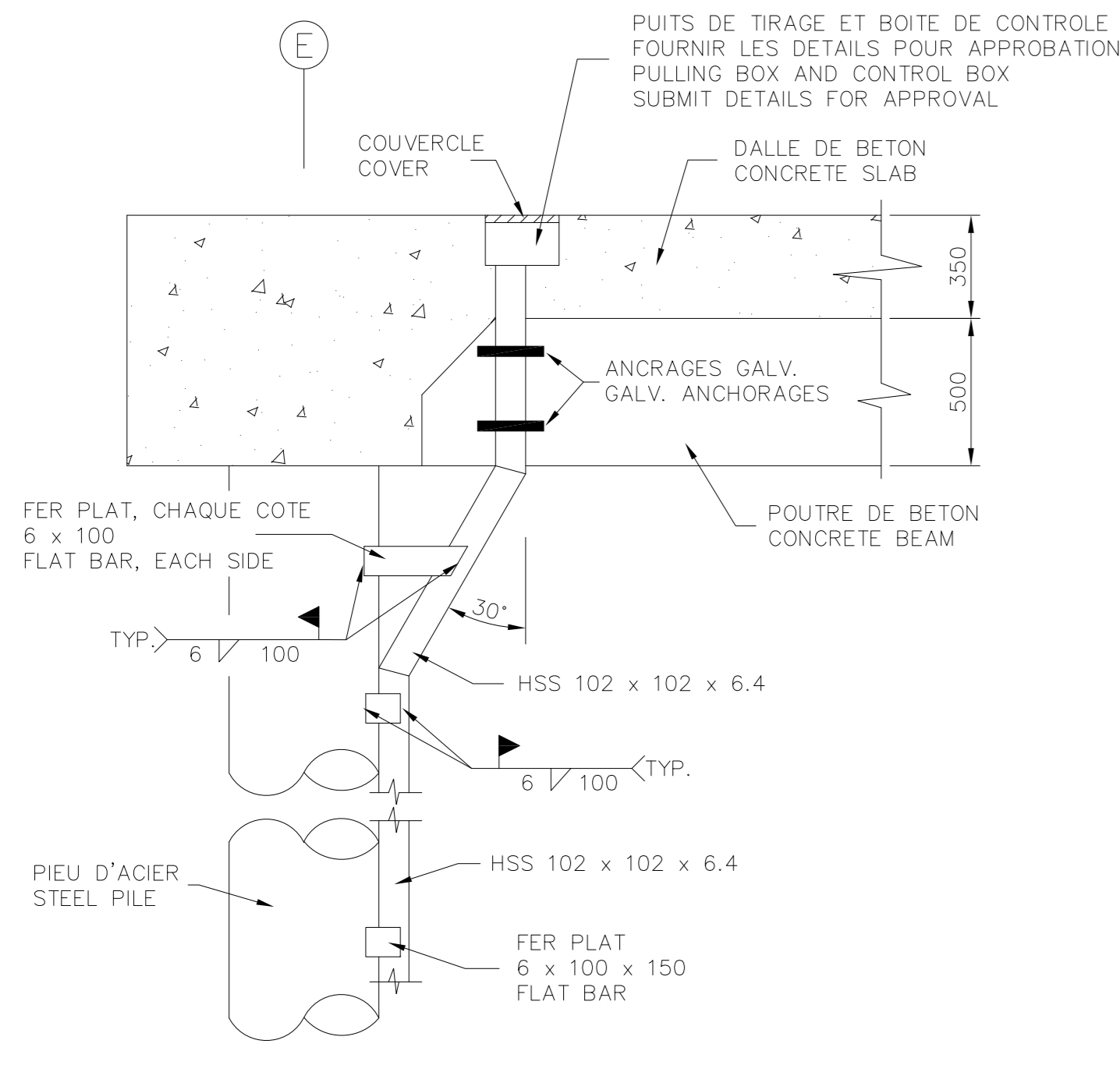
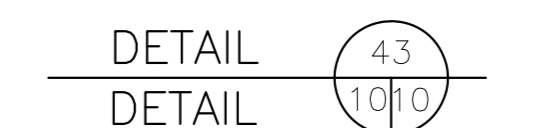
0 1 m 1:20



NOTE 1: AVANT DE SOUDER LA CORNIERE SUR LA STRUCTURE, NETTOYER A NU LA SURFACE DE LA STRUCTURE
NOTE 1: BEFORE WELDING ANGLE ON THE STRUCTURE, THE SURFACE OF THE STRUCTURE SHOULD BE SCAPED COMPLETELY

