

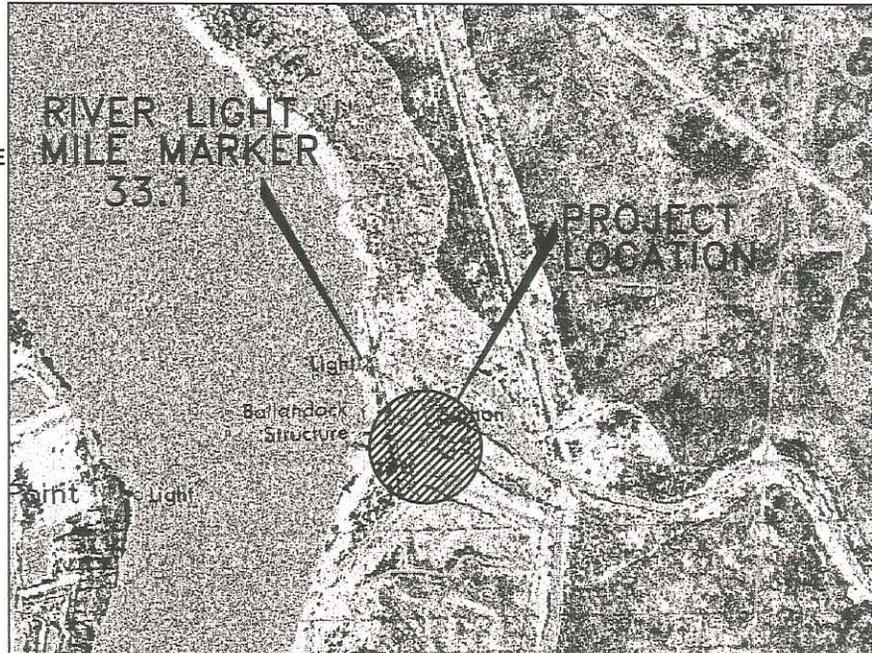
INDEX TO SHEETS

SHEET NO.    DESCRIPTION

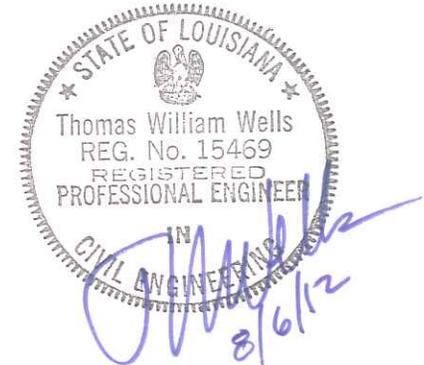
- 1    TITLE SHEET
- 2    PROJECT PLAN
- 3    NORTH STRUCTURE PLAN & SECTION
- 4    SOUTH STRUCTURE PLAN
- 5    SOUTH STRUCTURE SECTION
- 6    SOUTH STRUCTURE SECTION
- 7    NORTH & SOUTH STRUCTURE DETAILS
- 8    NORTH STRUCTURE DEMOLITION PLAN
- 9    SOUTH STRUCTURE DEMOLITION PLAN
- 10    DEMOLITION SECTIONS
- 11    NORTH STRUCTURE PEDESTRIAN BRIDGE

STATE OF LOUISIANA  
COASTAL PROTECTION AND RESTORATION AUTHORITY

**BAYOU LAMOQUE  
FLOODGATE REMOVAL**  
BS-13 (EB)  
PLAQUEMINES PARISH, LA.



ISSUED BY:  
Waldemar S. Nelson & Co.  
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AUGUST 6, 2012  
NOT FOR CONSTRUCTION



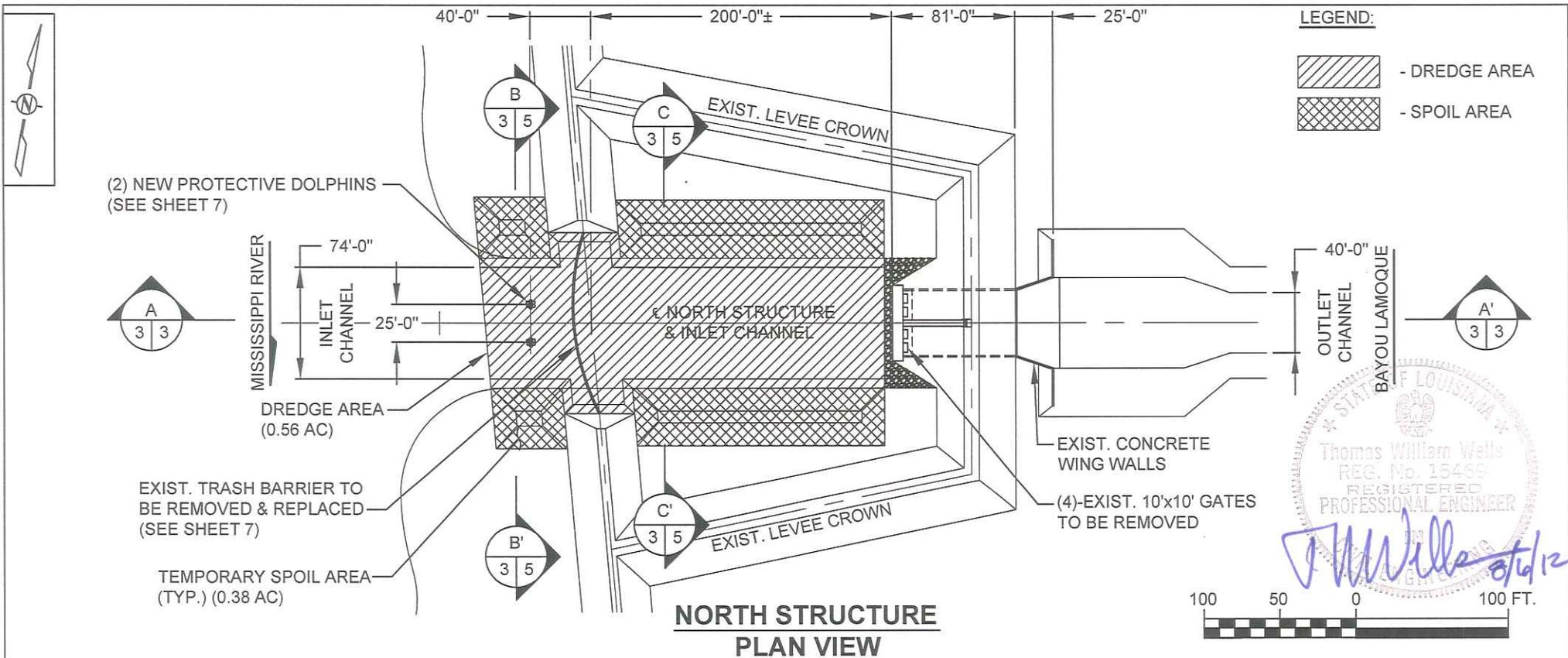
APPLICATION BY:	 WALDEMAR S. NELSON AND COMPANY <small>INCORPORATED ENGINEERS AND ARCHITECTS 1200 ST. CHARLES AVE.    NEW ORLEANS, LA.</small>	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	BAYOU LAMOQUE FLOODGATE REMOVAL	TITLE SHEET
DRAWN BY: PMc	DESIGNED BY: T.W. WELLS	APPROVED BY:	STATE PROJECT NUMBER: BS-13 (EB)	DATE: 8/6/12
			FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 1 OF 11



