

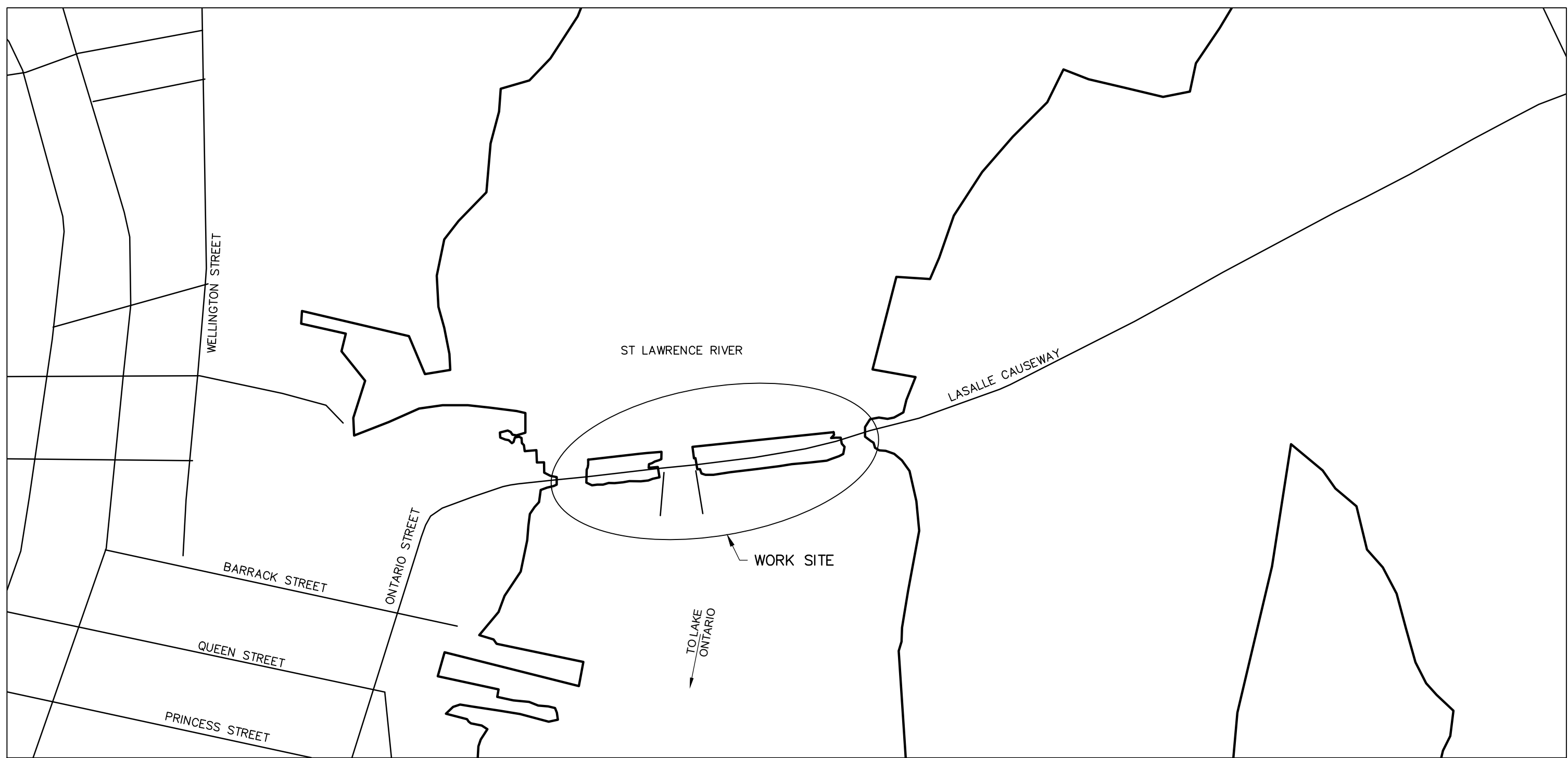


Public Works and  
Government Services  
Canada

Architectural and  
Engineering Services

Ontario Region

# LASALLE CAUSEWAY KINGSTON, ONTARIO



SITE PLAN

LSC CONCRETE REPAIRS

PWGSC Proj. No.: R.101343.040

Canada

LIST OF DRAWINGS

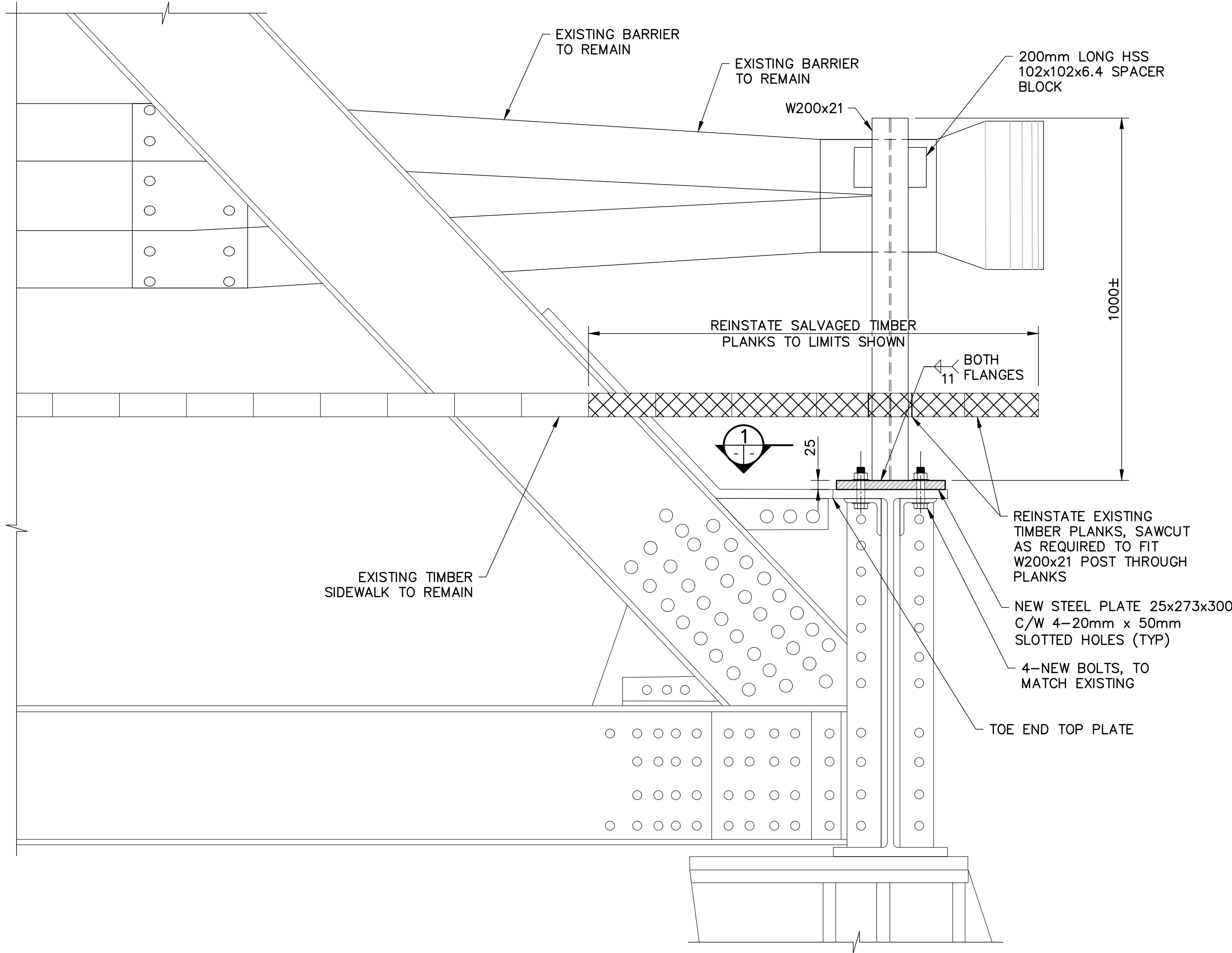
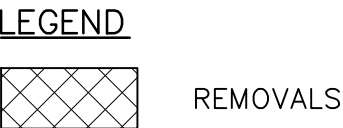
- CIVIL
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  - C02 TRAFFIC CONTROL PLAN II
  - C03 TRAFFIC CONTROL PLAN III
  - C04 CONSTRUCTION STAGING AREA
  - C05 ALIGNMENT DETAILS
  - C06 REMOVALS
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  - S14 WEST WHARF RETAINING WALL REMOVALS
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  - S16 EAST BRIDGE SOUTH SIDEWALK REPAIRS
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  - S18 STANDARD DETAILS
  - S19 WEST WHARF ASPHALT PATCH REPAIRS





- NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DWG S01 AND S02.
  2. POSTS AND PLATES SHALL BE GRADE 350WT, HOLLOW STRUCTURAL SECTIONS SHALL BE SUPPLIED IN ACCORDANCE WITH CSA-G40.20-04/G40.21-04 (R2009) GRADE 350W, CLASS H.



