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02 Mar 10 - 7:23am



# Reinventing the Crescent - Downriver Park

## Marine Repair

New Orleans, Louisiana

REINVENTING THE CRESCENT  
DOWNRIVER PARK  
NEW ORLEANS BUILDING CORPORATION, CLIENT  
NEW ORLEANS, LOUISIANA 70117  
ELYSIAN FIELDS TO MAZANT STREET

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Date: 2 MARCH 2010



E+D+R No. 08012  
Drawn By: RIVERA  
Drawing Title:  
COVER SHEET  
MARINE REPAIR

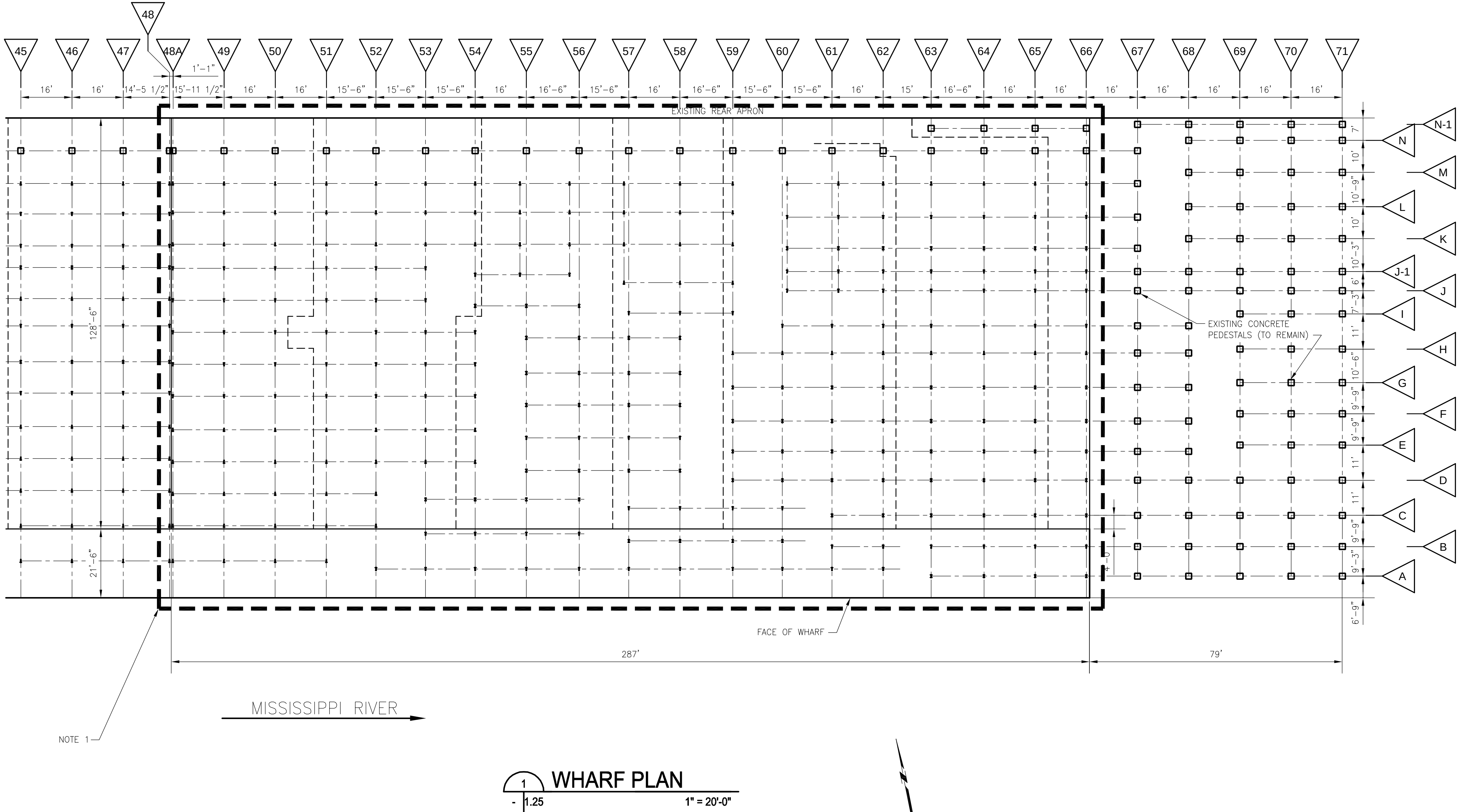
Sheet No:

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| Eskew + Dumez + Ripple       | Executive Architect | New Orleans, LA | www.studioedr.com  |
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| Michael Maltzan Architecture | Associate Architect | Los Angeles, CA | www.mmalztan.com   |
| Adjaye & Associates          | Associate Architect | New York, NY    | www.adjaye.com     |



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01 Mar 10 - 2:23pm

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| <b>Nelson</b> WALDEMAR S. NELSON AND COMPANY |          |                                  |             |
| INCORPORATED                                 |          |                                  |             |
| ENGINEERS AND ARCHITECTS                     |          |                                  |             |
| 1200 ST. CHARLES AVE. NEW ORLEANS, LA.       |          |                                  |             |
| DATE                                         | SCALE    | JOB NO.                          | DRAWING NO. |
| 09/30/09                                     | A5 SHOWN | 20090216                         | 1.25        |
| DESIGNED BY: AWB                             |          | REGISTRATION NO. 29414 STATE: LA |             |
| ACAD FILE NO. 1.25.DWG                       |          | PLOT: 100% 11x17                 |             |

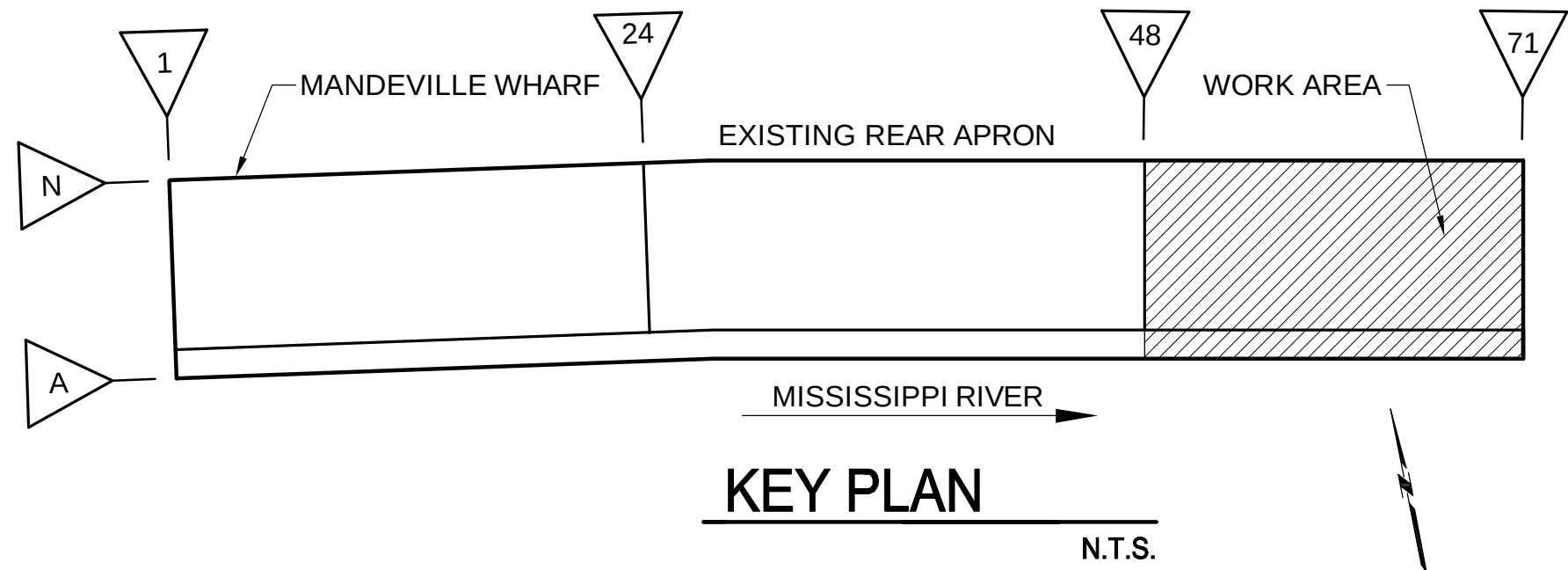


#### LEGEND:

----- EXISTING CONSTRUCTION JOINT  
(MW1) PAY ITEM NUMBER

#### NOTES:

1. AREA OF DECK INDICATED SHALL REMAIN IN PLACE IN ITS PRESENT CONDITION. THIS AREA TO BE PERMANENTLY FENCED OFF (SEE ARCHITECTURAL DRAWINGS). NO MATERIALS, VEHICLES, EQUIPMENT, OR PERSONNEL SHALL BE ALLOWED IN THIS AREA.



## REINVENTING THE CRESCENT DOWNRIVER PARK

NEW ORLEANS BUILDING CORPORATION, CLIENT  
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E+D+R No. 08012  
Drawn By: TOCA  
Drawing Title:  
WHARF PLAN  
MANDEVILLE WHARF

Sheet No:

1.25

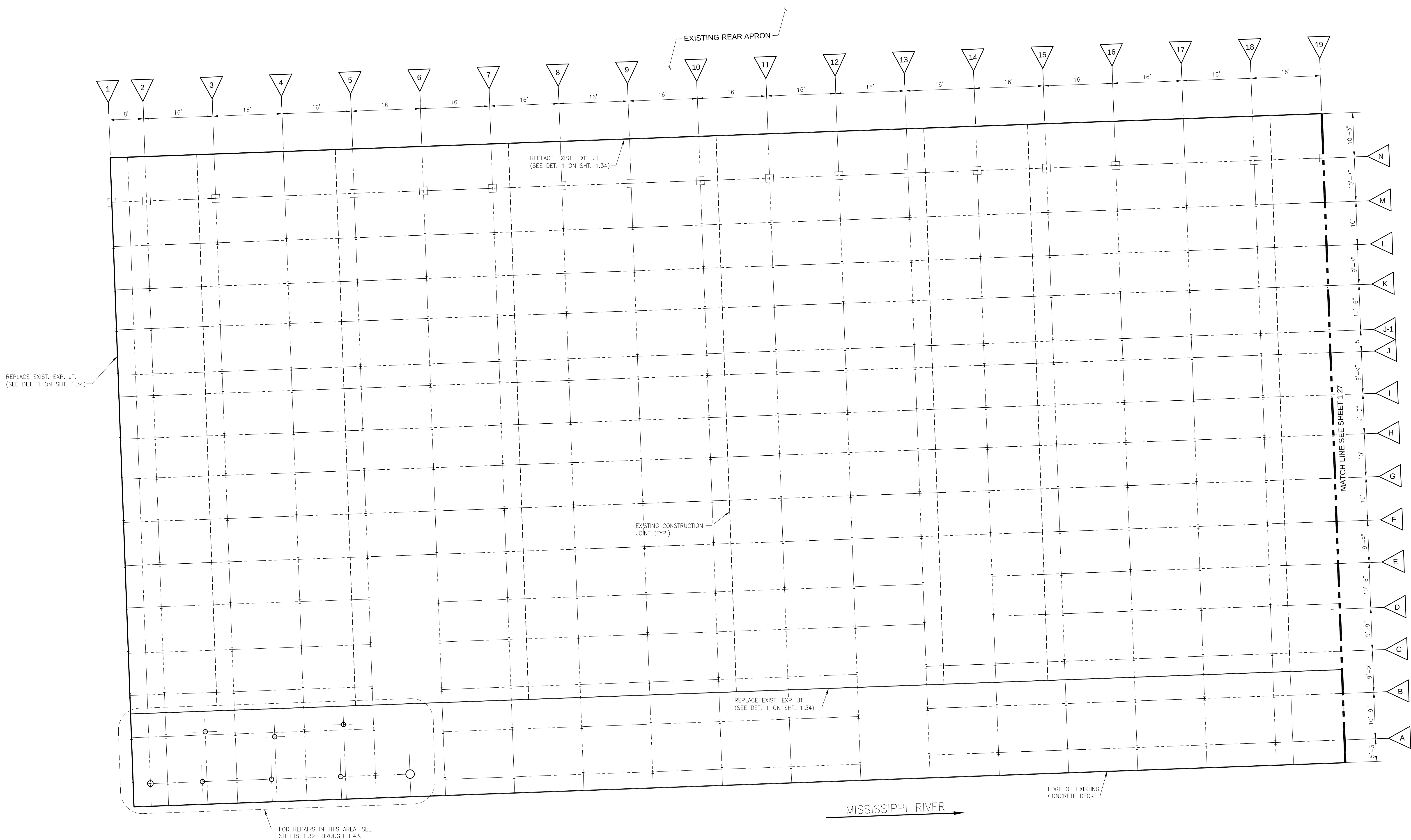
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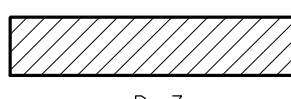
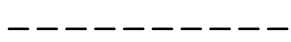
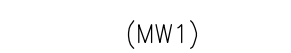
**WALDEMAR S. NELSON AND COMPANY**  
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1200 ST. CHARLES AVE. NEW ORLEANS, LA.  
504.581.1300  
09/30/09 A5 SHOWN 20090216 1.26  
DESIGNED BY: AWB  
ACAD FILE NO. 1.26.DWG  
PLOT: 1.26.dwg

