

OTTAWA RIVER PARKWAY REHABILITATION (VARIOUS LOCATIONS)

PART A: ISLAND PARK DRIVE RAMP PAVEMENT REHABILITATION
 PART B: PARKDALE AVENUE RAMPS PAVEMENT REHABILITATION
 PART C: OTTAWA RIVER PARKWAY WESTBOUND PAVEMENT REHABILITATION
 BETWEEN CPR OVERPASS AND RAMP 'E' BRIDGE
 PART D: CPR OVERPASS AND RAMP 'E' STRUCTURE REHABILITATION

REHABILITATION DE PROMENADE DE L'OUTAOUAIS(DIVERS ENDROITS)

PARTIE A: REMISE EN ÉTAT DE LA CHAUSSÉE DE LA RAMPE DE PROMENADE ISLAND PARK
 PARTIE B: REMISE EN ÉTAT DE LA CHAUSÉE DES RAMPES DE L'AVENUE PARKDALE
 PARTIE C: REMISE EN ÉTAT DE LA CHAUSSÉE DE LA VOIE OUEST DE LA PROMENADE DE
 L'OUTAOUAIS ENTRE LE PASSAGE SUPÉRIEUR DU "CPR" ET DE LA STRUCTURE
 RAMPE "E"
 PARTIE D: REMISE EN ÉTAT DU PASSAGE SUPÉRIEUR DU "CPR" ET DE LA STRUCTURE
 RAMPE "E"

OTTAWA, ONTARIO

ISSUED FOR TENDER / ÉMIS POUR SOUMISSION
MARCH 31, 2006 / 31 MARS 2006



**McCORMICK RANKIN
CORPORATION**

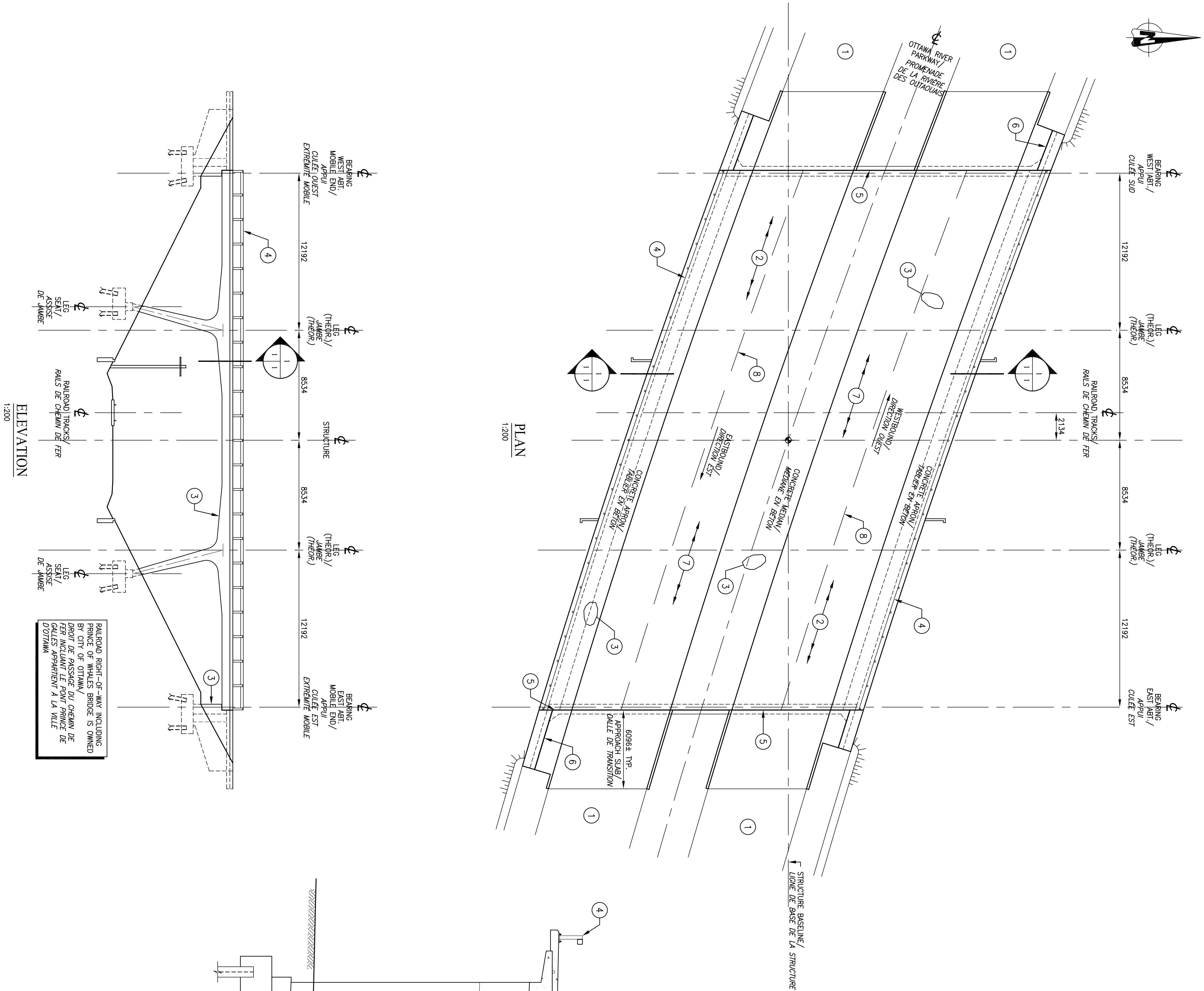


GENIVAR



RAMP 'E' STRUCTURE
GENERAL ARRANGEMENT
EXISTING
PONT D'ÉTAGEMENT RAMPE 'E'
PLAN D'ENSEMBLE
EXISTANT

approved by	P. LAMONTAGNE, P. ENG.
approuvé par	P. LAMONTAGNE, P. ENG.
designed by	P. LAMONTAGNE, P. ENG.
conçu par	P. LAMONTAGNE, P. ENG.
drawn by	M. AUGER
dessiné par	M. AUGER
date	scale
JANUARY 2005	SCALE
sheet no.	échelle
no. du projet de la CCN	no. de la feuille
RD 2208 28	012



NOTES :

SPECIFICATIONS

1. REFER TO CONTRACT DOCUMENTS

2. ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS)

3. CODE CAN/CSA S6-00

CONSTRUCTION NOTES

1. ANY DAMAGE TO EXISTING STRUCTURES DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AND AT NO EXTRA COST.

2. CONTRACTOR SHALL IDENTIFY SITE ACCESS ROAD TO BE USED AND PROVIDE TO ENGINEER FOR APPROVAL PRIOR TO THE START OF WORKS. CONTRACTOR SHALL BE RESPONSIBLE TO GET PROPER AUTHORITIES APPROVAL FOR ACCESS AND RE-INSURE ACCESS TO ORIGINAL CONDITION.