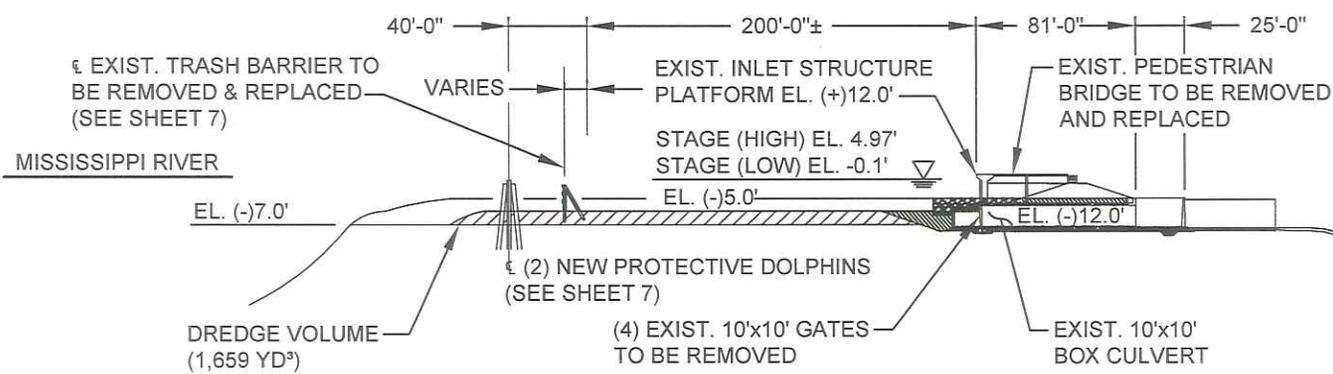
ISSUED BY:  
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<p>STATE OF LOUISIANA          APPLICATION BY:          Thomas Winston Wells          REG. No. 15469          REGISTERED          PROFESSIONAL ENGINEER          IN  <i>8/6/12</i></p>	<p><b>Nelson</b>          WALDEMAR S. NELSON AND COMPANY          INCORPORATED          ENGINEERS AND ARCHITECTS          1200 ST. CHARLES AVE. NEW ORLEANS, LA.</p>	<p><b>COASTAL PROTECTION          AND RESTORATION          AUTHORITY</b>          450 LAUREL STREET          BATON ROUGE, LOUISIANA 70801</p>	<p><b>BAYOU LAMOQUE          FLOODGATE REMOVAL</b></p>	<p><b>PROJECT          PLAN</b></p>
<p>DRAWN BY: PMG</p>	<p>DESIGNED BY: T.W. WELLS</p>	<p>APPROVED BY:</p>	<p>STATE PROJECT NUMBER: BS-13 (EB)          FEDERAL PROJECT NUMBER: BS-13 (EB)</p>	<p>DATE: 8/6/12          SHEET 2 OF 11</p>