REGISTRATION NO. 29414 STATE: LA



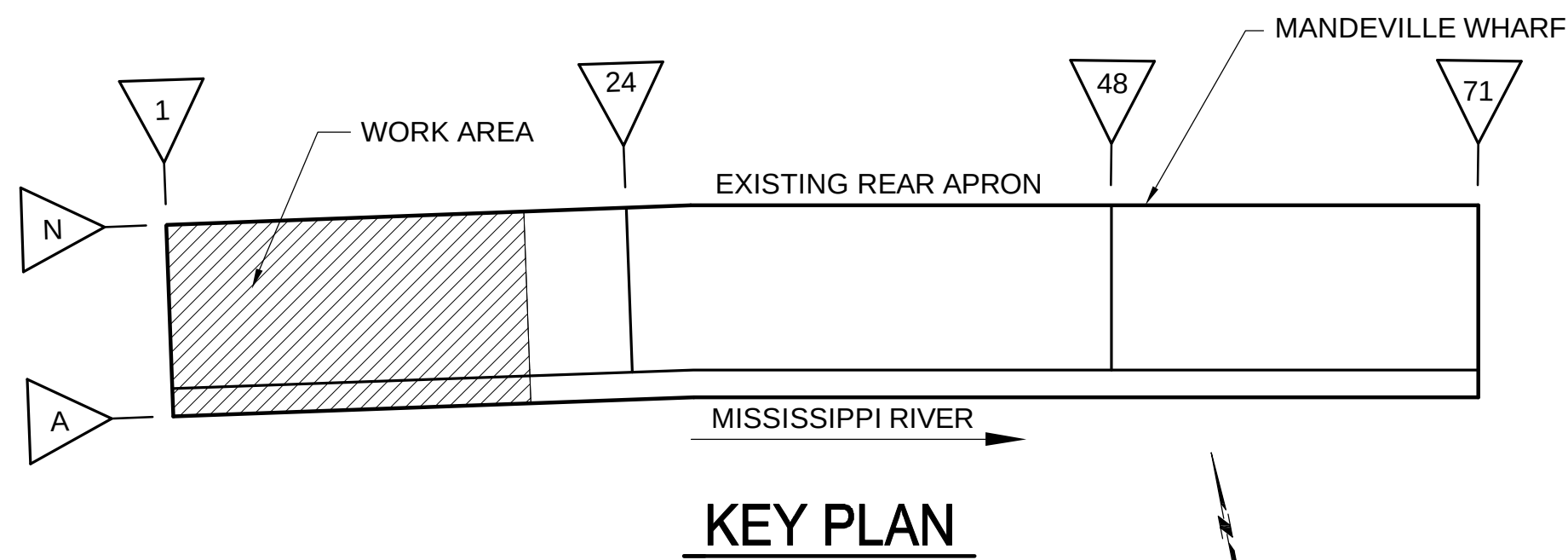
**1**  
CONCRETE DECK REPAIR PLAN - TOP SURFACE  
1" = 10'

**LEGEND:**

-  D-3 EXISTING CONCRETE SLAB TO BE REPAIRED OR DEMOLISHED AND REPLACED, SEE SHEET 1.34. (REPAIR TYPE)--(AREA OF REPAIR IN SQUARE FEET)
-  EXISTING CONSTRUCTION JOINT
-  (MW1) PAY ITEM NUMBER

**NOTES:**

- ALLOWABLE WHARF LOADS = 150 PSF LL + 100 PSF DL
- EXISTING WHARF SHED COLUMNS NOT SHOWN FOR CLARITY.
- SEE SHEET 1.34 FOR REPAIR DETAILS. ENGINEER SHALL MAKE FINAL DETERMINATION OF ACTUAL REPAIR DETAIL TO BE USED AND AREAS OF REPAIR.
- SEE SHEET 1.30 FOR ADDITIONAL CONCRETE REPAIRS IN THIS AREA.



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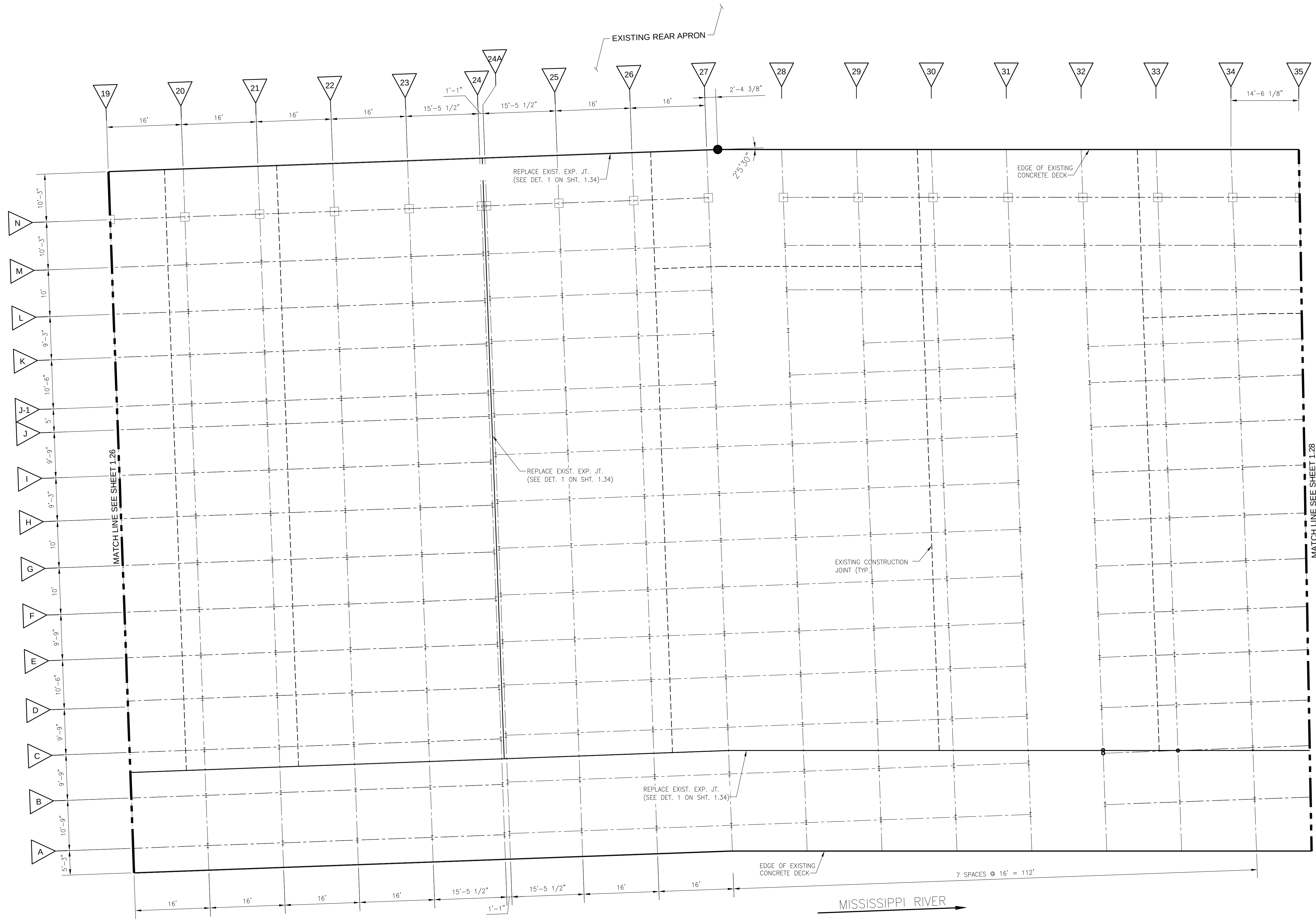
Date: 2 MARCH 2010



E+D+R No. 08012  
Drawn By: TOCA  
Drawing Title:  
DECK REPAIR PLAN  
TOP SURFACE  
SHEET 1 OF 4  
MANDEVILLE WHARF  
Sheet No:

|                              |                                 |                 |                    |
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| Adjaye & Associates          | Associate Architect             | New York, NY    | www.adjaye.com     |





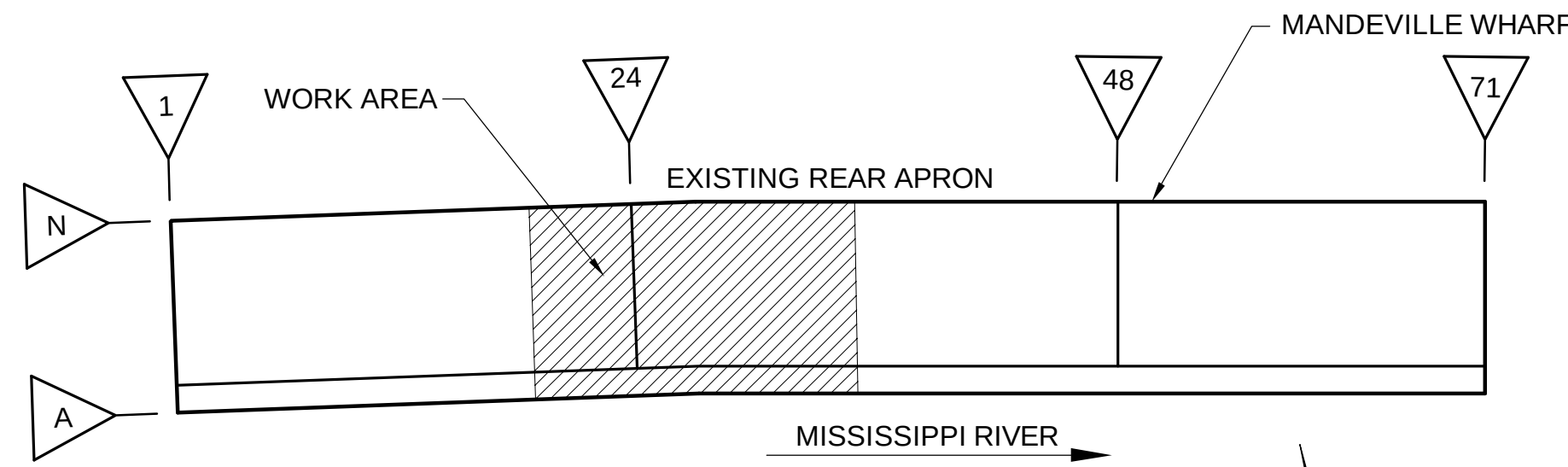
1 CONCRETE DECK REPAIR PLAN - TOP SURFACE  
- 1.27 1" = 10'

**LEGEND:**

- D-3 EXISTING CONCRETE SLAB TO BE REPAIRED/DEMOLISHED AND REPLACED, SEE SHEET 1.34. (REPAIR TYPE)-(AREA OF REPAIR IN SQUARE FEET)
- EXISTING CONSTRUCTION JOINT
- (MW1) PAY ITEM NUMBER

**NOTES:**

- ALLOWABLE WHARF LOADS = 150 PSF LL + 100 PSF DL
- EXISTING WHARF SHED COLUMNS NOT SHOWN FOR CLARITY.
- SEE SHEET 1.34 FOR REPAIR DETAILS. ENGINEER SHALL MAKE FINAL DETERMINATION OF ACTUAL REPAIR DETAIL TO BE USED AND AREAS OF REPAIR.
- SEE SHEET 1.31 FOR ADDITIONAL CONCRETE REPAIRS IN THIS AREA.



**KEY PLAN**

**REINVENTING THE CRESCENT  
DOWNRIVER PARK**  
NEW ORLEANS BUILDING CORPORATION, CLIENT  
NEW ORLEANS, LOUISIANA 70117  
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Drawn By: TOCA  
Drawing Title:  
DECK REPAIR PLAN  
TOP SURFACE  
SHEET 2 OF 4  
MANDEVILLE WHARF  
Sheet No:

|                              |                                 |                 |                    |
|------------------------------|---------------------------------|-----------------|--------------------|
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| Michael Maltzan Architecture | Associate Architect             | Los Angeles, CA | www.maltzan.com    |
| Adjaye & Associates          | Associate Architect             | New York, NY    | www.adjaye.com     |



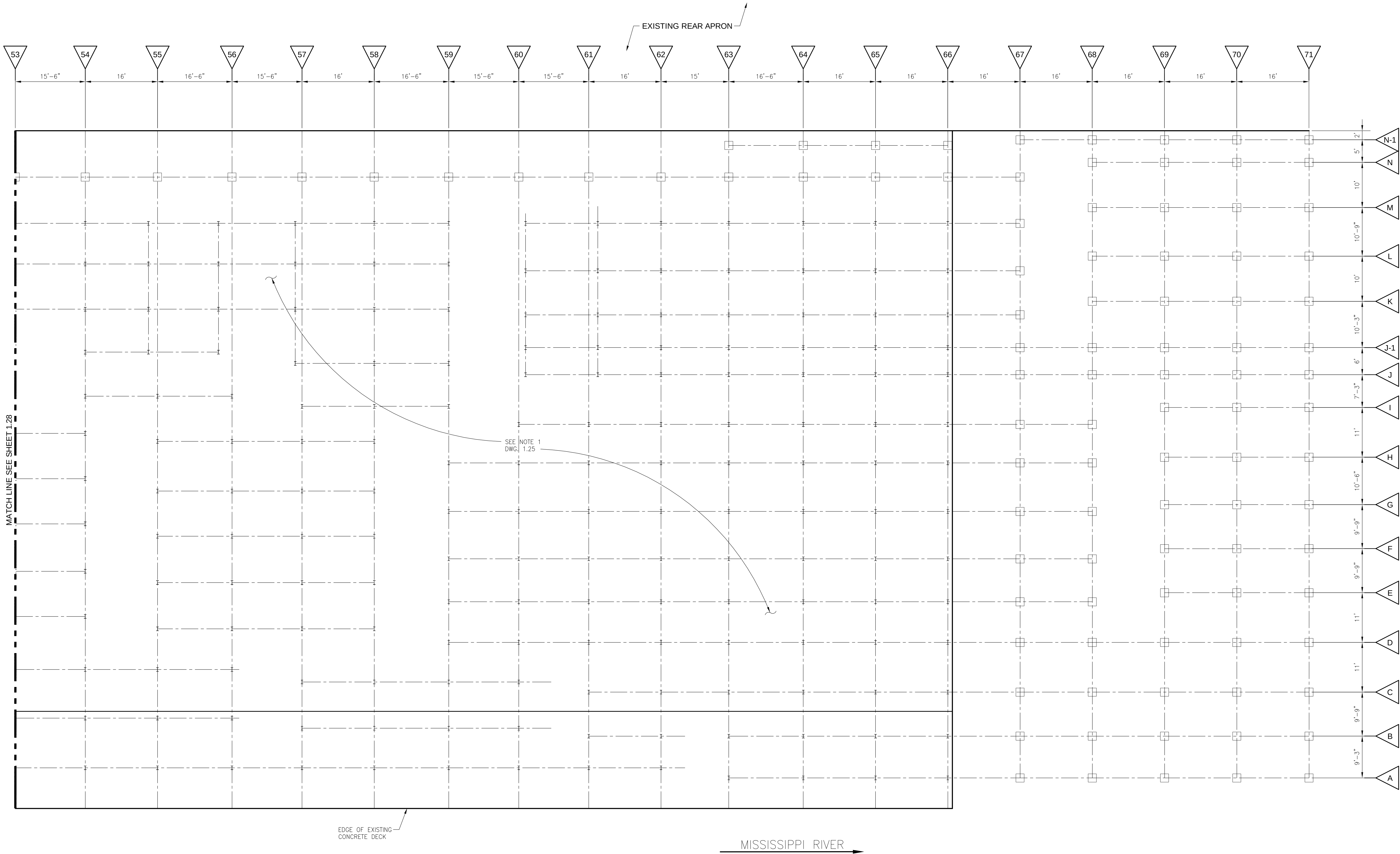




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09/30/09  
AS SHOWN  
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REGISTRATION NO. 29414  
STATE: LA  
ASAD FILE NO. 1.29.DWG  
PLOT: 100% 11x17