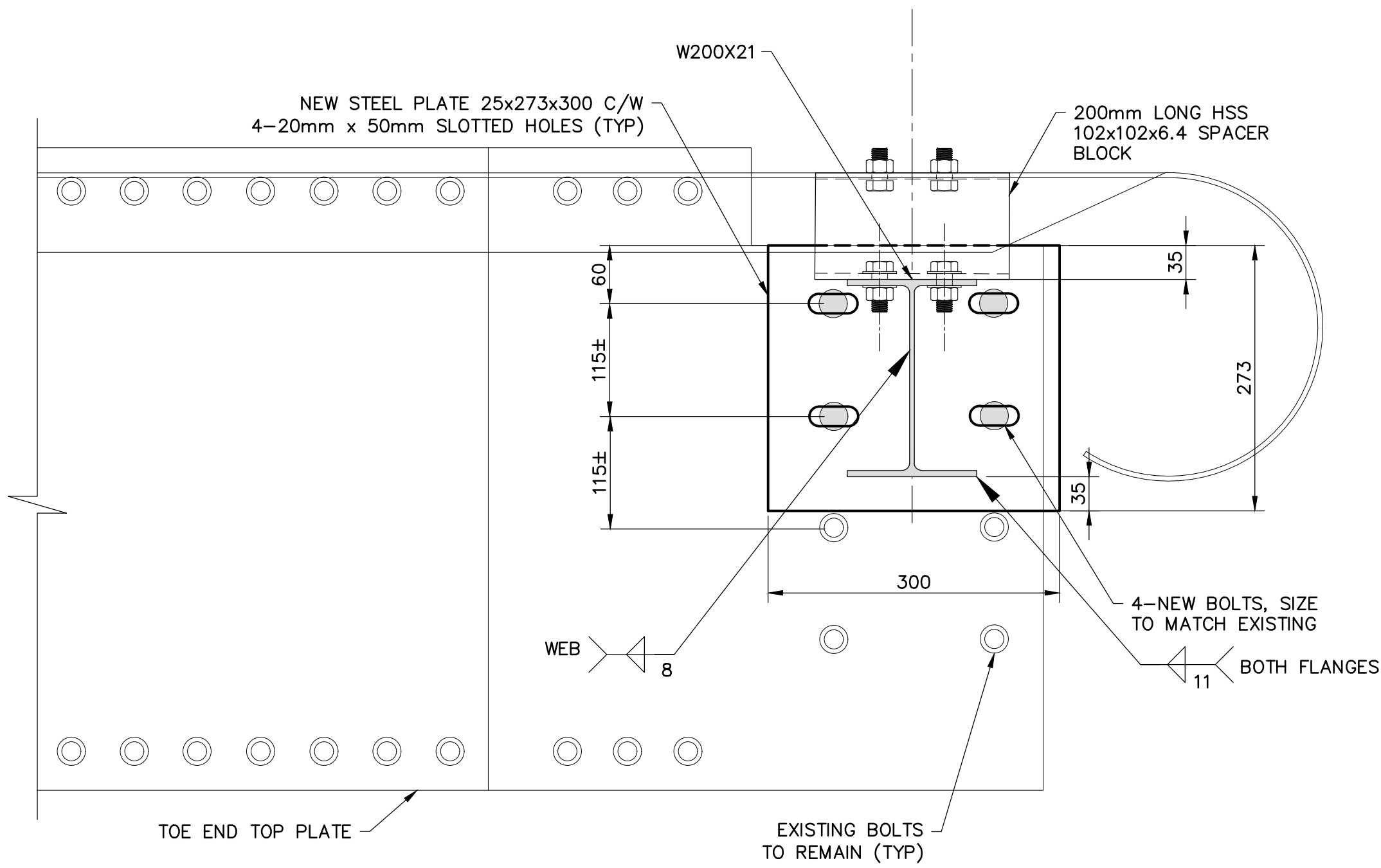
**SOUTHEAST BARRIER POST – REPLACEMENT**

1:10



**SOUTHEAST BARRIER POST – REMOVALS**

N.T.S



SECTION 1  
SCALE 1:10

1	ISSUED FOR BID SUBMISSION	21/09/10
revision	description	date
Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.		

A	Detail No.
B	drawing no. – where detail required
C	drawing no. – where detailed

project title	Ontario
KINGSTON	
PWGSC	
LaSalle Causeway	

**LSC CONCRETE REPAIRS**

drawing title	
ROADSIDE BARRIER POST REPLACEMENT DETAILS	

drawn by	VINCE GUO
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designed by	VINCE GUO
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approved by	J. GOLZARI
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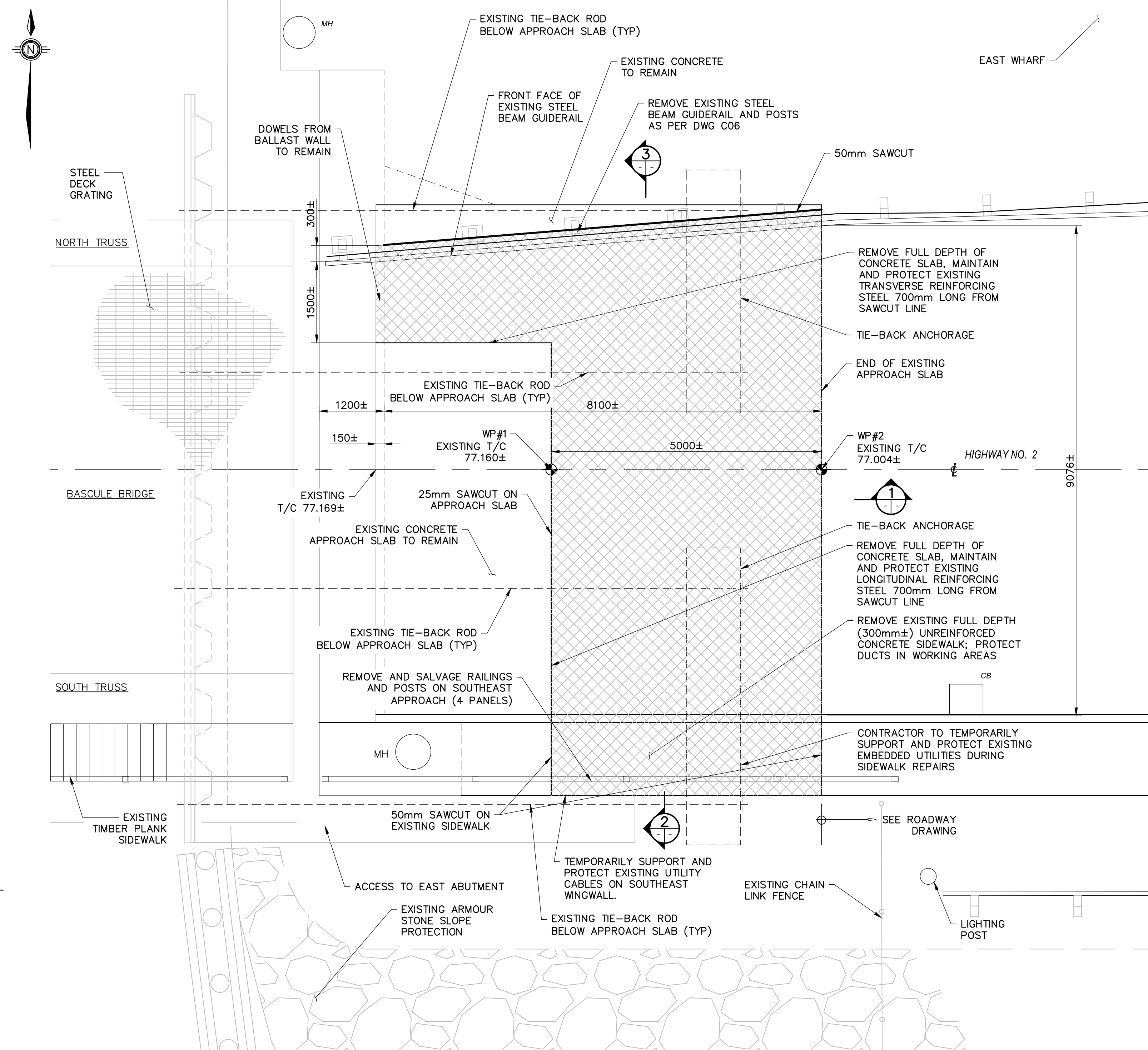
bid	ELISABETH OHI
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project date	2021/09/10
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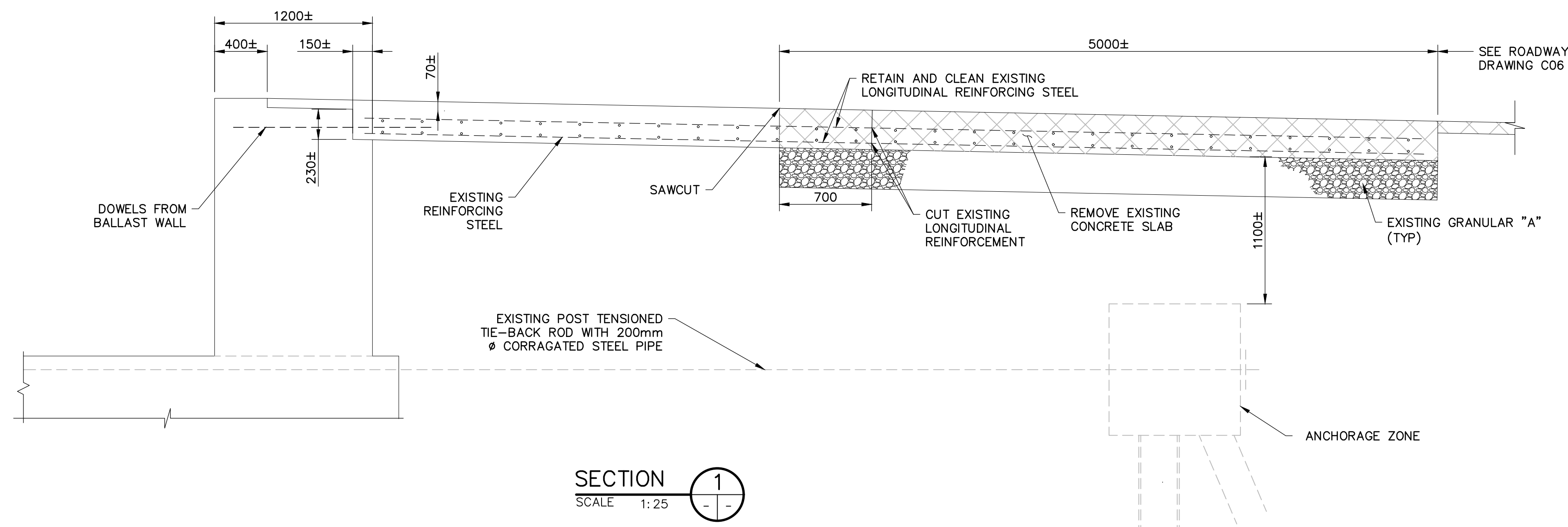
project no.	R.101343.040
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drawing no.	S06
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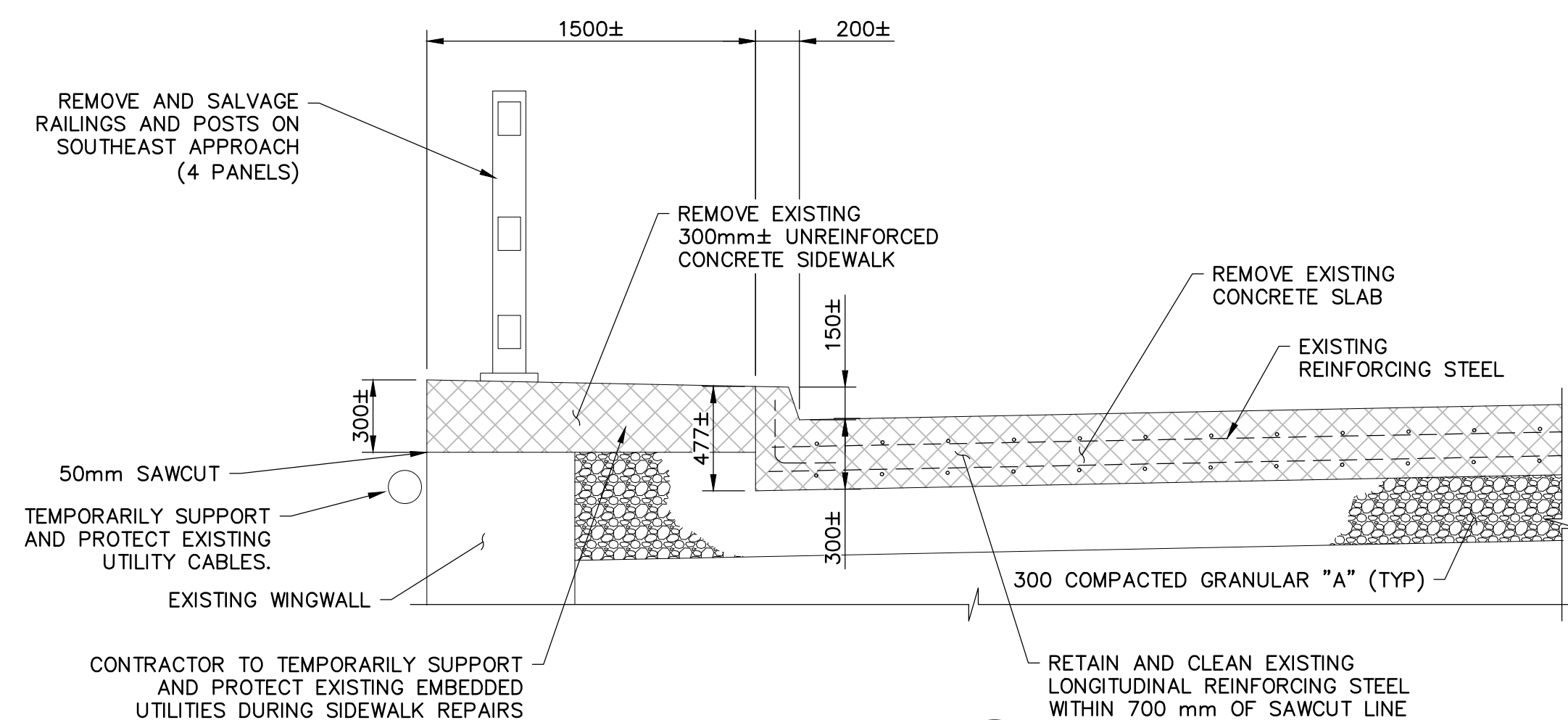