**NORTH STRUCTURE  
PLAN VIEW**

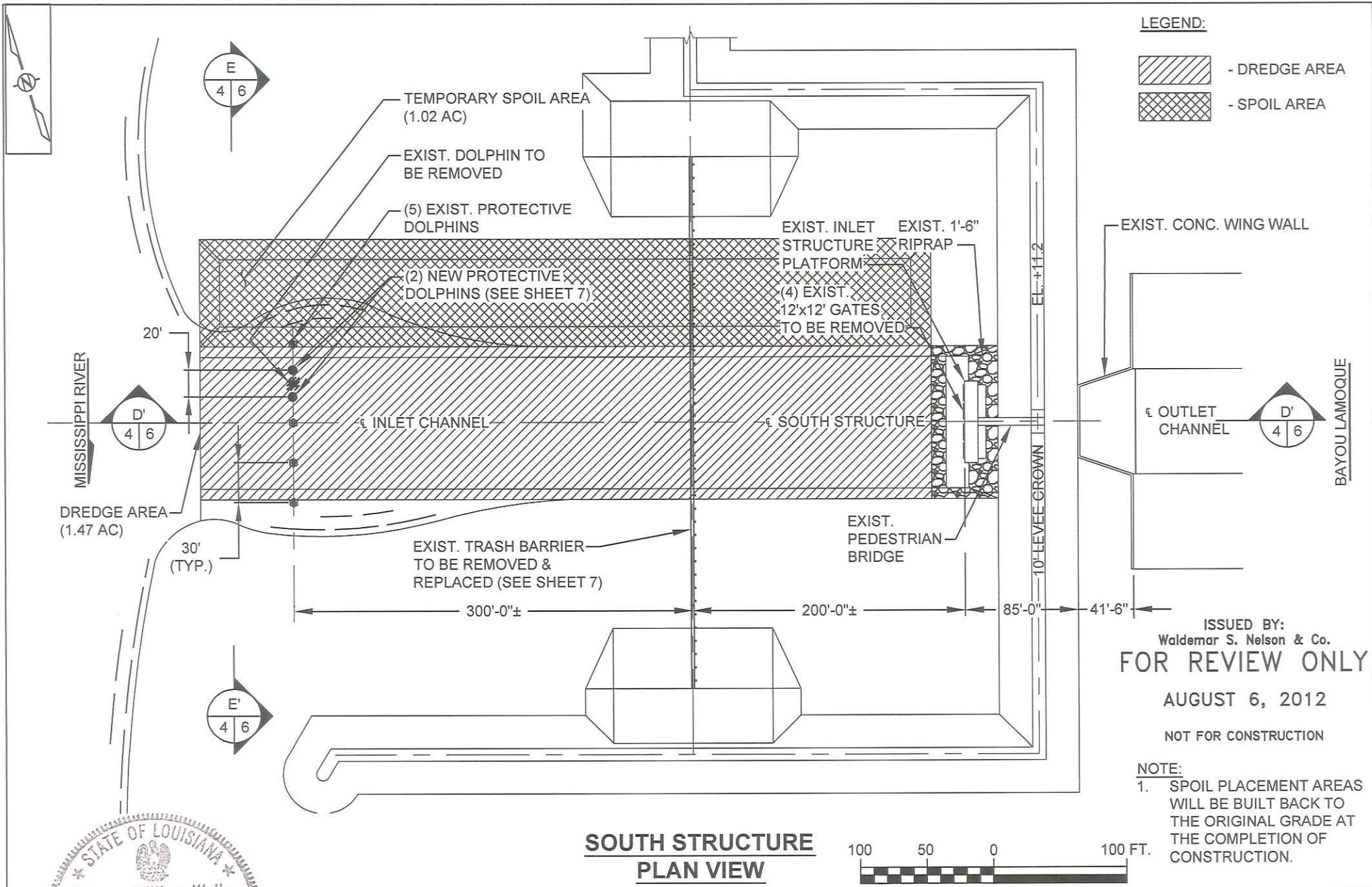


**SECTION A-A'**

**NOTE:**  
 1. ALL ELEVATIONS SHOWN REFER TO N.A.V.D. 88 DATUM.  
 2. SPOIL PLACEMENT AREAS WILL BE BUILT BACK TO THE ORIGINAL GRADE AT THE COMPLETION OF CONSTRUCTION.

**BAYOU LAMOQUE**  
 EL. (-)25.0' ISSUED BY:  
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 AUGUST 6, 2012  
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APPLICATION BY:  DRAWN BY: P.Mc.	 <b>WALDEMAR S. NELSON AND COMPANY</b> INCORPORATED ENGINEERS AND ARCHITECTS 1200 ST. CHARLES AVE. NEW ORLEANS, LA.	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	<b>BAYOU LAMOQUE FLOODGATE REMOVAL</b>  STATE PROJECT NUMBER: BS-13 (EB)  FEDERAL PROJECT NUMBER: BS-13 (EB)	<b>NORTH STRUCTURE PLAN AND SECTION</b>  DATE: 8/6/12  SHEET 3 OF 11
	DESIGNED BY: T.W. WELLS	APPROVED BY:		



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**NOTE:**  
 1. SPOIL PLACEMENT AREAS WILL BE BUILT BACK TO THE ORIGINAL GRADE AT THE COMPLETION OF CONSTRUCTION.

STATE OF LOUISIANA  
 Thomas William Wells  
 REG. APPLICATION # 69  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL ENGINEERING  
 8/6/12

**Nelson**  
 WALDEMAR S. NELSON AND COMPANY  
 INCORPORATED  
 ENGINEERS AND ARCHITECTS  
 1200 ST. CHARLES AVE. NEW ORLEANS, LA.

**COASTAL PROTECTION AND RESTORATION AUTHORITY**  
 450 LAUREL STREET  
 BATON ROUGE, LOUISIANA 70801

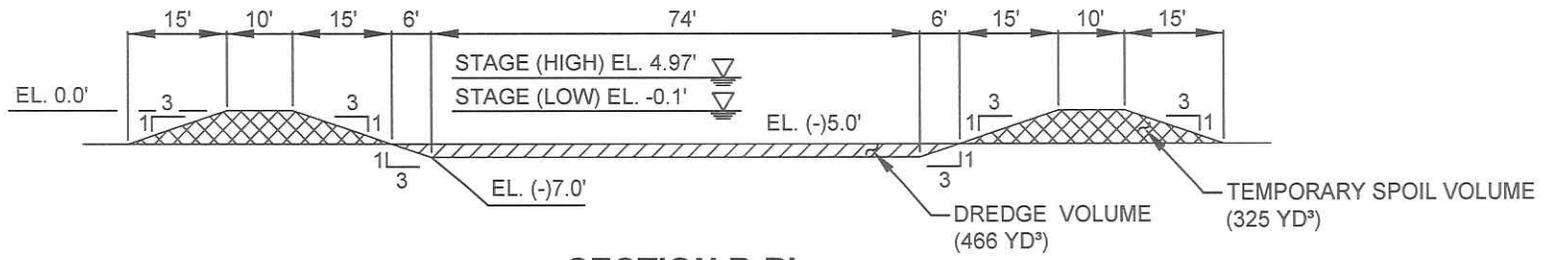
**BAYOU LAMOQUE FLOODGATE REMOVAL**  
 STATE PROJECT NUMBER: BS-13 (EB)  
 FEDERAL PROJECT NUMBER: BS-13 (EB)

**SOUTH STRUCTURE PLAN**  
 DATE: 8/6/12  
 SHEET 4 OF 11

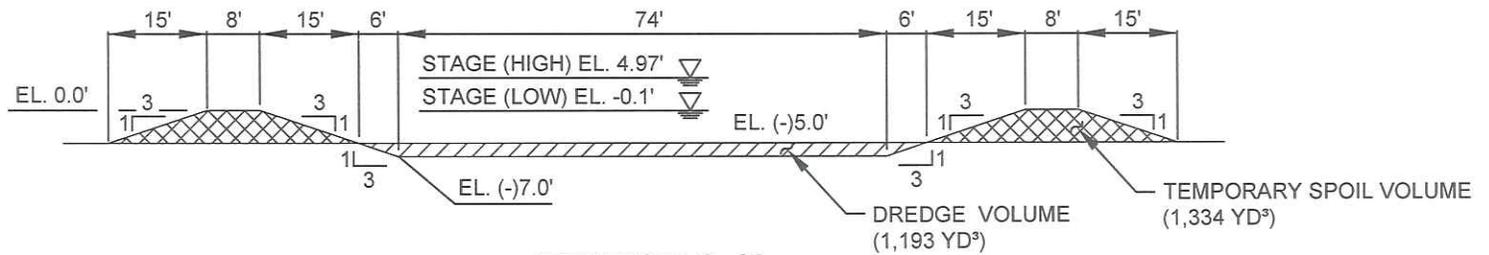
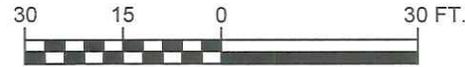
DRAWN BY: P.M.C.