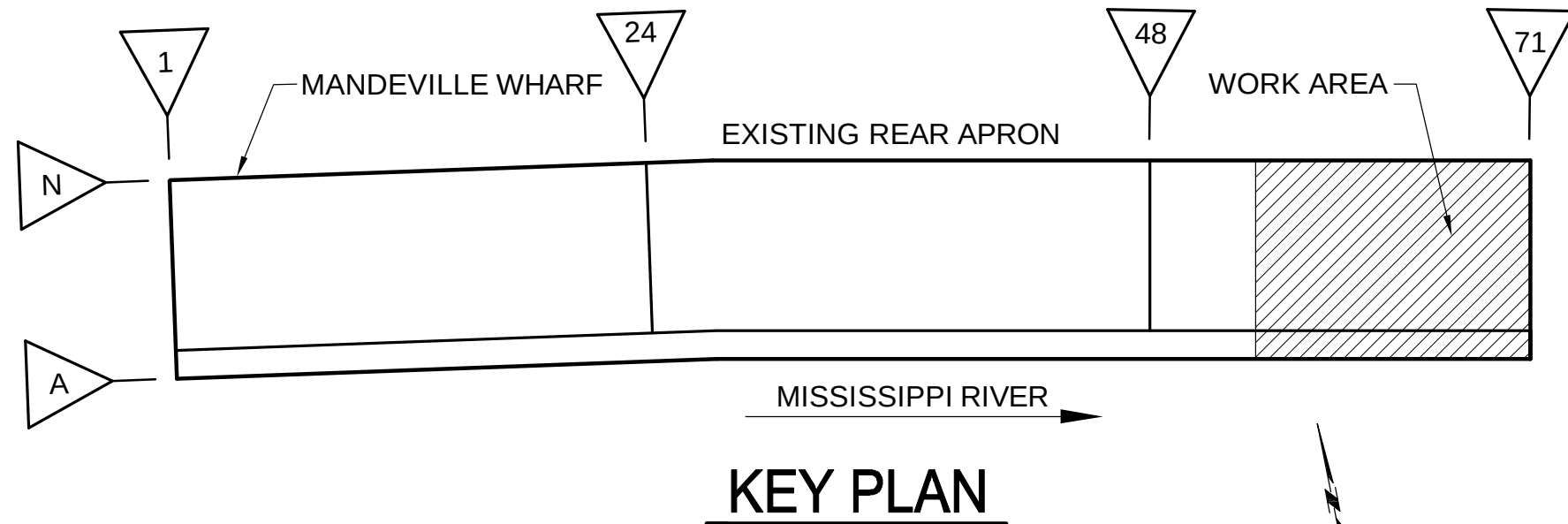
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SCALE: AS SHOWN  
JOB NO.: 20090216  
DRAWING NO.: 1.29



1  
- 1.29  
CONCRETE DECK REPAIR PLAN - TOP SURFACE  
1" = 10'

**NOTES:**

1. ALLOWABLE WHARF LOADS = 150 PSF LL + 100 PSF DL
2. EXISTING WHARF SHED COLUMNS NOT SHOWN FOR CLARITY.
3. SEE SHEET 1.34 FOR REPAIR DETAILS. ENGINEER SHALL MAKE FINAL DETERMINATION OF ACTUAL REPAIR DETAIL TO BE USED AND AREAS OF REPAIR.
4. SEE SHEET 1.33 FOR ADDITIONAL CONCRETE REPAIRS IN THIS AREA.



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E+D+R No. 08012  
Drawn By: TOCA  
Drawing Title:  
DECK REPAIR PLAN  
TOP SURFACE  
SHEET 4 OF 4  
MANDEVILLE WHARF  
Sheet No:

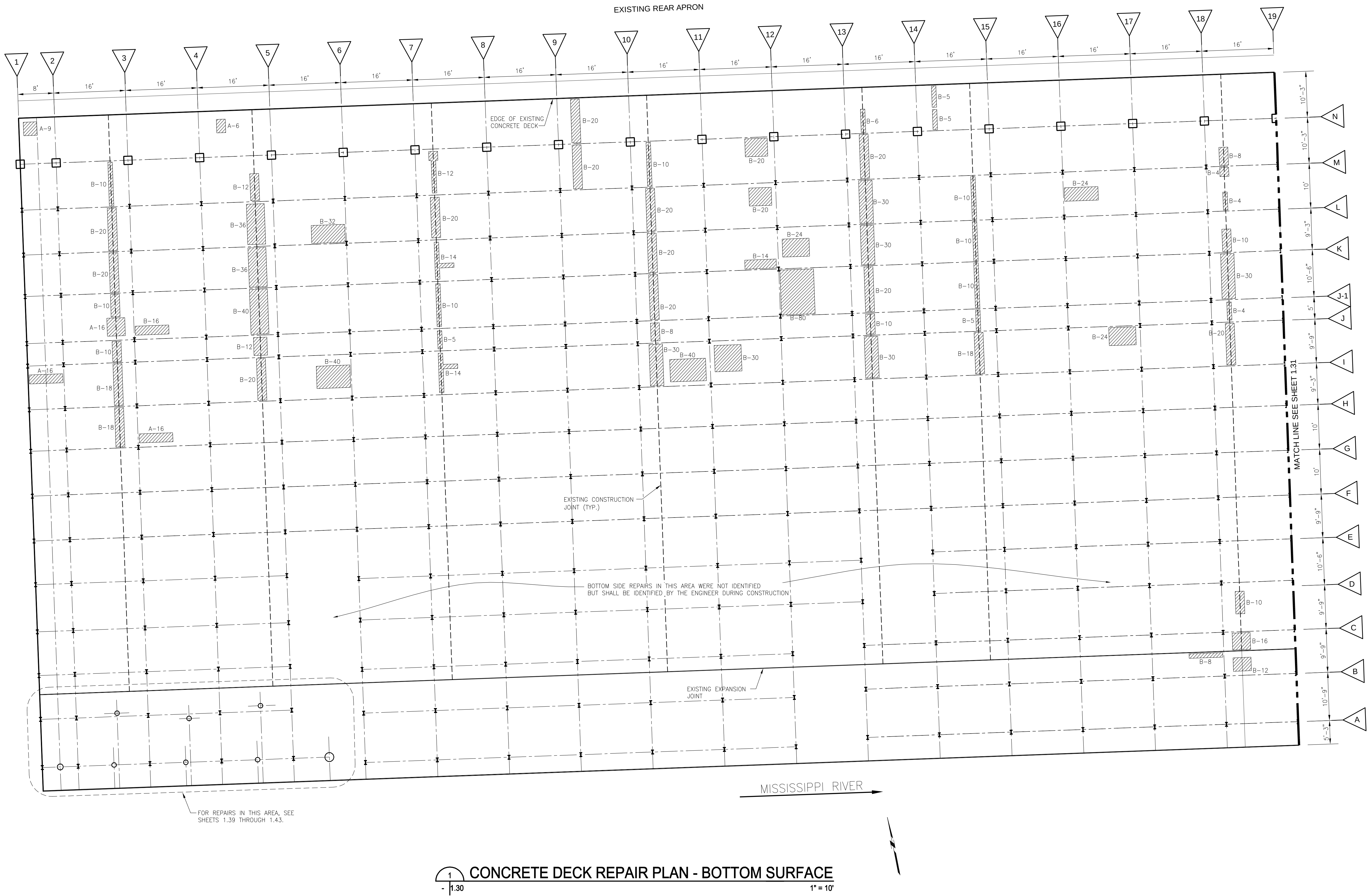
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| Michael Maltzan Architecture | Los Angeles, CA | Associate Architect             | www.maltzan.com    |
| Adjaye & Associates          | New York, NY    | Associate Architect             | www.adjaye.com     |



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70117  
DATE: 09/30/09  
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DESIGNED BY: AWB  
ACAD FILE NO. 1.30.DWG

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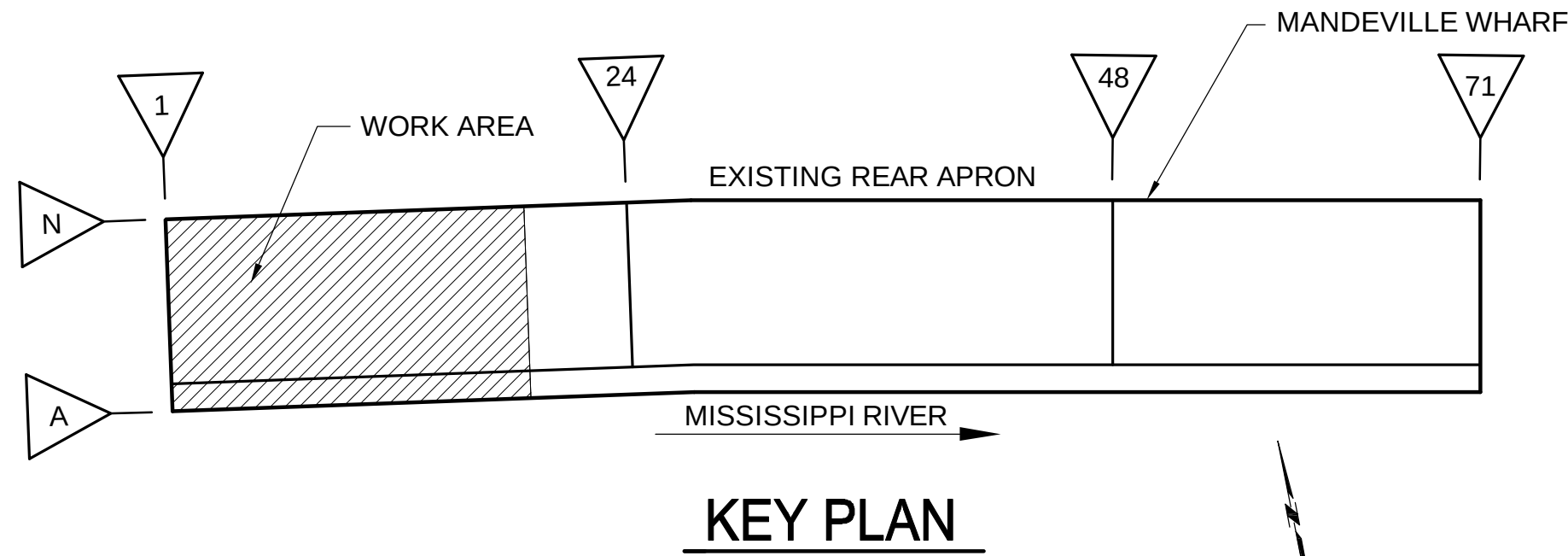


LEGEND:

-  D-3 EXISTING CONCRETE SLAB TO BE REPAIRED/DEMOLISHED AND REPLACED, SEE SHEET 1.34. (REPAIR TYPE)-(AREA OF REPAIR IN SQUARE FEET)
- EXISTING CONSTRUCTION JOINT
- (MW1) PAY ITEM NUMBER

NOTES:

- ALLOWABLE WHARF LOADS = 150 PSF LL + 100 PSF DL
- EXISTING WHARF SHED COLUMNS NOT SHOWN FOR CLARITY.
- SEE SHEET 1.34 FOR REPAIR DETAILS. ENGINEER SHALL MAKE FINAL DETERMINATION OF ACTUAL REPAIR DETAIL TO BE USED AND AREAS OF REPAIR.
- AREAS NOTED TO BE REPAIRED ARE INDICATIVE OF POSSIBLE REPAIR AREAS. IT IS ANTICIPATED THAT ALL OF THESE AREAS WILL NOT BE REPAIRED UNDER THIS CONTRACT. REFER TO BID DOCUMENTS FOR QUANTITIES.



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ELYSIAN FIELDS TO MAZANT STREET

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Drawn By: TOCA  
Drawing Title:  
DECK REPAIR PLAN  
BOTTOM SURFACE  
SHEET 1 OF 4  
MANDEVILLE WHARF  
Sheet No:

1.30

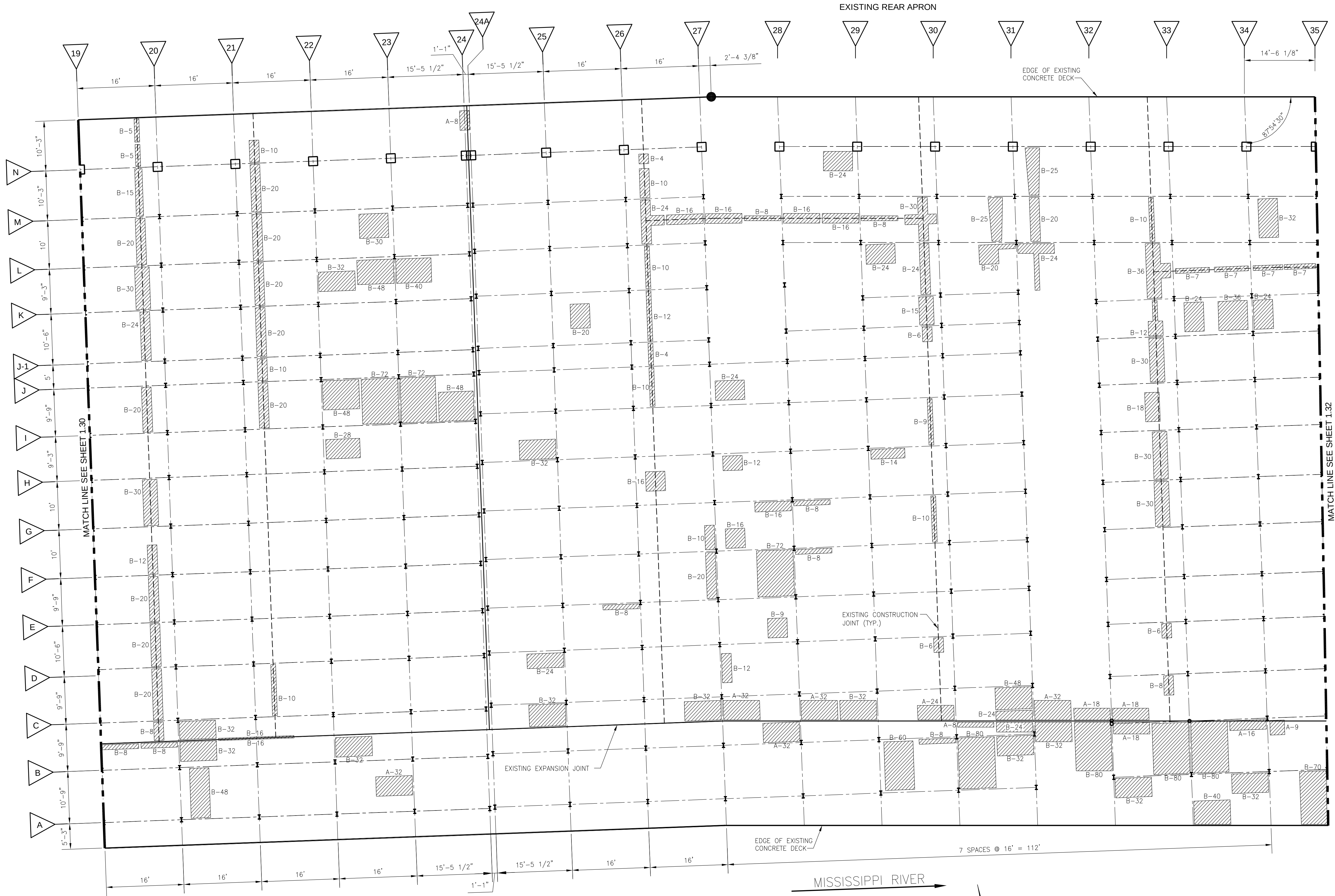
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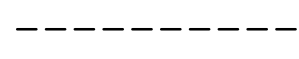
**WALDEMAR S. NELSON AND COMPANY**  
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1200 ST. CHARLES AVE. NEW ORLEANS, LA.  
09/30/09 AS SHOWN 20090216  
DESIGNED BY: AWB  
ACAD FILE NO. 1.31.DWG