GENERAL SCOPE OF STRUCTURAL WORK

1 MOBILIZATION/DEMOLIBLIZATION AND TRAFFIC PROTECTION

2 ASPHALT AND WATERPROOFING REMOVAL ON DECK

3 CONCRETE REPAIRS ON CONCRETE APRON, MEDIAN AND ABUTMENTS (TYPICAL AREA SHOWN ON DRAWINGS)

4 EXISTING BALUNES ON BRIDGE TO REMAIN

5 REPLACE EXPANSION JOINTS IN APRON AND MEDIAN

6 REPLACE SEALANT IN EXISTING JOINTS

7 WATERPROOF AND PAVE DECK

8 PAINT PAVEMENT MARKINGS

NOTES :

SPECIFICATIONS

1. SE REFERER AUX DOCUMENTS CONTRACTUELS

2. ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS)

3. CODE CAN/CSA S6-00

NOTES CONSTRUCTION

1. TOUT DOMMAGES SUBIT AUX STRUCTURES EXISTANTES DURANT LA PERIODE DES TRAVAUX SERONT REPARÉS AUX FRAIS DE L'ENTREPRENEUR.

2. L'ENTREPRENEUR DEVRA IDENTIFIER LE CHEMIN D'ACCES AU SITE OÙ IL PRÉVOIS UTILISER ET LE SOUMETTRE À L'INGÉNIEUR POUR APPROBATION AVANT LE DÉBUT DES TRAVAUX. L'ENTREPRENEUR SERA RESPONSABLE D'OBTENIR LES AUTORIZATIONS NÉCESSAIRES AU DÉBUT DES TRAVAUX ET LA RÉALISER EN ÉTAT DU CHEMIN D'ACCES.

ÉTENDUE DES TRAVAUX DE STRUCTURE

1 MOBILISATION/DEMOLIBLIZATION ET MAINTIEN DE LA CIRCULATION

2 ENLÈVEMENT DE L'ASPHALTE ET DE LA MEMBRANE D'ÉTANCHÉITÉ SUR LE TABLIER

3 RÉPARATION DE BÉTON SUR LE TABLIER, MÉDIANE ET CULETS (ARE TYPIQUE INDICUÉE AUX DESSINS)

4 GUSSETES EXISTANTES À CONSERVER

5 REMPLACER LE JOINT D'EXPANSION DANS LE TABLIER ET LA MÉDIANE

6 REMPLACER LE SCÉLANT DANS LES JOINTS EXISTANTS

7 INSTALLER NOUVELLE MEMBRANE D'ÉTANCHÉITÉ ET ASPHALTER LE TABLIER

8 PEINTURER LE MARQUAGE DE L'ASPHALTE

LEGEND

ADD.

TR.

EXIST.

IMV.

UNO.

N.T.S.

C/W

T & B

2-DIR.

E-F

E.W.

M.P.

ADDITIONAL

TYPICAL

EXISTING

SIMILAR

INVERSE

UNLESS NOTED OTHERWISE

NOT TO SCALE

COMPLETE WITH

TOP AND BOTTOM

EACH FACE

EACH WAY

MODIFIED

PROTOR

LEGÈNDE

ADD.

TR.

EXIST.

IMV.

UNO.

N.T.S.

C/W

T & B

2-DIR.

E-F

E.W.

M.P.

ADDITIONNEL

CONTINU

EXISTANT

ÉQUIVALENT

INVERSE

INDIQUÉ

PAS À L'ÉCHELLE

EN DÉSSOUS

COMPLÈT AVEC

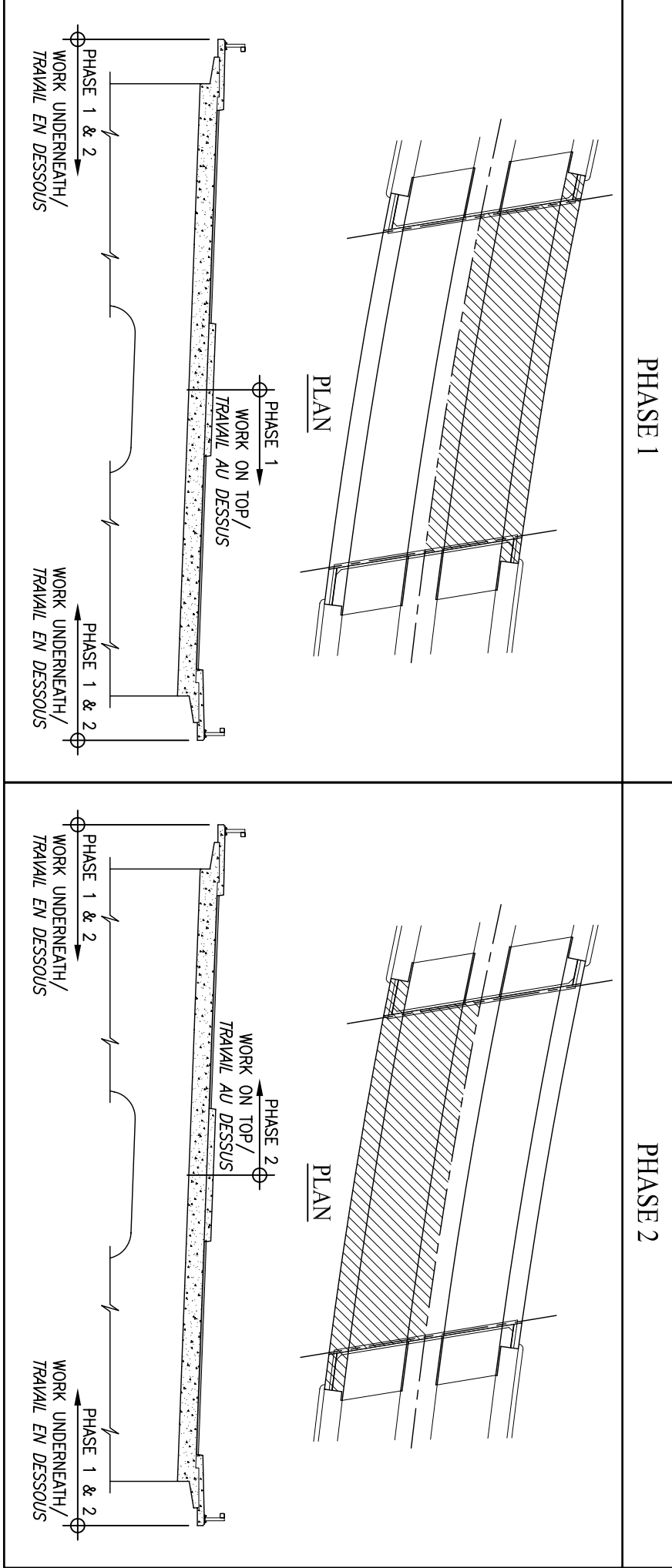
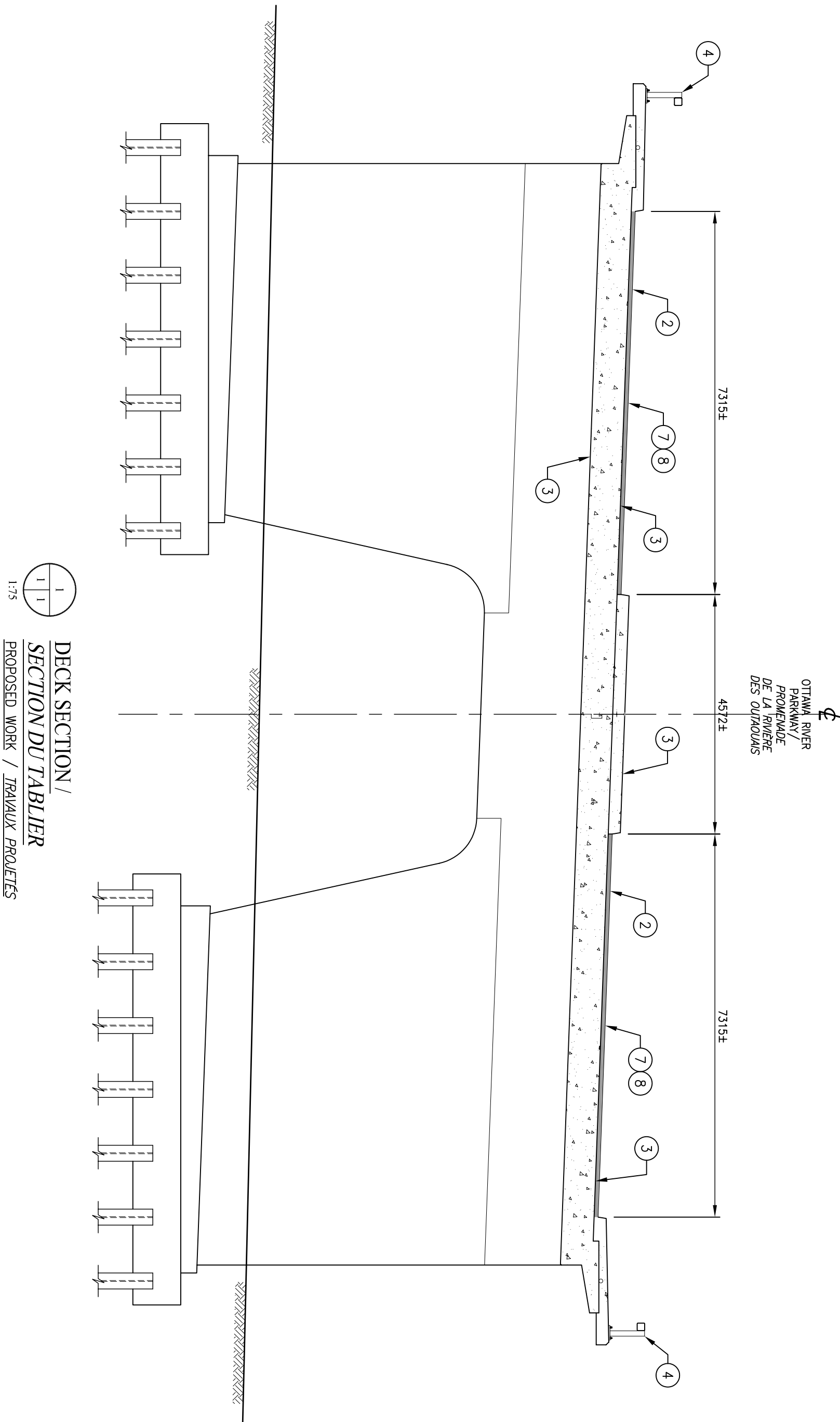
EN-DESSUS