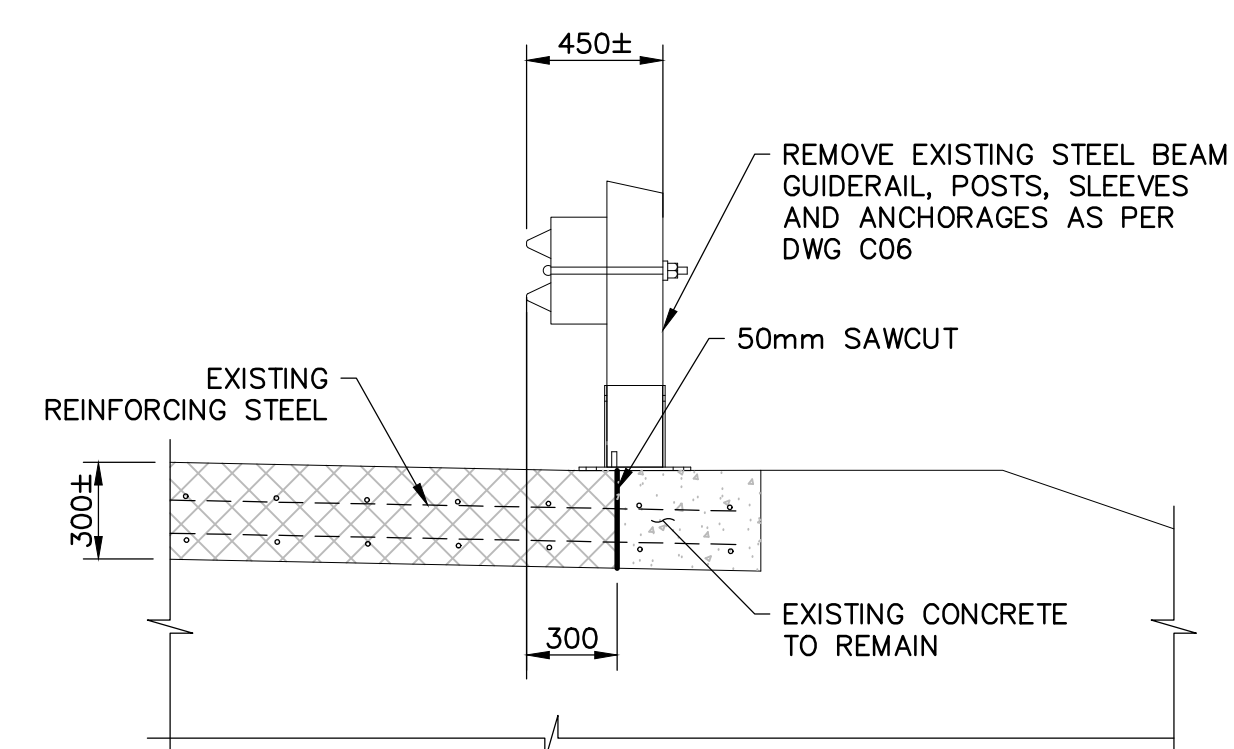
**PLAN**  
SCALE 1:50



**SECTION 1**  
SCALE 1:25



**SECTION 2**  
SCALE 1:25



**SECTION 3**  
SCALE 1:25

**NOTES:**

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING C06, S01, S06 AND S08.
- ABRASIVE BLAST CLEAN ALL REINFORCING STEEL THAT IS TO BE RETAINED.
- CONTRACTOR SHALL EXERCISE EXTREME CARE DURING REMOVAL OF CONCRETE AND GRANULAR FILL ON APPROACH TO PREVENT DAMAGE TO EXISTING TIE-BACK RODS AND ANCHORAGES.
- REMOVAL OF GRANULAR FILL AT THE APPROACH SHALL BE AS DIRECTED ON SITE BY THE DEPARTMENTAL REPRESENTATIVE.
- THE CONTRACTOR SHALL SURVEY THE EXISTING CONDITIONS TO OBTAIN ACCURATE STRUCTURE MEASUREMENTS, ELEVATIONS AND GRADES.
- LIMIT OF ALL REMOVALS SHALL BE SAWCUT.
- EXISTING STRUCTURE AND REINFORCING STEEL DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE.
- EXISTING EMBEDDED UTILITY DUCTS IN SIDEWALKS MAY CONTAIN ASBESTOS. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS DURING CONCRETE REMOVALS.
- SIGNIFICANT CARE SHALL BE TAKEN BY THE CONTRACTOR DURING REMOVAL OF CONCRETE ABOVE UTILITY DUCTS. CONCRETE REMOVAL EQUIPMENT SHALL LIMITED TO CHIPPING HAMMERS (i.e. NO JACKHAMMERS) AND HAND TOOLS.
- EXISTING STRUCTURE DETAILS, ELEVATIONS AND DIMENSIONS SHOWN ARE APPROXIMATE ONLY AND BASED ON THE AVAILABLE REFERENCE DRAWINGS, AND MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONCRETE REMOVAL.

**LEGEND**

- REMOVALS
- EXISTING CONCRETE
- GRANULAR "A"

1 ISSUED FOR BID SUBMISSION 21/09/10

revision description date

Do not scale drawings.  
Verify all dimensions and conditions on site and immediately  
notify the departmental representative of all discrepancies.