DATE: 09/30/09  
SCALE: AS SHOWN  
DRAWING NO. 20090216  
REGISTRATION NO. 29414  
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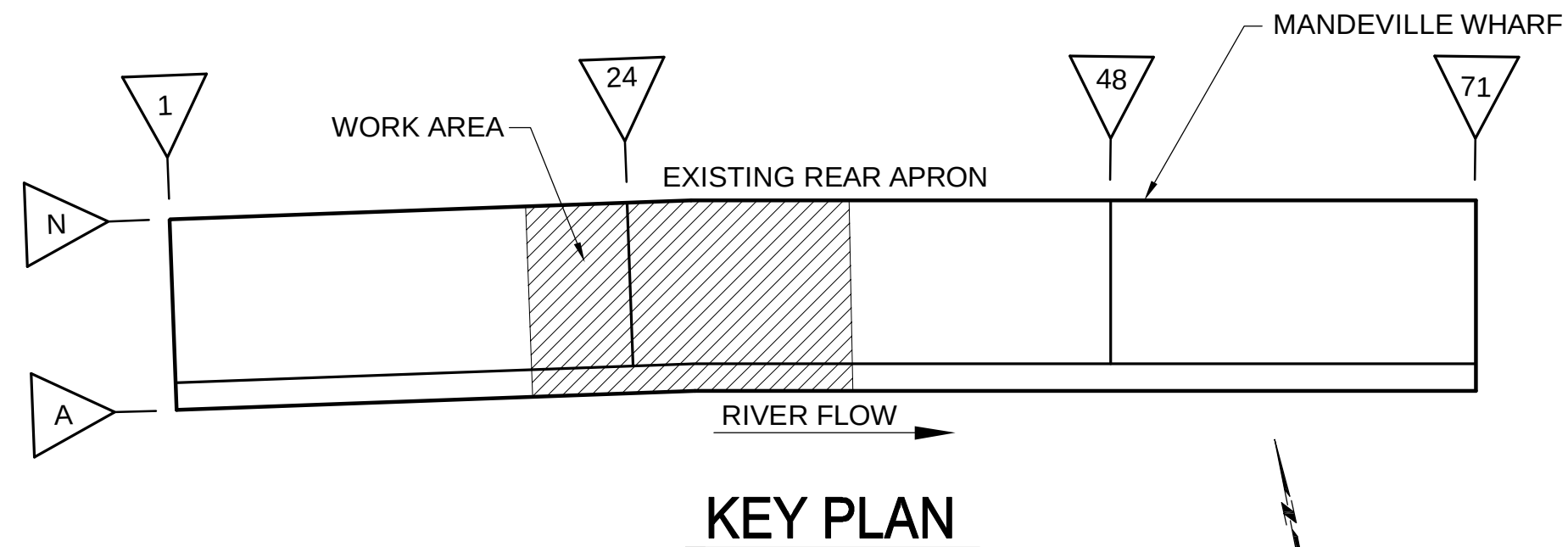
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CONCRETE DECK REPAIR PLAN - BOTTOM SURFACE  
1" = 10'

LEGEND:

-  EXISTING CONCRETE SLAB TO BE REPAIRED/  
DEMOLISHED AND REPLACED, SEE SHEET 1.34.  
(REPAIR TYPE)-(AREA OF REPAIR IN SQUARE FEET)
-  EXISTING CONSTRUCTION JOINT
- (MW1) PAY ITEM NUMBER

NOTES:

1. ALLOWABLE WHARF LOADS = 150 PSF LL + 100 PSF DL
2. EXISTING WHARF SHED COLUMNS NOT SHOWN FOR CLARITY.
3. SEE SHEET 1.34 FOR REPAIR DETAILS. ENGINEER SHALL MAKE FINAL DETERMINATION OF ACTUAL REPAIR DETAIL TO BE USED AND AREAS OF REPAIR.
4. SEE SHEET 1.27 FOR ADDITIONAL CONCRETE REPAIRS IN THIS AREA.
5. AREAS NOTED TO BE REPAIRED ARE INDICATIVE OF POSSIBLE REPAIR AREAS. IT IS ANTICIPATED THAT ALL OF THESE AREAS WILL NOT BE REPAIRED UNDER THIS CONTRACT. REFER TO BID DOCUMENTS FOR QUANTITIES.



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Drawn By: TOCA  
Drawing Title:  
DECK REPAIR PLAN  
BOTTOM SURFACE  
SHEET 2 OF 4  
MANDEVILLE WHARF  
Sheet No:

Executive Architect  
Lead Design Landscape Architect  
Associate Architect  
Associate Architect

Eskew + Dumez + Ripple  
Hargreaves Associates  
Michael Maltzan Architecture  
Adjaye & Associates

New Orleans, LA  
Cambridge, MA  
Los Angeles, CA  
New York, NY

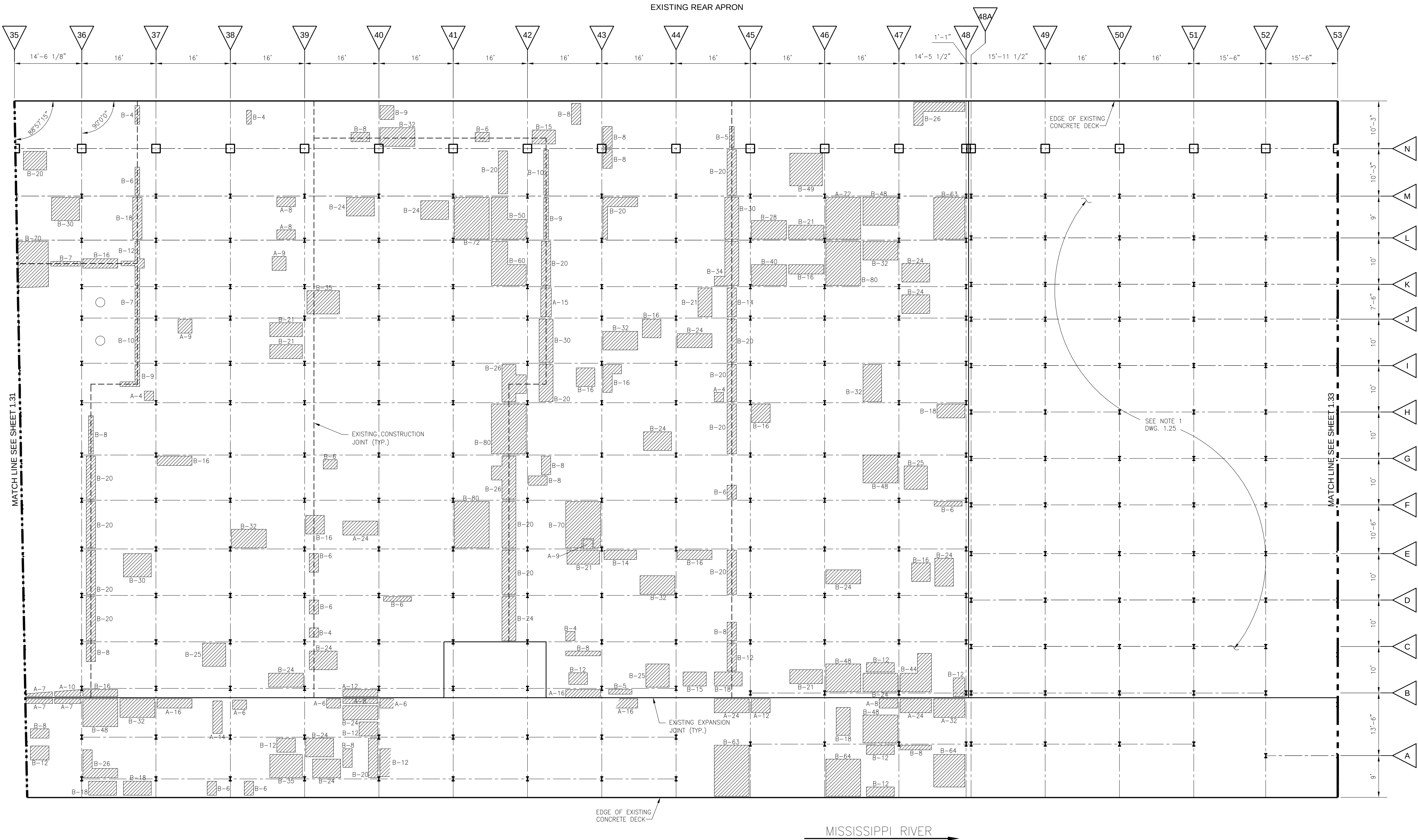
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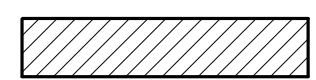
**NELSON**

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1209 ST. CHARLES AVE.  
NEW ORLEANS, LA.  
DATE: 09/30/09 SCALE: AS SHOWN JOB NO: 20090216 DRAWING NO: 1.32  
DESIGNED BY: AWB REGISTRATION NO. 29414 STATE: LA  
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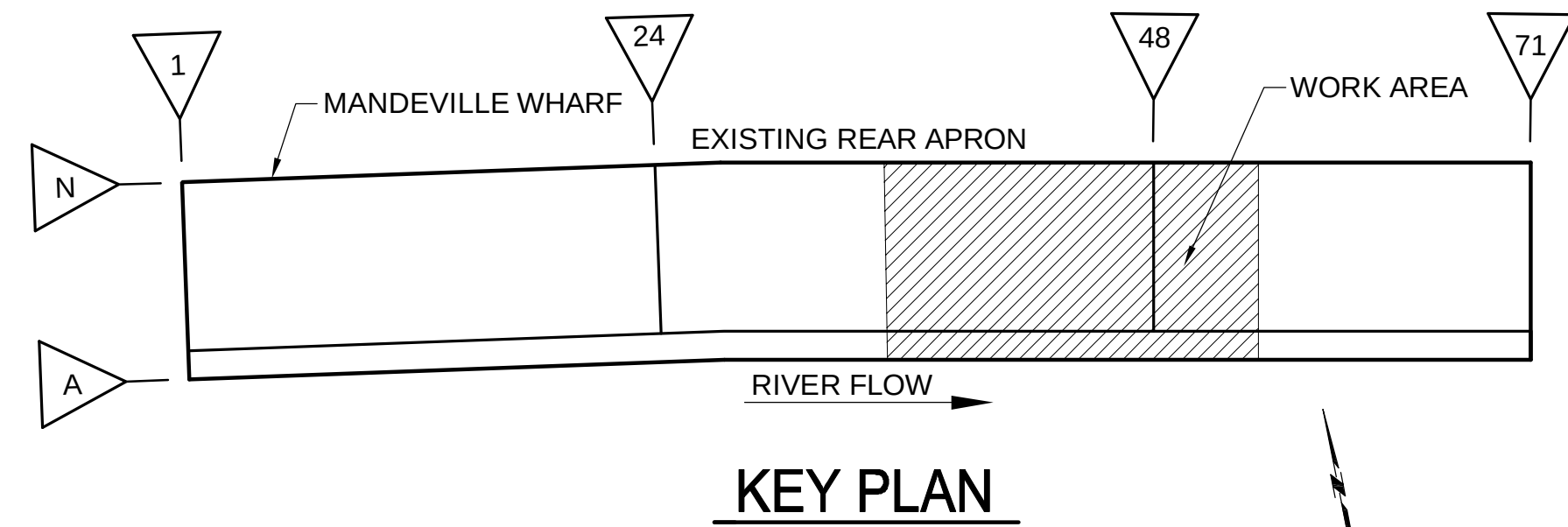
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- 1.32  
CONCRETE DECK REPAIR PLAN - BOTTOM SURFACE  
1" = 10'

LEGEND:

-  D-3 EXISTING CONCRETE SLAB TO BE REPAIRED/DEMOLISHED AND REPLACED, SEE SHEET 1.34. (REPAIR TYPE)-(AREA OF REPAIR IN SQUARE FEET)
-  EXISTING CONSTRUCTION JOINT
- (MM1) PAY ITEM NUMBER

NOTES:

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- SEE SHEET 1.34 FOR REPAIR DETAILS. ENGINEER SHALL MAKE FINAL DETERMINATION OF ACTUAL REPAIR DETAIL TO BE USED AND AREAS OF REPAIR.
- SEE SHEET 1.28 FOR ADDITIONAL CONCRETE REPAIRS IN THIS AREA.
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KEY PLAN

