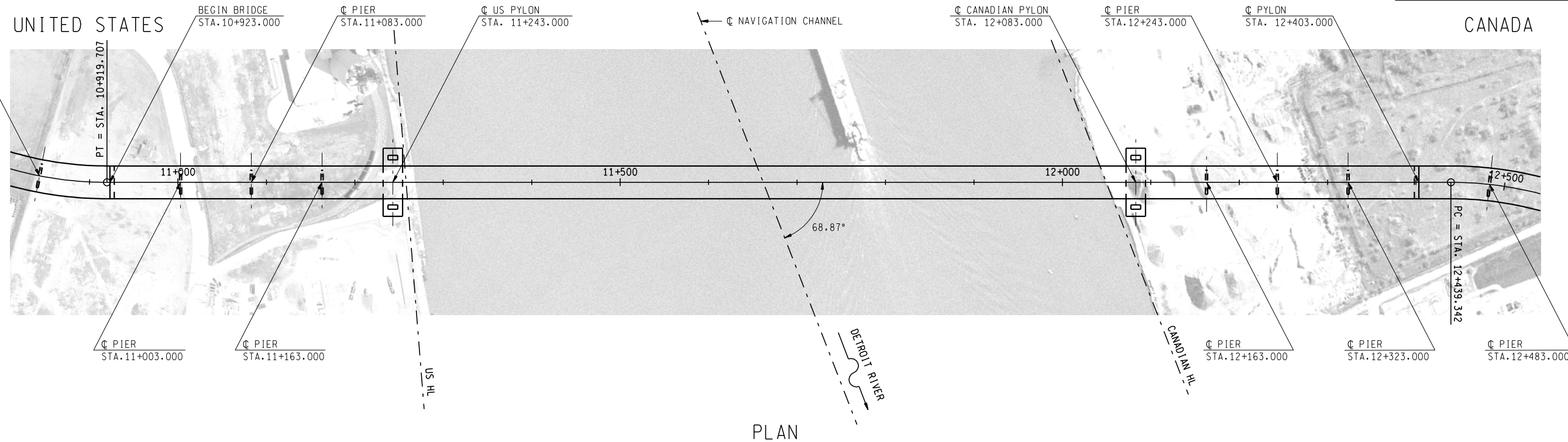


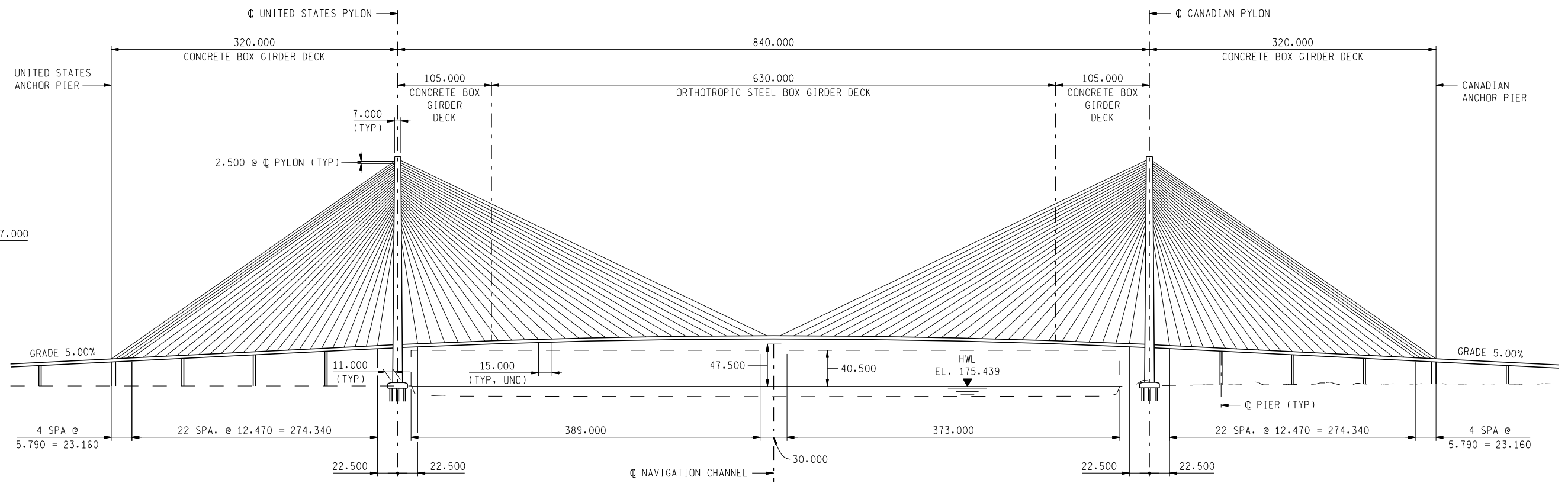
## **APPENDIX C: MAIN RIVER BRIDGE PLANS**

*The graphics in this appendix depict the Practical Alternatives.*

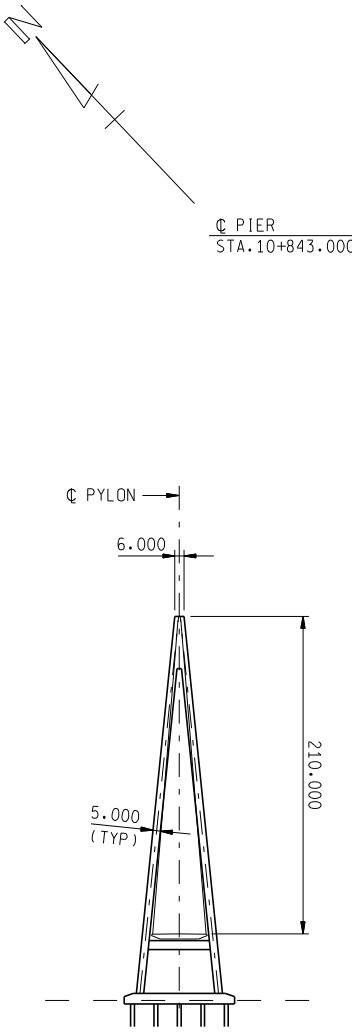
REVISIONS			
NO.	DESCRIPTION	DATE	BY



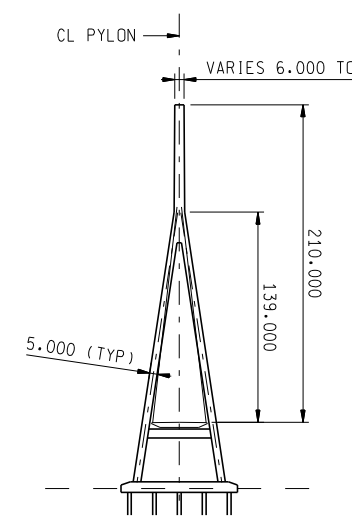
PLAN



ELEVATION



PYLON ELEVATION



PYLON ELEVATION

NOTES:  
 1. ALL DIMENSIONS ARE IN METERS.

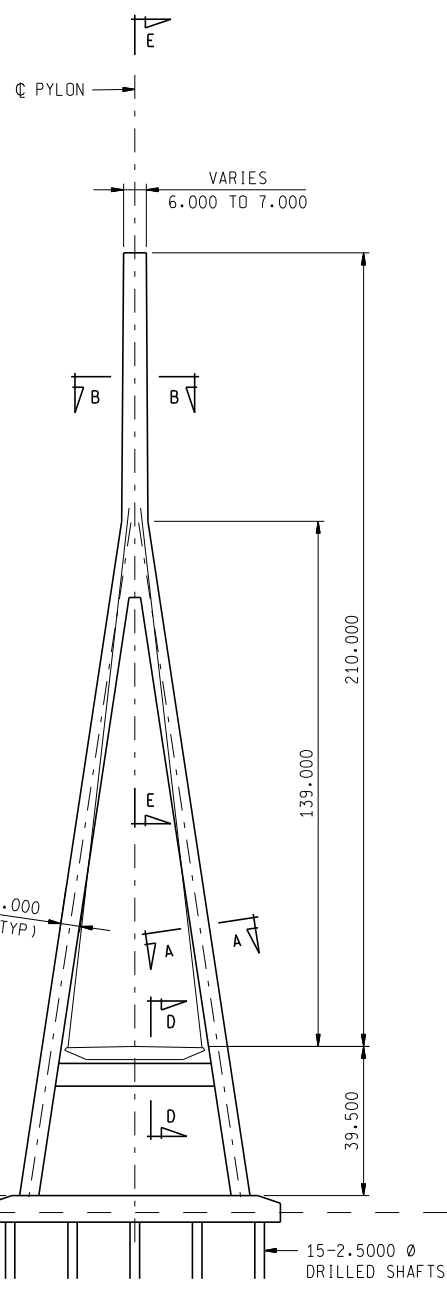
1:2500 SCALE IN METERS

10/3/2007 4:36:17 PM

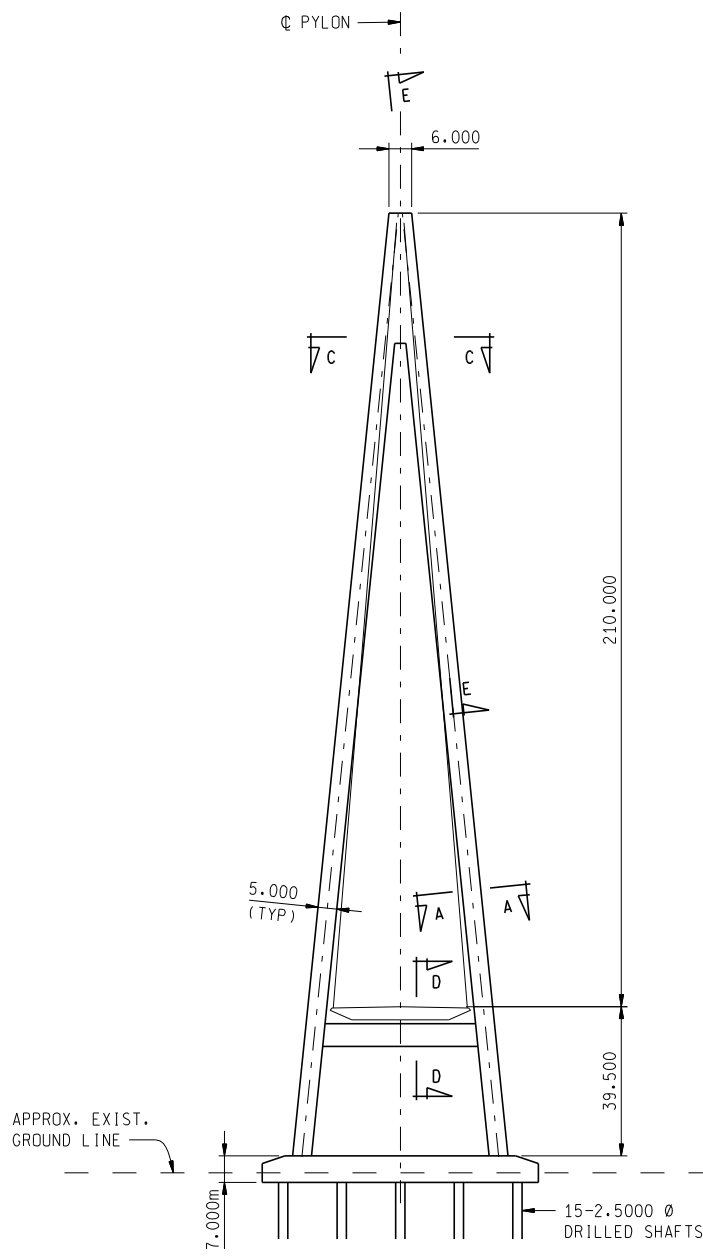
E:\Bridges\DRIC\dgn\10b\_1a.dgn

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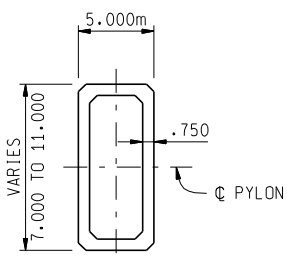
REVISIONS			
NO.	DESCRIPTION	DATE	BY



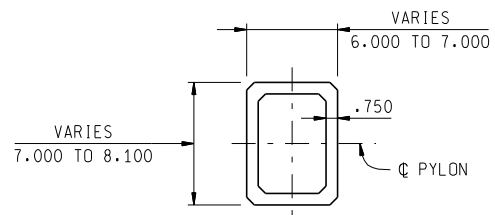
Y - SHAPE PYLON ELEVATION



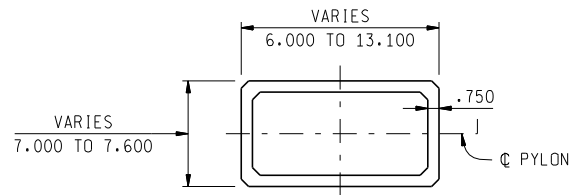
A - SHAPE PYLON ELEVATION



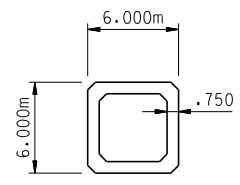
SECTION A-A



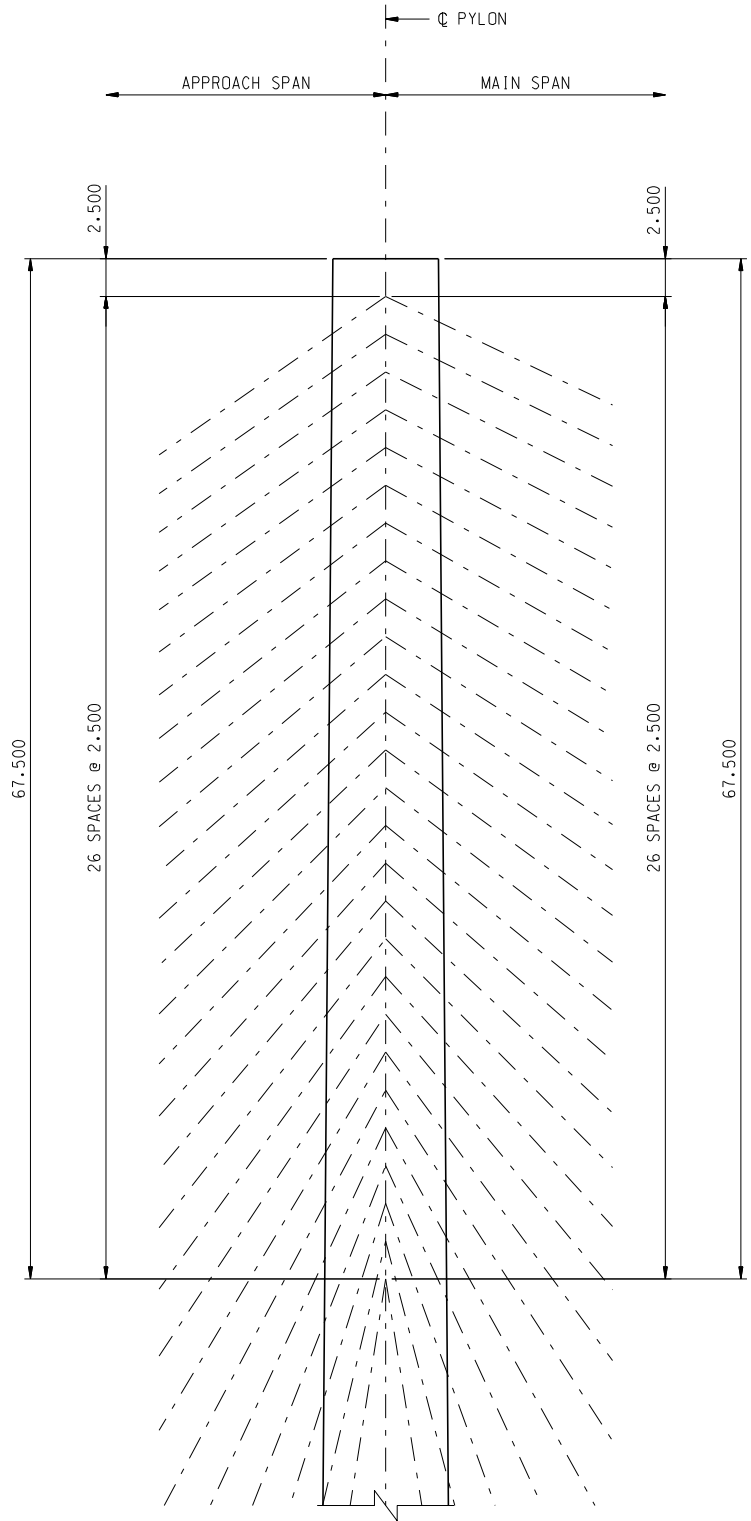
SECTION B-B  
(STEEL ANCHORAGE FRAME NOT SHOWN)