- A Detail No.
- B drawing no. - where detail required
- C drawing no. - where detailed

project title  
**KINGSTON** Ontario  
PWGSC  
LaSalle Causeway

**LSC CONCRETE REPAIRS**

drawing title  
**BASCULE BRIDGE EAST  
APPROACH SLAB REMOVALS**

drawn by  
VINCE GUO

designed by  
VINCE GUO

approved by  
J. GOLZARI

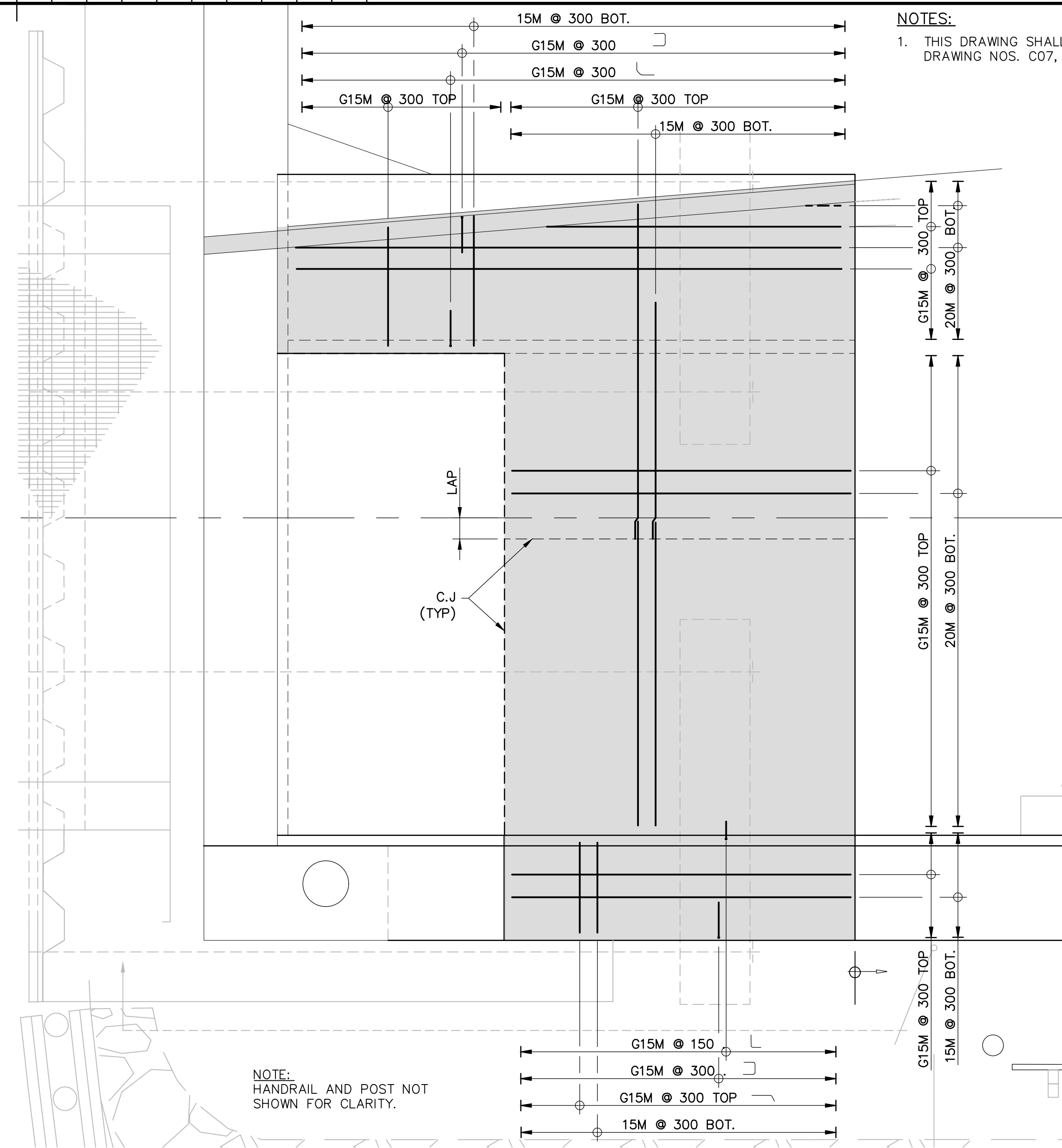
bid project manager  
ELISABETH OHI

project date  
2021/09/10

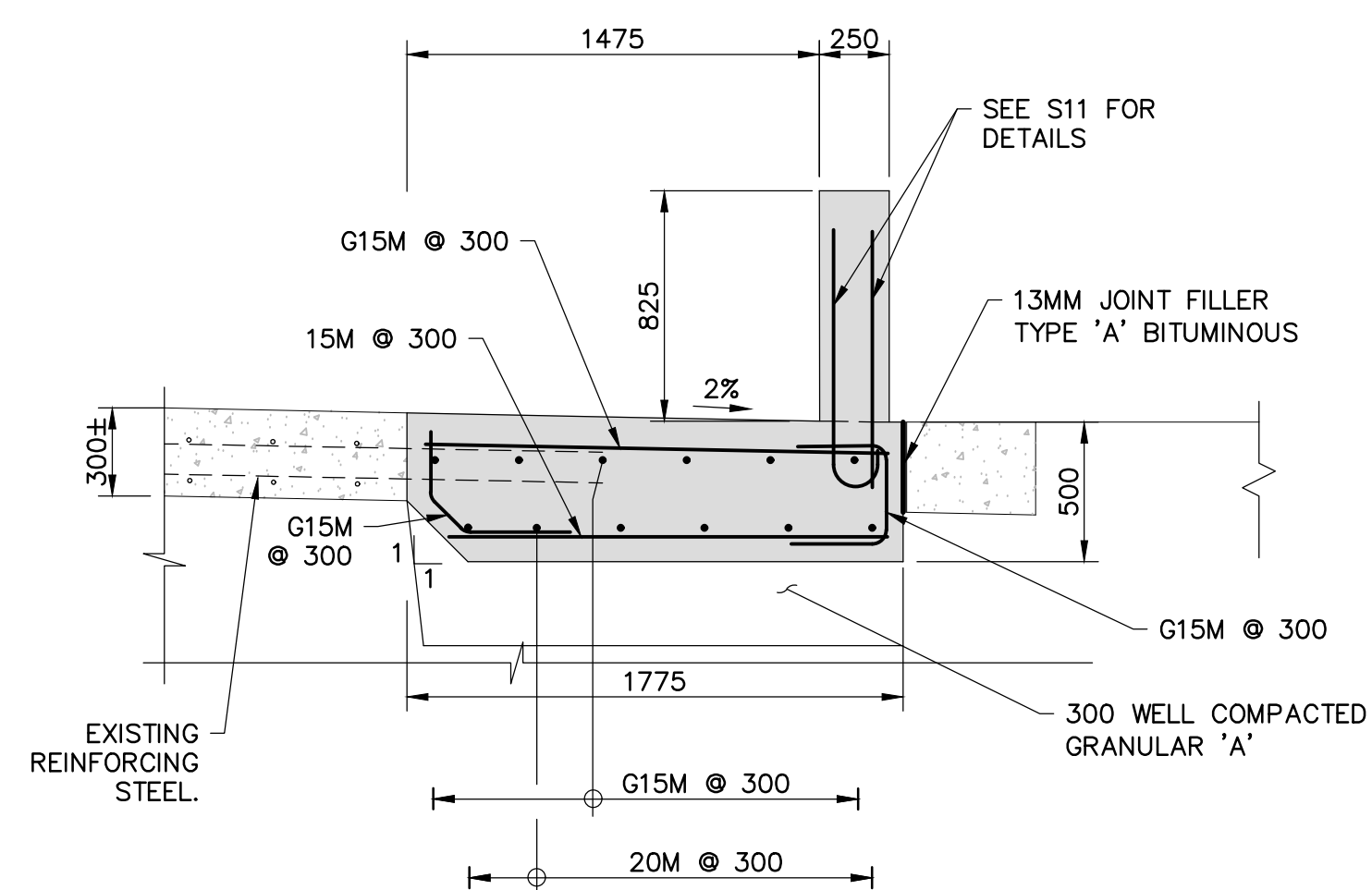
project no.  
R.101343.040

drawing no.  
S07





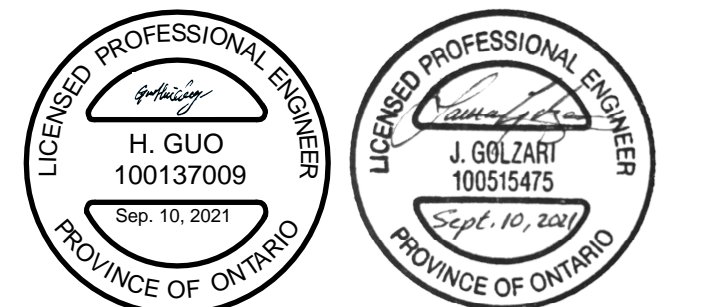
PLAN REINFORCEMENT







SECTION 3  
SCALE 1:25

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. C07, S01, S02, S06 AND S11.




**LEGEND**

	NEW ASPHALT
	EXISTING CONCRETE
	NEW CONCRETE
	GRANULAR "A"

1	ISSUED FOR BID SUBMISSION	21/09/10
division	description	date

Do not scale drawings.  
Verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.