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DOWNRIVER PARK

NEW ORLEANS BUILDING CORPORATION, CLIENT  
NEW ORLEANS, LOUISIANA 70117  
ELYSIAN FIELDS TO MAZANT STREET

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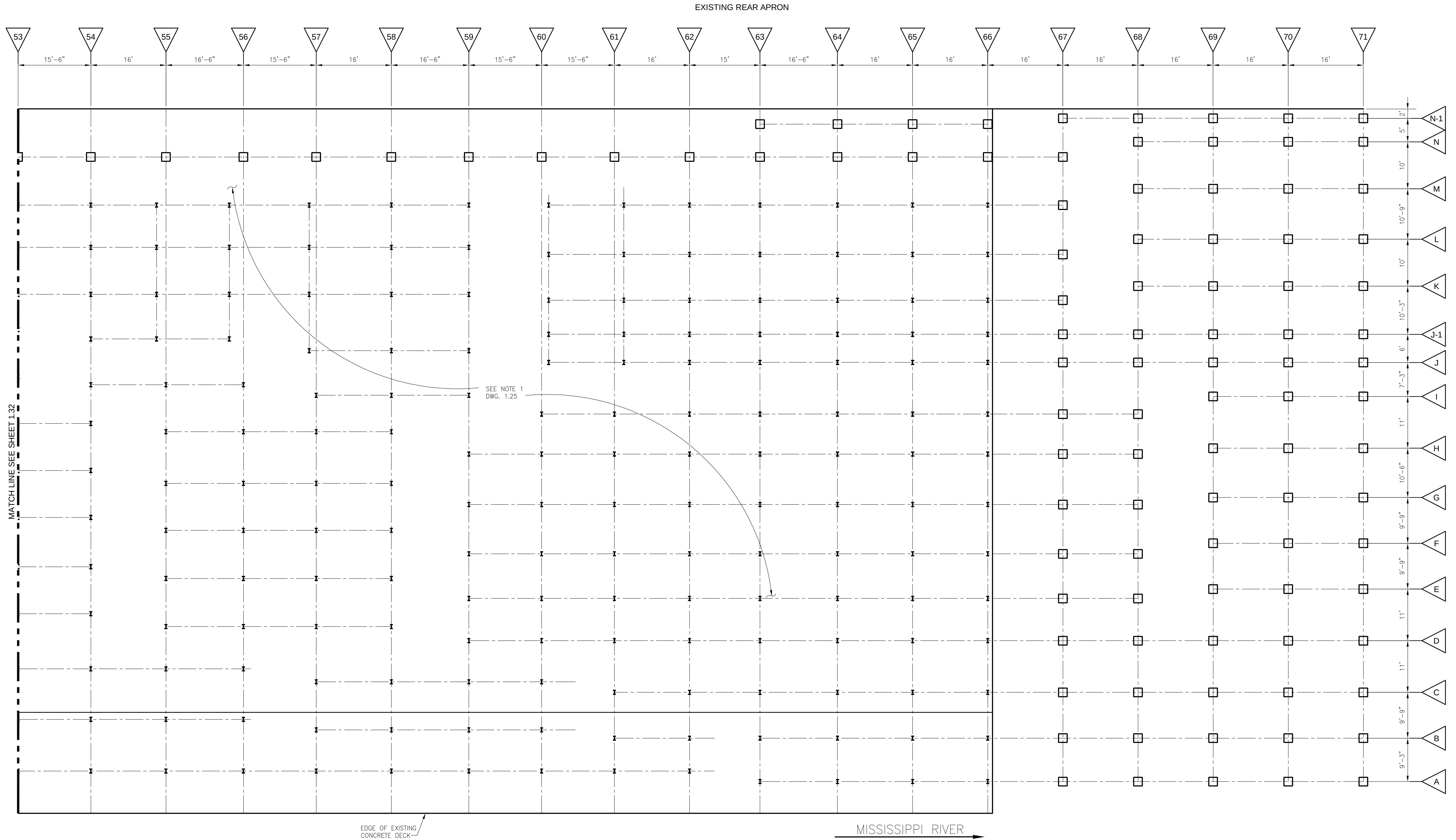
E+D+R No. 08012  
Drawn By: TOCA  
Drawing Title:  
DECK REPAIR PLAN  
BOTTOM SURFACE  
SHEET 3 OF 4  
MANDEVILLE WHARF  
Sheet No:



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NEW ORLEANS, LA.  
09/30/09  
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DESIGNED BY: AWB  
ACAD FILE NO. 1.33.DWG

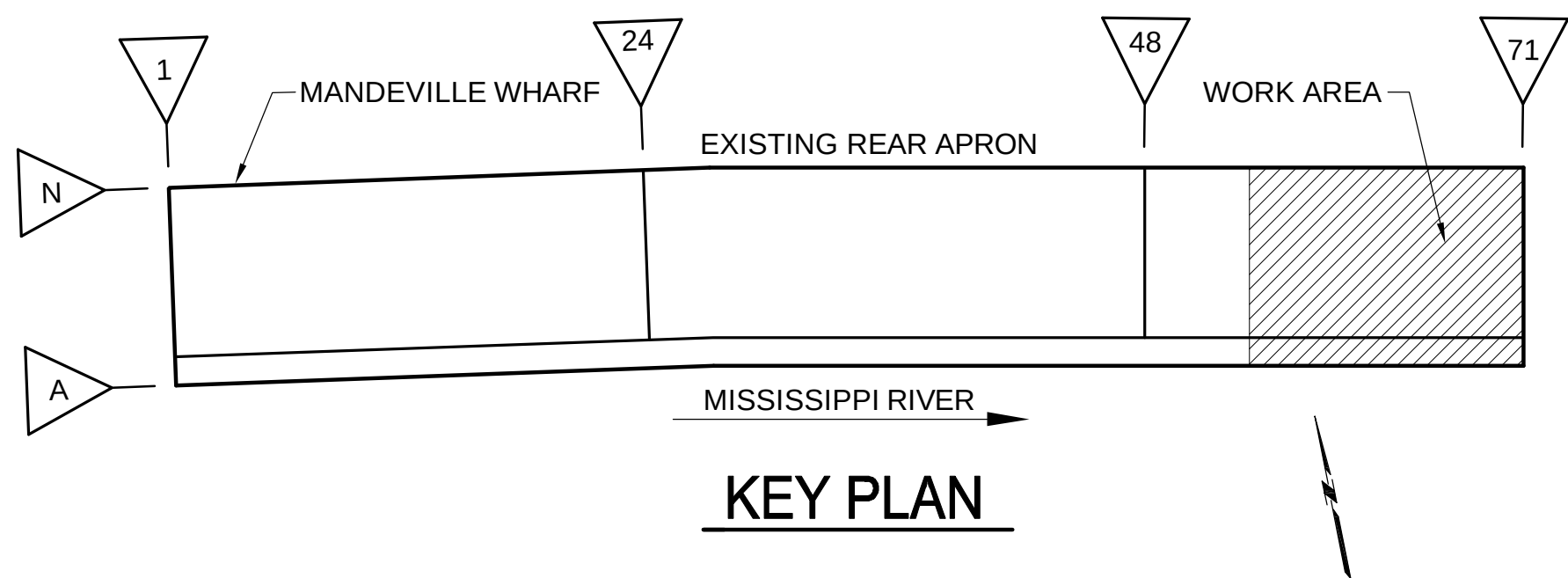
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A5 SHOWN  
20090216  
1.33  
REGISTRATION NO. 29414  
STATE: LA  
PLOT: 1000x1000



1  
- 1.33  
CONCRETE DECK REPAIR PLAN - BOTTOM SURFACE  
1" = 10'

NOTES:

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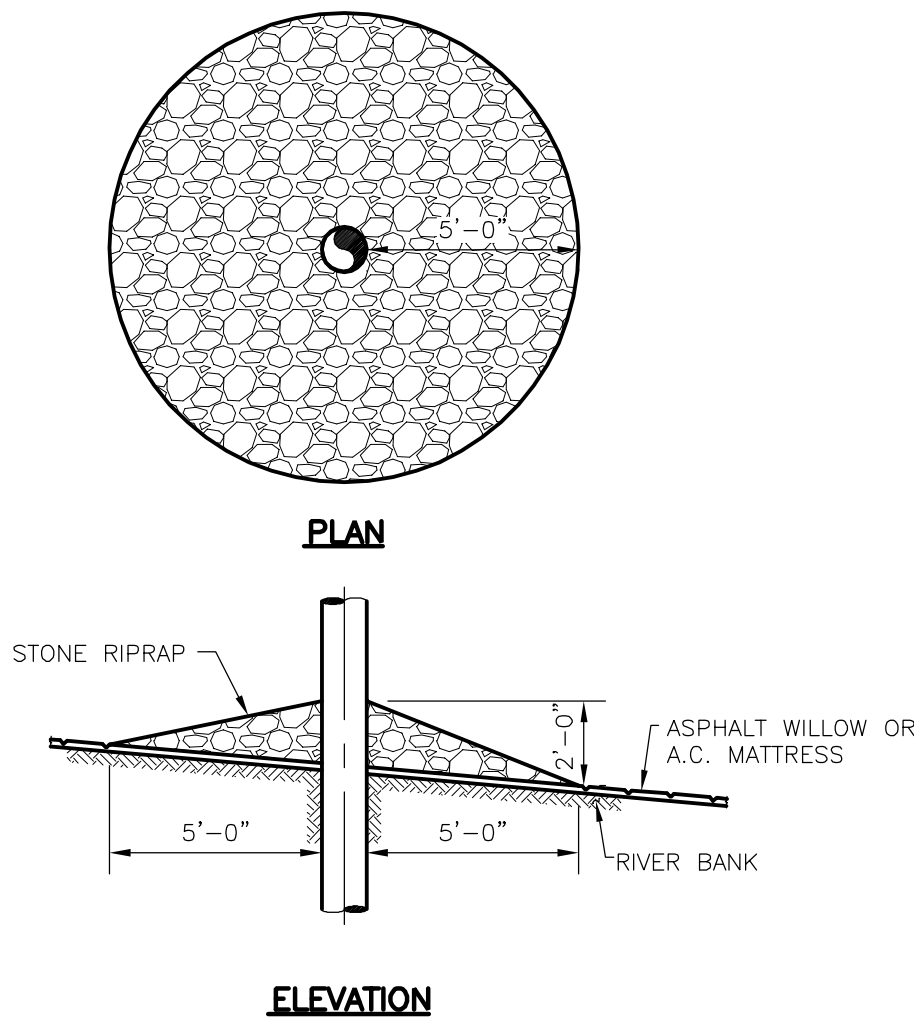
E+D+R No. 08012  
Drawn By: TOCA  
Drawing Title:  
DECK REPAIR PLAN  
BOTTOM SURFACE  
SHEET 4 OF 4  
MANDEVILLE WHARF  
Sheet No:

|                    |                 |                                 |                              |
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| www.hargreaves.com | Cambridge, MA   | Lead Design Landscape Architect | Hargreaves Associates        |
| www.nmaltzan.com   | Los Angeles, CA | Associate Architect             | Michael Maltzan Architecture |
| www.adjaye.com     | New York, NY    | Associate Architect             | Adjaye & Associates          |



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| INCORPORATED                           |                        |           |             |
| ENGINEERS AND ARCHITECTS               |                        |           |             |
| 1200 ST. CHARLES AVE. NEW ORLEANS, LA. |                        |           |             |
| DATE                                   | SCALE                  | SHEET NO. | DRAWING NO. |
| 09/30/09                               | A5 SHOWN               | 20090216  | 1-34        |
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| ACAD FILE NO. 1.34.DWG                 | PLOT:                  |           |             |

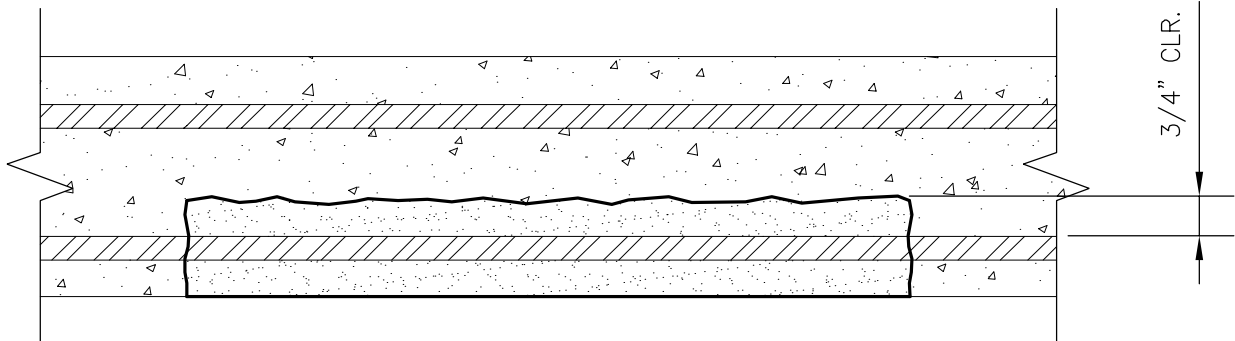
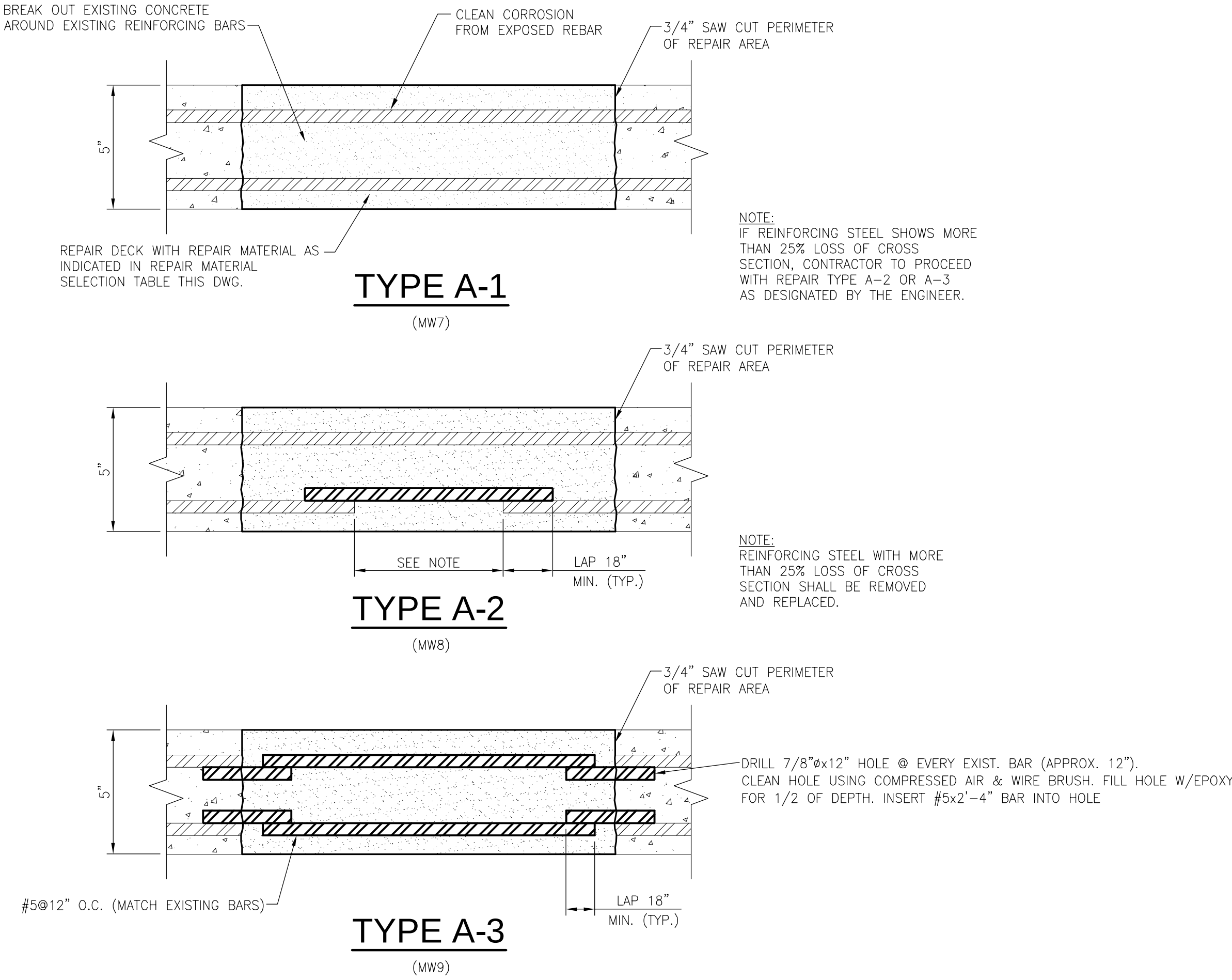


NOTES:

1. SIZE OF RIPRAP TO VARY BETWEEN 6 POUNDS AND 125 POUNDS WITH 40 PERCENT OF THE STONE WITHIN THE RANGE OF 25 POUNDS TO 75 POUNDS.
2. WHEN PENETRATING THE UPPER BANK PAVING IN A REVETMENT AREA WITH PILES, CAISSONS AND/OR PILE CLUSTERS, A 10 INCH THICK RIPRAP STONE LAYER SHALL BE PLACED OVER ALL AREAS WHERE THE BANK PAVING IS DISTURBED BY DRIVING OPERATIONS.
3. WHEN USING AN ANCHOR CHAIN AND BUOY SYSTEM, THE ANCHOR CHAIN MUST BE ATTACHED AT THE TOP OF THE PILE TO MINIMIZE REVETMENT DAMAGE.