DESIGNED BY: T.W. WELLS

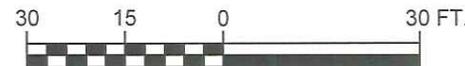
APPROVED BY:



**SECTION B-B'**



**SECTION C-C'**



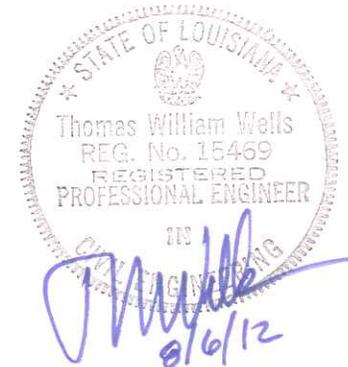
**NOTE:**

1. ALL ELEVATIONS SHOWN REFER TO N.A.V.D. 88 DATUM.
2. TOTAL DREDGE VOLUME AND TEMPORARY SPOIL VOLUME IS 1,659 YD<sup>3</sup>.
3. CONSTRUCTION / EQUIPMENT BARGE DRAFT IS 5.5'.
4. STAGE ELEVATIONS SHOWN ARE MEAN HIGH AND LOW WATER ELEVATIONS TAKEN AT THE EMPIRE, LA GAGE STATION FROM 2007 TO 2012.

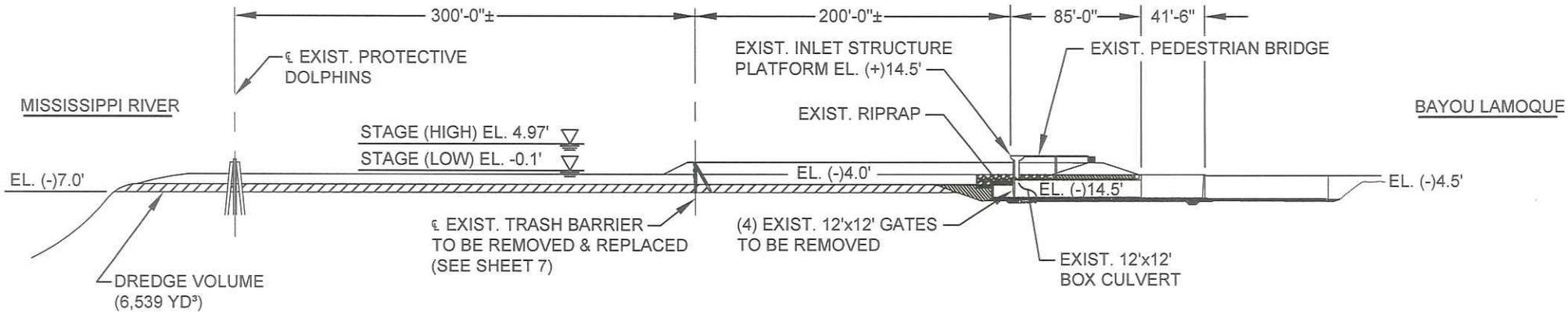
ISSUED BY:  
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AUGUST 6, 2012

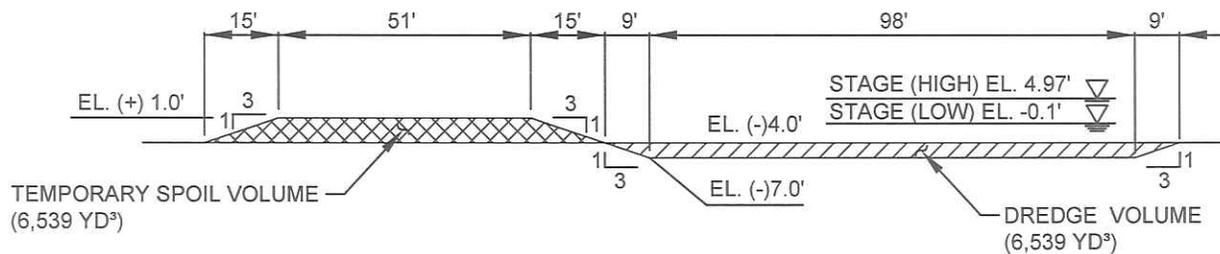
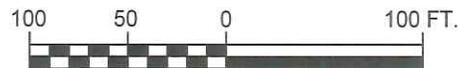
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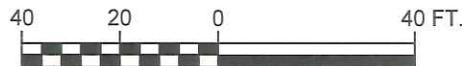
APPLICATION BY:	 <b>WALDEMAR S. NELSON AND COMPANY</b> <small>INCORPORATED</small> <small>ENGINEERS AND ARCHITECTS</small> <small>1200 ST. CHARLES AVE. NEW ORLEANS, LA.</small>	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> <small>450 LAUREL STREET</small> <small>BATON ROUGE, LOUISIANA 70801</small>	<b>BAYOU LAMOQUE FLOODGATE REMOVAL</b>	<b>SOUTH STRUCTURE SECTIONS</b>
DRAWN BY: P.Mc.	DESIGNED BY: T.W. WELLS	APPROVED BY:	STATE PROJECT NUMBER: BS-13 (EB)	DATE: 8/6/12
			FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 5 OF 11



**SECTION D-D'**



**SECTION E-E'**



**NOTE:**

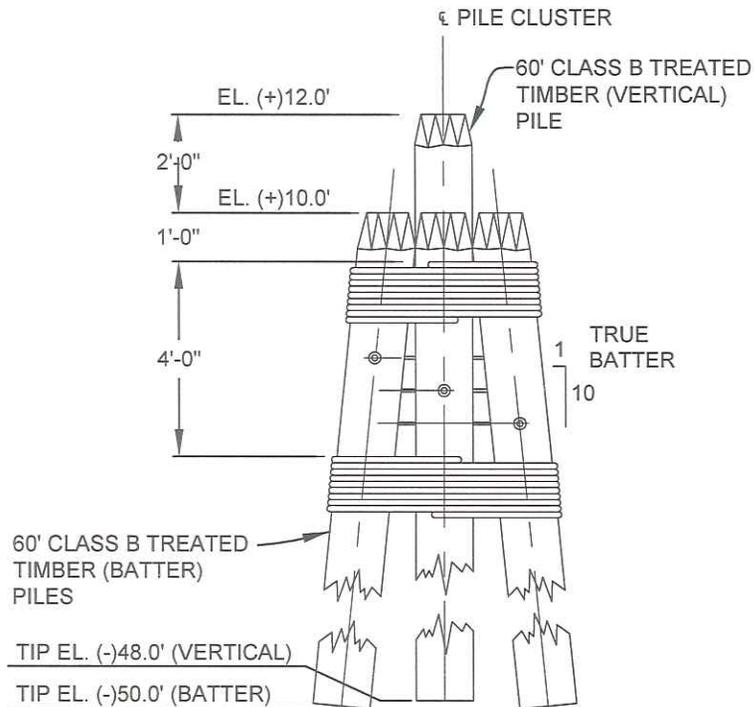
1. ALL ELEVATIONS SHOWN REFER TO N.A.V.D. 88 DATUM.
2. TOTAL DREDGE AND TEMPORARY SPOIL VOLUME IS 6,539 YD<sup>3</sup>.
3. CONSTRUCTION / EQUIPMENT BARGE DRAFT IS 5.5'.
4. STAGE ELEVATIONS SHOWN ARE MEAN HIGH AND LOW WATER ELEVATIONS TAKEN AT THE EMPIRE, LA GAGE STATION FROM 2007 TO 2012.