 A Detail No.  
 B drawing no. — where detail required  
 C drawing no. — where detailed

project title  
KINGSTON  
PWGSC  
LaSalle Causeway  
Ontario

## SC CONCRETE REPAIRS

BASCULE BRIDGE EAST  
APPROACH SLAB REPAIRS

rawn by  
VINCE GLIO

VINCE GUO

J. GOLZARI

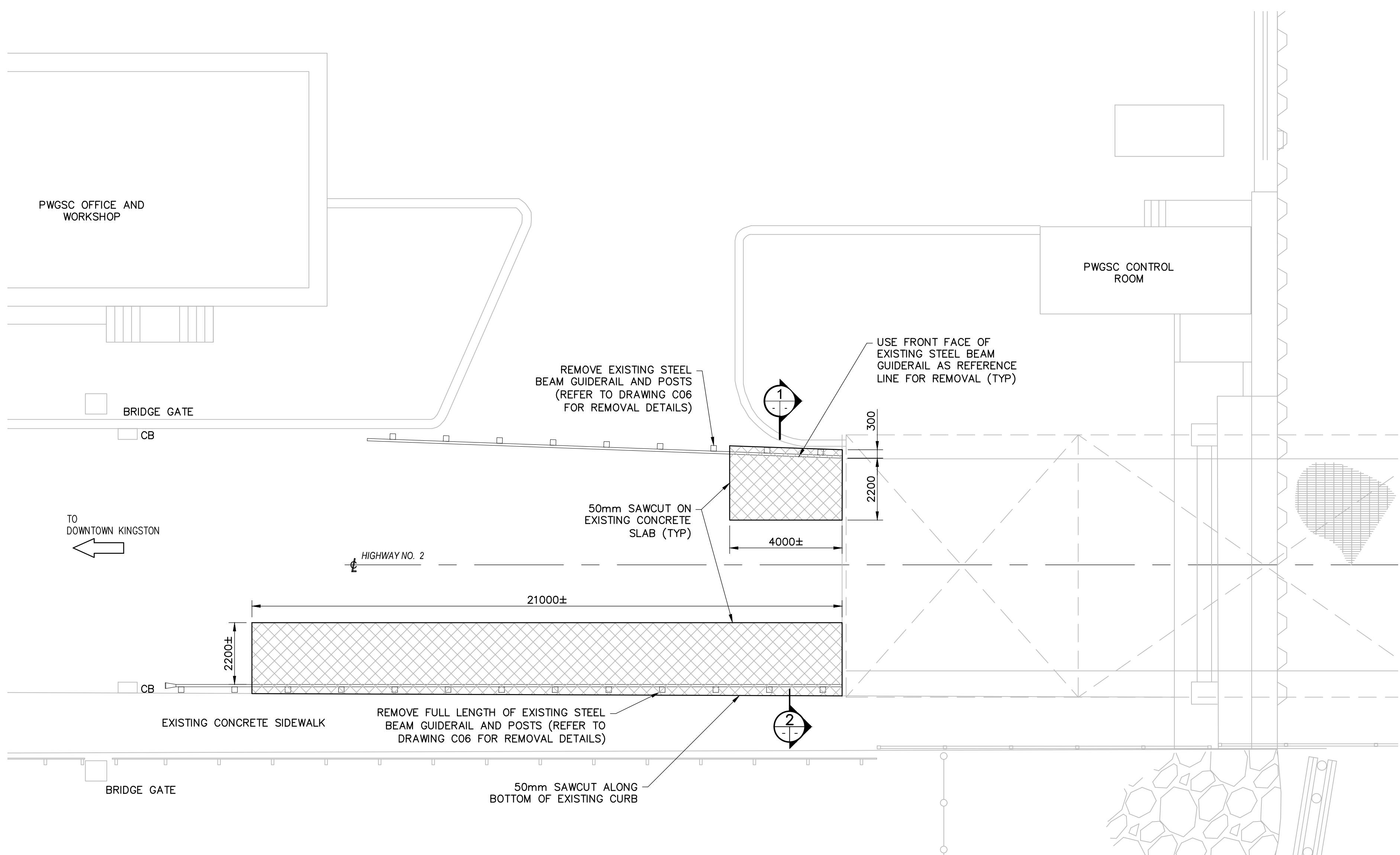
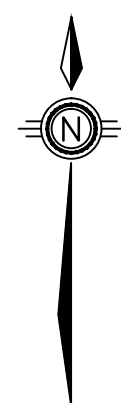
ELISABETH OHI

project date 2021/09/10

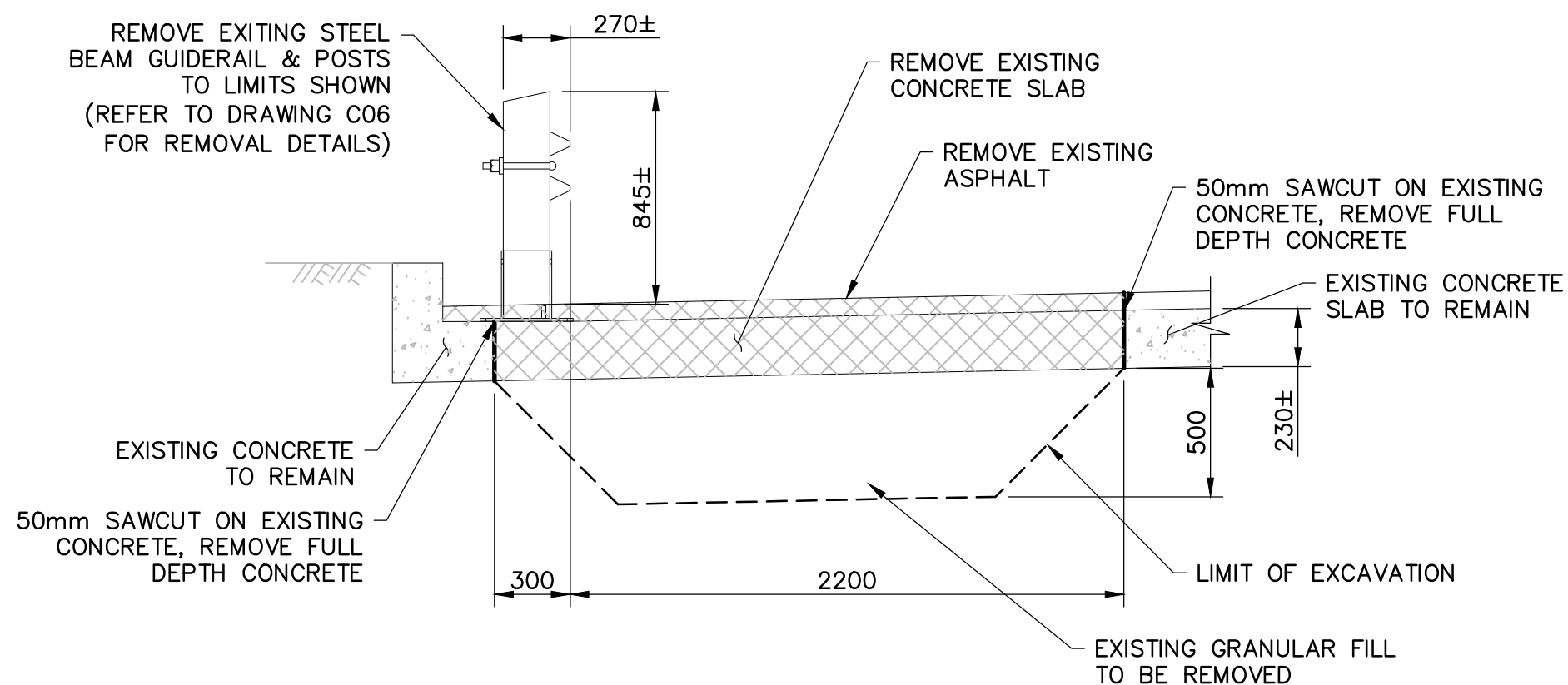
project no. R.101343.040

Drawing no.

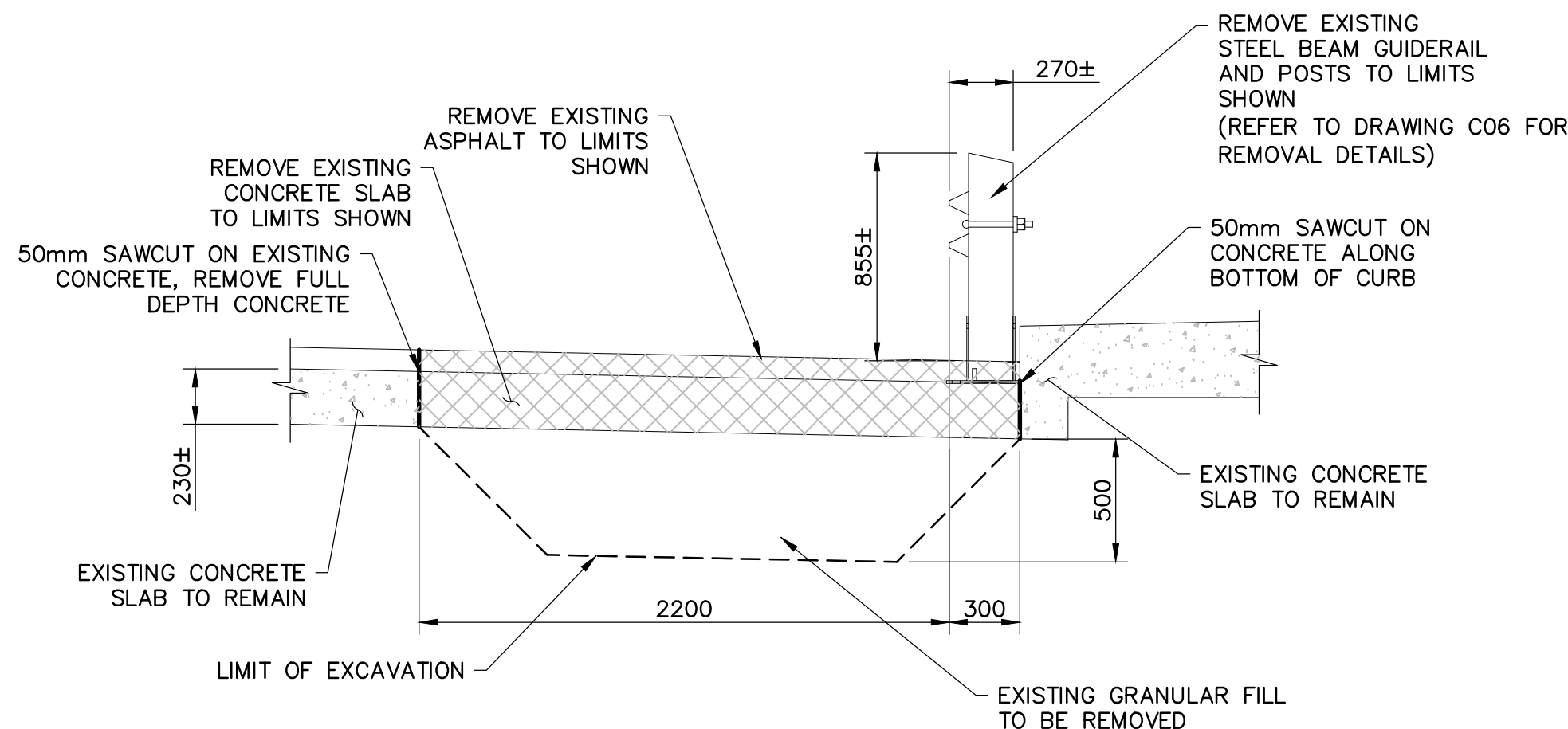




PLAN  
1:100



SECTION 1  
SCALE 1:25



SECTION 2  
SCALE 1:25

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DWG NOS. C06, S01, AND S02.
2. SIGNIFICANT CARE SHALL BE TAKEN BY THE CONTRACTOR DURING REMOVAL OF CONCRETE ABOVE UTILITY DUCTS. CONCRETE REMOVAL EQUIPMENT SHALL BE LIMITED TO CHIPPING HAMMERS (i.e. NO JACKHAMMERS) AND HAND TOOLS.