SECTION C-C  
(STEEL ANCHORAGE FRAME NOT SHOWN)



SECTION D-D



SECTION E-E

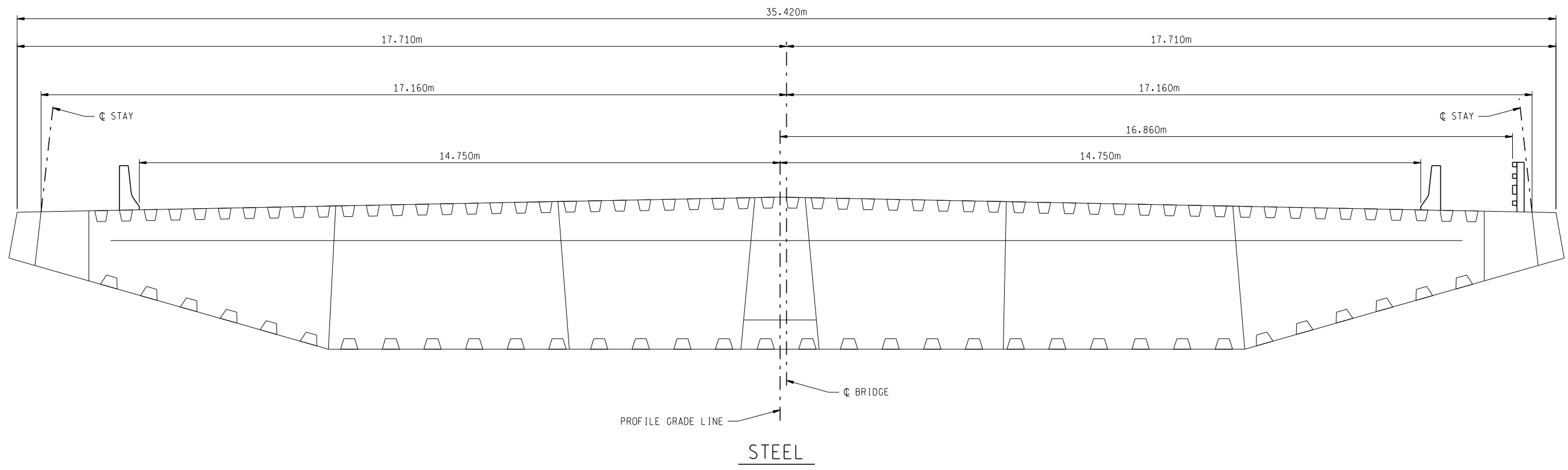
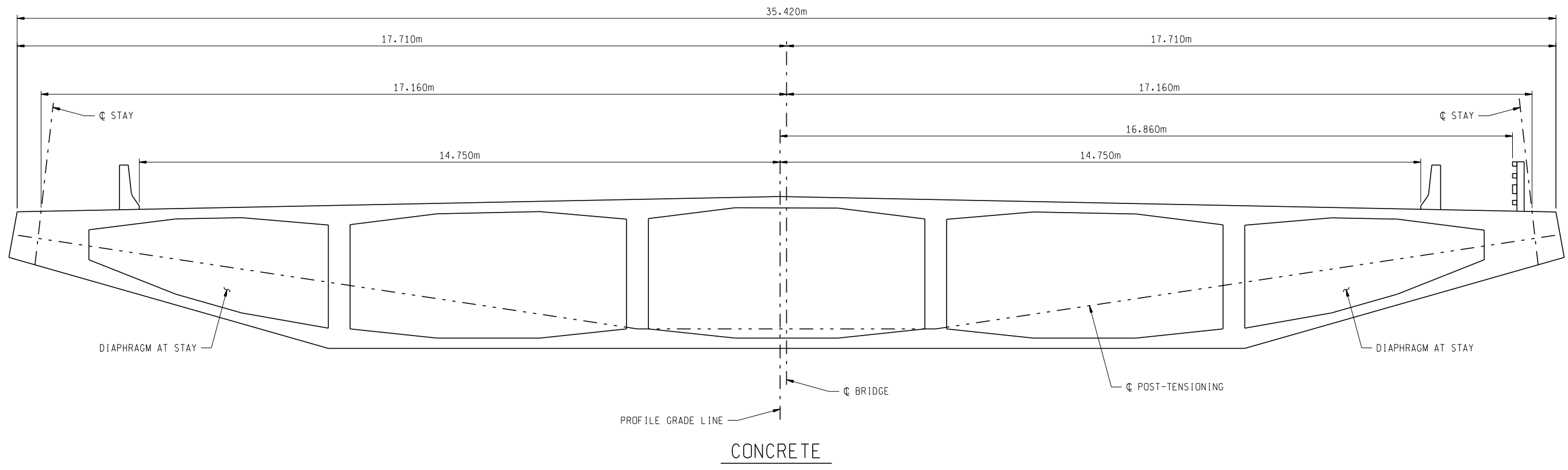
NOTES:  
1. ALL DIMENSIONS ARE IN METERS.

10/3/2007 4:36:19 PM

E:\Bridges\DRIC\dgn\10b\_1a\_lower.dgn

DATE: CORRECTED BY: CHECKED BY: DATE: DRAWN BY:

REVISIONS			
NO.	DESCRIPTION	DATE	BY

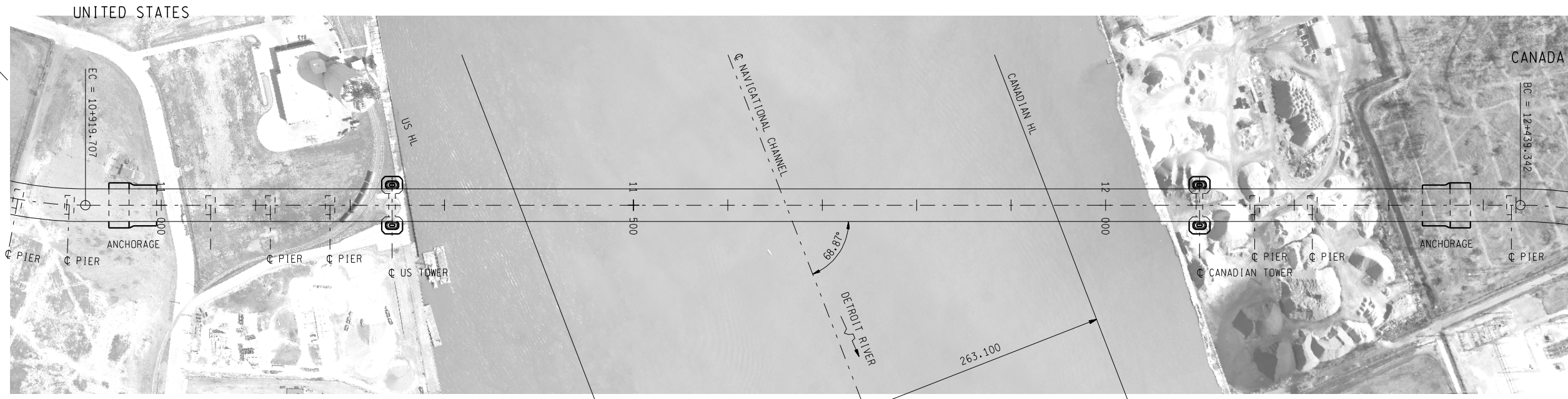
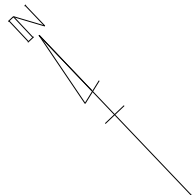


10/3/2007 4:36:21 PM

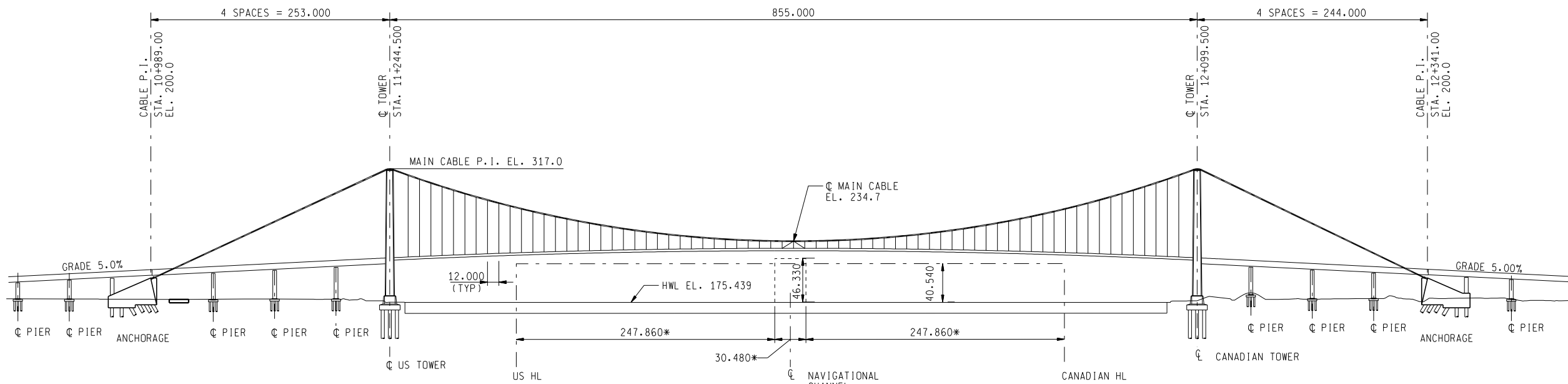
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REVISIONS			
NO.	DESCRIPTION	DATE	BY



PLAN



ELEVATION

\* MEASURED PERPENDICULAR TO NAVIGATION CHANNEL

NOTES:  
1. UNITS SHOWN IN METERS.

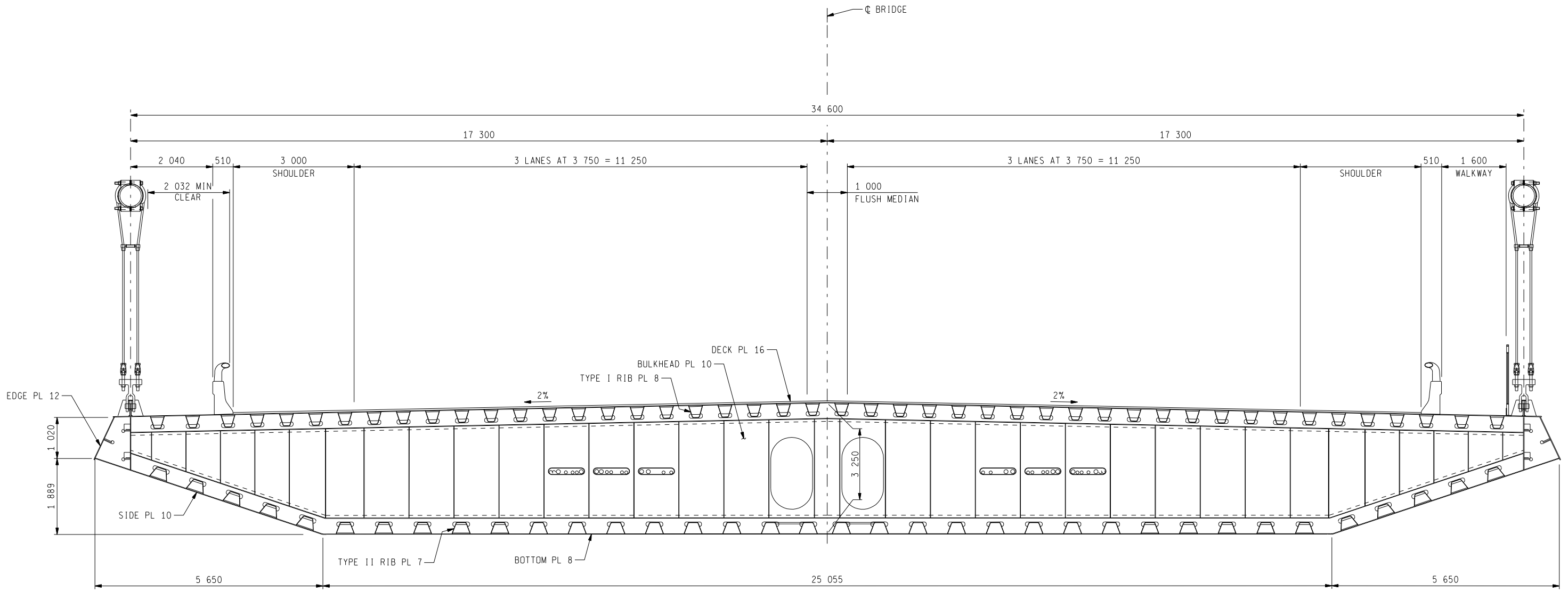


5/9/2007 11:22:45 AM

P:\646xxx\646294\Cadd\ConceptualEngineering\CE7-CPE.dgn

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REVISIONS			
NO.	DESCRIPTION	DATE	BY



TYPICAL CROSS SECTION



8/29/2007 9:42:41 AM

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FILE NAME: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ CORRECTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