DEUX DIRECTIONS

CHACQUE FACE

CHACQUE CÔTÉ

PROTOR MODIFIÉ



0	FOR TENDER / POUR SOUMISSION	2006-03-31
no.	Description	date

OTTAWA RIVER
PARKWAY REHABILITATION
(PART D)
RÉHABILITATION
PROMENADE DES OUTAOUAIS
(PARTIE D)

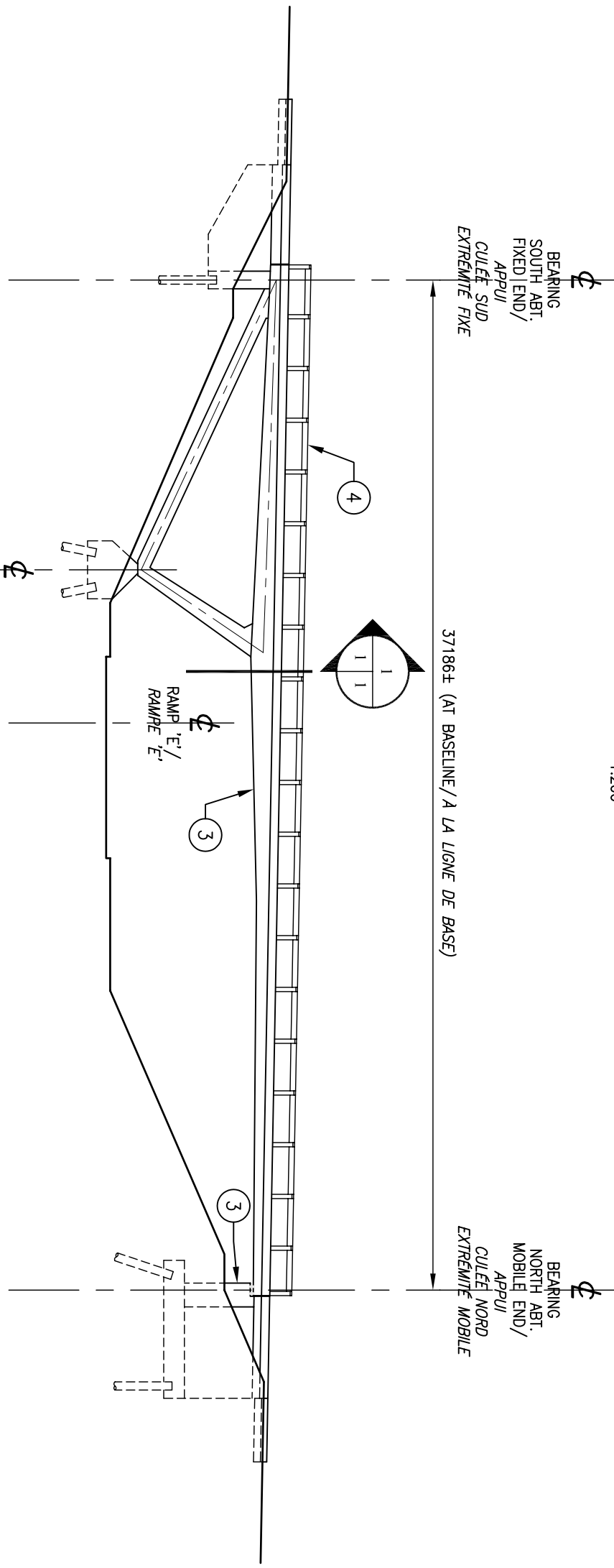
RAMP 'E' STRUCTURE
GENERAL ARRANGEMENT
MODIFIED
PONT D'ÉTAGEMENT RAMPE 'E'
PLAN D'ENSEMBLE
MODIFIÉ

approved by / approuvé par	P. LAMONTAGNE, P. Eng.
designed by / conçu par	P. LAMONTAGNE, P. Eng.
drawn by / dessiné par	M. AUGER
date / date	JANUARY 2005
NCC project no. / no. du projet de la CCN	RD 2208 28
sheet no. / no. de la feuille	014