ISSUED BY:  
 Waldemar S. Nelson & Co.  
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 AUGUST 6, 2012  
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APPLICATION BY:	 <b>WALDEMAR S. NELSON AND COMPANY</b> <small>INCORPORATED</small> <small>ENGINEERS AND ARCHITECTS</small> <small>1200 ST. CHARLES AVE. NEW ORLEANS, LA.</small>	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> <small>450 LAUREL STREET</small> <small>BATON ROUGE, LOUISIANA 70801</small>	<b>BAYOU LAMOQUE FLOODGATE REMOVAL</b>	<b>SOUTH STRUCTURE SECTIONS</b>
DRAWN BY: P.Mc.	DESIGNED BY: T.W. WELLS	APPROVED BY:	STATE PROJECT NUMBER: BS-13 (EB)	DATE: 8/6/12
			FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 6 OF 11

NOTE:  
1. ALL ELEVATIONS SHOWN REFER TO N.A.V.D. 88 DATUM.

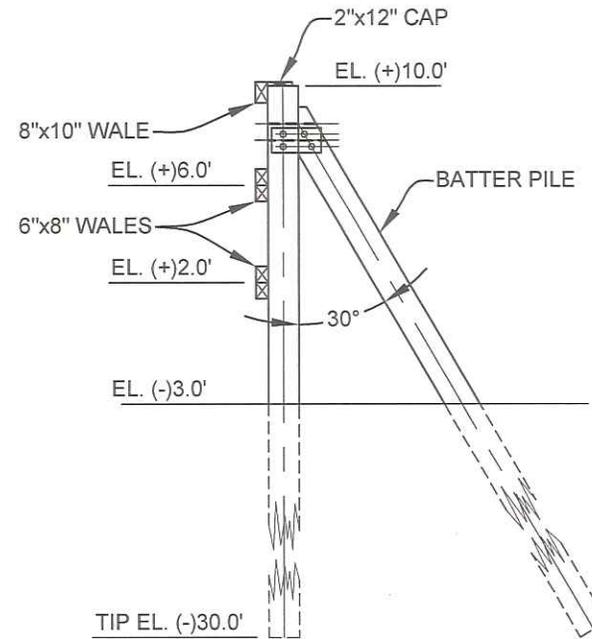


NOTE:

TWO (2) REQUIRED AT NORTH STRUCTURE.  
TWO (2) REQUIRED AT SOUTH STRUCTURE.