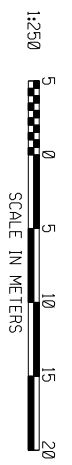
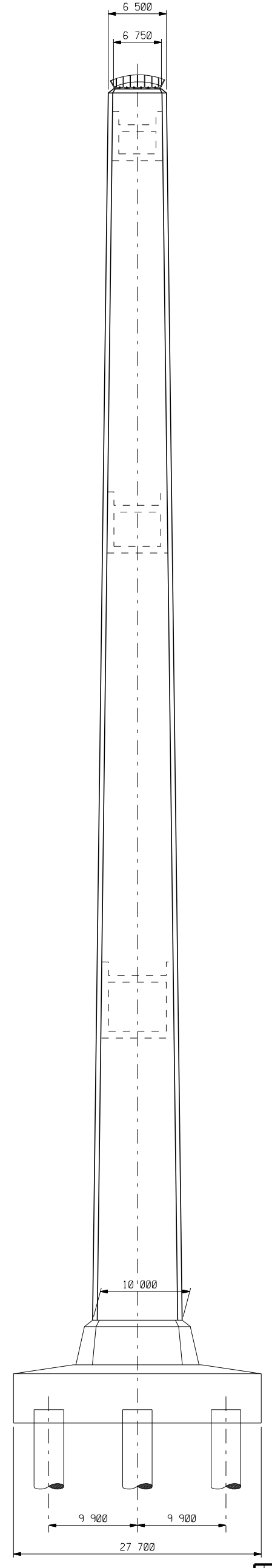
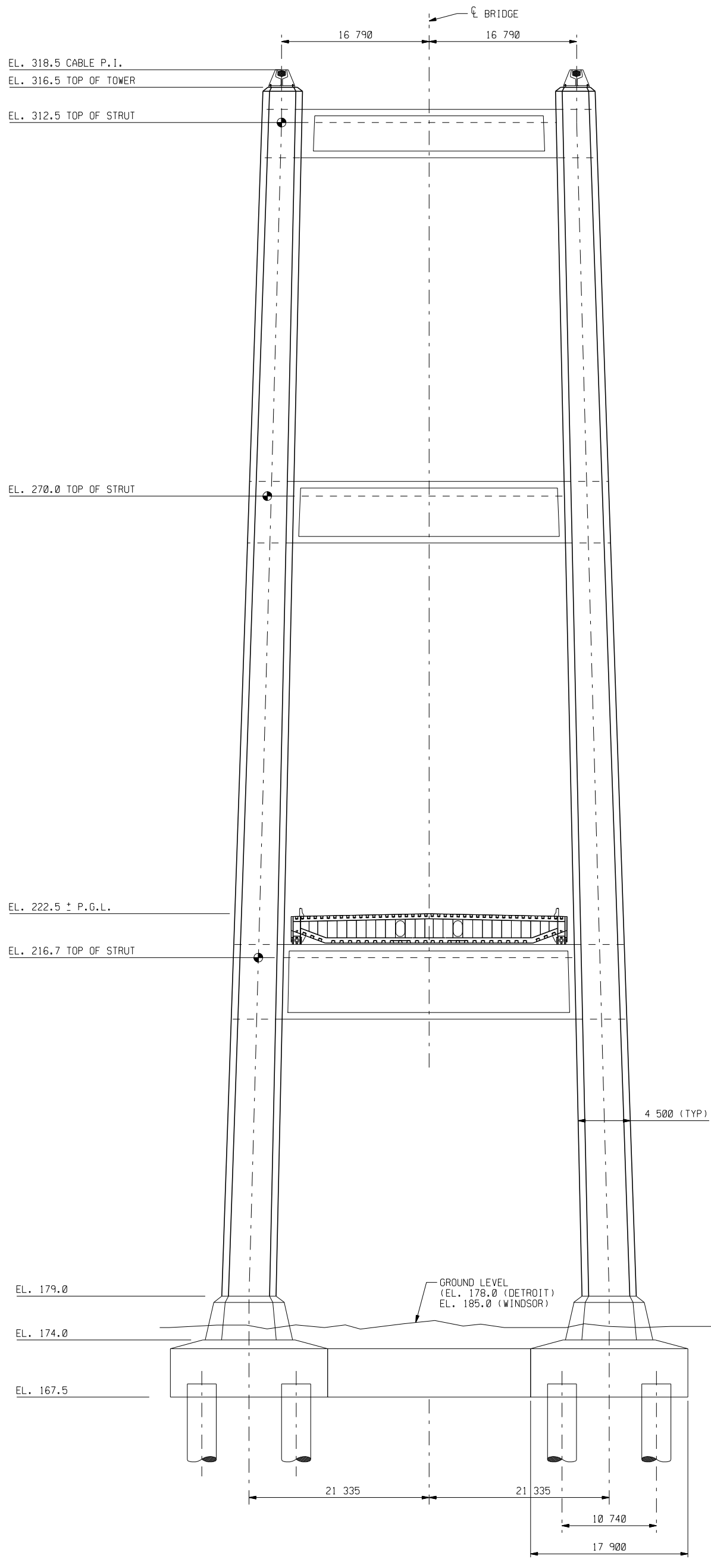


DETROIT RIVER INTERNATIONAL CROSSING



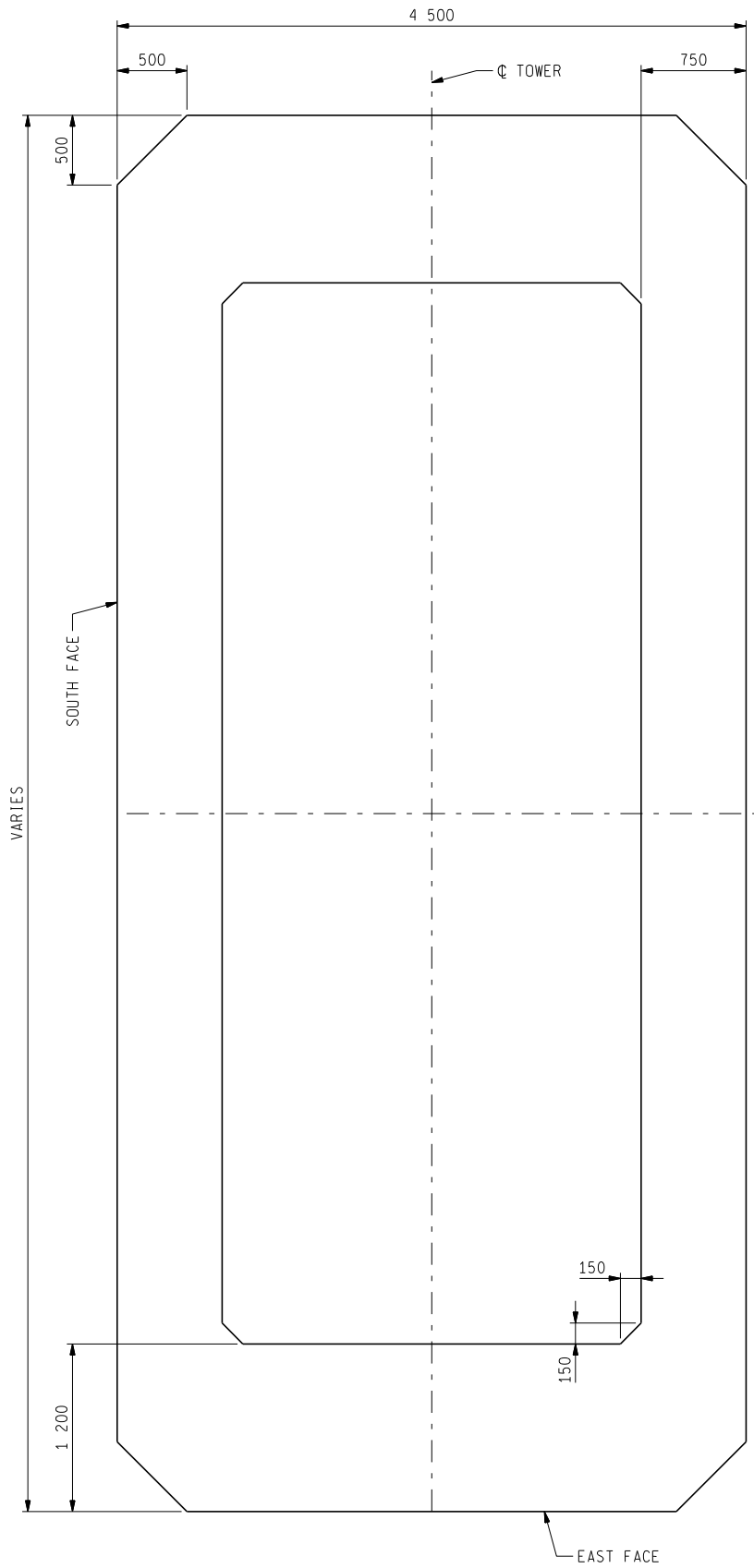
TOWER ELEVATION  
OPTION 1

SCALE  
DATE 8/10/2007

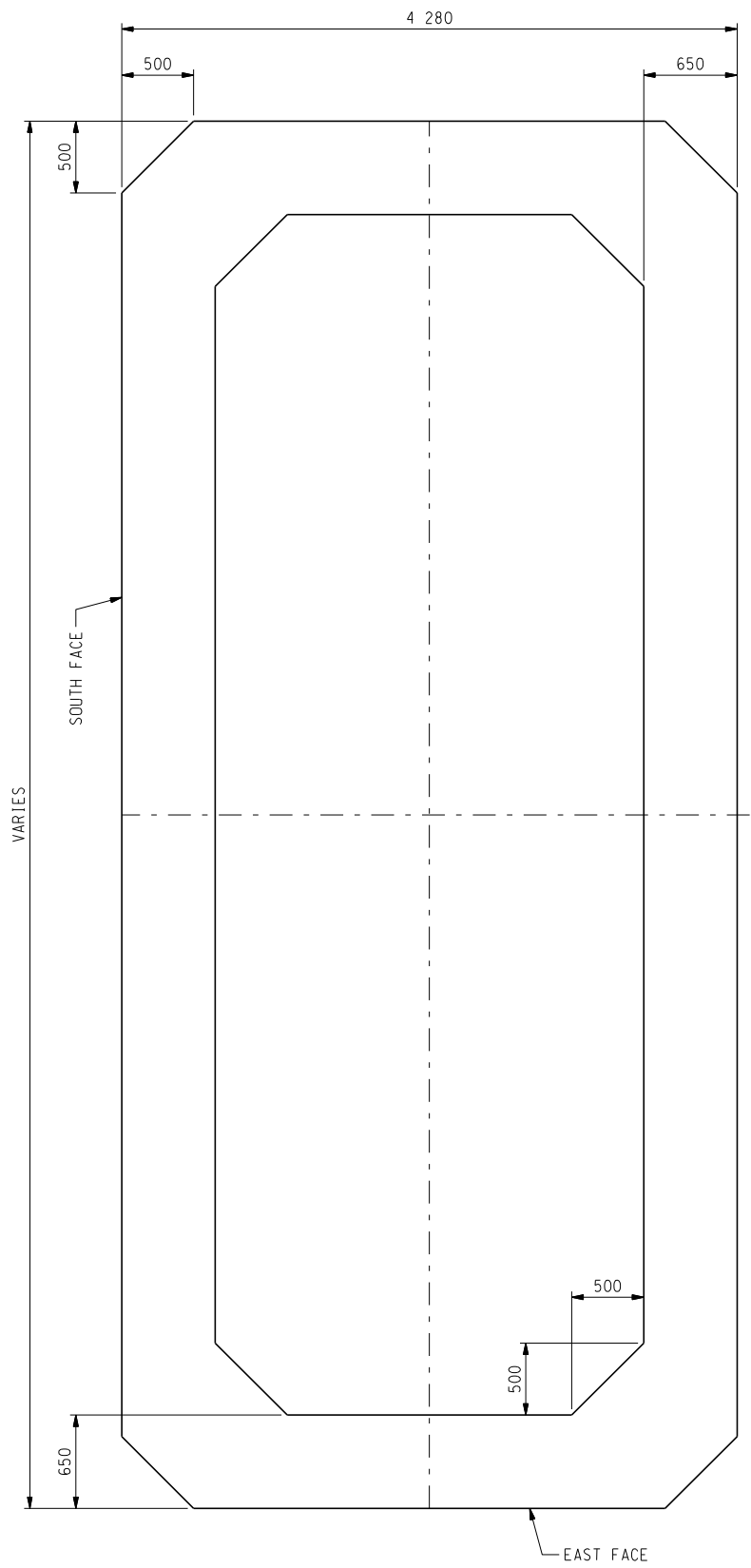


NO.	DESCRIPTION	DATE	BY

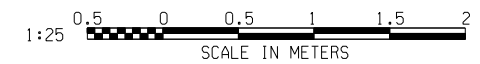
REVISIONS			
NO.	DESCRIPTION	DATE	BY



BELOW DECK (EL. 218.5)



ABOVE DECK



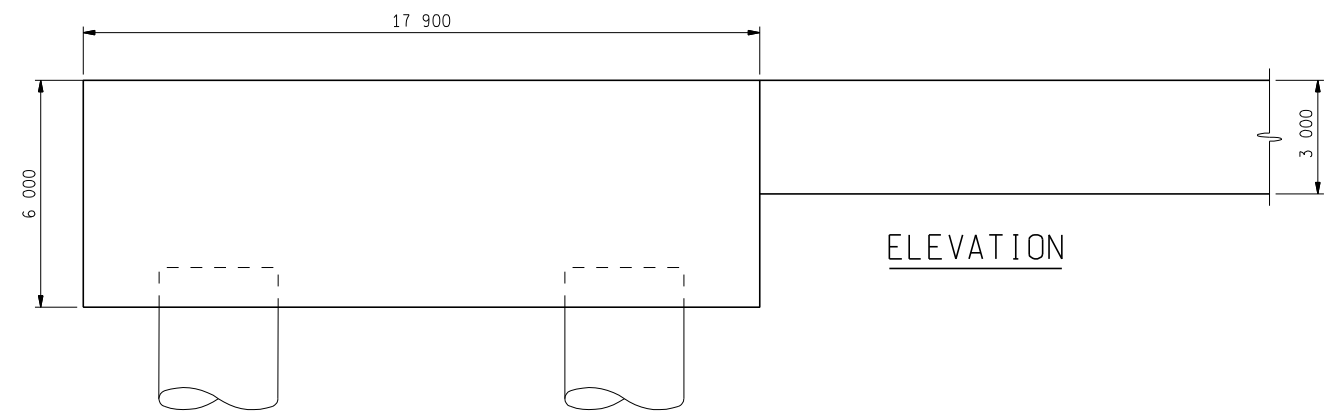
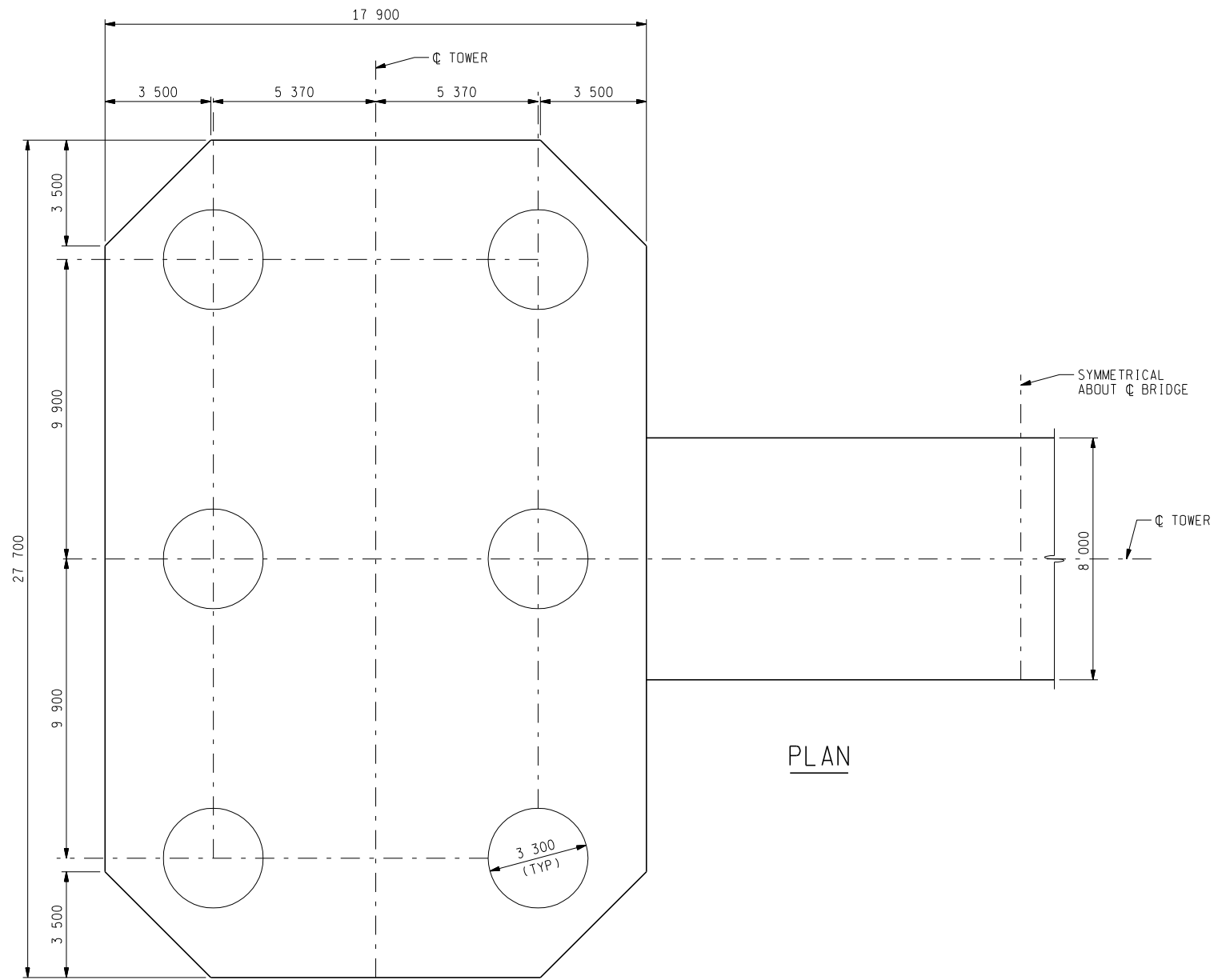
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REVISIONS			
NO.	DESCRIPTION	DATE	BY