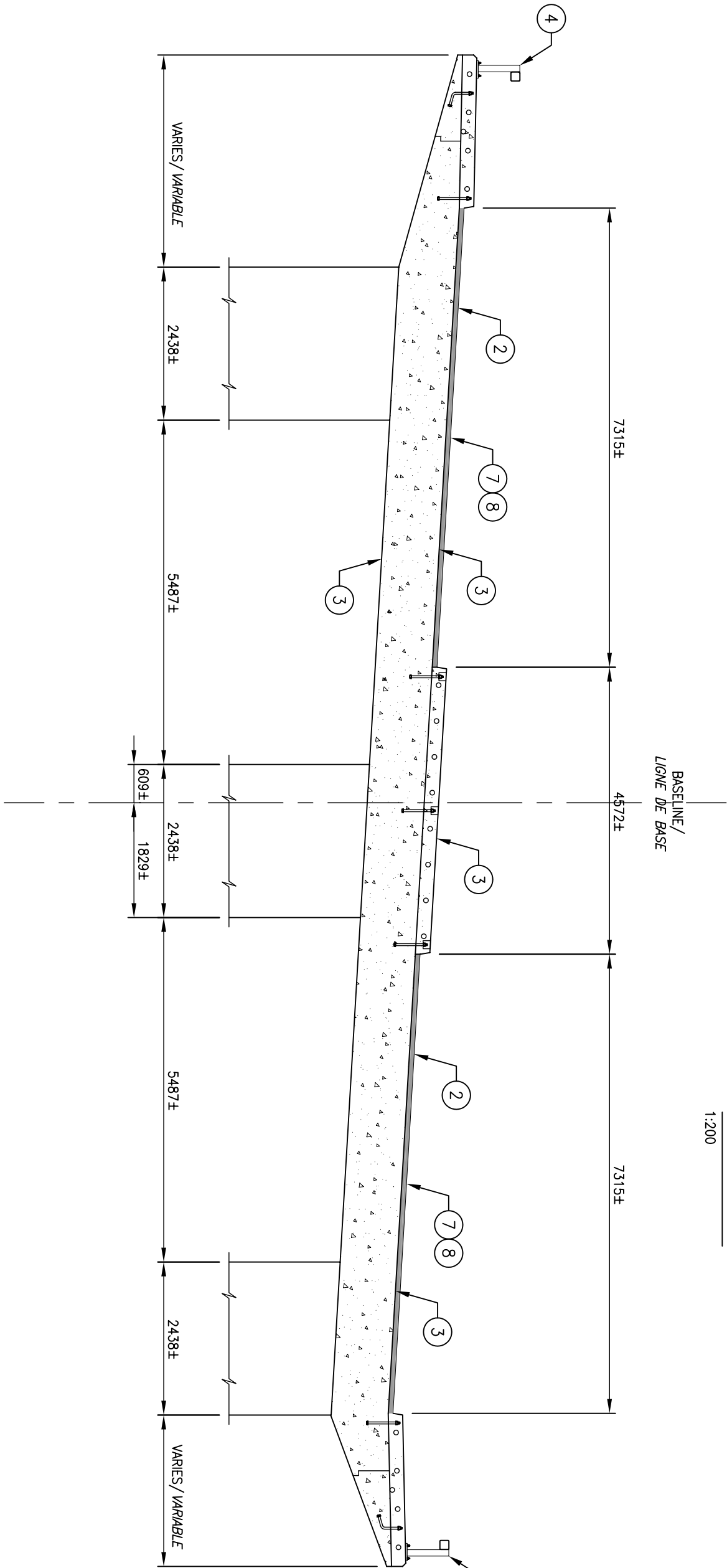
<p>NOTES :</p> <p>SPECIFICATIONS</p> <ol style="list-style-type: none">1. REFER TO CONTRACT DOCUMENTS2. ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS)3. CODE CAN/CSA S6-00 <p>CONSTRUCTION NOTES</p> <ol style="list-style-type: none">1. ANY DAMAGE TO EXISTING STRUCTURES DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AND AT NO EXTRA COST.	<p>NOTES :</p> <p>SPECIFICATIONS</p> <ol style="list-style-type: none">1. SE REFERER AUX DOCUMENTS CONTRACTUELS2. ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS)3. CODE CAN/CSA S6-00 <p>NOTES CONSTRUCTION</p> <ol style="list-style-type: none">1. TOUT DOMMAGES SUBIT AUX STRUCTURES EXISTANTES DURANT LA PERIODE DES TRAVAUX SERONT REPARÉS AUX FRAIS DE L'ENTREPRENEUR.
<p>GENERAL SCOPE OF STRUCTURAL WORK</p> <ol style="list-style-type: none">1 MOBILIZATION/DEMOLIBILIZATION AND TRAFFIC PROTECTION2 ASPHALT AND WATERPROOFING REMOVAL ON DECK3 CONCRETE REPAIRS ON CONCRETE APRON, MEDIAN AND ABUTMENTS (TYPICAL AREA SHOWN ON DRAWINGS)4 EXISTING BALINGS ON BRIDGE TO REMAIN AND REPAIRS REQUIRED PRODUCE NEW GROUTING TO UNDERSIDE OF BASE PLATES.5 REPLACE EXPANSION JOINTS IN APRON AND MEDIAN6 REPLACE SEALANT IN EXISTING JOINTS7 WATERPROOF AND PAVE DECK8 PAINT PAVEMENT MARKINGS	<p>ÉTENDUE DES TRAVAUX DE STRUCTURE</p> <ol style="list-style-type: none">1 MOBILISATION/DEMOLIBILISATION ET MAINTIEN DE LA CIRCULATION2 ENLEVEMENT DE L'ASPHALTE ET DE LA MEMBRANE D'ÉTANCHÉITÉ SUR LE TABLIER3 RÉPARATION DE BÉTON SUR LE TABLIER, MÉDIANE ET CULEES (AIRE TYPIQUE INDICUÉE AUX DESSINS)4 GLISSÈRES EXISTANTES À CONSERVER ET RÉPARER AU BESOIN, FAIRE NOUVEAU COULIS EN-DESSOUS DES PLACARDS DE BASES, REMPLACER LE JOINT D'EXPANSION DANS LE TABLIER ET LA MÉDIANE5 REMPLACER LE SCELLANT DANS LES JOINTS EXISTANTS6 REMPLACER LE MARQUAGE DE L'ASPHALTE ET ASPHALTER LE TABLIER7 PEINTURER LE MARQUAGE DE L'ASPHALTE

LEGEND	
ADD. TYP. : ADDITIONNEL	
CON. : CONTINU	
EXIST. : EXISTANT	
SM. : SIMILAR	
INV. : INVERSE	
UNO. : UNLESS NOTED OTHERWISE	
N.T.S. : NOT TO SCALE	
C/A : CONCRETE AEG	
T & B : TOP AND BOTTOM	
2-DIR. : TWO DIRECTIONS	
E.E. : EACH END	
E.W. : EACH WAY	
M.F. : MODIFIED PROTOR	