CONCRETE SLAB -REMOVALS  
N.T.S.



LEGEND

- REMOVALS
- EXISTING CONCRETE

1 ISSUED FOR BID SUBMISSION 21/09/10

Do not scale drawings.  
Verify all dimensions and conditions on site and immediately  
notify the departmental representative of all discrepancies.

- A Detail No.
- B drawing no. - where detail required
- C drawing no. - where detailed

project title  
**KINGSTON** Ontario  
PWGSC  
LaSalle Causeway

LSC CONCRETE REPAIRS

BASCULE BRIDGE  
WEST APPROACH REMOVALS

drawn by  
VINCE GUO

designed by  
VINCE GUO

approved by  
J. GOLZARI

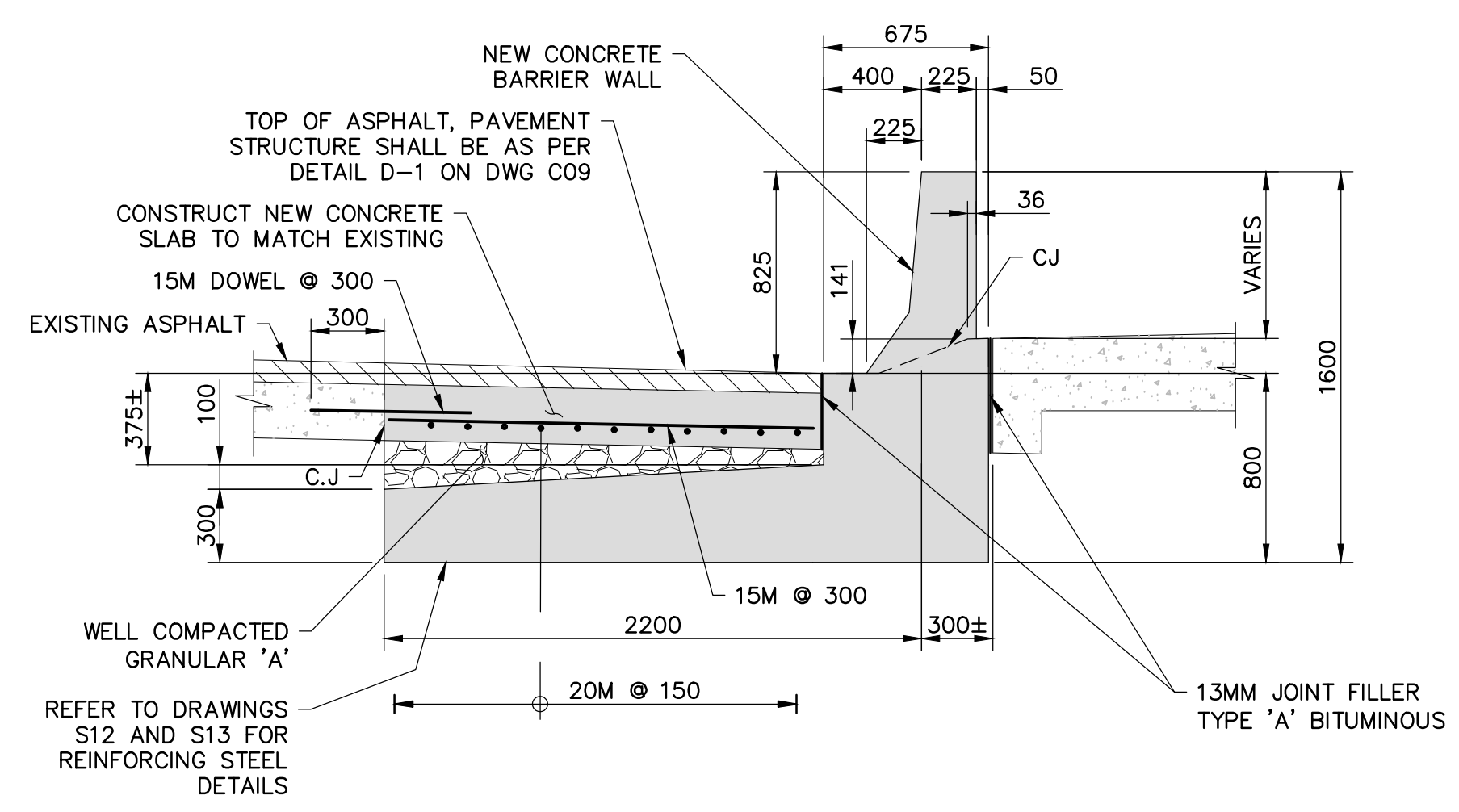