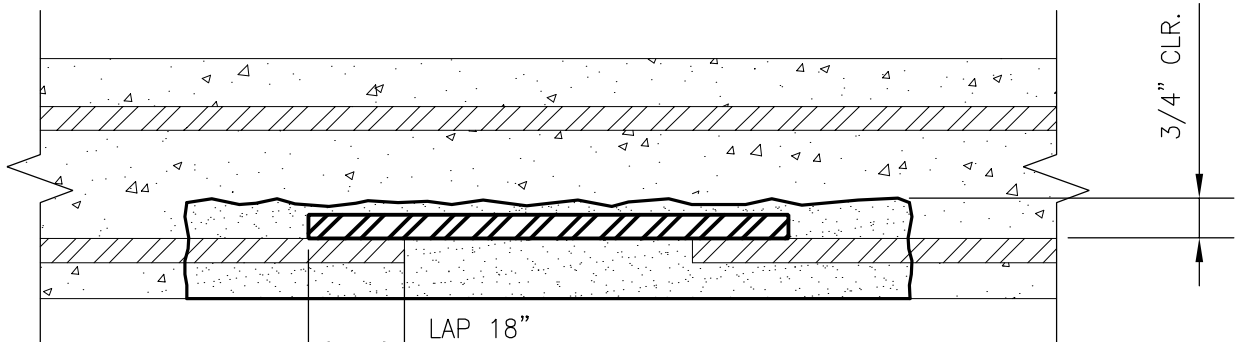
## 1 PILE PENETRATION THRU REVETMENT

- AD54 1/4" = 1'-0"



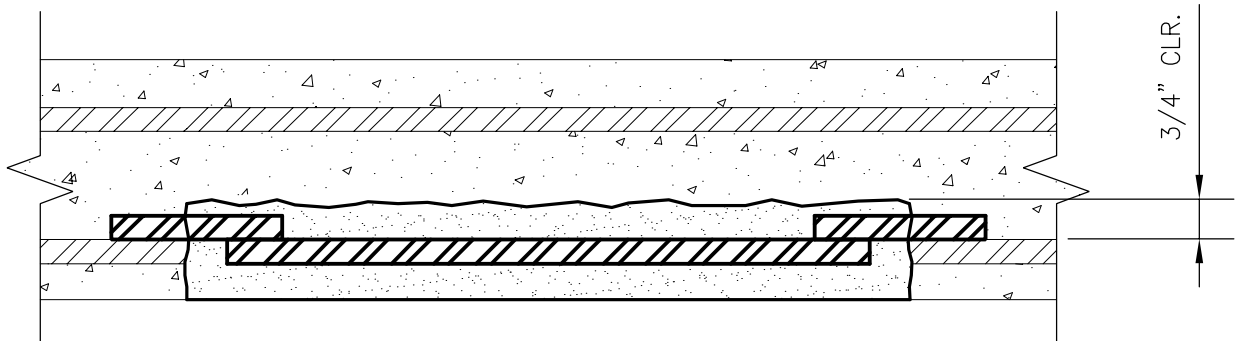
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(MW10)



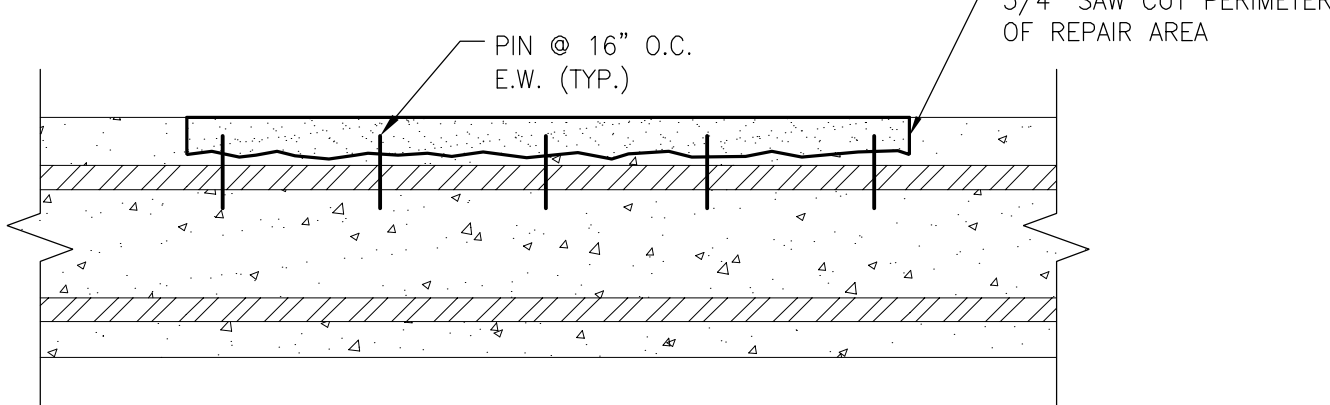
## TYPE B-2

(MW11)



## TYPE B-3

(MW12)



## TYPE D

(MW14)

## 2 CONCRETE REPAIR DETAILS

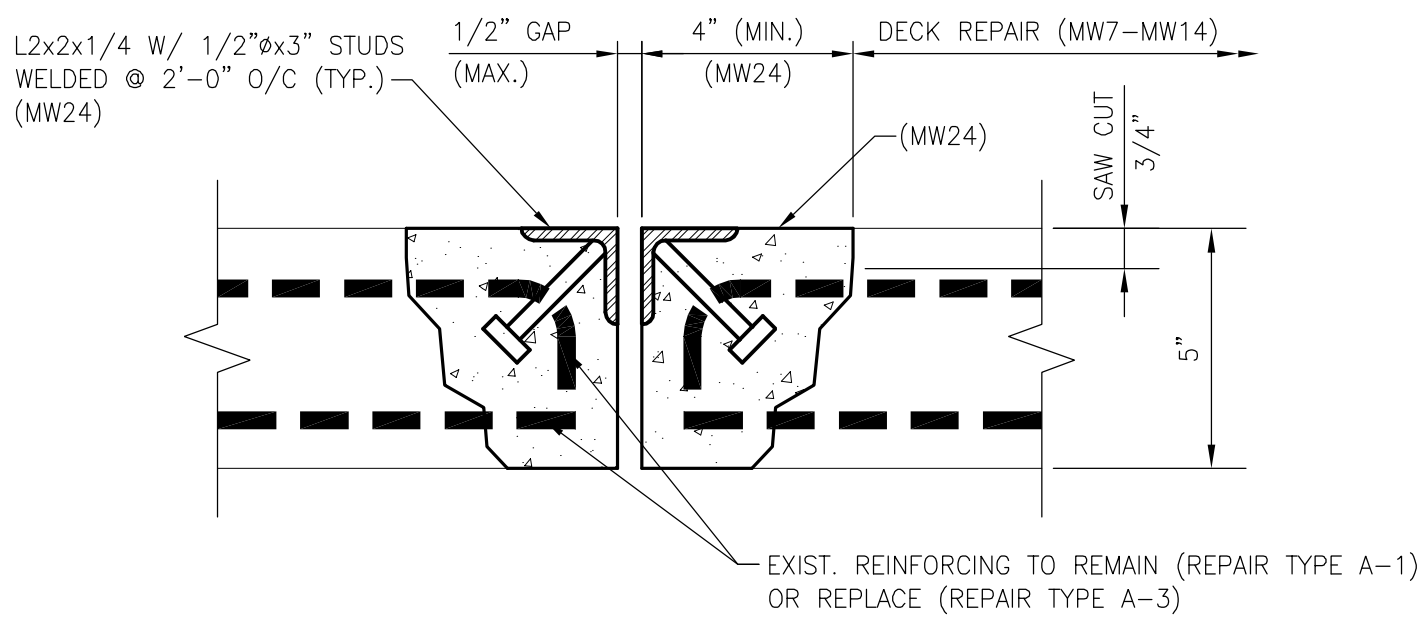
N.T.S.

1.28  
1.29  
1.30  
1.31  
1.32  
1.33

| REPAIR MATERIAL SELECTION TABLE                                    |                      |                             |                     |
|--------------------------------------------------------------------|----------------------|-----------------------------|---------------------|
| MATERIAL SELECTION                                                 | THICKNESS LIMITATION | 28 DAY COMPRESSIVE STRENGTH | ELASTIC MODULUS PSI |
| PORTLAND CEMENT CONCRETE                                           | >1.75"               | 5000 PSI                    | 3,800,000           |
| MICROSILICA MODIFIED PORTLAND CEMENT CONCRETE                      | >1.25"               | 5000 PSI                    | 4,000,000           |
| LATEX MODIFIED PORTLAND CEMENT CONCRETE                            | >1.25"               | 6000 PSI                    | 2,500,000           |
| POLYMER MODIFIED PORTLAND CEMENT CONCRETE WITH WITH NON-SAG FILLER | 0.25-1.5"            | 5000 PSI                    | 2,500,000           |
| MAGNESIUM PHOSPHATE CEMENT CONCRETE                                | >0.75"               | 8400 PSI                    | 3,200,000           |
| EPOXY MORTAR                                                       | 0.13-0.38"           | 12000 PSI                   | 2,200,000           |
| MMA CONCRETE                                                       | 0.25-0.50"           | 12000 PSI                   | 3,000,000           |

### CONCRETE REPAIR NOTES:

1. LOCATE AREA TO BE REPAIRED AS DIRECTED BY THE ENGINEER.
2. SAW CUT EDGES OF THE REPAIR AREA. CUT REPAIR SUCH THAT ALL REPAIR SURFACES ARE 90 DEGREES TO EACH OTHER. NO FEATHER EDGES SHALL BE PERMITTED.
3. FOR PARTIAL DEPTH CONCRETE REMOVAL, REMOVE DETERIORATED CONCRETE USING PNEUMATIC CHIPPING HAMMERS, HYDRO REMOVAL (20,000-40,000 PSI HIGH PRESSURE WATER), PNEUMATIC SCABBLER OR ROTARY MILLING MACHINE.
4. FOR FULL DEPTH REMOVAL, REMOVE DETERIORATED CONCRETE USING PNEUMATIC CHIPPING HAMMERS/BREAKERS (HAND HELD OR MOUNTED), OR HYDRO REMOVAL (20,000-40,000 PSI HIGH PRESSURE WATER).
5. WHEN CORRODED REINFORCING STEEL IS ENCOUNTERED, REMOVE CONCRETE AROUND THE FULL CIRCUMFERENCE OF THE BAR.
6. CLEAN THE BARS USING NEEDLE SCALERS, HIGH PRESSURE WATER CLEANING (3,000-10,000 HIGH PRESSURE WATER), ABRASIVE BLAST CLEANING OR POWER WIRE BRUSHING.
7. BEFORE APPLYING ANY REPAIR MATERIALS, ALL CONCRETE SURFACES MUST BE PREPARED FOR THE REPAIR. ALL CONCRETE SURFACES SHALL BE SANDBLASTED AND HYDROBLASTED USING HIGH PRESSURE WATER OR A COMBINATION OF BOTH METHODS, REMOVING ALL LOOSE AND FRACTURED CONCRETE.
8. PRIOR TO THE REPAIR APPLICATION, THE SURFACE SHALL BE DAMPENED AND A LATEX BONDING AGENT APPLIED UNLESS THE MANUFACTURER INSTRUCTIONS DIRECT OTHERWISE.
9. PLACEMENT OF REPAIR MATERIALS SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S DIRECTIONS OR APPLICABLE STANDARD.
10. ALL REPAIRS SHALL BE "FORM AND POUR", "FORM AND PUMP", OR TROWELED IN PLACE.



## 1 EXPANSION JOINT REPAIR DETAIL

N.T.S.