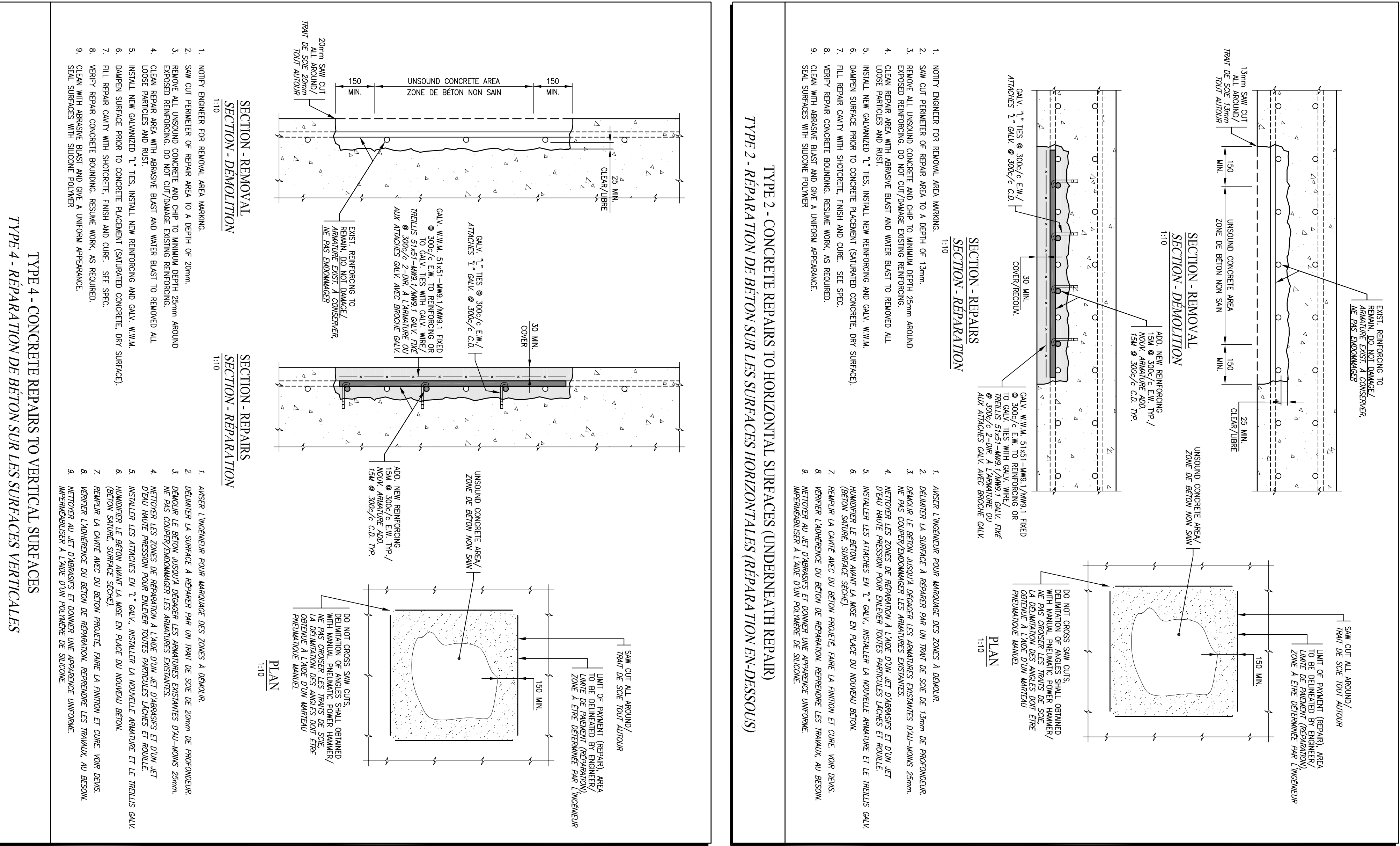
LÉGENDE	
ADD. TYP. : ADDITIONNEL	
CONT. : CONTINU	
EXIST. : EXISTANT	
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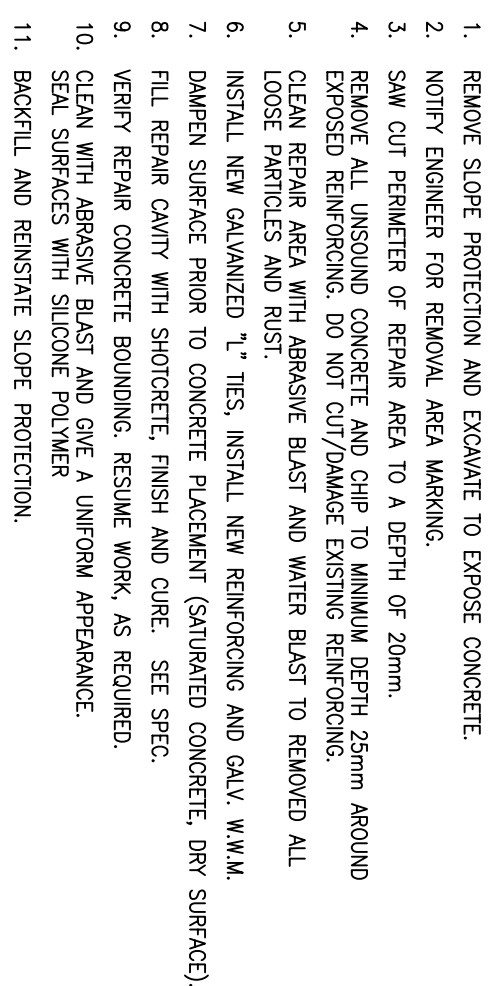