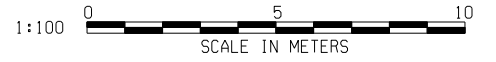
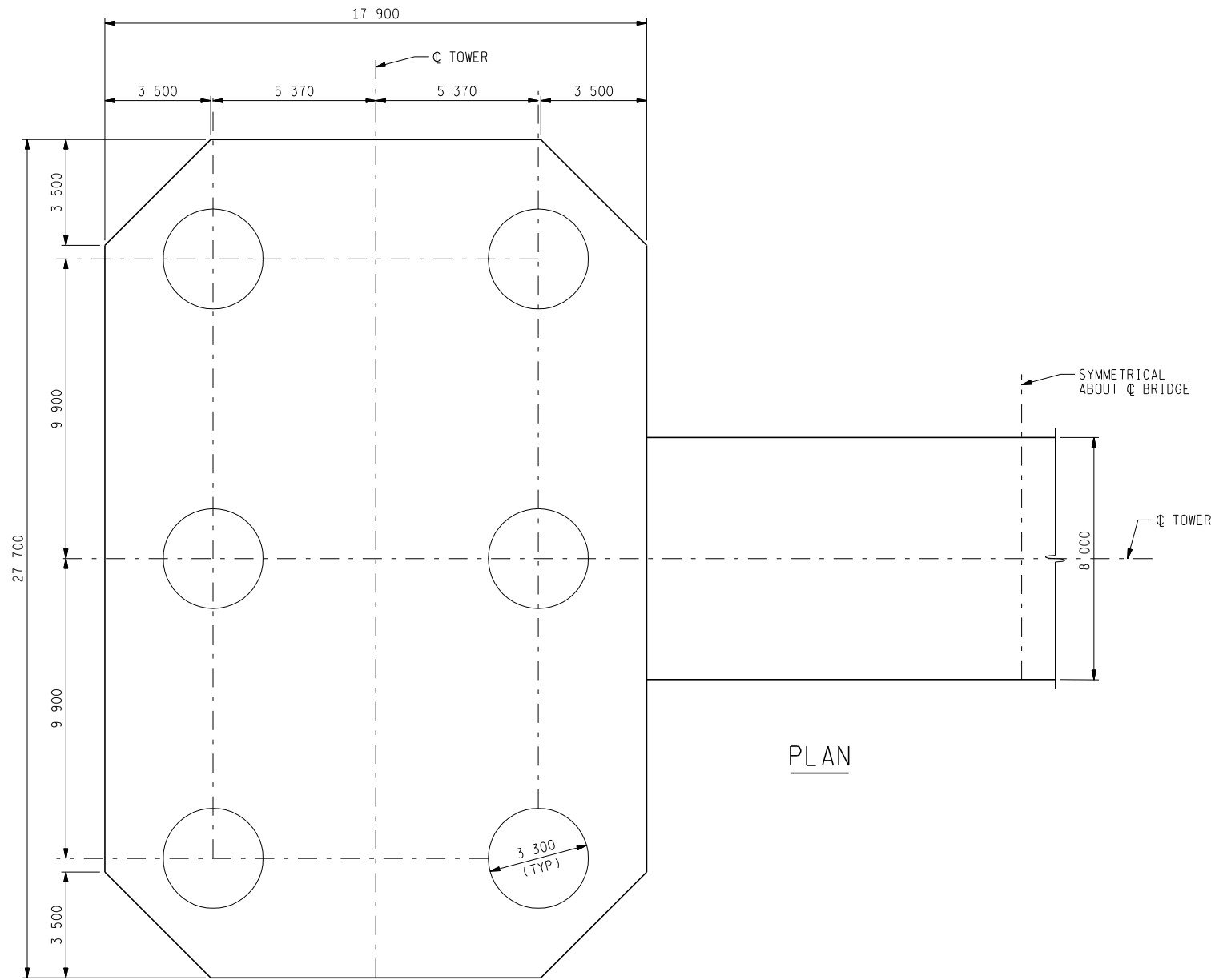


10/8/2007 8:06:29 AM

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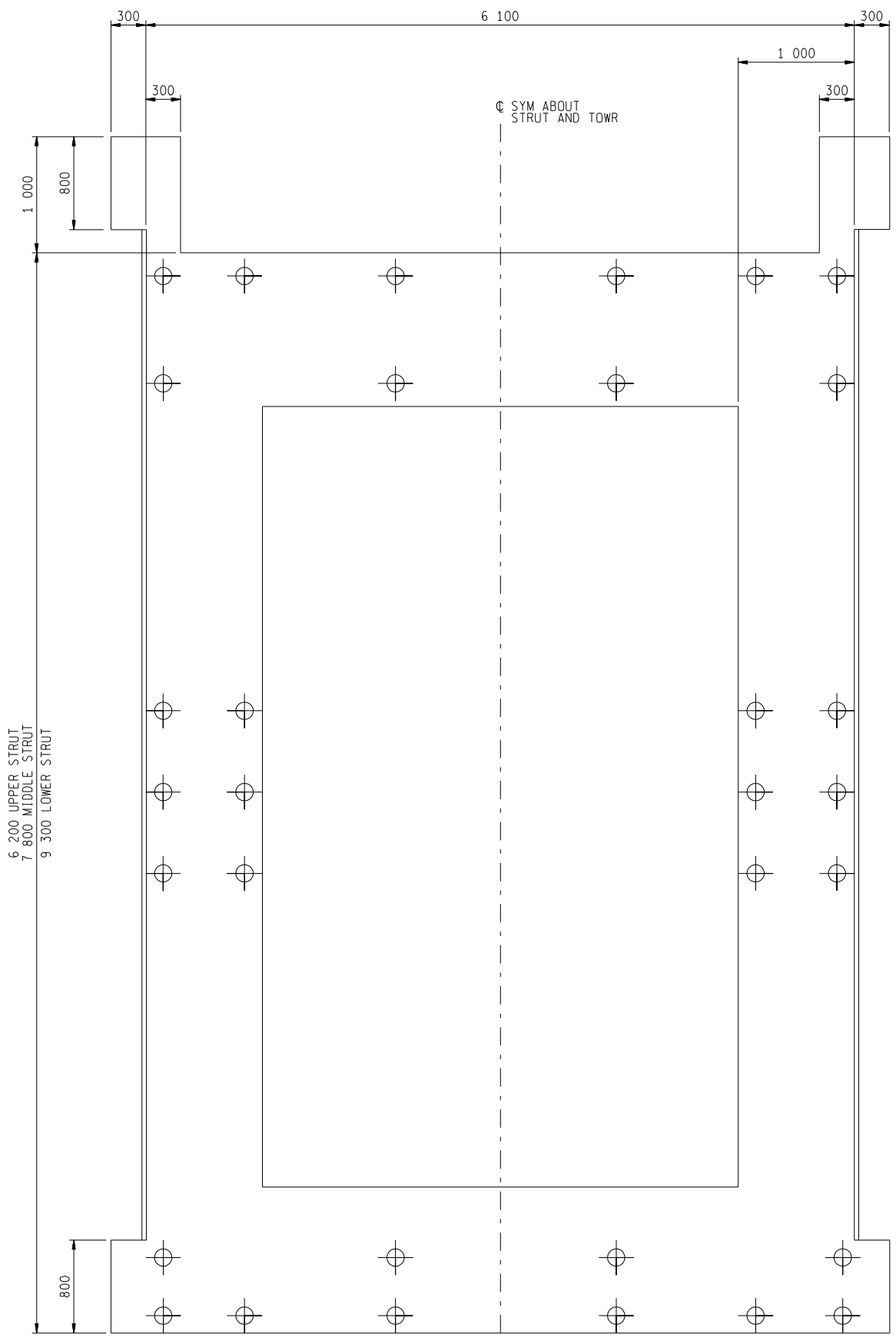
REVISIONS			
NO.	DESCRIPTION	DATE	BY



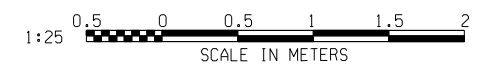
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REVISIONS			
NO.	DESCRIPTION	DATE	BY



LEGEND:  
 POST TENSIONING STRAND

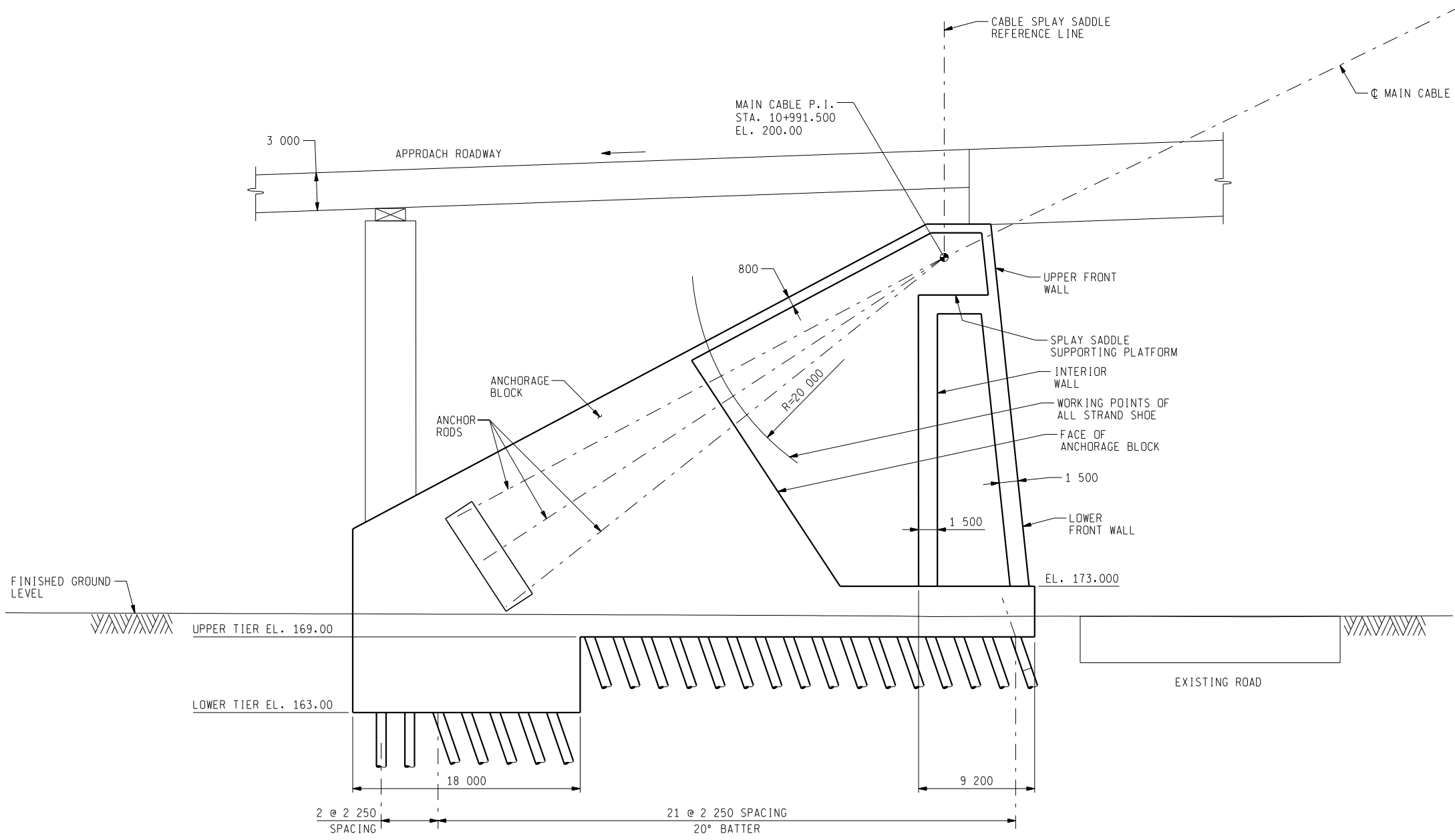


10/8/2007 8:07:07 AM

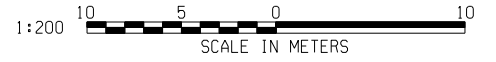
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REVISIONS			
NO.	DESCRIPTION	DATE	BY