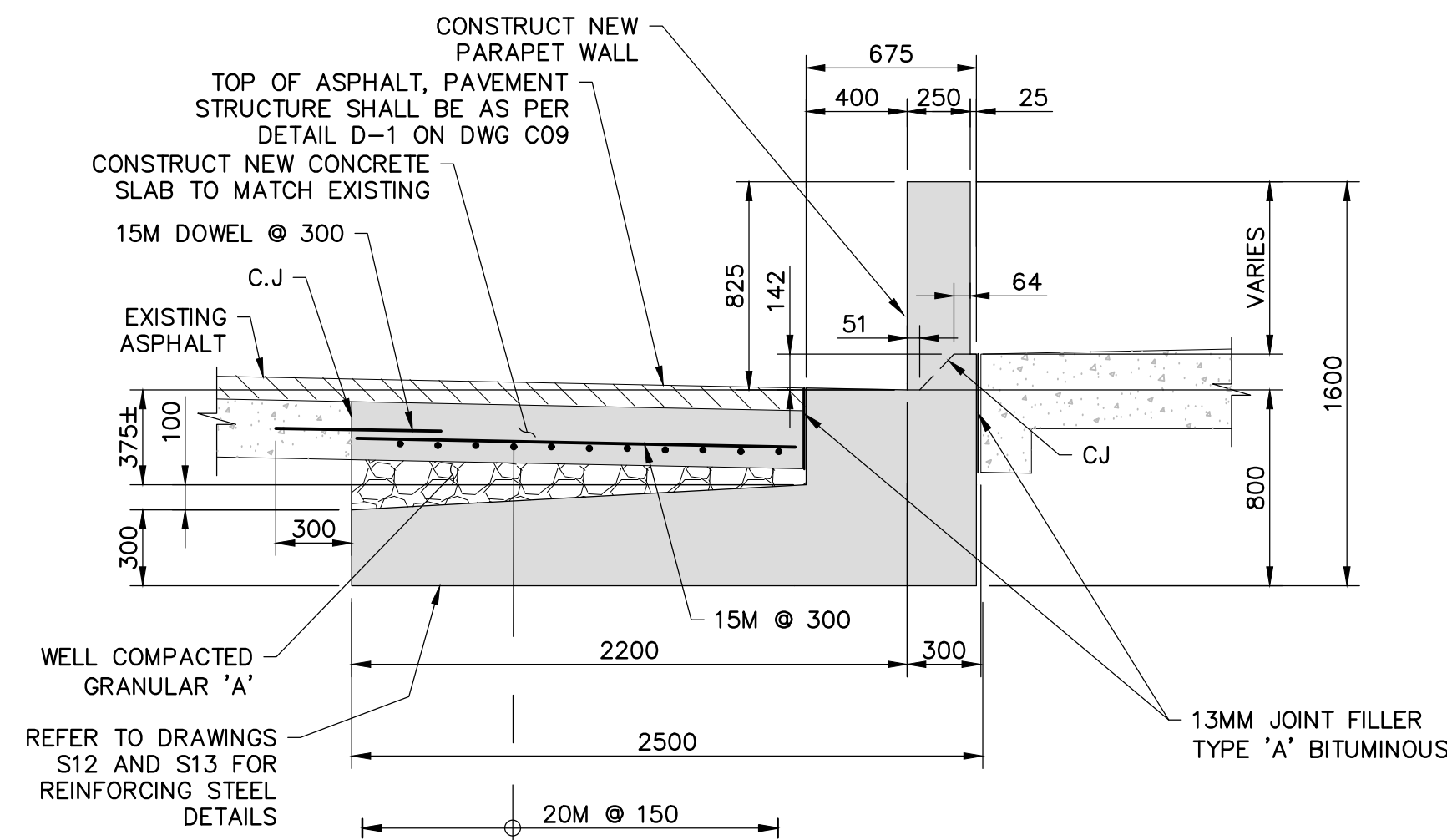
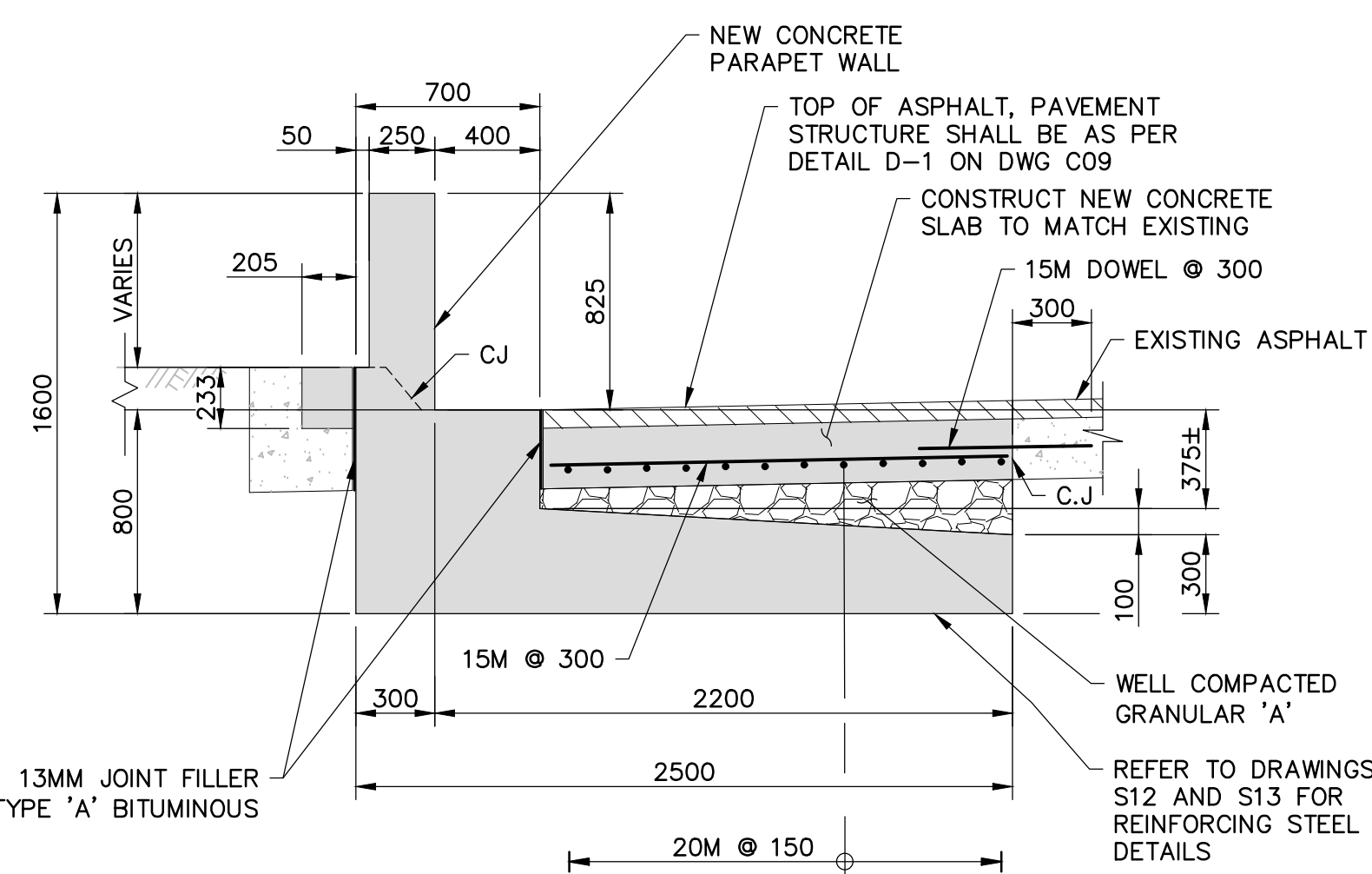
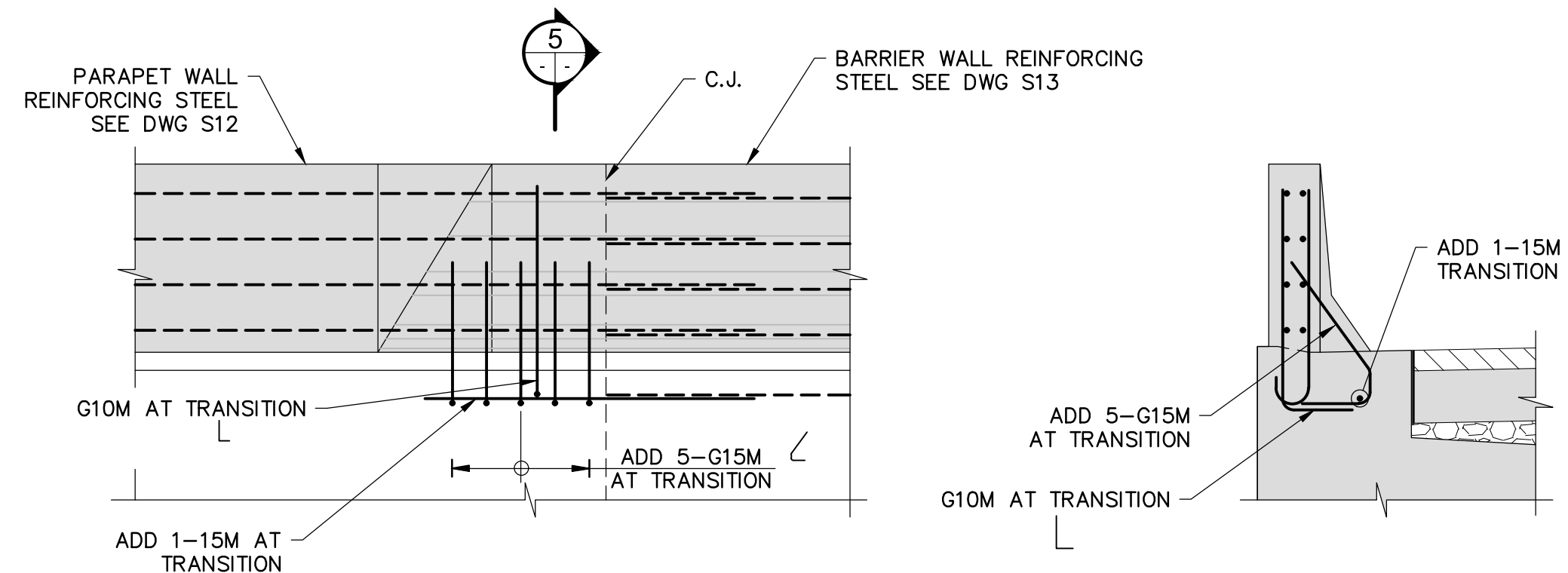
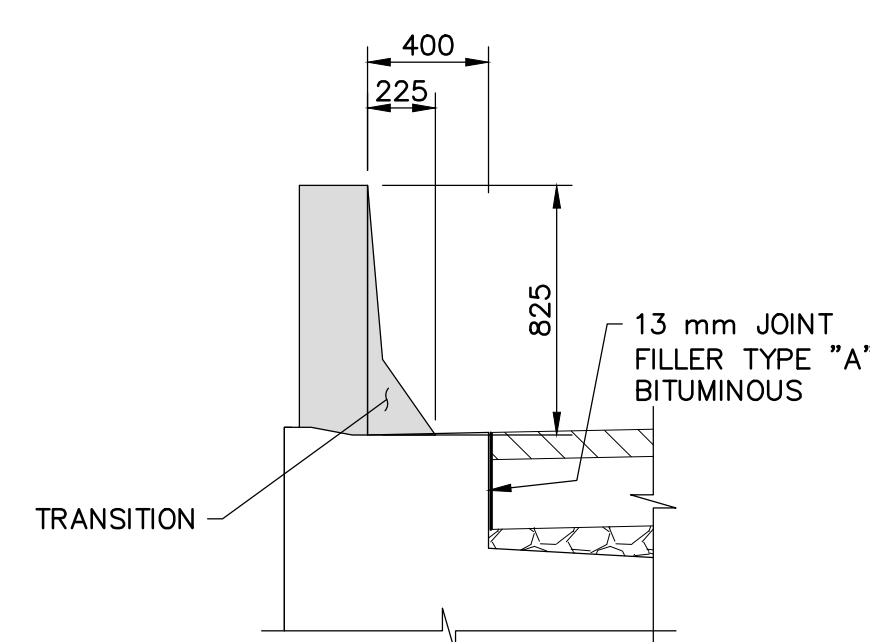
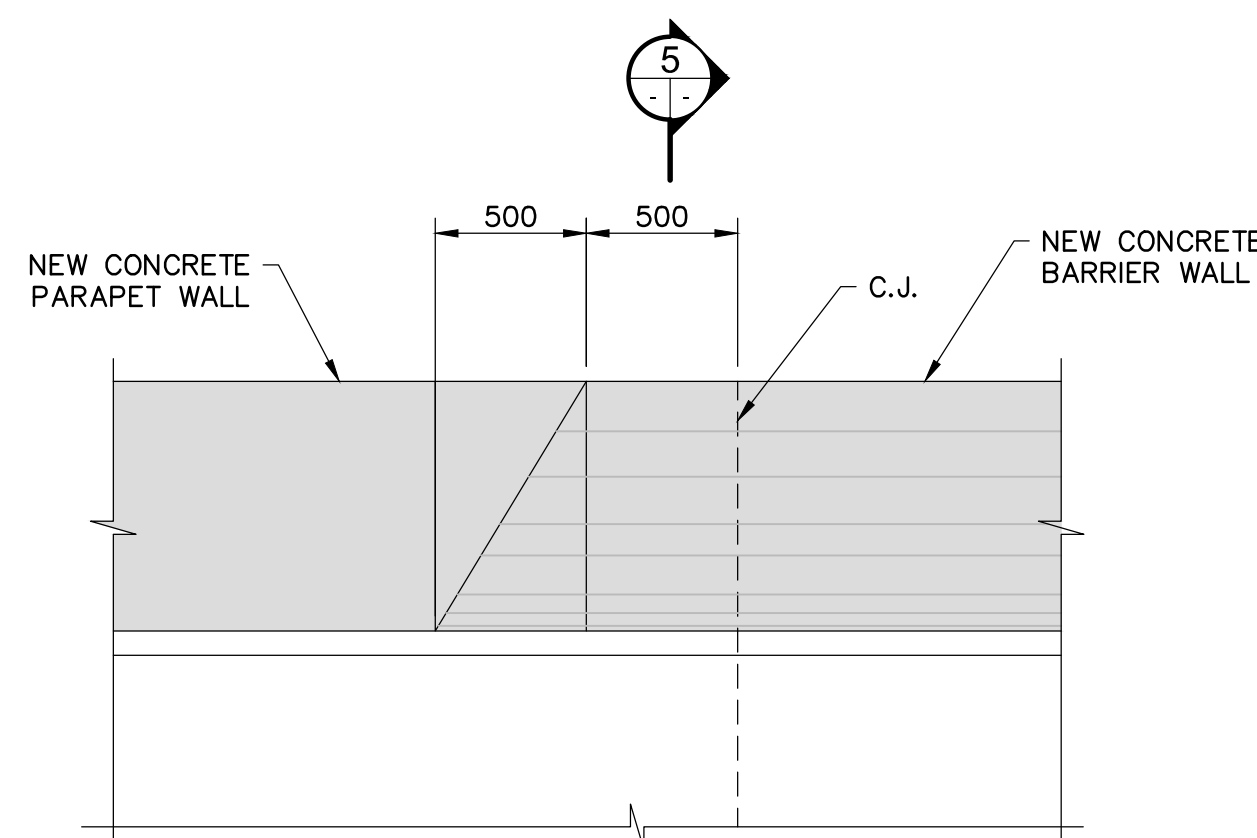
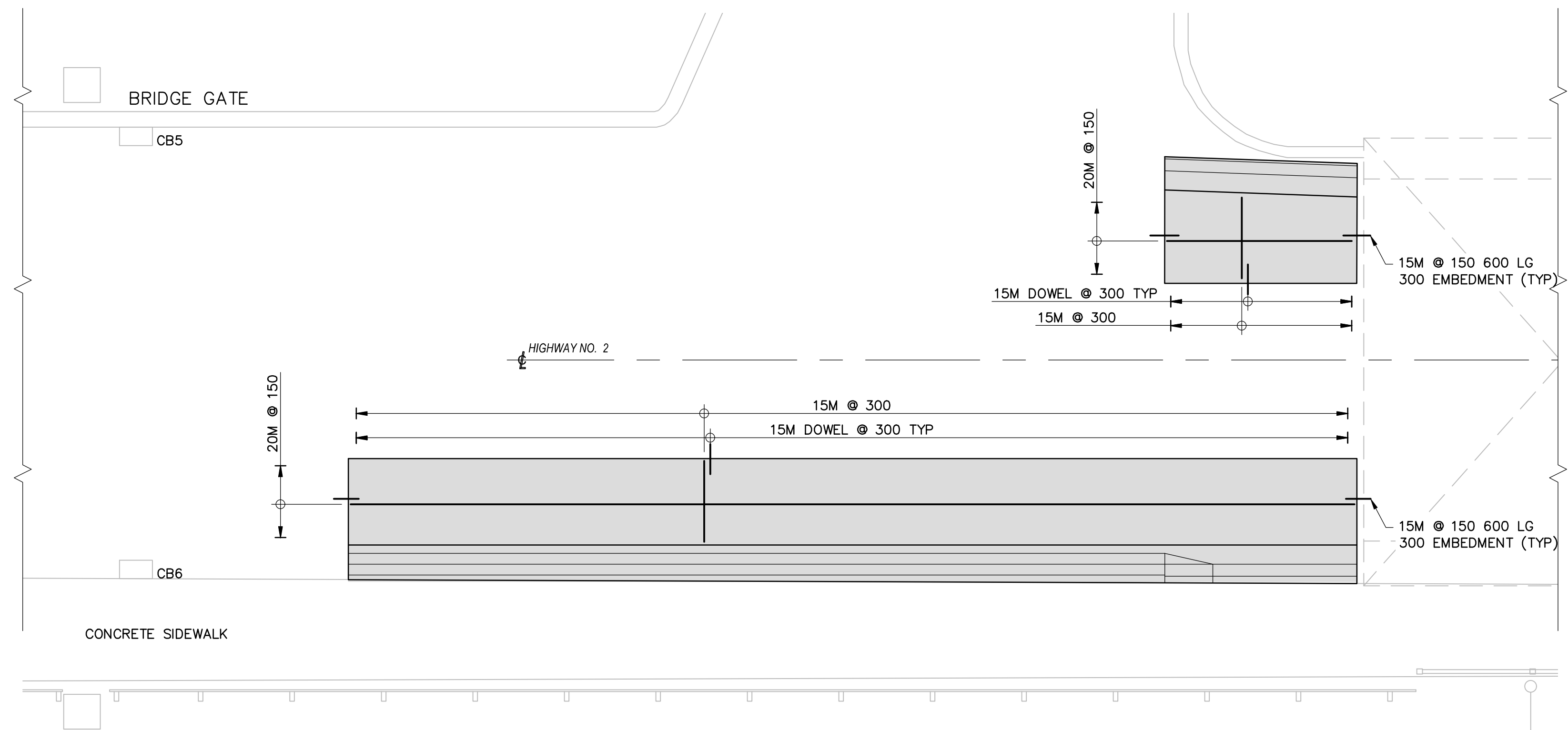
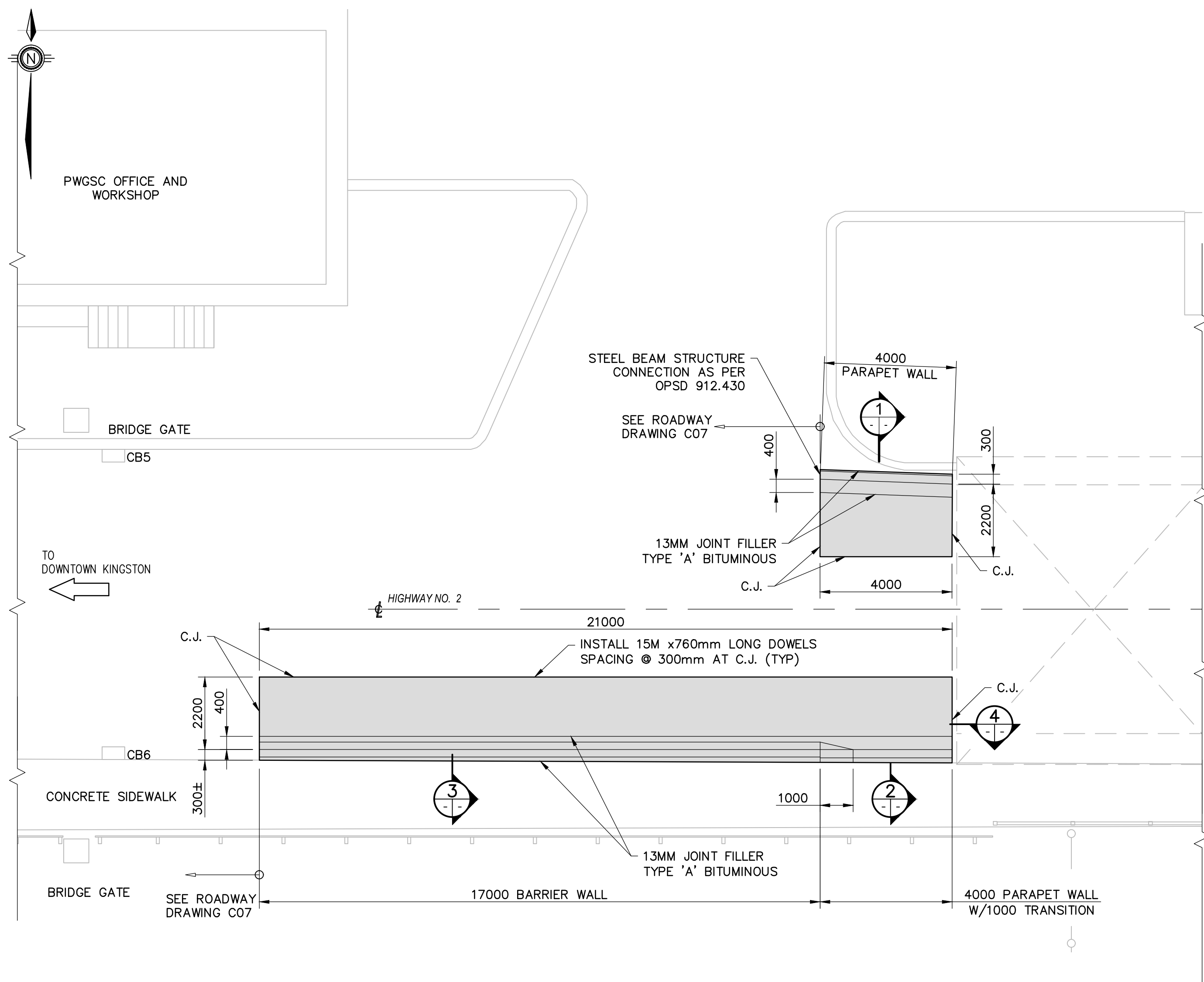
bid project manager  
ELISABETH OHI

project date  
2021/09/10

project no.  
R.101343.040

drawing no.  
S09





## NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. C07, S01, S02, S12 AND S13.
- CONTRACTOR TO CONFIRM AND MAINTAIN EXISTING PAVEMENT STRUCTURE.
- ASSUMED PAVEMENT STRUCTURE TO BE VERIFIED IN THE FIELD.



LEGEND

	EXISTING CONCRETE
	NEW CONCRETE
	GRANULAR "A"
	NEW ASPHALT

1 ISSUED FOR BID SUBMISSION 21/09/10

revision description date

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A	Detail No.
B	drawing no. - where detail required
C	drawing no. - where detailed

project title  
**KINGSTON** Ontario  
PWGSC  
LaSalle Causeway

# LSC CONCRETE REPAIRS

drawing title  
**BASCULE BRIDGE  
WEST APPROACH CONCRETE  
BARRIER DETAILS**

drawn by  
VINCE GUO

designed by  
VINCE GUO

approved by  
J. GOLZARI

bid project manager  
ELISABETH OHI

project date  
2021/09/10

project no.  
R.101343.040

drawing no.  
S10