ELEVATION
1:200

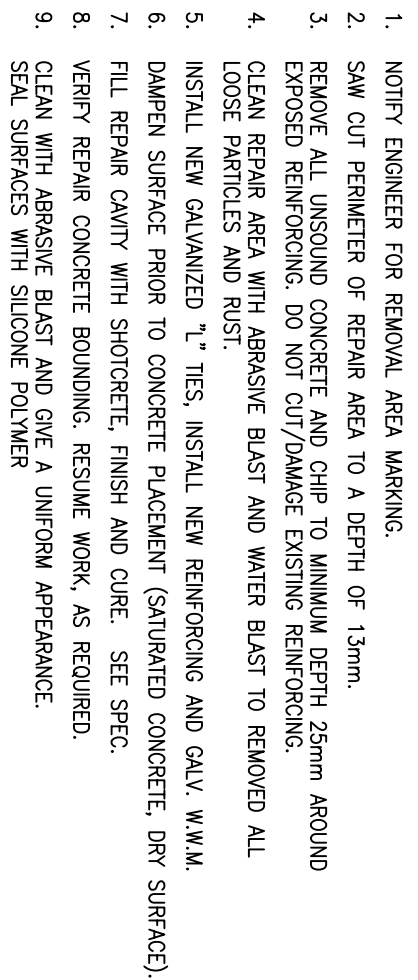


DECK SECTION /
SECTION DU TABLIER
1:75

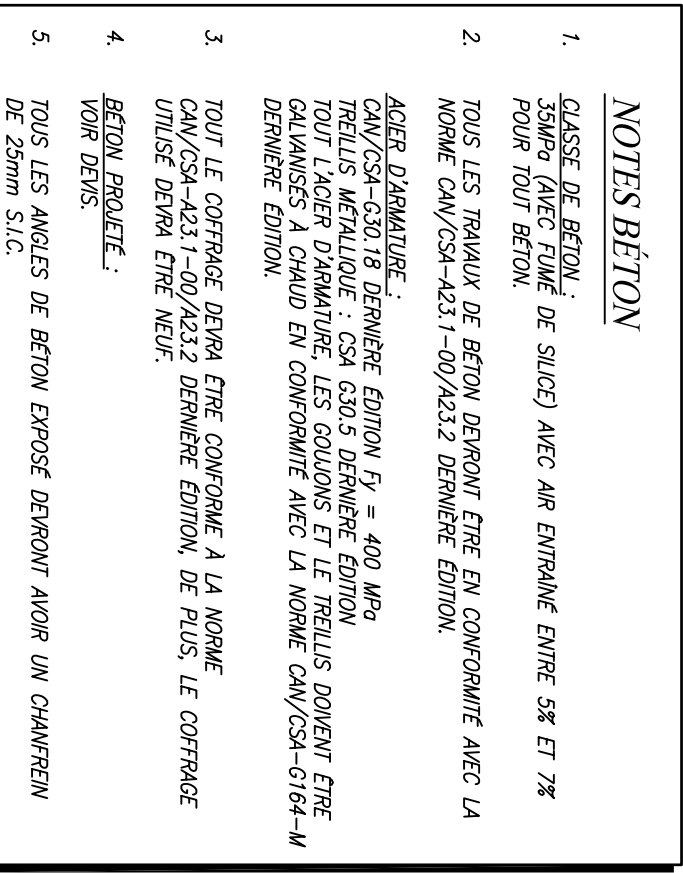
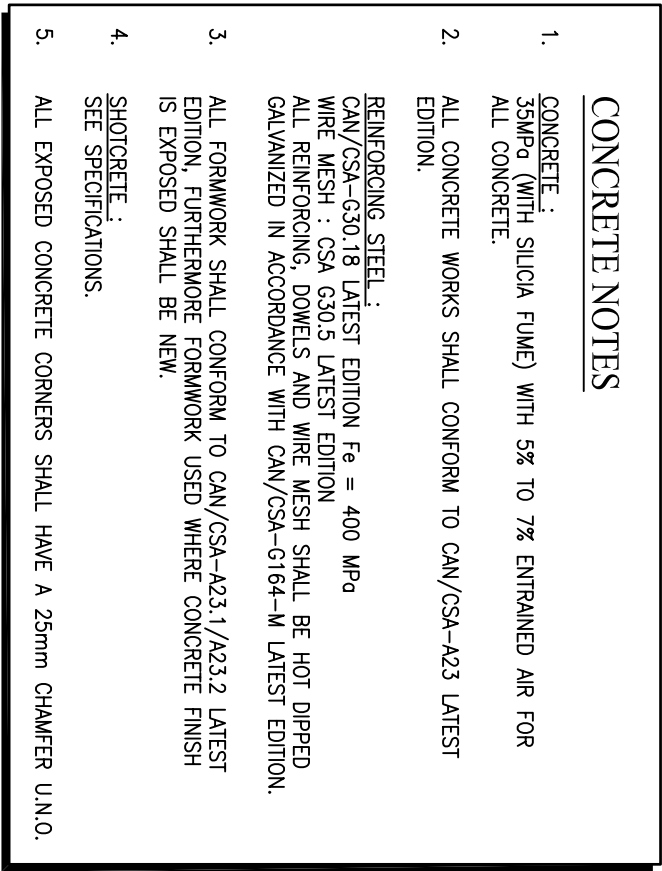




U MUR DE FRONT - PONT D'ÉTAGEMENT RAMPE ET



IN-DESSOUS AU PÉRIMÈTRE DU TABLIER - PONT DÉTAGEMENT RAMPE E

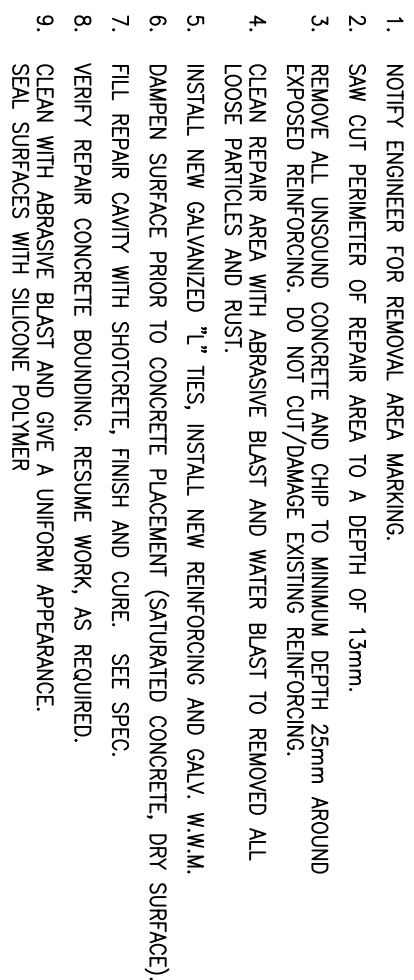
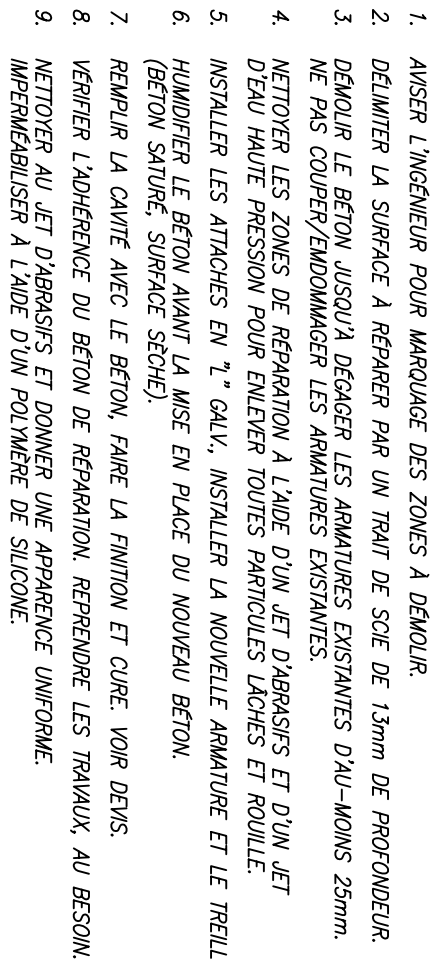
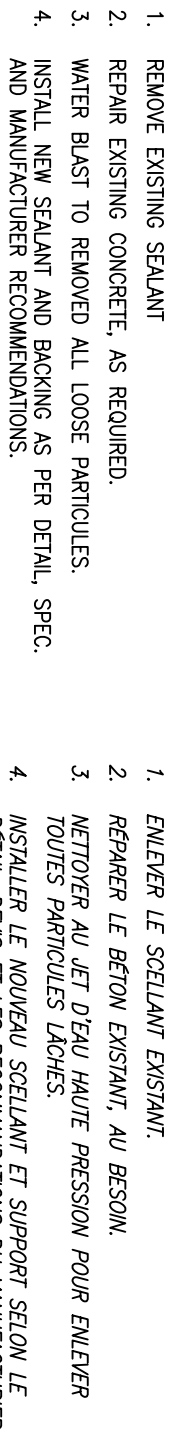