SECTION A-A

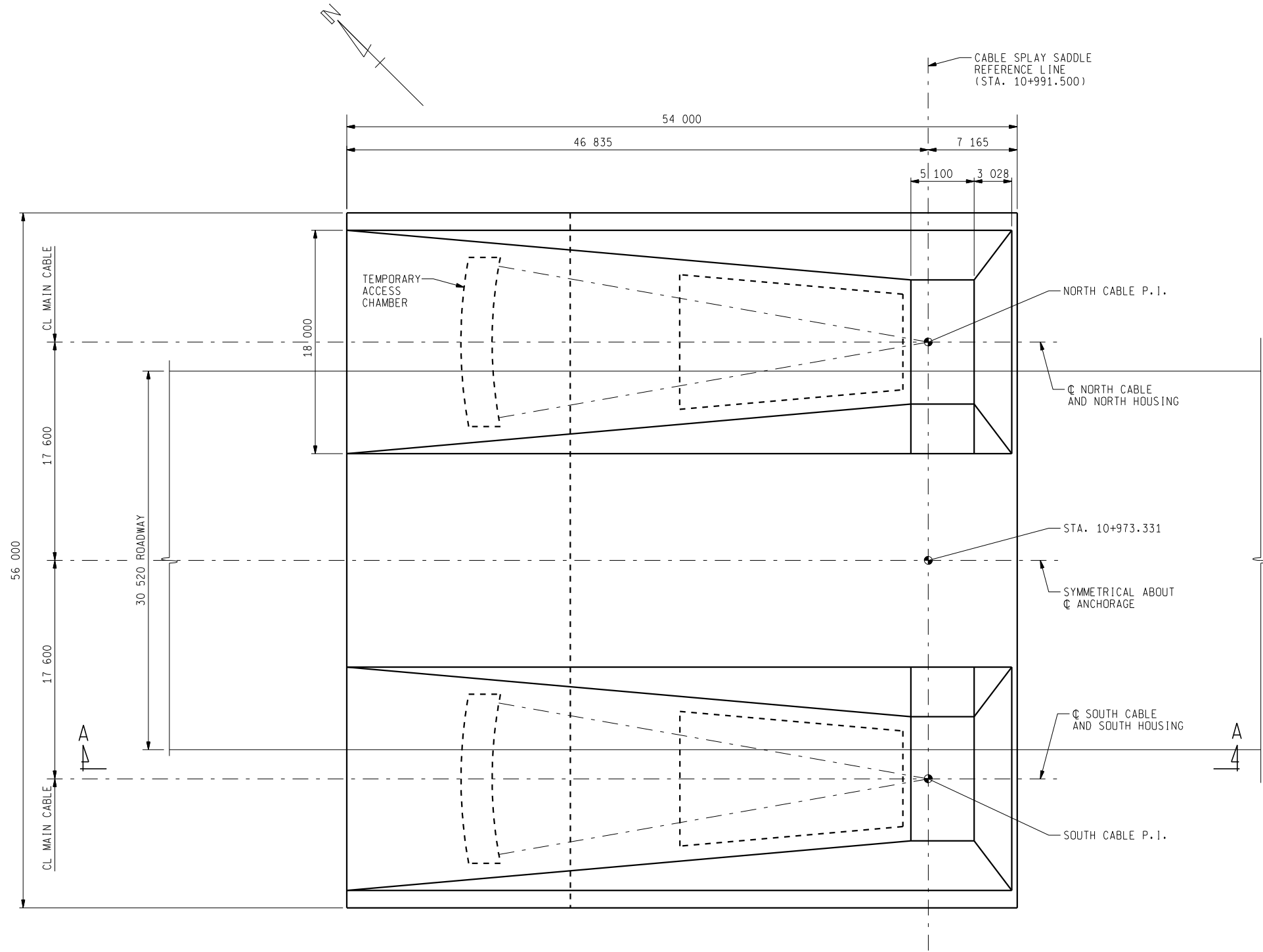


8/14/2007 8:57:46 AM

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REVISIONS			
NO.	DESCRIPTION	DATE	BY



PLAN

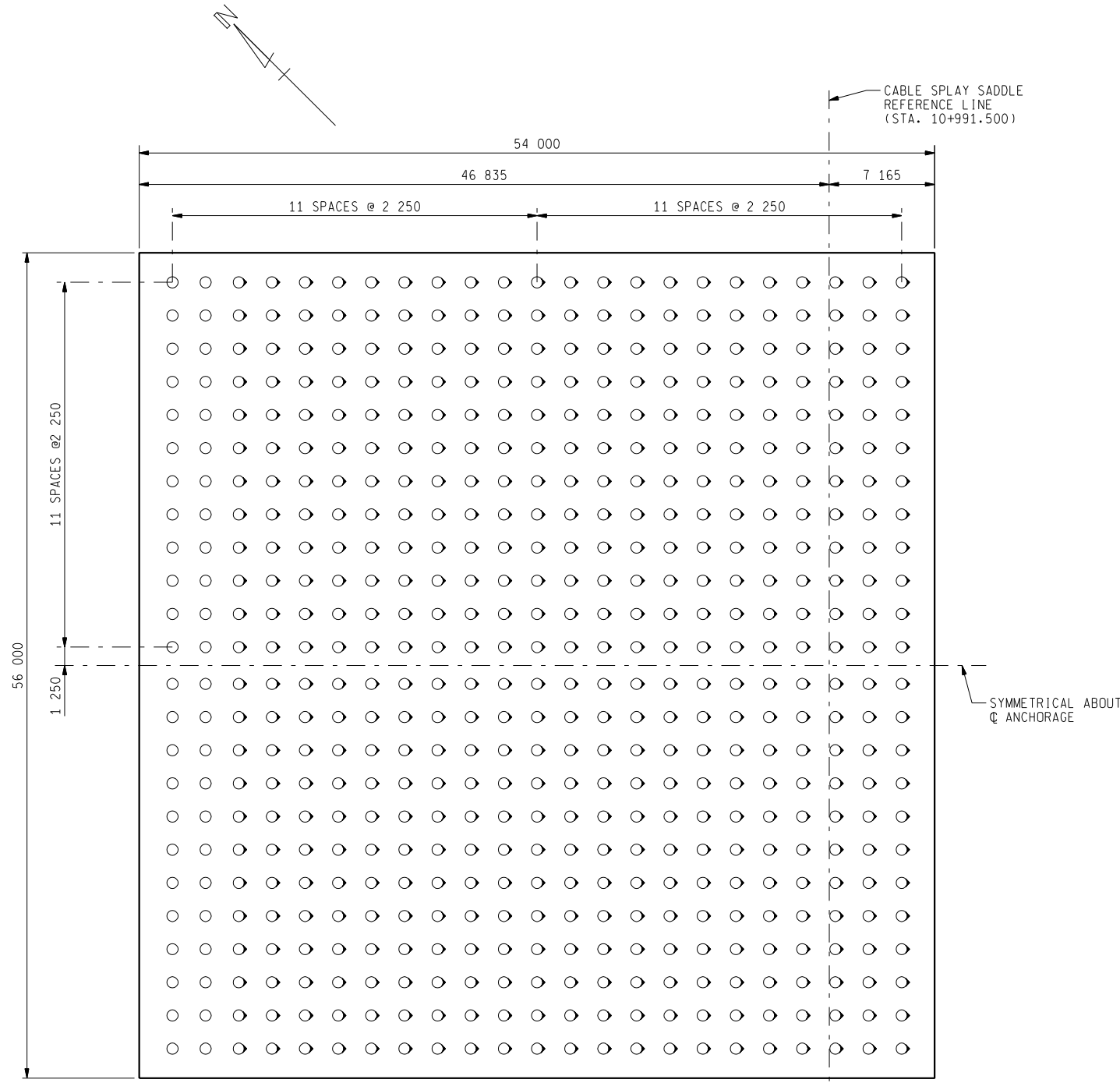


8/14/2007 1:41:45 PM

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DATE: CORRECTED BY: CHECKED BY: DATE: DRAWN BY:

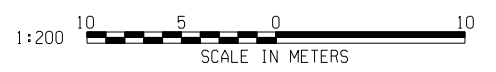
REVISIONS			
NO.	DESCRIPTION	DATE	BY



PILE LAYOUT-PLAN

LEGEND:

- ⊕ = 760mm DIA. DRILLED SHAFT
- ⊕ = 760mm DIA. DRILLED SHAFT WITH 20° BATTER

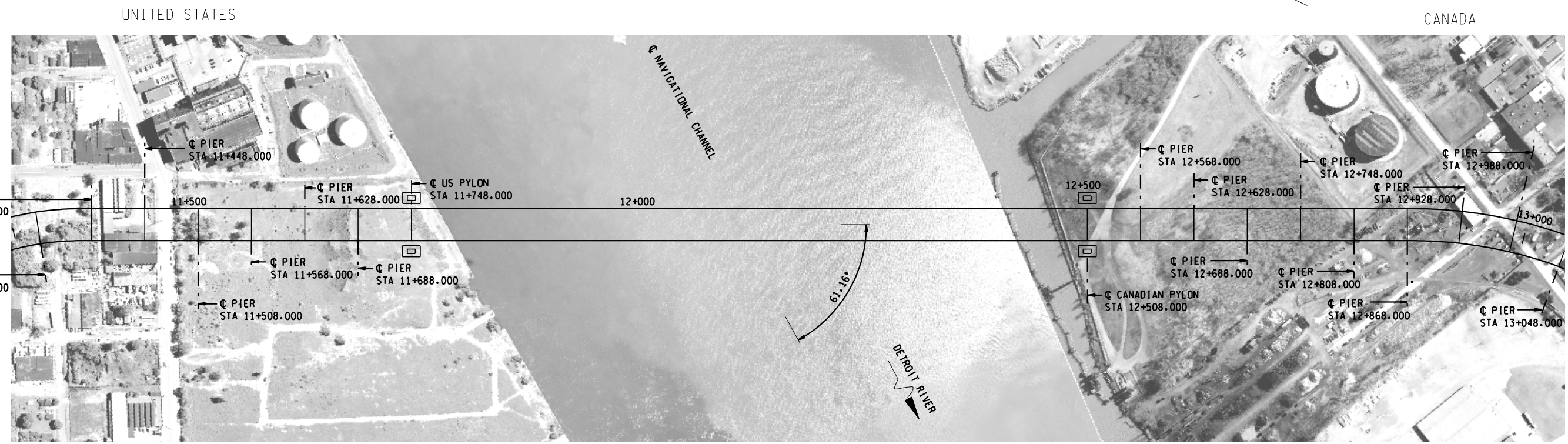


8/14/2007 1:48:38 PM

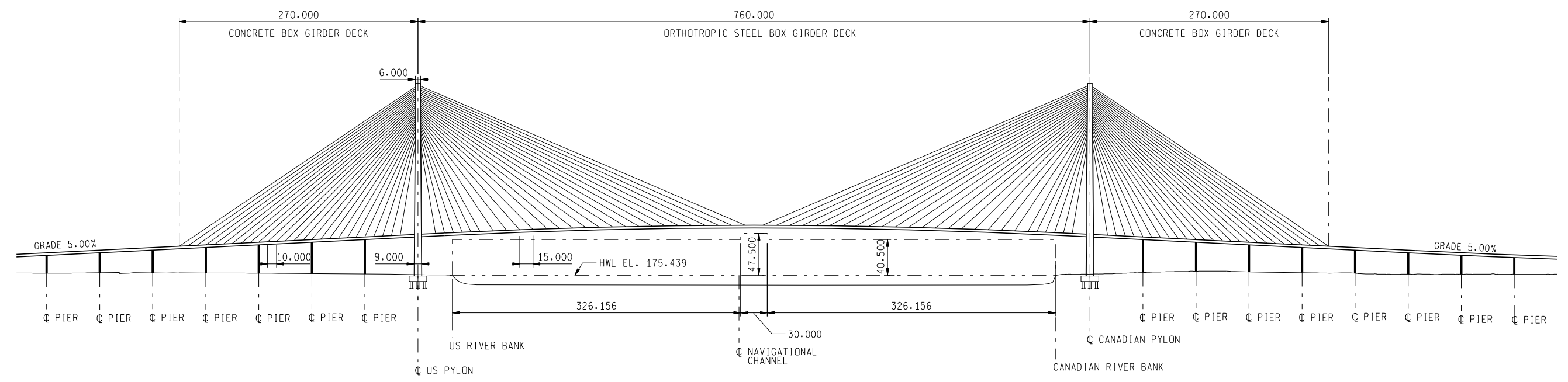
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DATE: CORRECTED BY: DATE: CHECKED BY: DATE: DRAWN BY:

REVISIONS			
NO.	DESCRIPTION	DATE	BY

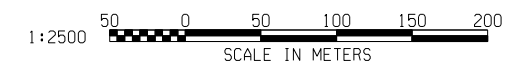


PLAN



ELEVATION

NOTE:  
UNITS SHOWN IN METERS.

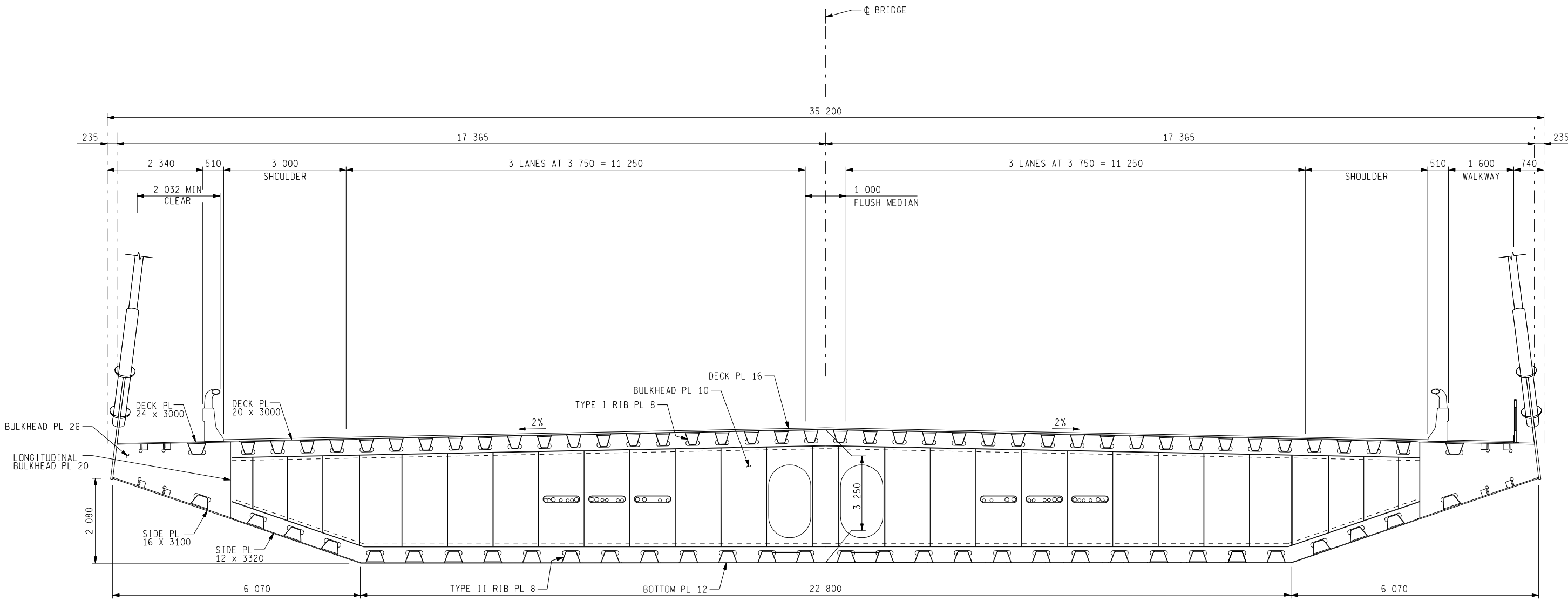


9/4/2007 4:11:12 PM

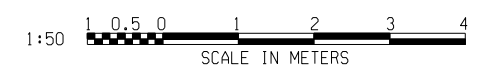
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FILE NAME: DATE: DRAWN BY: CHECKED BY: DATE: CORRECTED BY: DATE:

REVISIONS			
NO.	DESCRIPTION	DATE	BY



TYPICAL CROSS SECTION (STEEL)



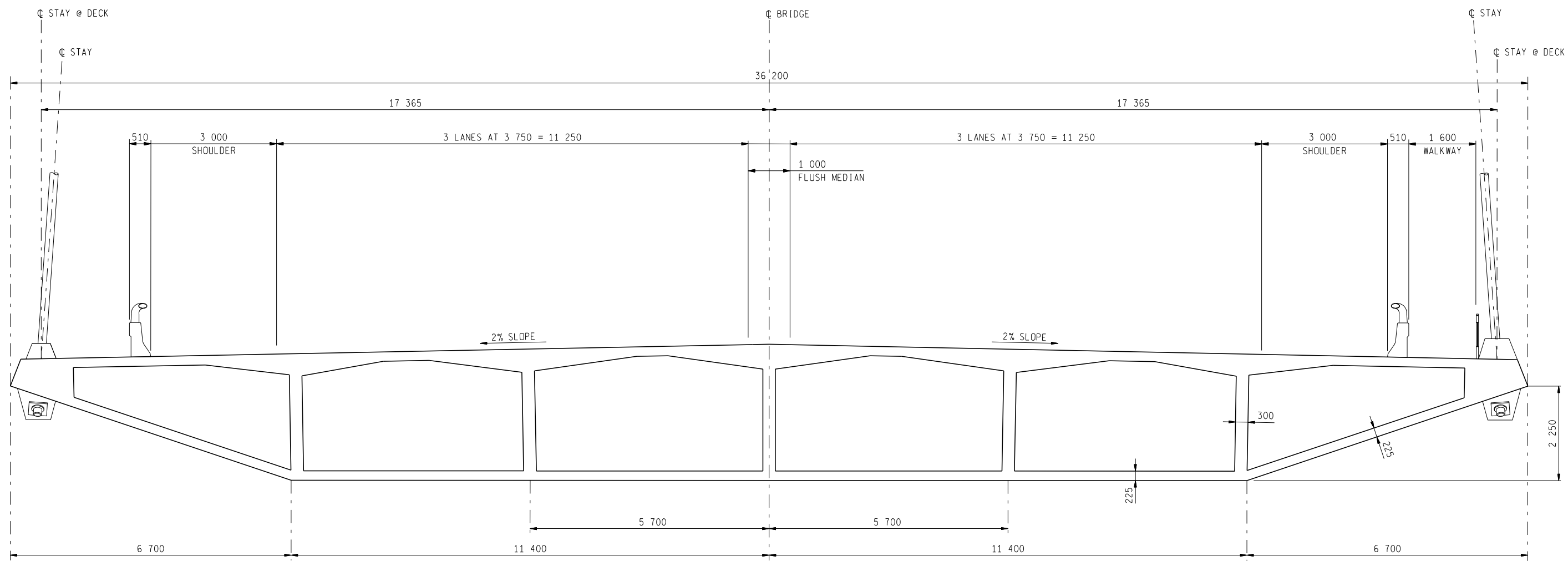
10/5/2007 2:18:51 PM

P:\646xxx\646294\Cadd\ConceptualEngineering\X11\X11CotC750a\_Girder.dgn

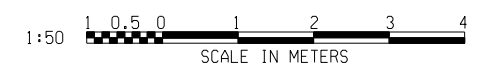
FILE NAME: DATE: DRAWN BY: CHECKED BY: DATE: CORRECTED BY: DATE:



REVISIONS			
NO.	DESCRIPTION	DATE	BY



TYPICAL CROSS SECTION (CONCRETE)

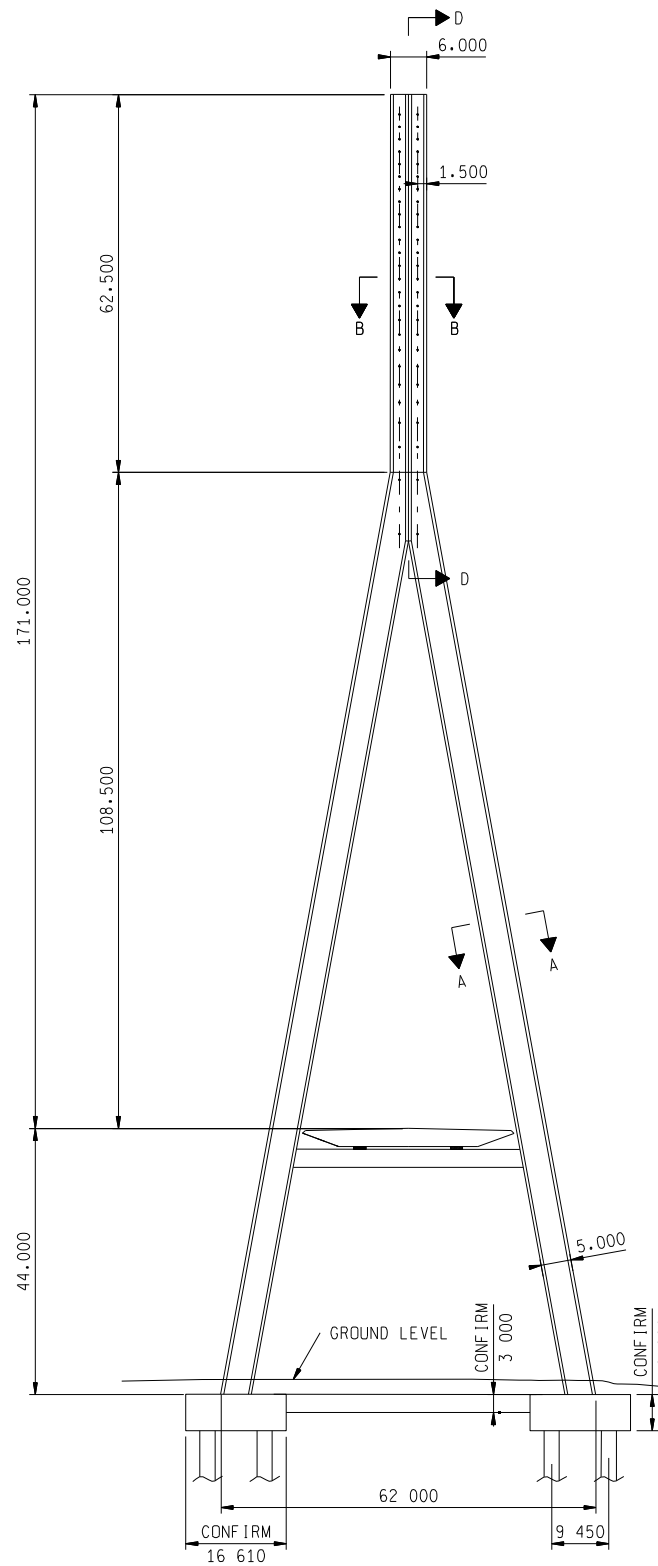


10/8/2007 7:14:10 AM

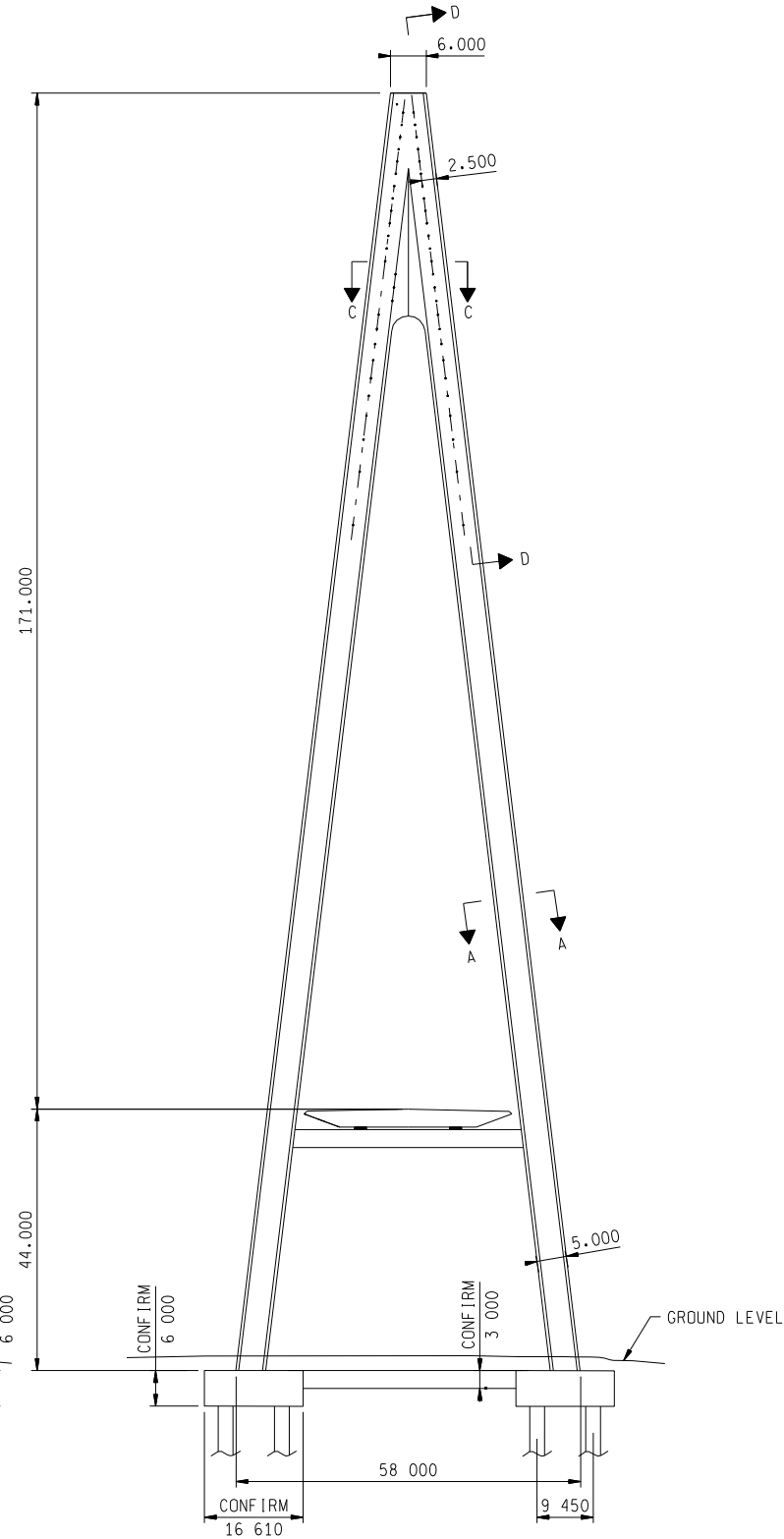
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DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ CORRECTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

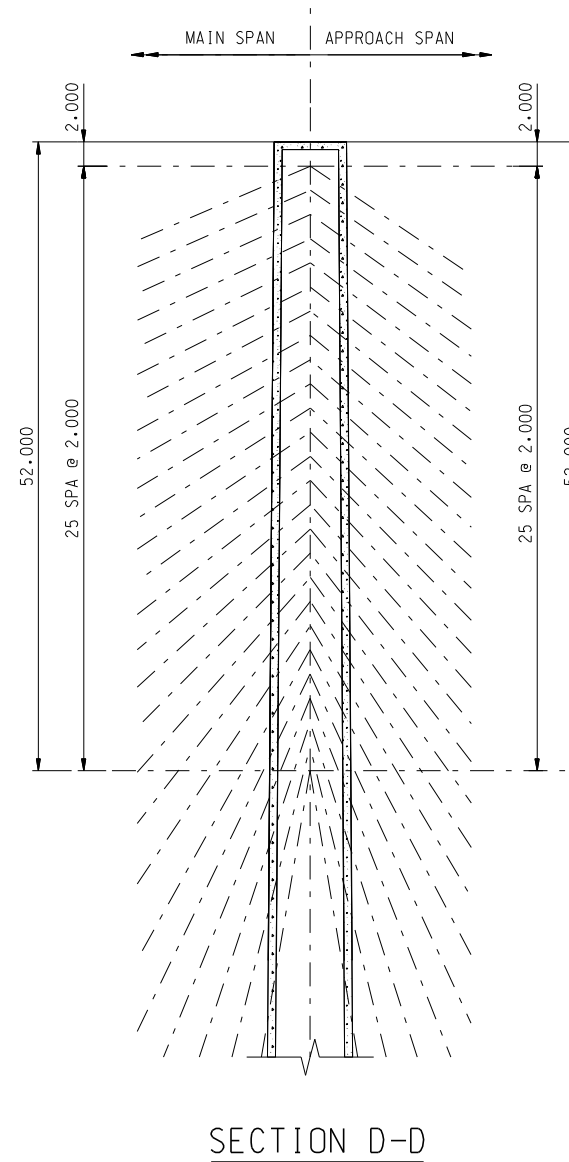
REVISIONS			
NO.	DESCRIPTION	DATE	BY



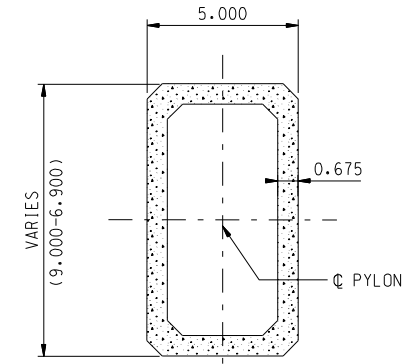
Y-SHAPE PYLON ELEVATION



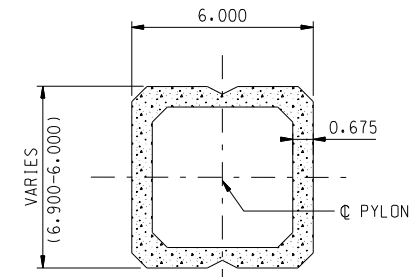
A-SHAPE PYLON ELEVATION



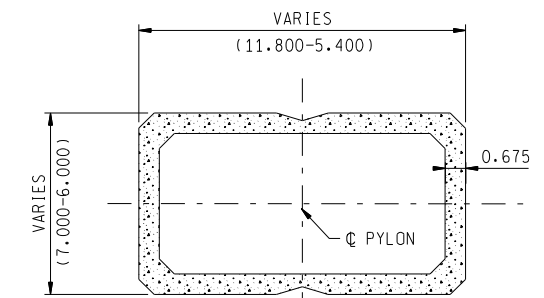
SECTION D-D



SECTION A-A

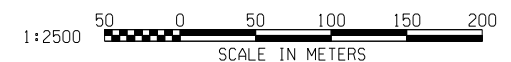


SECTION B-B



SECTION C-C

NOTE:  
UNITS SHOWN IN METERS.