**ELEVATION**

**7-PILE PROTECTIVE DOLPHIN**

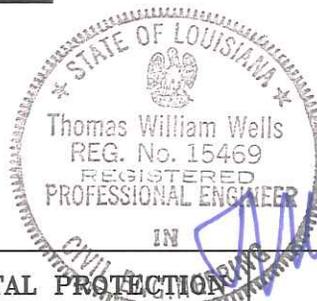


**SECTION**

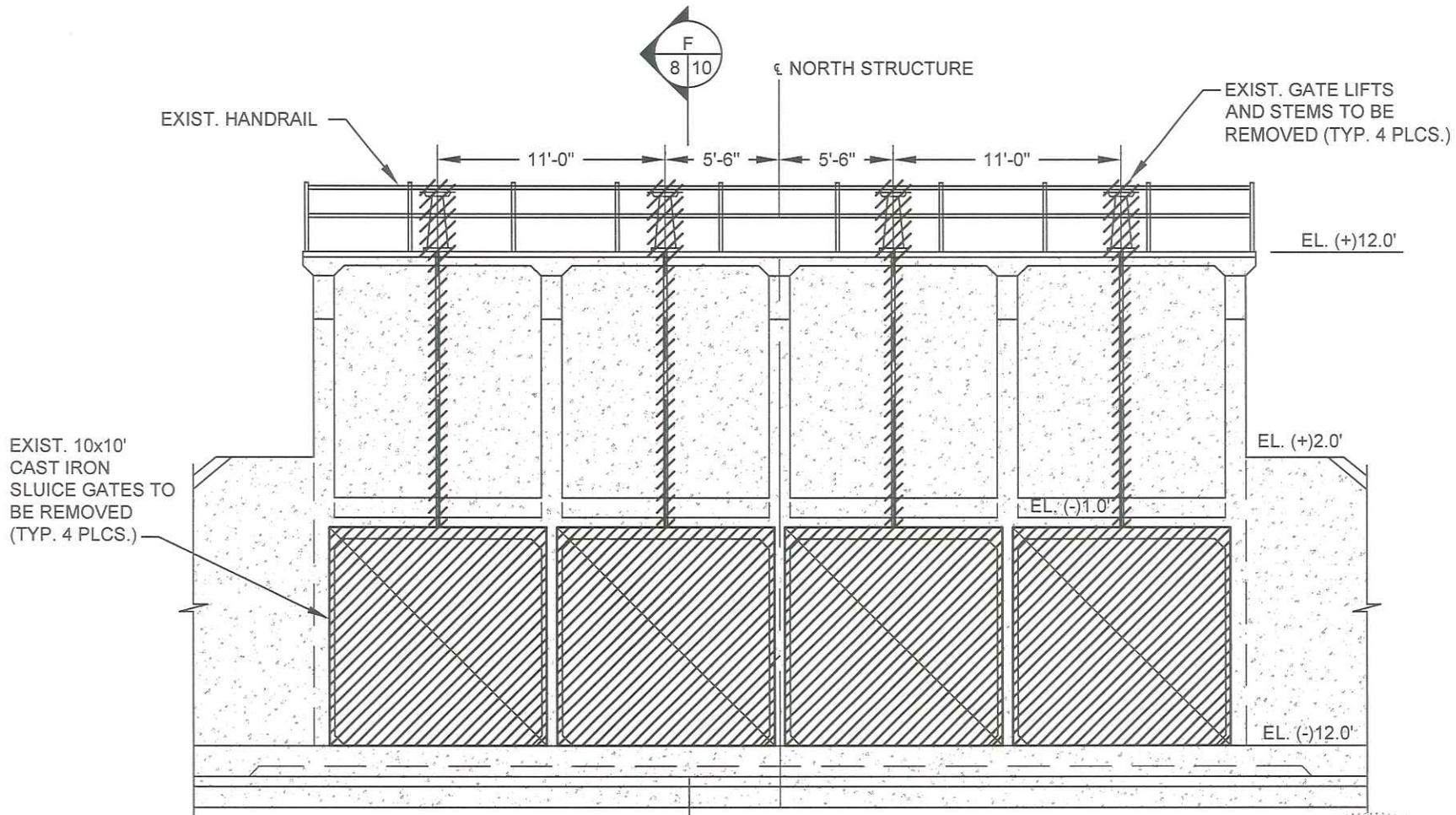
**TRASH BARRIER PILE DETAIL**



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DRAWN BY: P.Mc.	DESIGNED BY: T.W. WELLS	APPROVED BY:	STATE PROJECT NUMBER: BS-13 (EB)	DATE: 8/6/12
			FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 7 OF 11



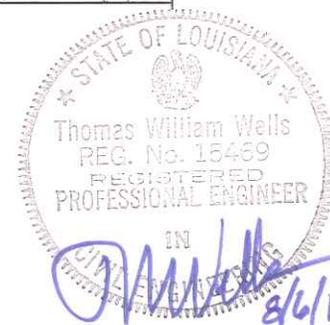
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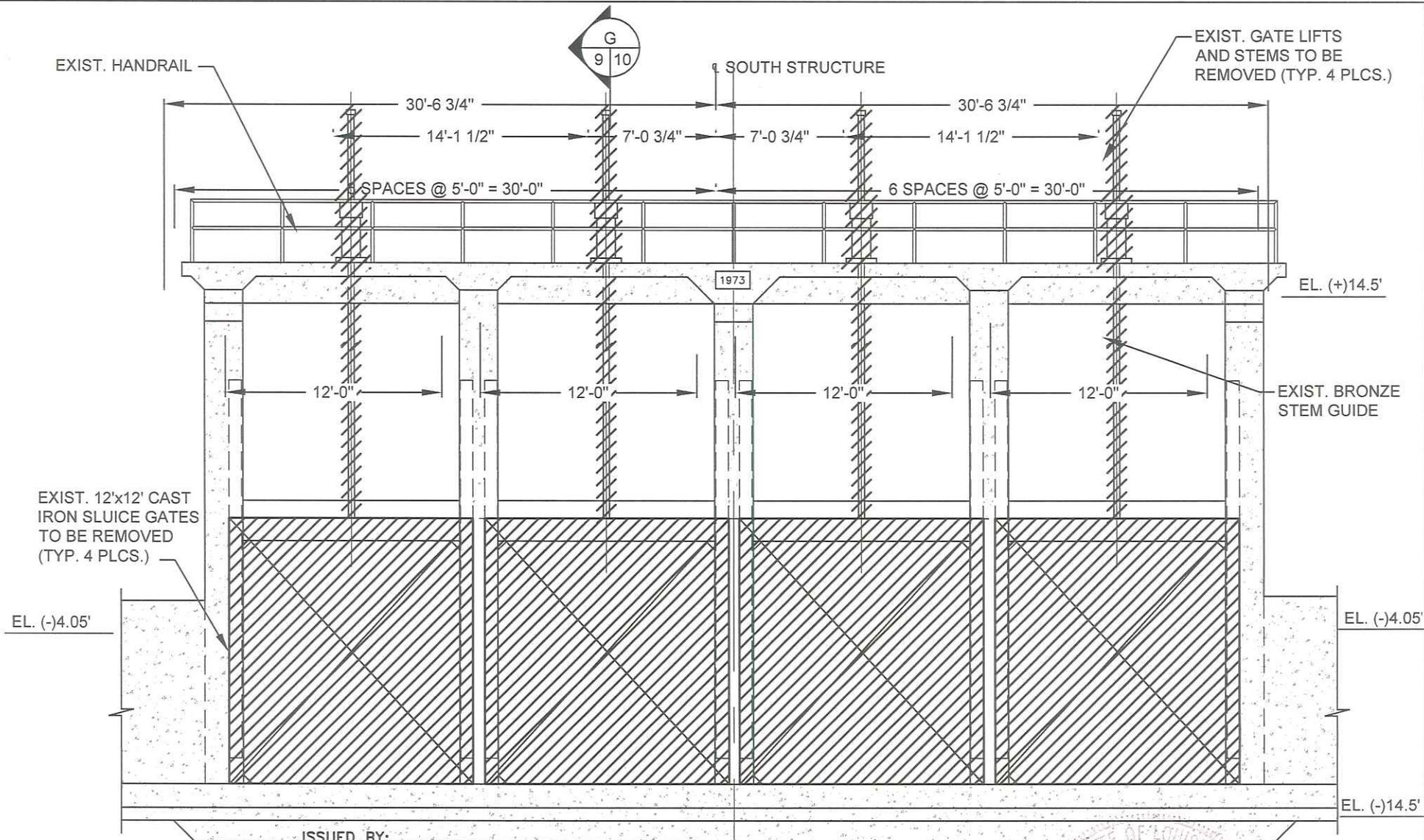
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**ELEVATION**

1/8" = 1'-0"



APPLICATION BY:	 <b>WALDEMAR S. NELSON AND COMPANY</b> <small>INCORPORATED</small> <small>ENGINEERS AND ARCHITECTS</small> <small>1200 ST. CHARLES AVE. NEW ORLEANS, LA.</small>	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> <small>450 LAUREL STREET</small> <small>BATON ROUGE, LOUISIANA 70801</small>	<b>BAYOU LAMOQUE FLOODGATE REMOVAL</b>	<b>NORTH STRUCTURE DEMOLITION PLAN</b>
DRAWN BY: P.Mc.	DESIGNED BY: T.W. WELLS	APPROVED BY:	STATE PROJECT NUMBER: BS-13 (EB)	DATE: 8/6/12
			FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 8 OF 11



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AUGUST 6, 2012

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**ELEVATION**

1/8" = 1'-0"