1.28  
1.29  
1.30  
1.31  
1.32  
1.33

### NOTES:

1. ENGINEER SHALL MAKE FINAL DETERMINATION ON REPAIR TYPE AND AREA TO BE REPAIRED IN THE FIELD DURING CONSTRUCTION.

### LEGEND:

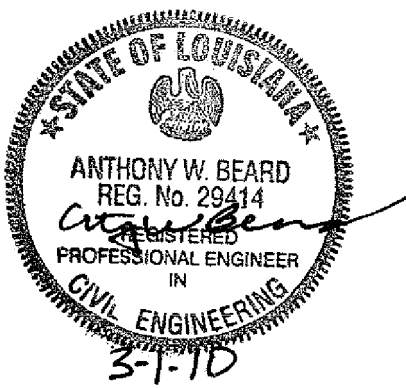
(MW1) PAY ITEM NUMBER

# REINVENTING THE CRESCENT DOWNRIVER PARK

NEW ORLEANS BUILDING CORPORATION, CLIENT  
NEW ORLEANS, LOUISIANA 70117  
ELYSIAN FIELDS TO MAZANT STREET

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E+D+R No. 08012  
Drawn By: TOCA  
Drawing Title:  
CONCRETE REPAIR DETAILS  
MANDEVILLE WHARF

Sheet No:

1.34



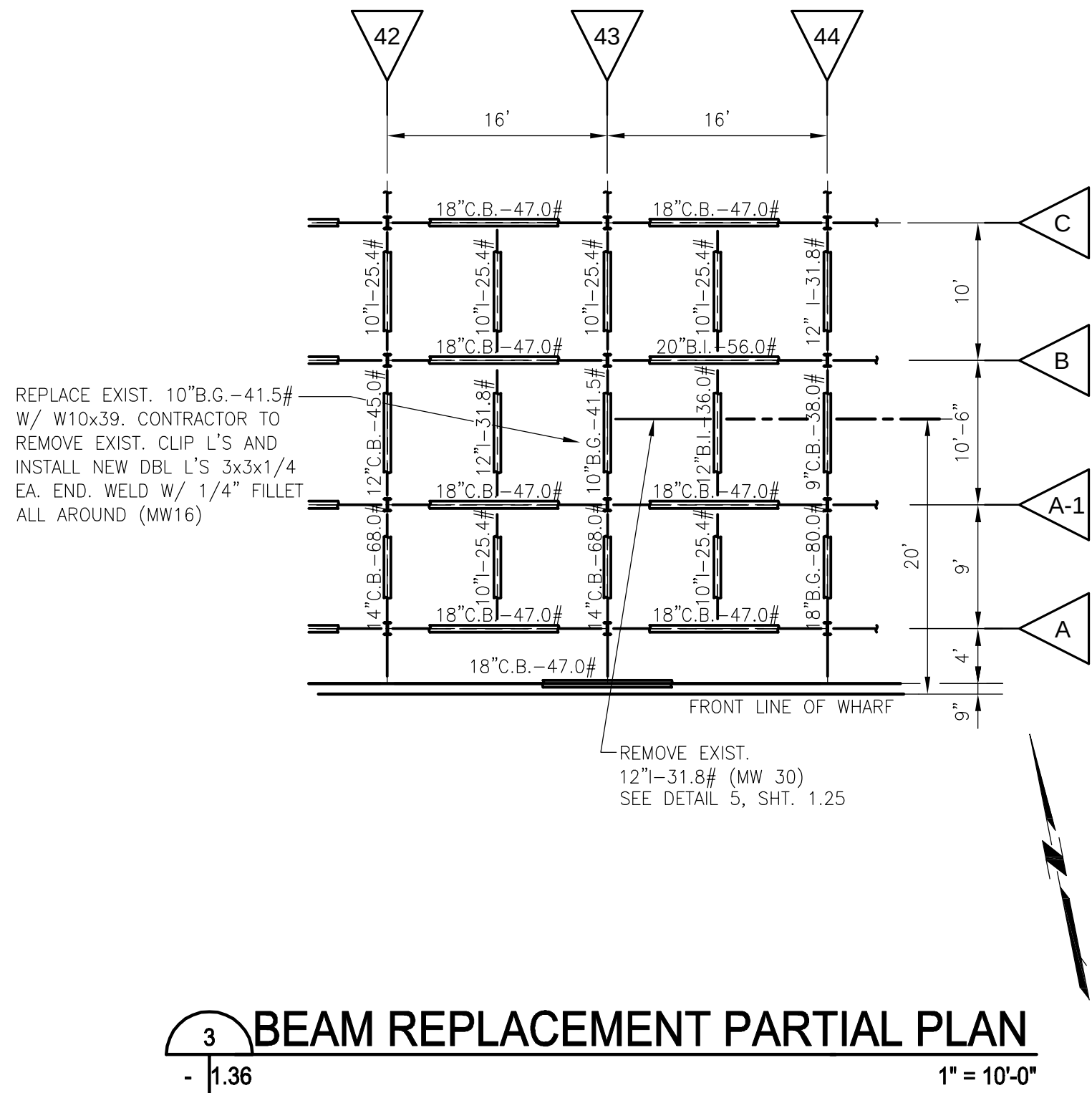
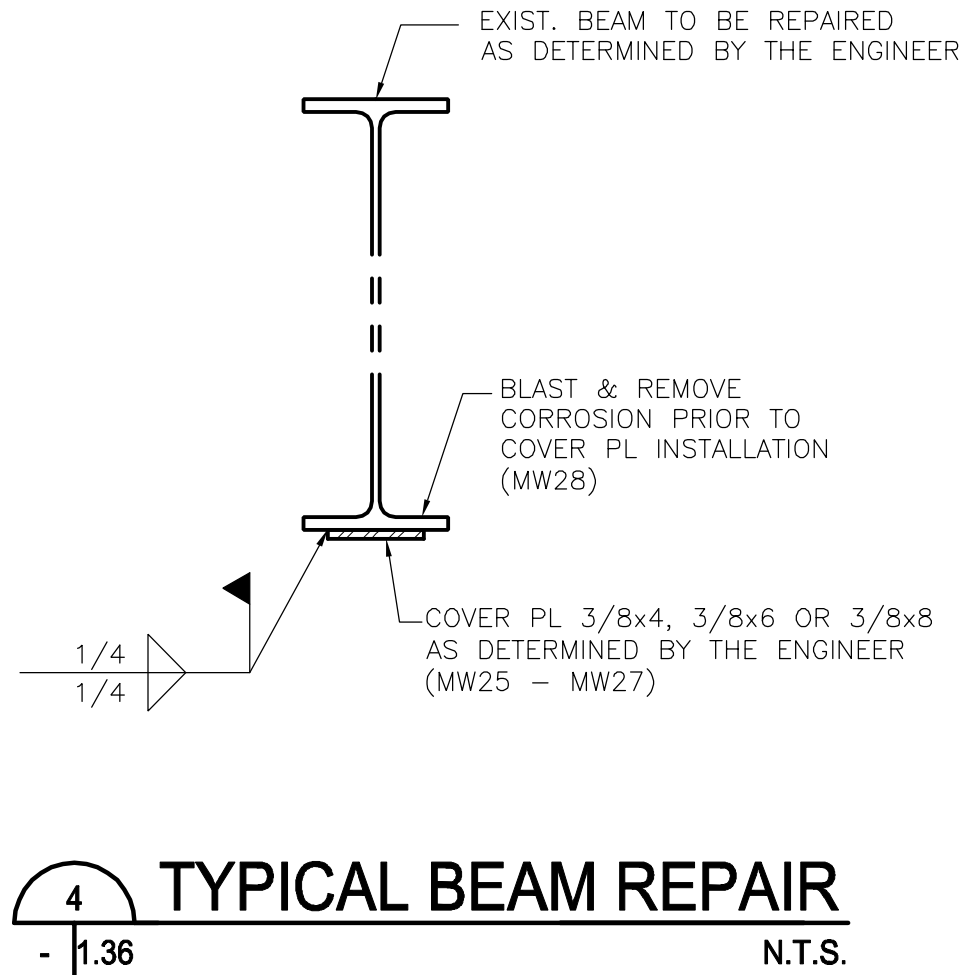
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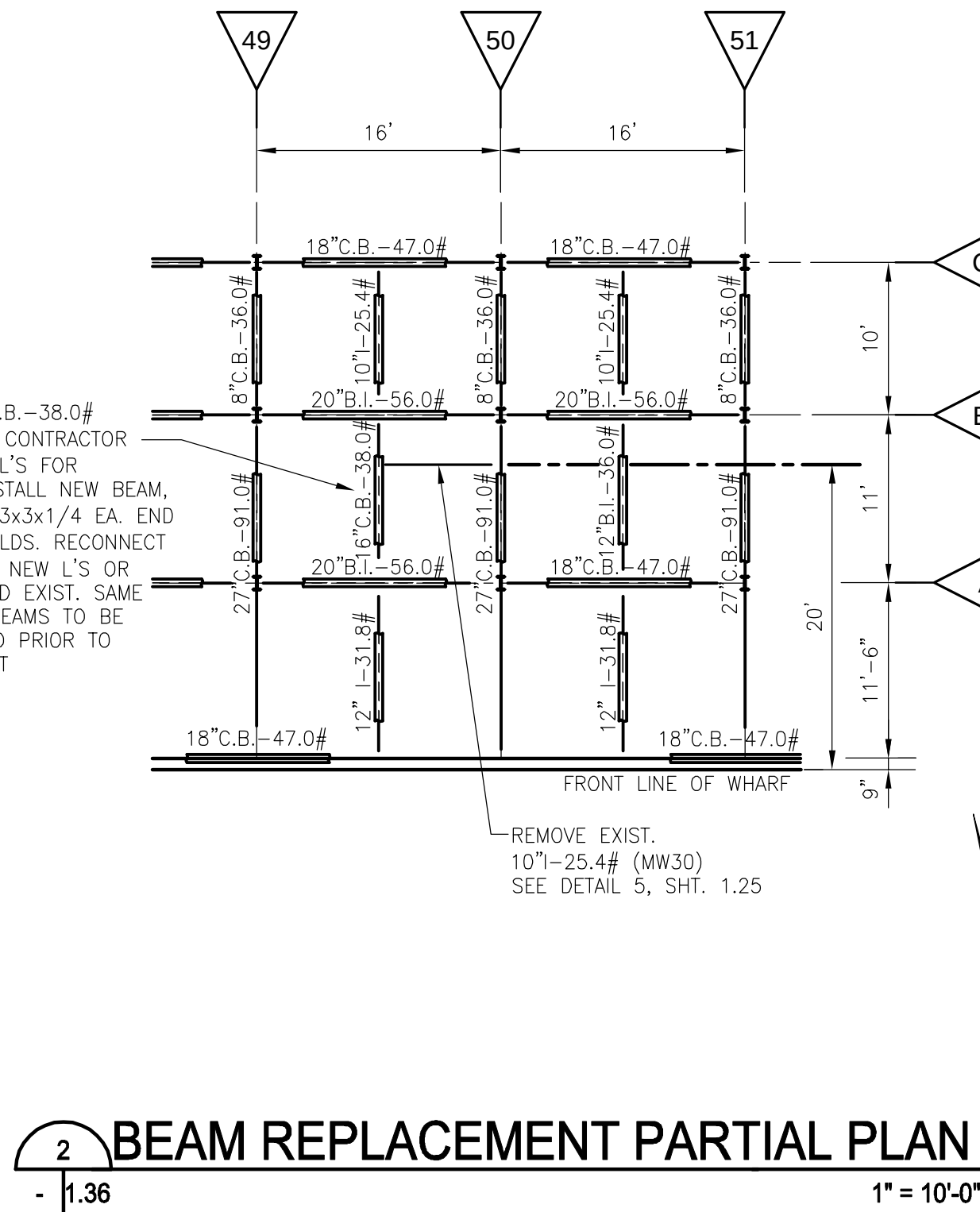
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NEW ORLEANS, LA.  
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DESIGNED BY: AWB  
ACAD FILE NO. 1.36.DWG

DATE: 09/30/09  
SCALE: AS SHOWN  
DRAWING NO. 20090216  
REGISTRATION NO. 29414  
STATE: LA  
PLOT: 1.36.DWG

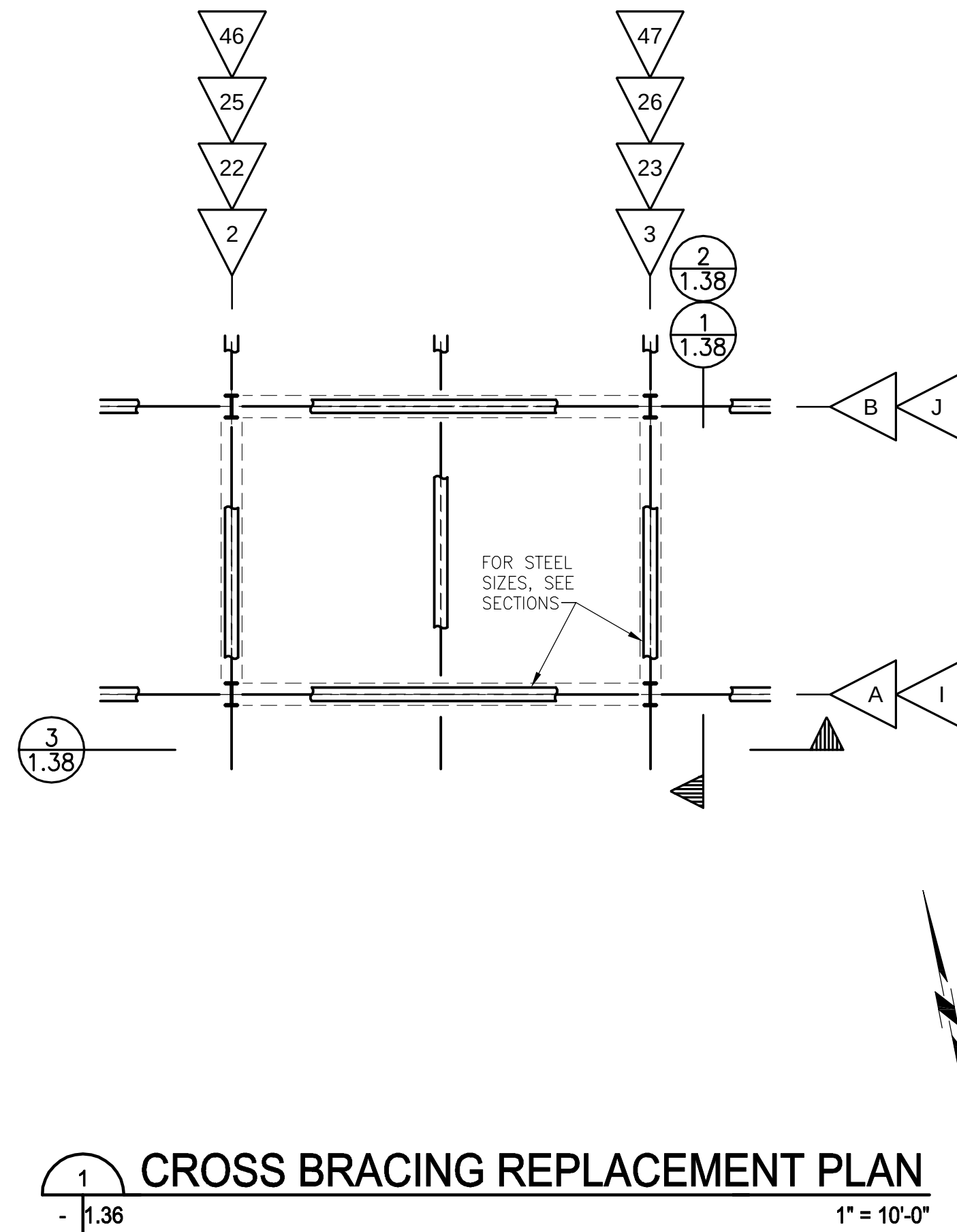
NEW ORLEANS, LA.  
20090216  
1.36



REPLACE EXIST. 16" C.B.-38.0#  
W/ W16x40 (MW18). CONTRACTOR  
SHALL REMOVE CLIP L'S FOR  
ADJACENT BEAMS, INSTALL NEW BEAM,  
WELD NEW DBL L'S 3x3x1/4 EA. END  
WITH 1/4" FILLET WELDS. RECONNECT  
ADJACENT BEAMS W/ NEW L'S OR  
REUSE EXISTING. WELD EXIST. SAME  
AS NEW. ADJACENT BEAMS TO BE  
SHORED AS REQUIRED PRIOR TO  
REMOVAL OF SUPPORT