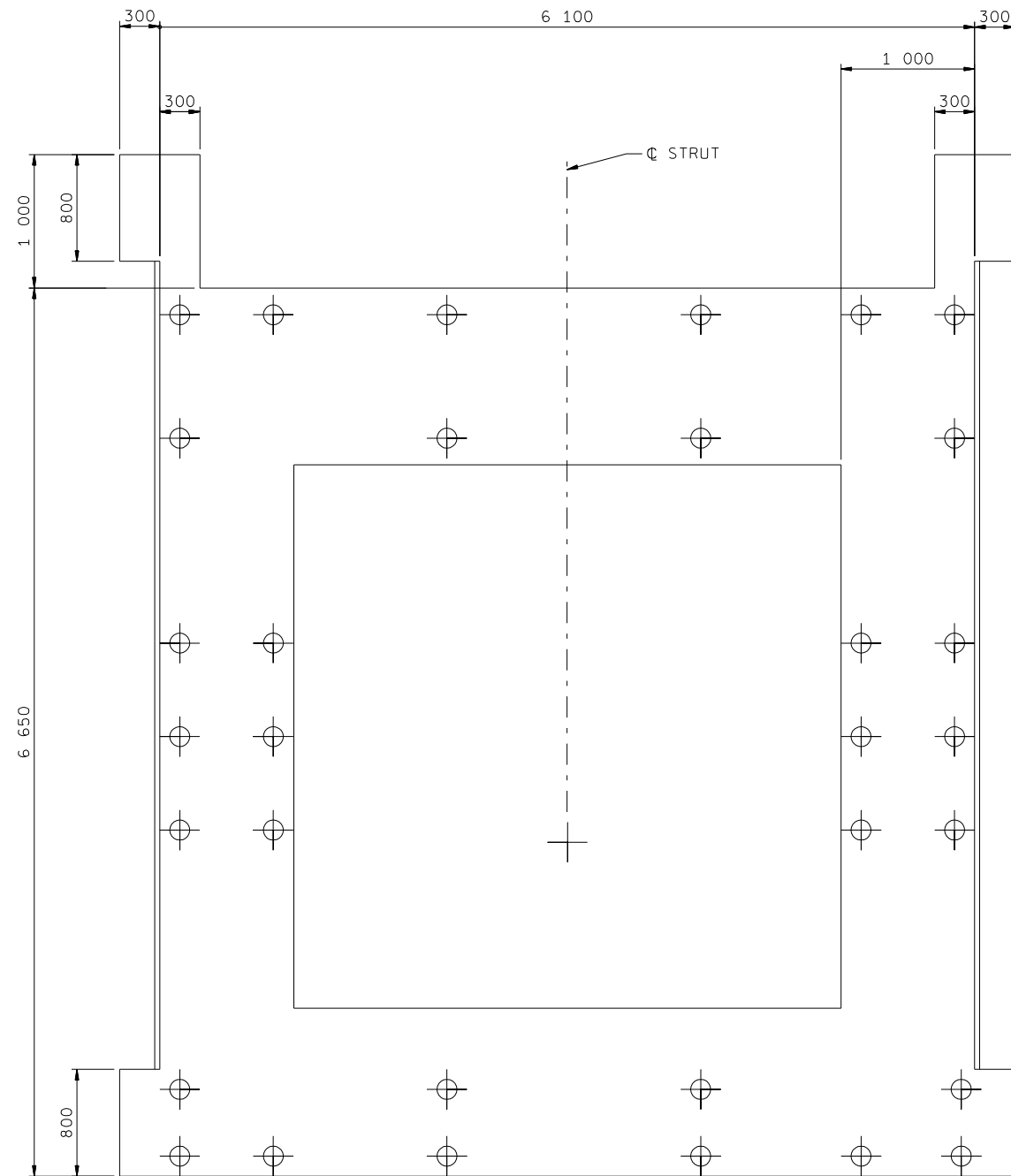
9/5/2007 11:54:30 AM

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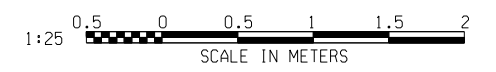
FILE NAME: DATE: CHECKED BY: DATE: CORRECTED BY: DATE:

REVISIONS			
NO.	DESCRIPTION	DATE	BY

NOTES:  
REINFORCING STEEL NOT SHOWN.



LEGEND:  
 POST TENSIONING STRAND

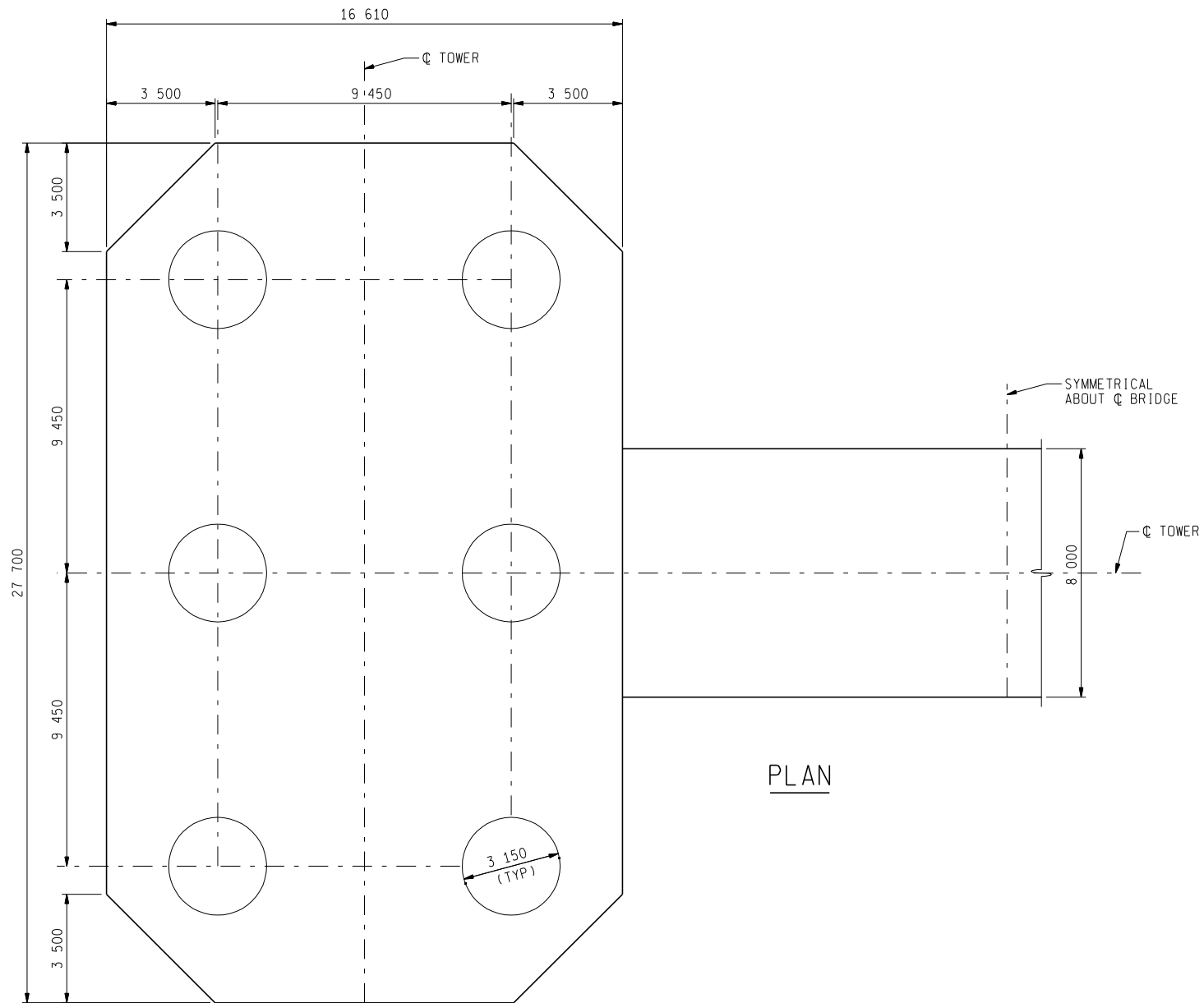


10/8/2007 7:19:24 AM

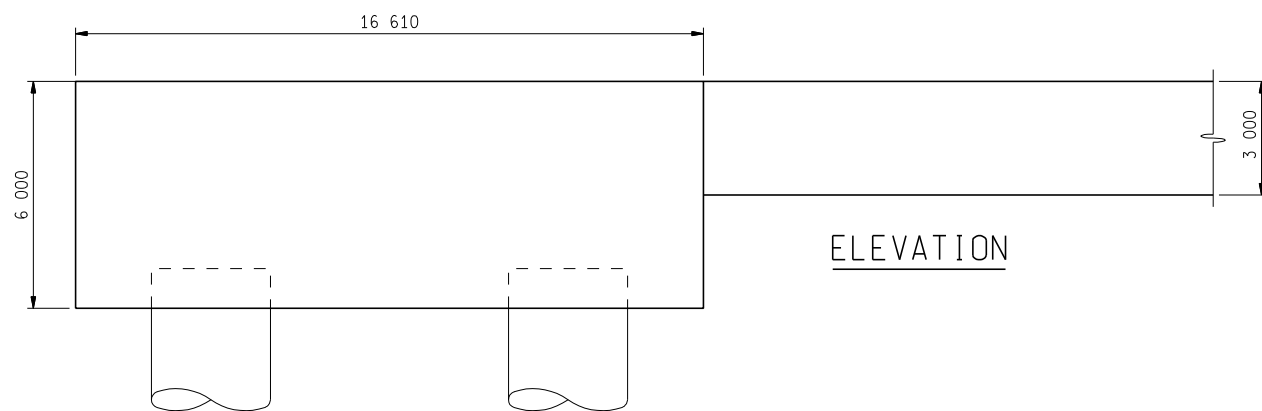
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DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ CORRECTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

REVISIONS			
NO.	DESCRIPTION	DATE	BY



PLAN



ELEVATION

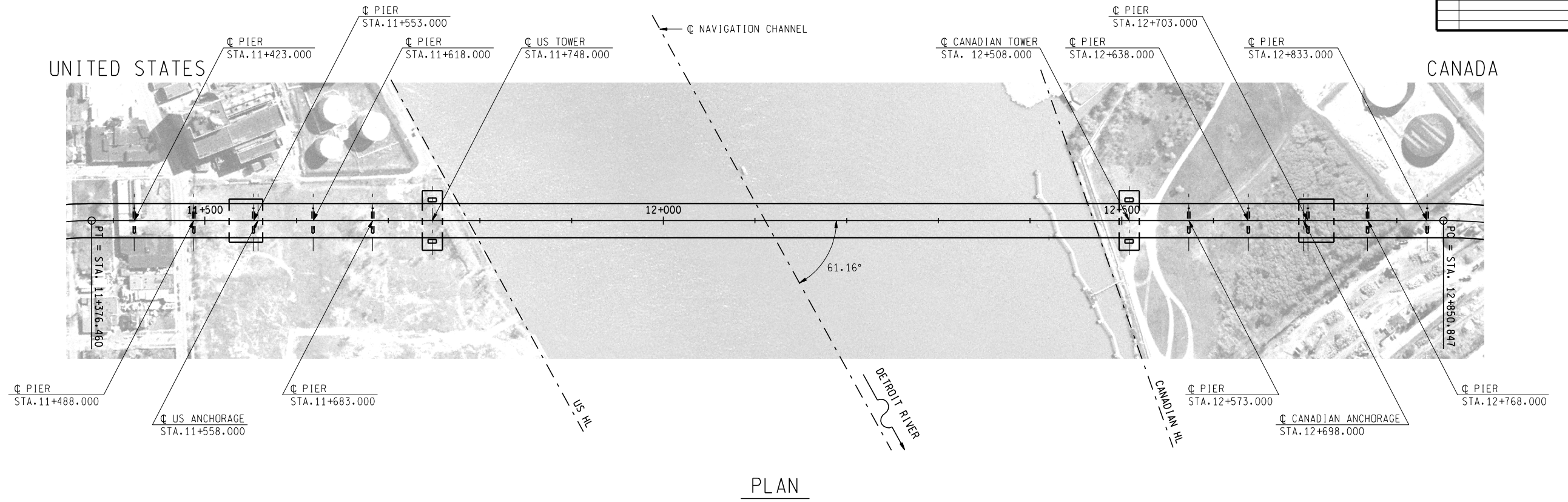
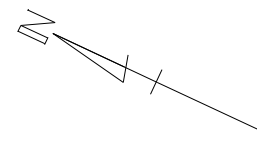


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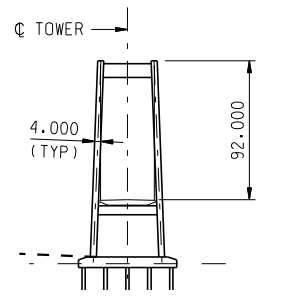
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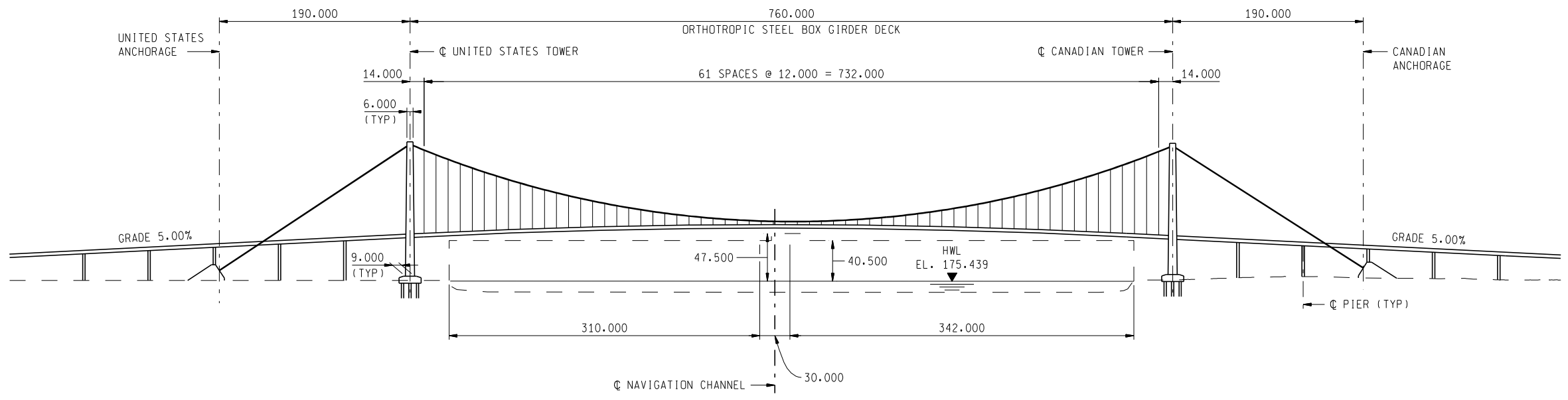
REVISIONS			
NO.	DESCRIPTION	DATE	BY



PLAN

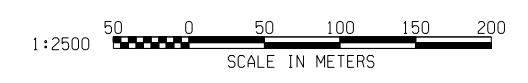


TOWER ELEVATION



ELEVATION

NOTES:  
1. ALL DIMENSIONS ARE IN METERS.