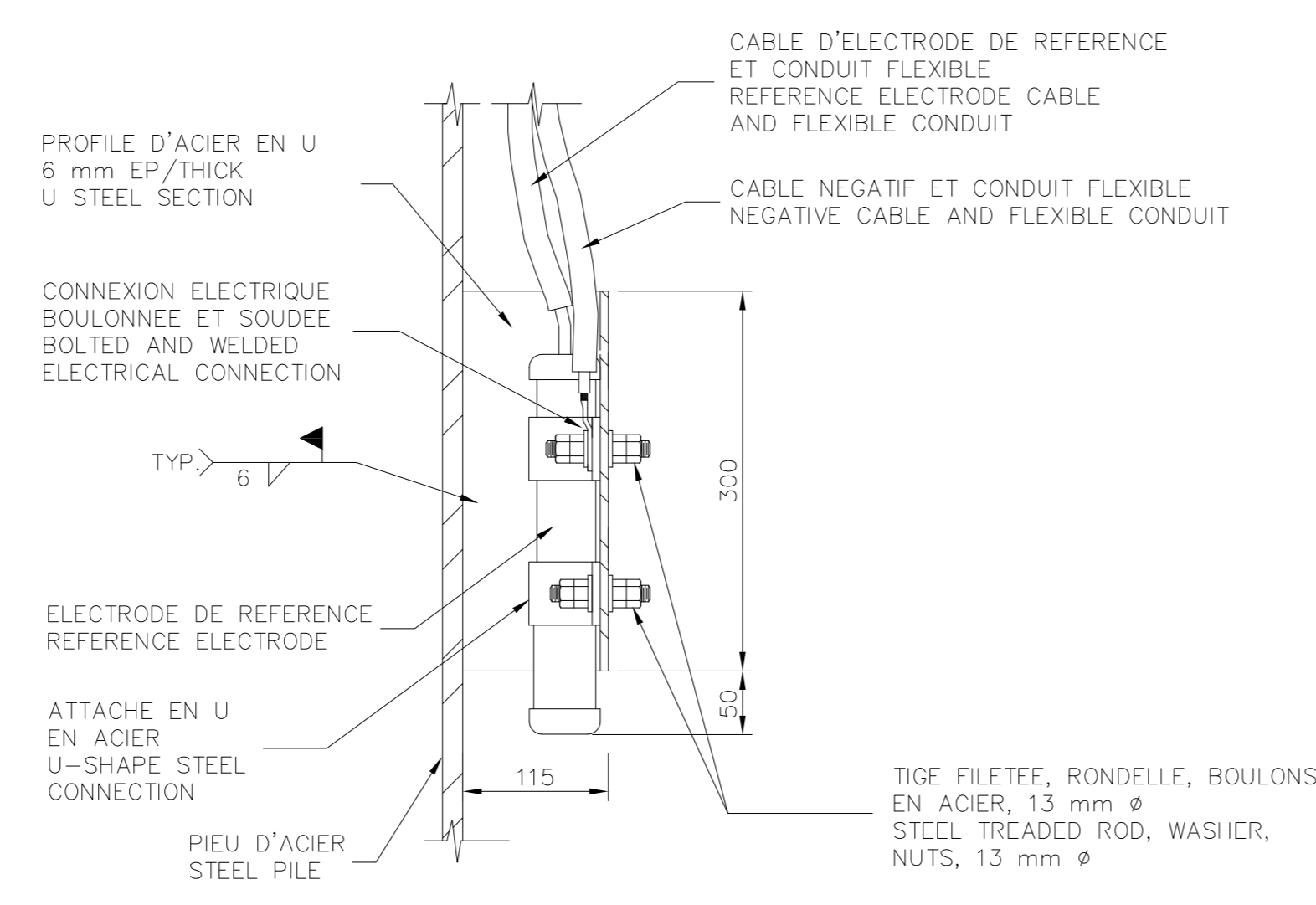
FIXATION TYPE DU CABLE NEGATIF SUR LA STRUCTURE
TYPICAL CONNECTION OF THE NEGATIVE CABLE ON THE STRUCTURE