GENERAL NOTES

1. ALL DIMENSIONS ARE MILLIMETERS UNLESS NOTED OTHERWISE.
2. COORDINATE ALL WORK WITH THE CLIENT AND USERS. CONTRACTORS SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE SAFETY TO RESIDENTS, PUBLIC AND WORKERS IS MAINTAINED AT ALL TIMES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY AND THE TRAFFIC CONTROL DURING THE CONSTRUCTION PERIOD.
4. CONTRACTOR SHALL PROTECT TEMPORARY AND SECURE WORK AND STORAGE AREAS DURING THE CONSTRUCTION PERIOD.
5. HEALTH AND SAFETY RULES FOR CONSTRUCTION SITES AND OTHER APPLICABLE LAWS SHALL BE RESPECTED AT ALL TIMES.
6. DIMENSIONS AND DETAILS SHOWN ON THE DRAWINGS ARE TAKEN FROM THE UNIVERSITY ARCHITECTURAL RECORDS. CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING DIMENSIONS, DETAILS AND CONDITIONS ON SITE AND SHALL BE RESPONSIBLE FOR THESE, REPORT ANY DISCREPANCIES AND EXISTING DAMAGES TO ENGINEER PRIOR TO PROCEEDING WITH ANY WORK FOR INSTRUCTIONS.
7. THE SCOPE OF WORK IS SHOWN FOR GENERAL INFORMATION ONLY AND SHALL NOT BE CONSIDERED AS EXHAUSTIVE. THE ORDER DOES NOT NECESSARILY REPRESENT SEQUENCE OF OPERATION. THE ITEMS IN SCOPE OF WORK DO NOT REPRESENTS OWNERSHIP OF OR TO OTHER ITEMS.
8. EXISTING UTILITIES ARE NOT SHOWN. CONTRACTORS SHALL REQUEST AND PAY AS APPLICABLE, FOR LOCATES OF ANY UTILITIES (UNDERGROUND, OVERHEAD AND EMBEDDED).
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING OF NEW AND EXISTING CONCRETE STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOING CONSTRUCTION. PROPOSED STAINED ENGINEERING DRAWINGS.
10. CONTRACTOR IS RESPONSIBLE TO SORT OUT ALL WASTE. CONTRACTOR SHALL KEEP WORK AREAS CLEAN AND WITHOUT OBSTRUCTIONS IN ALL TIME.
11. ALL STRUCTURAL ELEMENTS AND SOIL SHALL BE PROTECTED AGAINST FREEZING AT ALL TIMES.
12. TAKE NOTE THAT THE EXISTING CONCRETE IS REINFORCED AND THAT THE REINFORCEMENT IS NOT TO BE REMOVED. CONTRACTOR SHALL PRESERVE THE EXISTING REBAR IN PLACE. THE EXISTING REBAR SHALL NOT BE CUT UPON APPROVAL OF THE ENGINEER.

Issued or revised émissions ou revu	
0	POUR TENDRE / POUR SOUMISSION
no.	description
	2006-03-31
	date

projet	OTTAWA RIVER PARKWAY REHABILITATION (PART D)
drawing dessin	CONCRETE REPAIR DETAIL (2/3)
DÉTAILS DE RÉPARATION DE BÉTON (2/3)	
approved by approuvé par	P. LAMONTAGNE, P. Eng.
designed by conçu par	P. LAMONTAGNE, P. Eng.
drawn by dessiné par	M. AUGER
date	JANUARY 2005
NCC project no. no. du projet de la CCN	sheet no. no. de la feuille
RD 2208 28	017
	IND.

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- | | |
|--|---|
| 1. REMOVE EXISTING ASPHALT, WATERPROOFING MEMBRANE AND FLASHING; | 1. ENLEVER LE PAVAGE EXISTANT, LA MEMBRANE D'ÉTANCHÉITÉ EXISTANTE ET LE SOLIN EXISTANT. |
| 2. REPAIR EXISTING CONCRETE, AS REQUIRED. | 2. RÉPARER LE BÉTON EXISTANT, SELON LE CAS. |
| 3. WATER BLAST TO REMOVED ALL LOOSE PARTICLES. | 3. NETTOYER À L'EAU HAUTE PRESSION POUR ENLEVER TOUTES PARTICULES DÉBRIS. |
| 4. INSTALL NEW WATERPROOFING MEMBRANE AS PER SPEC. AND | 4. INSTALLER LA NOUVELLE MEMBRANE D'ÉTANCHÉITÉ SELON LE CAS ET |
| RECOMMENDATIONS. | 5. LES RECOMMANDATIONS DU MANUFACTURER. |
| 5. INSTALL NEW FLASHING AS PER DETAIL, SPEC. AND MANUFACTURER | 5. INSTALLER LE NOUVEAU PAVAGE, D'APRÈS ET |
| 6. INSTALL NEW ASPHALT. | 6. RECOMMANDATIONS DU MANUFACTURER. |

NEW CHEMICAL ANCHORS / NOUVEAUX ANCHAGES CHIMIQUES

EXISTING GUIDE PILE TO REMAIN / CLASSEUR EXISTANT À CONSERVER

CONCRETE REPAIRS / RÉPARATION DE BÉTON

100

100

100

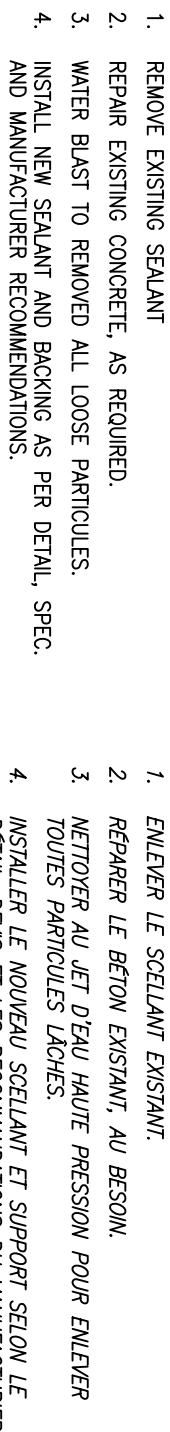
NON-SHINK GROUT AT 10 PRESS COULIS SANS RETRAIT À 10 POTLUX

CONCRETE REPAIRS / RÉPARATION DE BÉTON

100

100

- | (8) CONCRETE REPAIR LOCATIONS
(8) RÉPARATIONS DE BÉTON | (8) CONCRETE REPAIR LOCATIONS
(8) RÉPARATIONS DE BÉTON |
|---|--|
| C.R. SECTION | RAMP'E SECTION |
| 1:20 | 1:20 |
| | 1. ENLEVER LE POUEUX EXISTANT (S) REOULS ET LE BÉTON DÉLAMINÉ.
2. RÉPARER LE BÉTON EXISTANT, AU BESOIN.
3. RE-INSTALLER LES POUEUX AVEC DE NOUVEAUX ANCHAGES CHIMIQUES.
4. MATTRE DU COULIS SANS RETRAIT EN-Dessous DES PLAQUES DE BUSES DES POUEUX DES CLOUSTERS, AU BESOIN. |