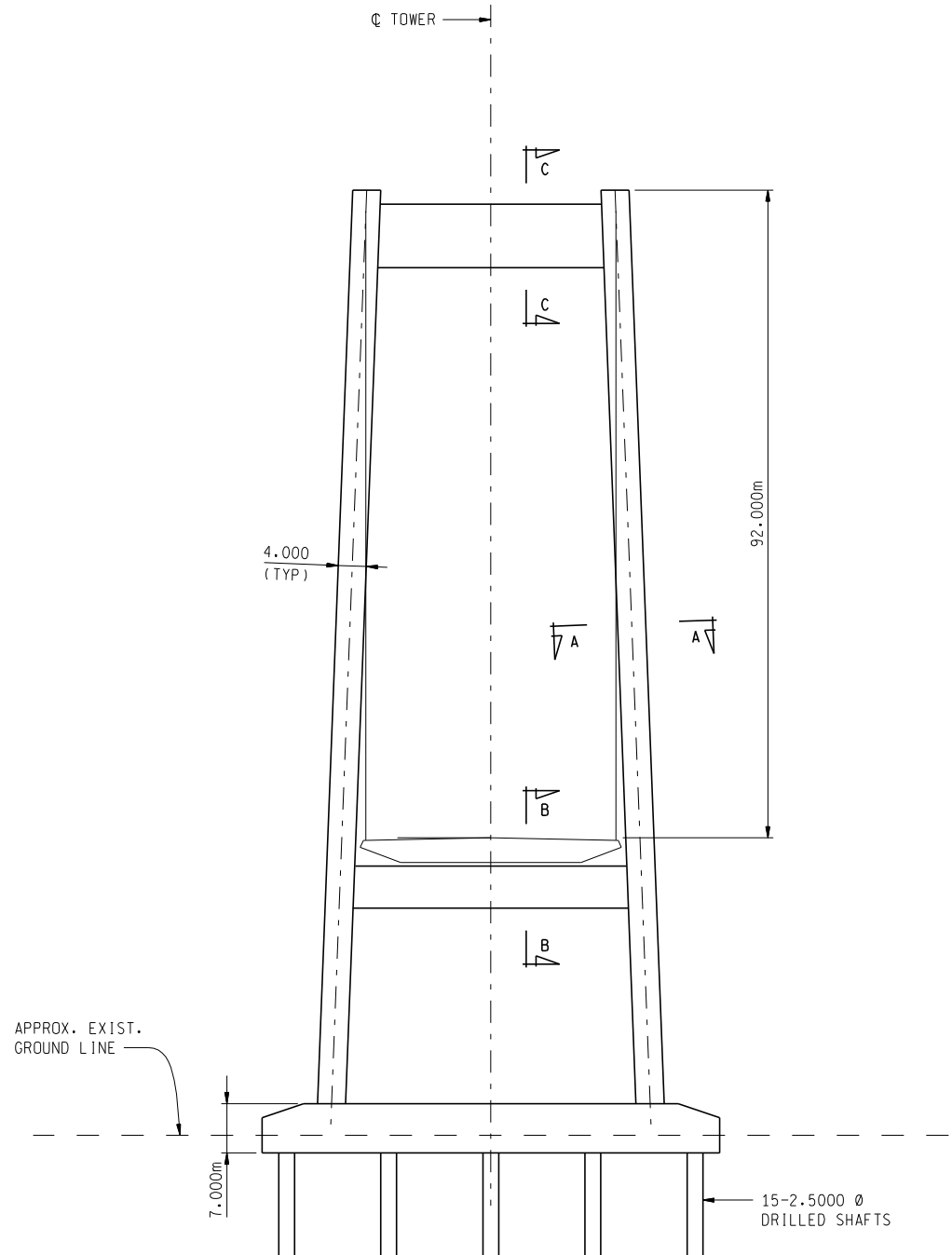


10/3/2007 4:36:36 PM

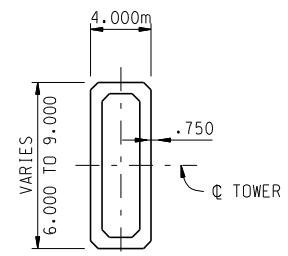
E:\Bridges\DRIC\dgn\x11c\_20a.dgn

DATE: \_\_\_\_\_ CORRECTED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_

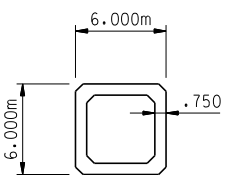
REVISIONS			
NO.	DESCRIPTION	DATE	BY



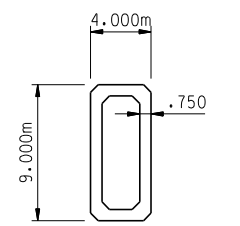
TOWER ELEVATION



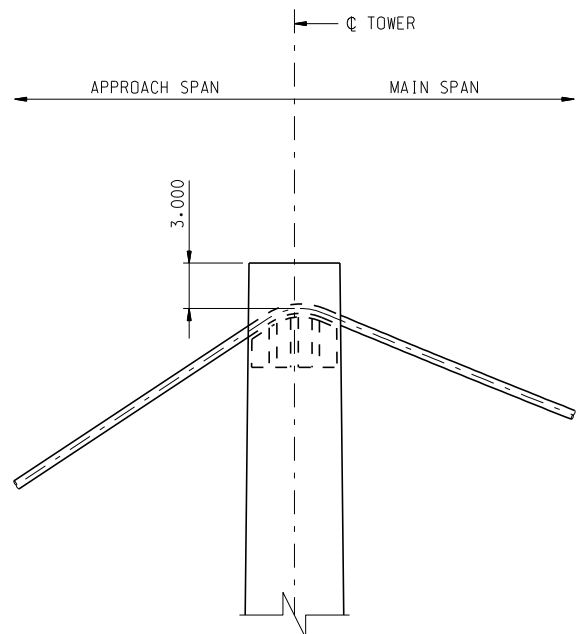
SECTION A-A



SECTION B-B



SECTION C-C



TOWER DETAIL

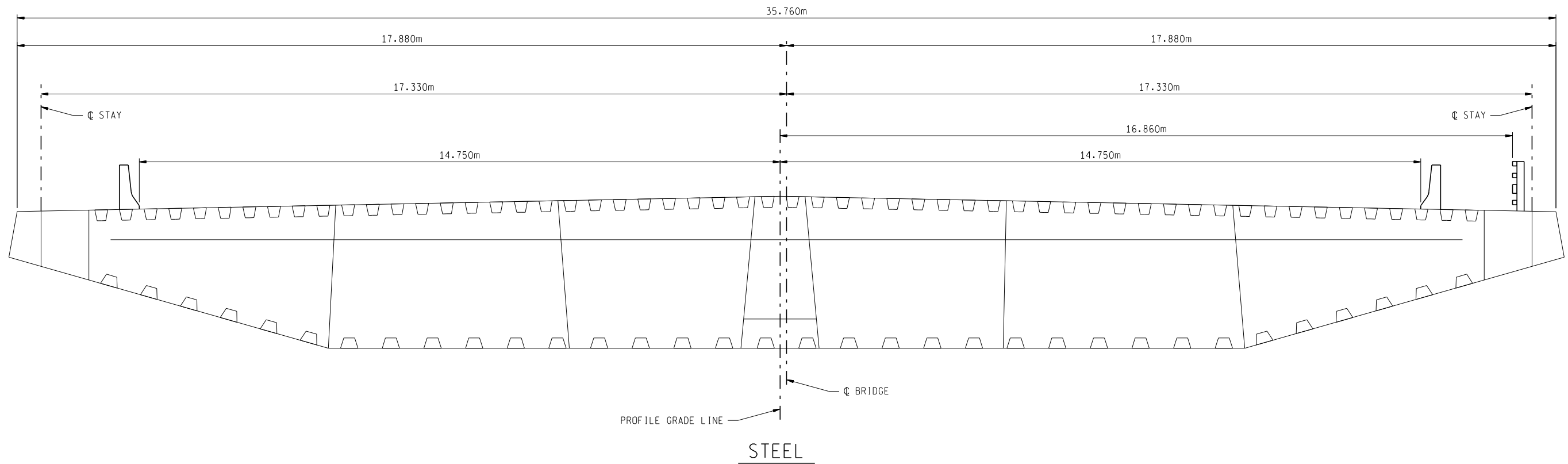
NOTES:  
1. ALL DIMENSIONS ARE IN METERS.

10/3/2007 4:36:38 PM

E:\Bridges\DRIC\dgn\11c\_2a\_tower.dgn

DATE: CORRECTED BY: CHECKED BY: DATE: DRAWN BY:

REVISIONS			
NO.	DESCRIPTION	DATE	BY

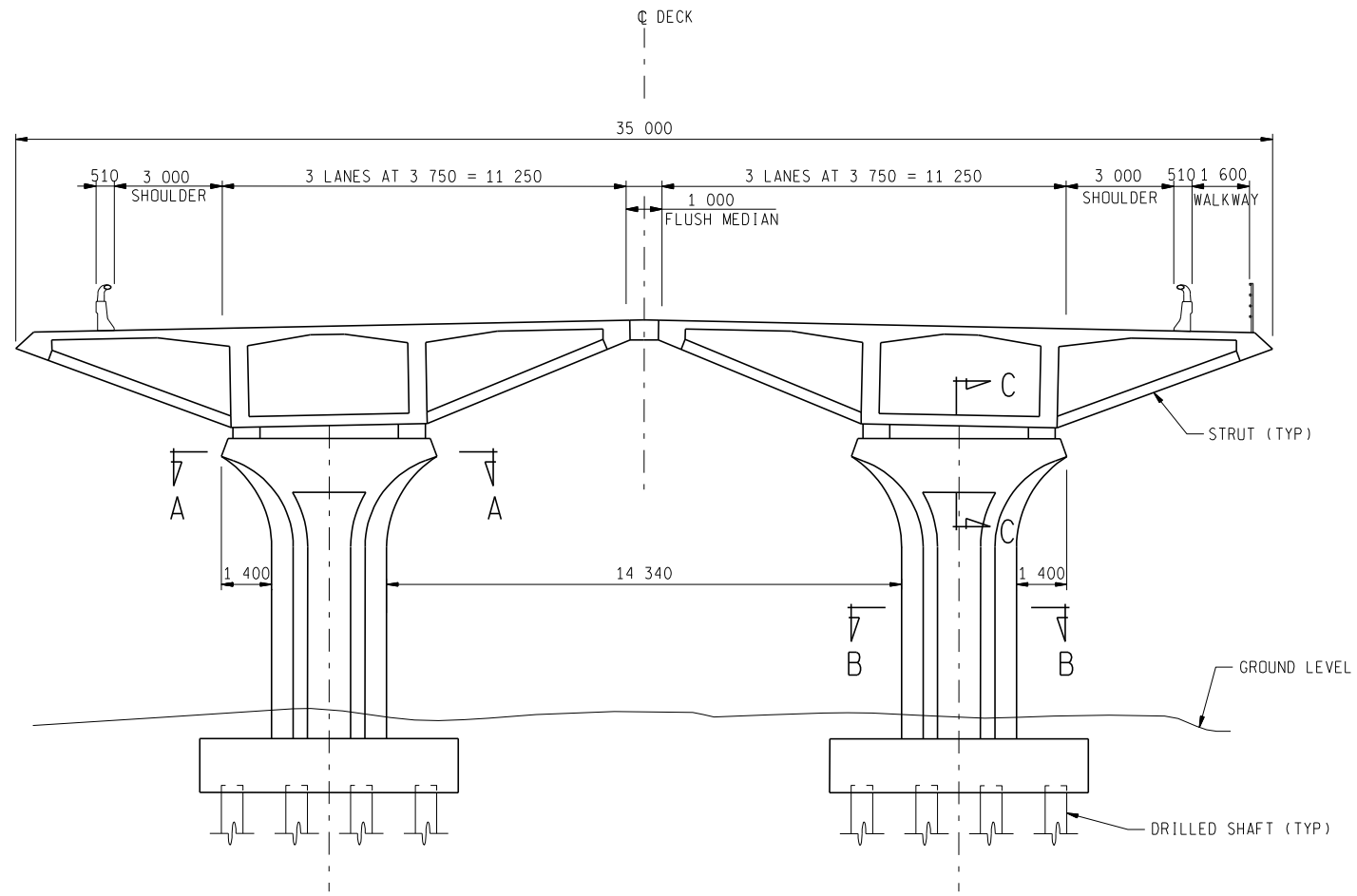


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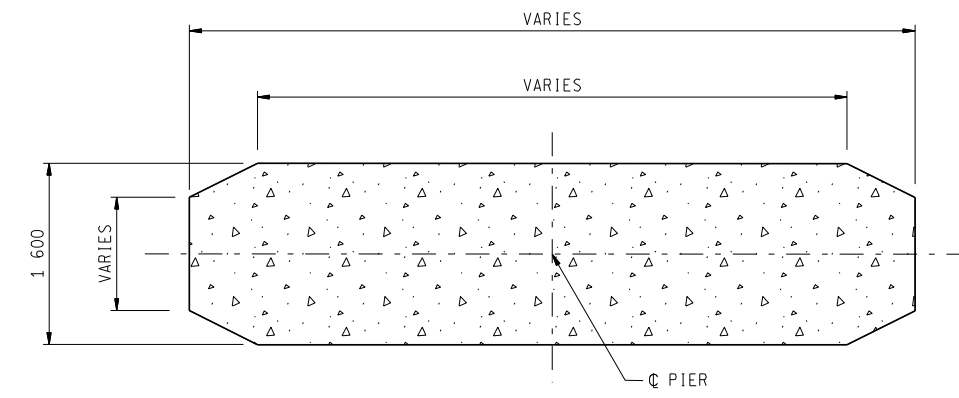
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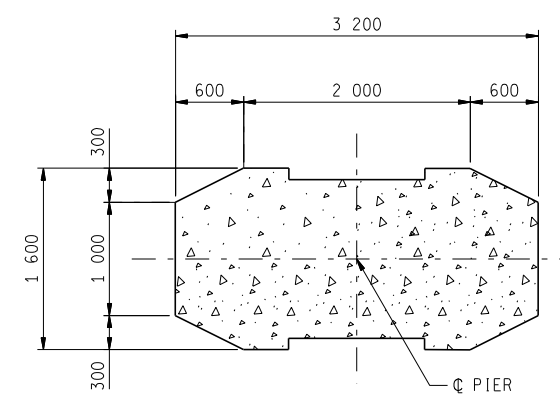
REVISIONS			
NO.	DESCRIPTION	DATE	BY



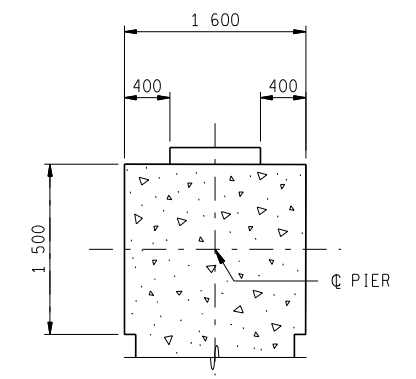
APPROACH PIER



SECTION A-A

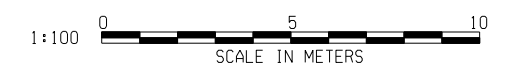


SECTION B-B



SECTION C-C

NOTE:  
UNITS SHOWN IN METERS.



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