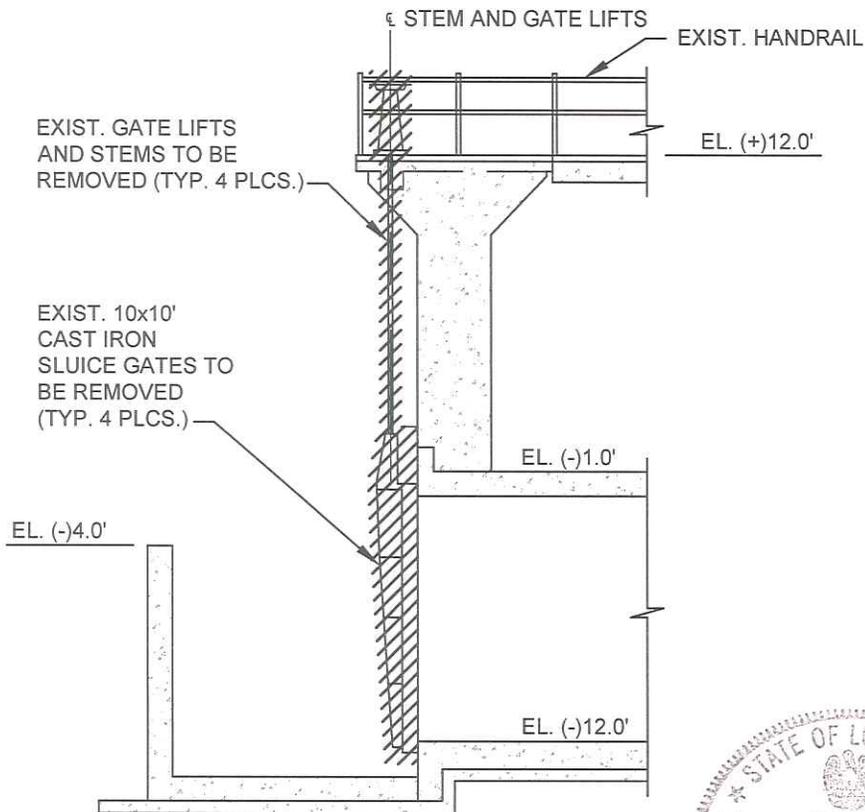
STATE OF LOUISIANA  
 Thomas William Wells  
 REG. No. 15469  
 REGISTERED  
 PROFESSIONAL ENGINEER  
*8/6/12*

APPLICATION BY:	 <b>WALDEMAR S. NELSON AND COMPANY</b> <small>INCORPORATED</small> <small>ENGINEERS AND ARCHITECTS</small> <small>1200 ST. CHARLES AVE. NEW ORLEANS, LA.</small>	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> <small>450 LAUREL STREET</small> <small>BATON ROUGE, LOUISIANA 70801</small>	BAYOU LAMOQUE FLOODGATE REMOVAL SOUTH STRUCTURE DEMOLITION PLAN <small>STATE PROJECT NUMBER: BS-13 (EB)</small>	<small>DATE: 8/6/12</small>
DRAWN BY: P.Mc.	DESIGNED BY: T.W. WELLS	APPROVED BY:	FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 9 OF 11

ISSUED BY:  
Waldemar S. Nelson & Co.  
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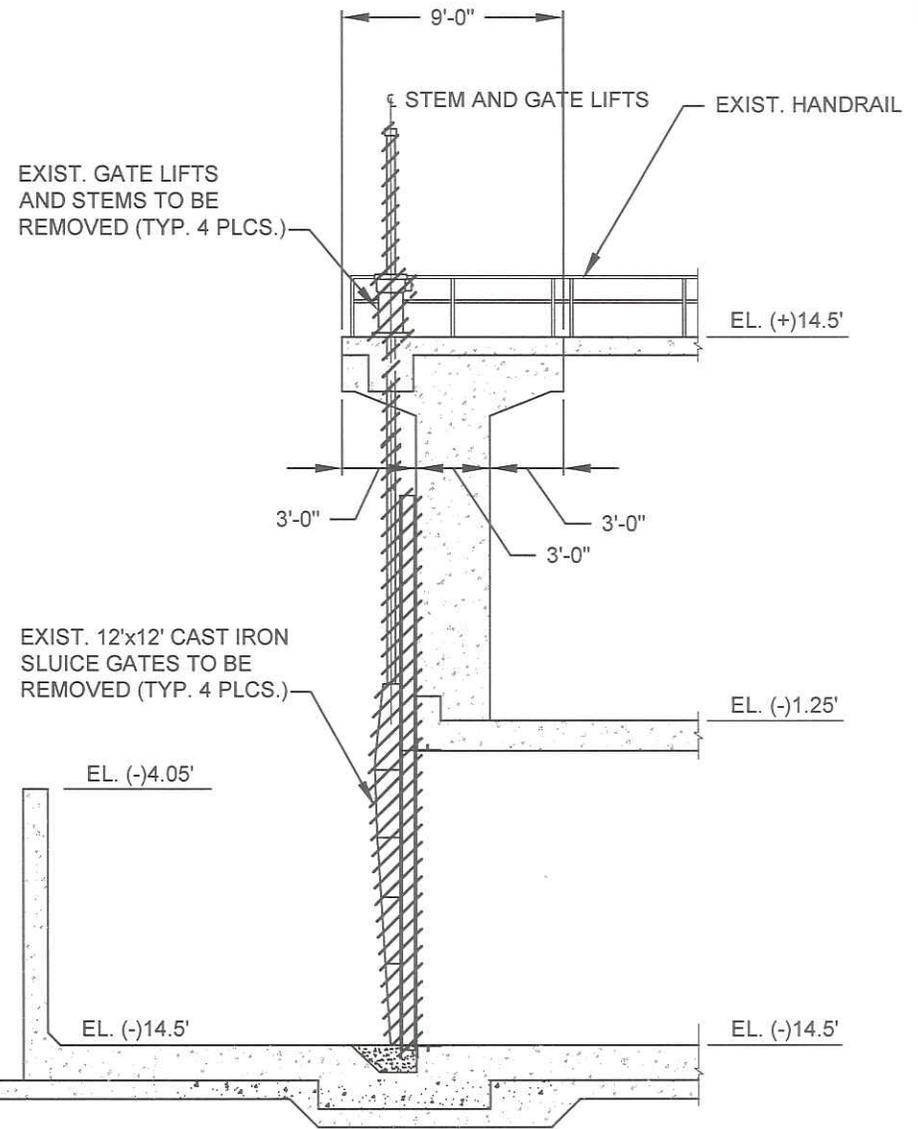
AUGUST 6, 2012