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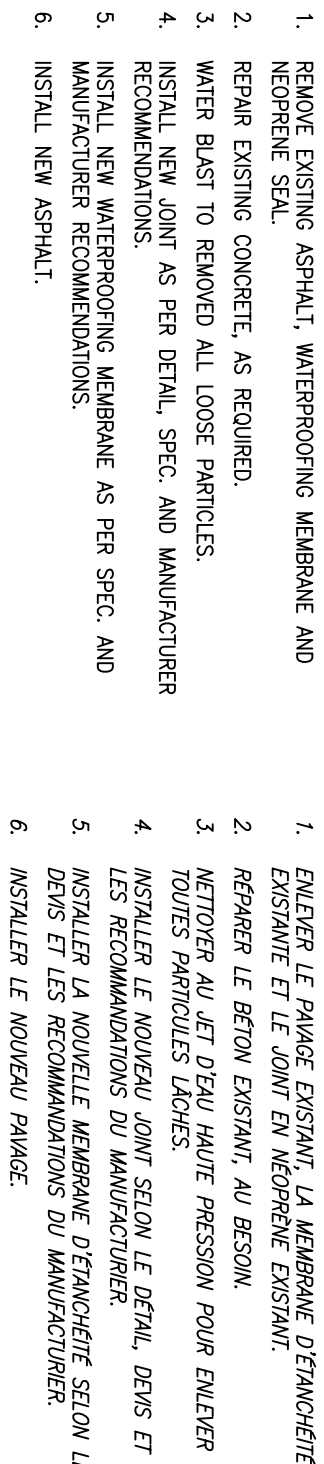
- CARP OVERPASS / POINT D'ATTACHEMENT CARPE "E"
- 2 POSTS: ONE AT EACH END ON THE SOUTH SIDE OF THE BRIDGE / - 2 POUTÈQUES, UNE À CHAQUE EXTRÉMITÉ DU CÔTÉ SUD DU PONT (300mm LONG x 100mm x 100mm)
- 6 LOCATIONS BETWEEN POSTS (500mm LONG x 100mm x 100mm)
- 6 ENDORNS ENTRE LES POUTÈQUES (500mm LONG x 100mm x 100mm)

RAMP "E" OVERPASS / POINT D'ATTACHEMENT RAMP "E"

- 2 POSTS ON THE BRIDGE (300mm LONG x 100mm x 100mm) / - 2 POUTÈQUES SUR LE PONT (300mm LONG x 100mm x 100mm)
- 2 POUTÈQUES SIDE LE PONT (300mm LONG x 100mm x 100mm)
- 6 LOCATIONS BETWEEN POSTS (500mm LONG x 100mm x 100mm) / - 6 ENDORNS ENTRE LES POUTÈQUES (500mm LONG x 100mm x 100mm)

1. REMOVE EXISTING POST (IF REQUIRED) AND ALL UNSOUND CONCRETE.
2. REPAIR EXISTING CONCRETE, AS REQUIRED.
3. RE-INSTALL POST WITH NEW CHEMICAL ANCHORS.
4. GROUT INTERSPACE OF POSTS. BASE PLATES AS REQUIRED.
5. WITH NON-SHRINKING GROUT.

- | | |
|--|--|
| 1. ENLEVER LE POUTOU EXISTANT (SI BECQUET) ET LE BÉTON DÉLAQUÉ. | 4. MANUFACTURER RECOMMANDATIONS. |
| 2. RÉPARER LE BÉTON EXISTANT, AU BECQUET. | 5. INSTALL WATERPROOFING MEMBRANE AS PER SPEC. AND |
| 3. RÉ-INSTALLER LES POUTIQUES AVEC DE NOUVEAUX ANCRAGES CHIMIQUES. | MANUFACTURER RECOMMENDATIONS. |
| 4. METTRE DU COULIS SANS RETRAIT EN-DESSOUS DES PLAQUES | 6. INSTALL NEW ASPHALT. |
| DE BÂSES DES POUTIQUES DES CUSSETTES, AU BECQUET. | 6. |



148x105mm SIKAFLEX 2C SL SEALANT
INSTALL BAKING ROD AS REQUIRED /
SEALANT SIKAFLEX 2C SL 148x105mm
c/w APPRET SIKAFLEX 202
INSTALLER BOUNIN DE SOUTIEN AU BESSON

EXIST. 25mm FLEXCEL

250x50mm SIKAFLEX 2C NS EZ MIX SEALANT
c/w SIKAFLEX 202 PRIMER
INSTALL BAKING ROD AS REQUIRED /
SEALANT SIKAFLEX 202
c/w APPRET SIKAFLEX 202
INSTALLER BOUNIN DE SOUTIEN AU BESSON

EXIST. SEALANT TO REMOVED /
SEALANT EXIST. A ENLEVER

ALIGNMENT WALL /
MUR DE FRONT

NEW 25mm RIGID INSULATION /
MOULÉ ISOLANT PROBE 250mm

SECTION

1/20



ANIROCK SOPREMA MBR/ANIR
MÉMBRANE SOPREMA ANIROCK
2/0 APPÊT ANIROCK EMULSION

300 MIN.
TYP.

23x23mm ANIROCK SEALANT

APPROACH SLAB /
PAVÉ DE TRANSITION

DECK SLAB /
DALTE DE BÉTON

SECTION
1:10

- | | |
|--|---|
| 1. REMOVE EXISTING SEALANT | 1. ENLEVER LE SEALANT EXISTANT. |
| 2. REPAIR EXISTING CONCRETE, AS REQUIRED. | 2. REPARER LE BÉTON EXISTANT, AU BÉSON. |
| 3. WATER BLAST TO REMOVED ALL LOOSE PARTICLES. | 3. NETTOYER AU JET D'EAU HAUTE PRESSION POUR ENLEVER TOUS LES PARTICULES DÈCHES. |
| 4. INSTALL NEW SEALANT AS PER DETAIL SPEC. AND MANUFACTURER RECOMMENDATIONS. | 4. INSTALLER LE NOUVEAU SEALANT SELON LE DETAIL, D'APRÈS LES RECOMMANDATIONS DU MANUFACTURER. |
| 5. MANUFACTURER RECOMMENDATIONS. | 5. INSTALLER LA NOUVELLE MARGÈRE D'ÉTANCHÉITÉ SELON DES ET LES RECOMMANDATIONS DU MANUFACTURER. |
| 6. INSTALL NEW ASPHALT. | 6. INSTALLER LE NOUVEAU PAVAGE. |



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