0 250 mm 1:5



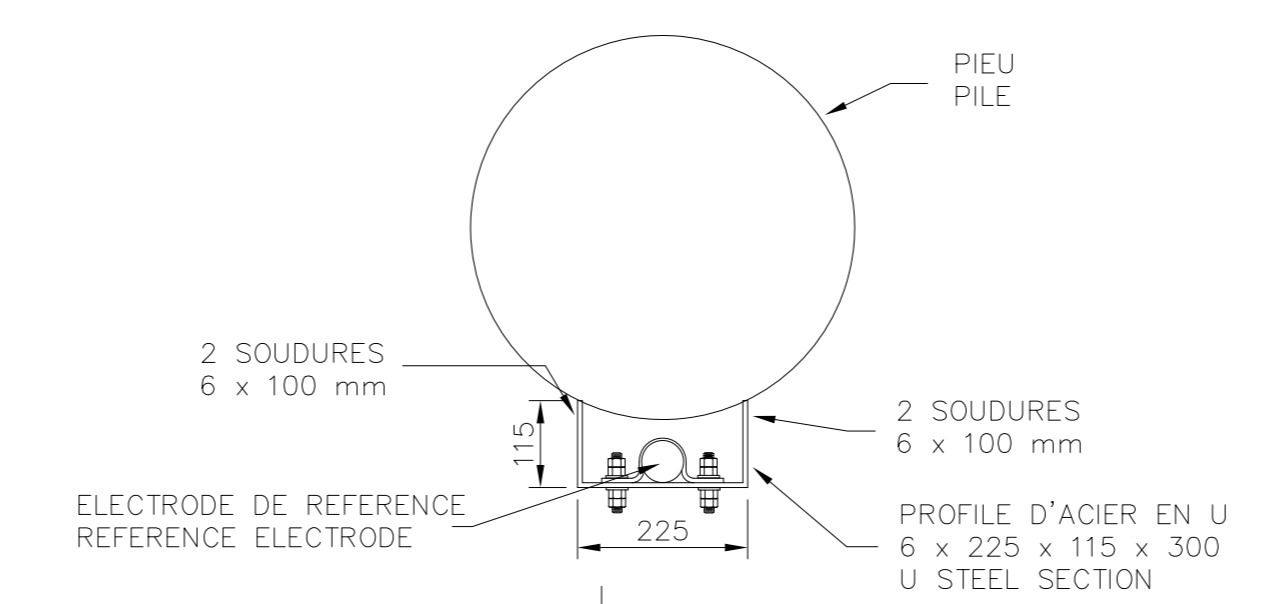
VUE LATÉRALE
SIDE VIEW

0 1 m 1:20



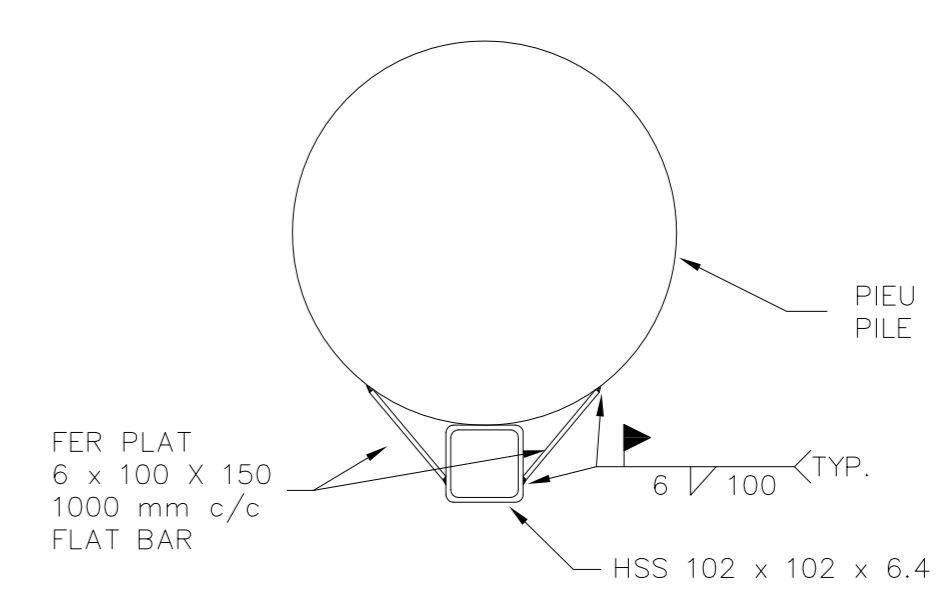
DETAIL DE L'ELECTRODE DE REFERENCE
DETAIL OF REFERENCE ELECTRODE

0 250 mm 1:5



COUPE SECTION 41

0 500 mm 1:10

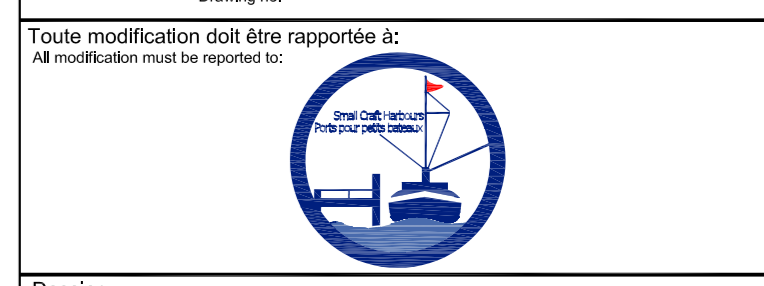


COUPE SECTION 40

0 500 mm 1:10

1	POUR/FOR SUBMISSION	D.C.	16/04/20
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Revision	Description	Par/By	Date
A	A: Numéros du détail		
B	B: Détails sur lesquels le détail est retiré		
C	C: Détails sur lesquels le détail est dessiné		



RIVIÈRE-AU-RENARD
PROTECTION CATHODIQUE
CATHODIC PROTECTION

QUAI PRINCIPAL SUD
SOUTH PRINCIPAL WHARF
DETAILS

Conçu par/Designed by	Date
GEORGE CALAVRE Ing.	2015-03-23
Dessiné par/Drawn by	Date
RENALD BILODEAU	2015-03-24
Vérifié par/Checked by	Date
GEORGE CALAVRE Ing.	2015-03-25
Approuvé par/Approved by	Date
YVES GINGRAS Ing.	

No. dossier/No.:	721231-005	Echelle/Scale:	
No. dessin/No.:	PPB16-3768-P01-01	No. feuille/No.:	10/10