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**SECTION F-F'**

1/8" = 1'-0"

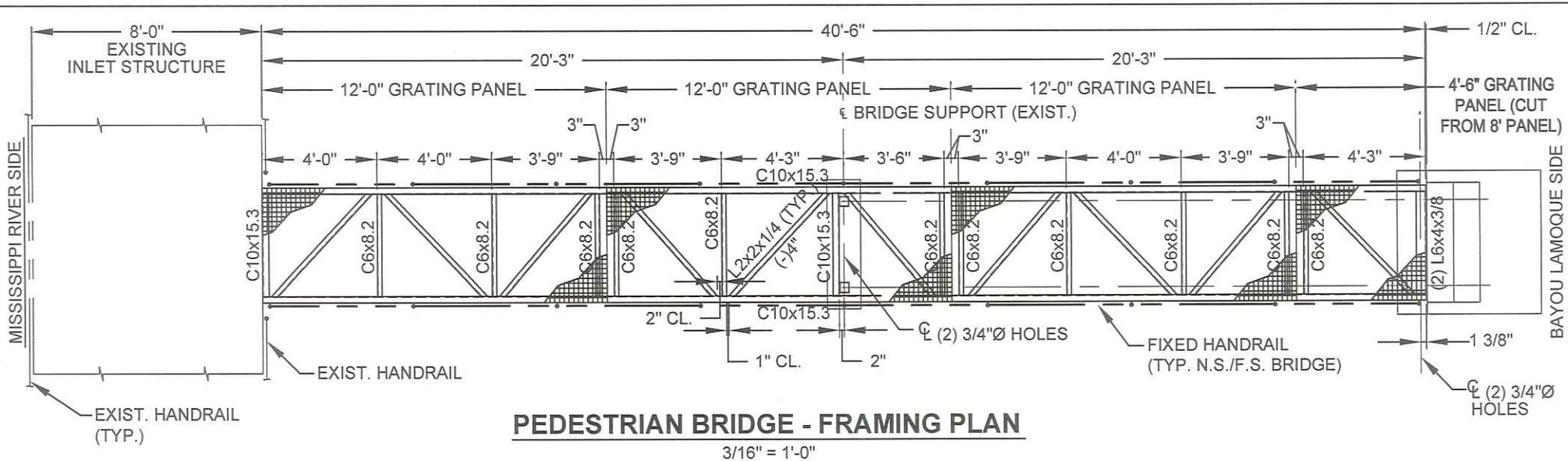


**SECTION G-G'**

1/8" = 1'-0"

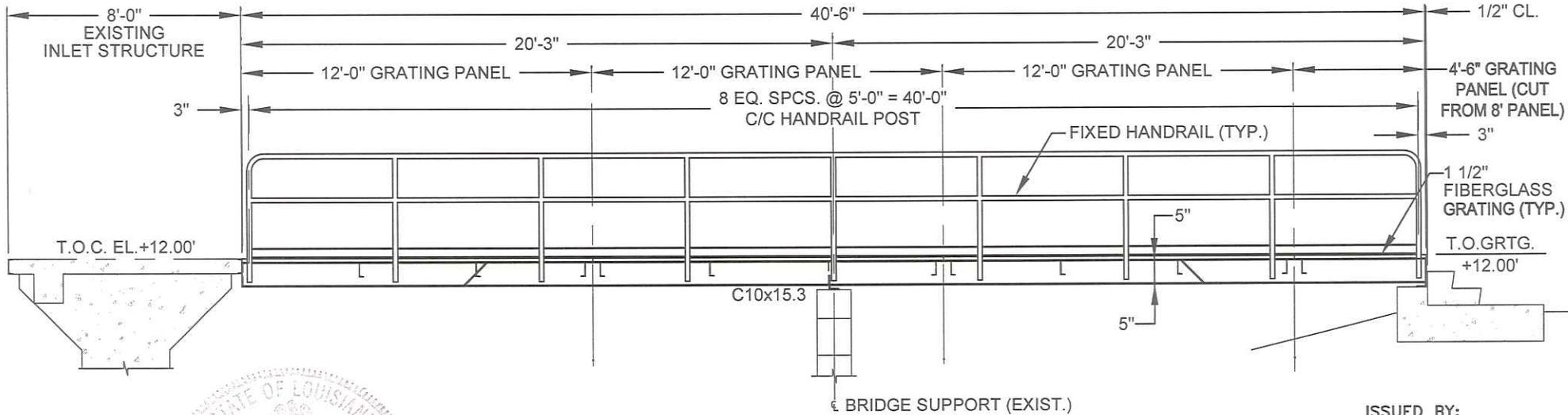


APPLICATION BY:	 <b>WALDEMAR S. NELSON AND COMPANY</b> <small>INCORPORATED</small> <small>ENGINEERS AND ARCHITECTS</small> <small>1200 ST. CHARLES AVE. NEW ORLEANS, LA.</small>	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> <small>450 LAUREL STREET</small> <small>BATON ROUGE, LOUISIANA 70801</small>	BAYOU LAMOQUE FLOODGATE REMOVAL	DEMOLITION SECTIONS
DRAWN BY: P.Mc.	DESIGNED BY: T.W. WELLS	APPROVED BY:	STATE PROJECT NUMBER: BS-13 (EB)	DATE: 8/6/12
			FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 10 OF 11



**PEDESTRIAN BRIDGE - FRAMING PLAN**

3/16" = 1'-0"



**PEDESTRIAN BRIDGE - FRAMING ELEVATION**

3/16" = 1'-0"

STATE OF LOUISIANA  
 Thomas William Wells  
 REG. No. 15469  
 REGISTERED  
 PROFESSIONAL ENGINEER  
 IN  
 CIVIL ENGINEERING  
*T.W. Wells*  
 8/6/12

ISSUED BY:  
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APPLICATION BY:	 WALDEMAR S. NELSON AND COMPANY INCORPORATED ENGINEERS AND ARCHITECTS 1200 ST. CHARLES AVE. NEW ORLEANS, LA.	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	BAYOU LAMOQUE FLOODGATE REMOVAL	NORTH STRUCTURE PEDESTRIAN BRIDGE
DRAWN BY: P.Mc.	DESIGNED BY: T.W. WELLS	APPROVED BY:	STATE PROJECT NUMBER: BS-13 (EB)	DATE: 8/6/12
			FEDERAL PROJECT NUMBER: BS-13 (EB)	SHEET 11 OF 11