REMOVE EXIST.  
10" B.G.-31.8# (MW30)  
SEE DETAIL 5, SHT. 1.25



#### LEGEND:

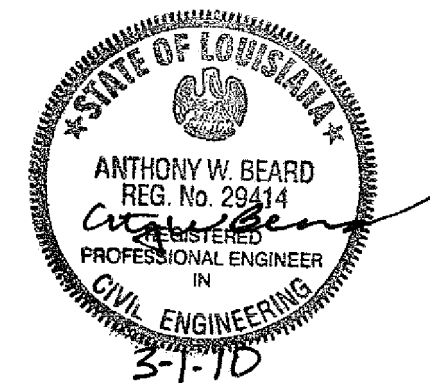
(MW1) PAY ITEM NUMBER

## REINVENTING THE CRESCENT DOWNRIVER PARK

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Drawn By: TOCA  
Drawing Title:  
STEEL FRAMING REPAIR  
PLANS AND DETAILS  
MANDEVILLE WHARF

Sheet No:

1.36

|                              |                                 |                 |                    |
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| Adjaye & Associates          | Associate Architect             | New York, NY    | www.adjaye.com     |



[illegible]

NOTES:

1. AT THESE LOCATIONS, THE COLUMN AND BOTH ANCHOR BOLTS WILL BE REPLACED IN ACCORDANCE WITH DETAILS ON SHEET 1.38.
2. REATTACH TOP OF EXIST. PIPE COLUMN, REPLUMB COLUMN AND REWELD TO BEAM ABOVE. PAY ITEM MW4 FOR LENGTH OF 3'.

[illegible][illegible]

NOTES:

1. THESE LOCATIONS FOR ANCHOR BOLT REPLACEMENT ARE AT COLUMNS WHERE THE COLUMN IS NOT TO BE REPLACED/REPAIRED.
2. FOR ANCHOR BOLT REPLACEMENT, SEE DETAIL 6, SHT. 1.38. WHERE ONLY RS BOLT IS INDICATED, ADD THE ONE NEW BOLT RS OF COLUMN. WHERE BS IS INDICATED, INSTALL 2 NEW BOLTS.

|                                                                                     |          |                                                                            |             |
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| 09/30/09                                                                            | AS SHOWN | 20090216                                                                   | 1.37        |
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|                      |       |
|----------------------|-------|
| E+D+R No.            | 08012 |
| Drawn By:            | TOCA  |
| Drawing Title:       |       |
| COLUMN & BOLT        |       |
| REPLACEMENT SCHEDULE |       |
| MANDEVILLE WHARF     |       |

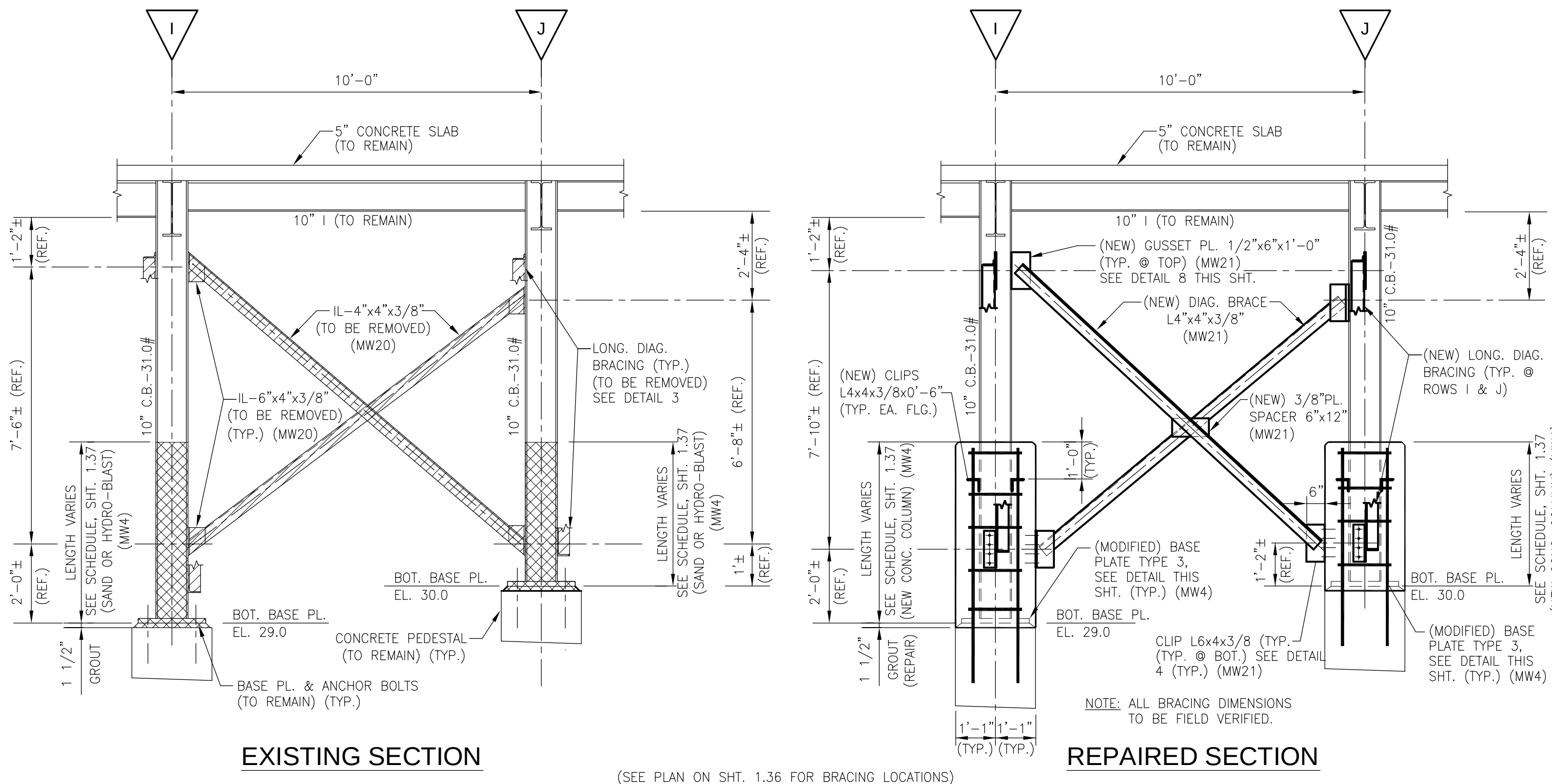
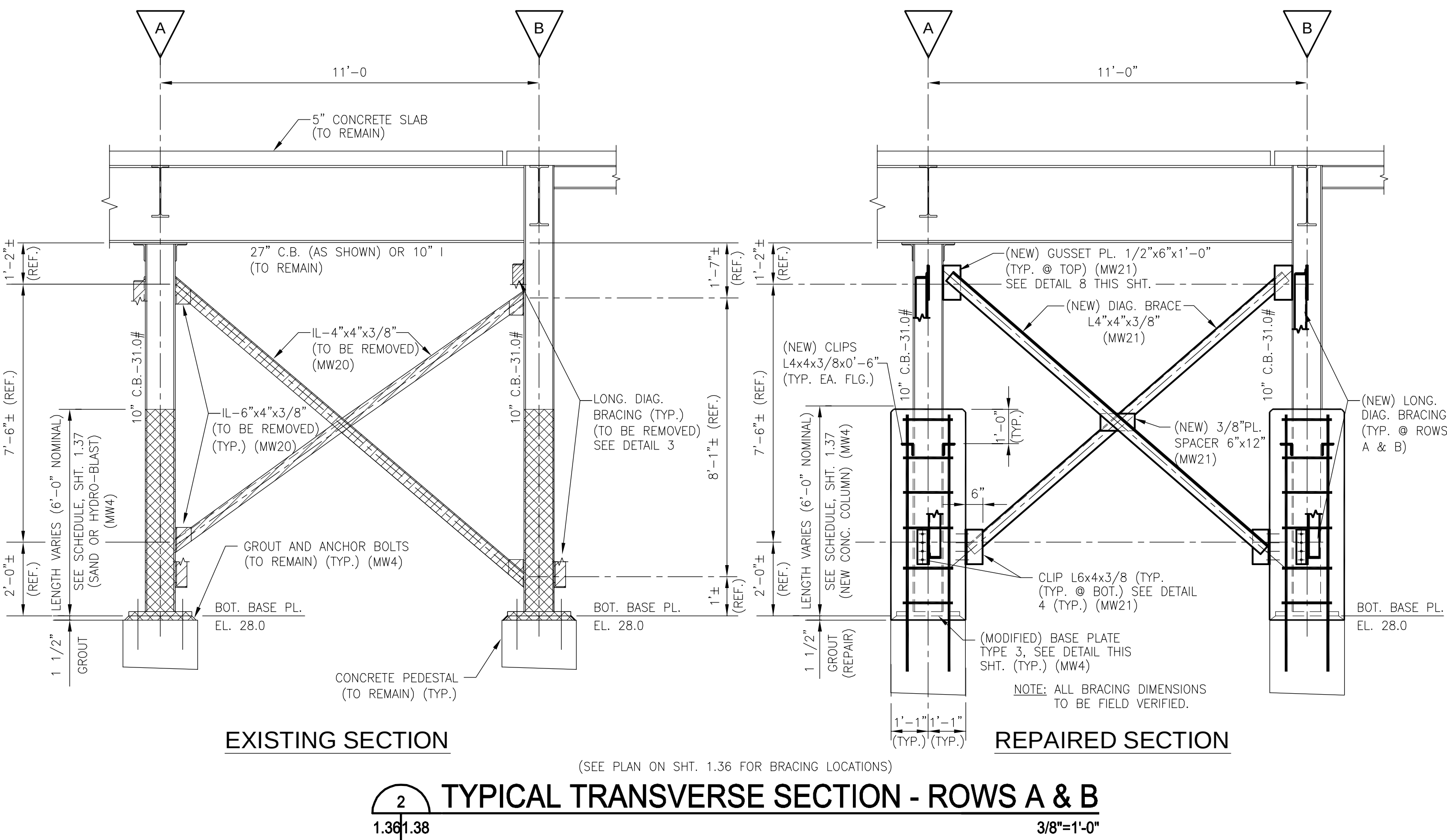
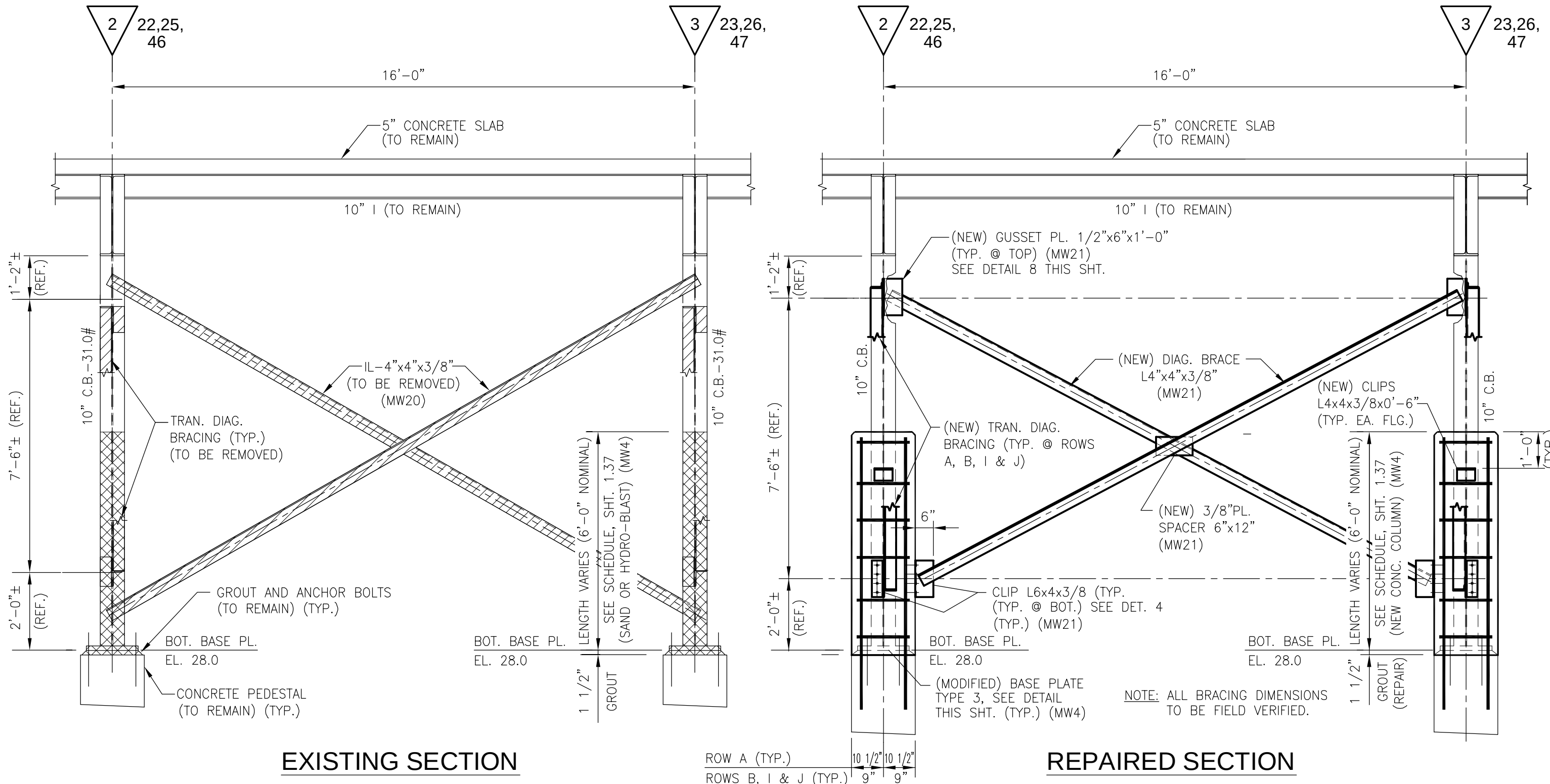
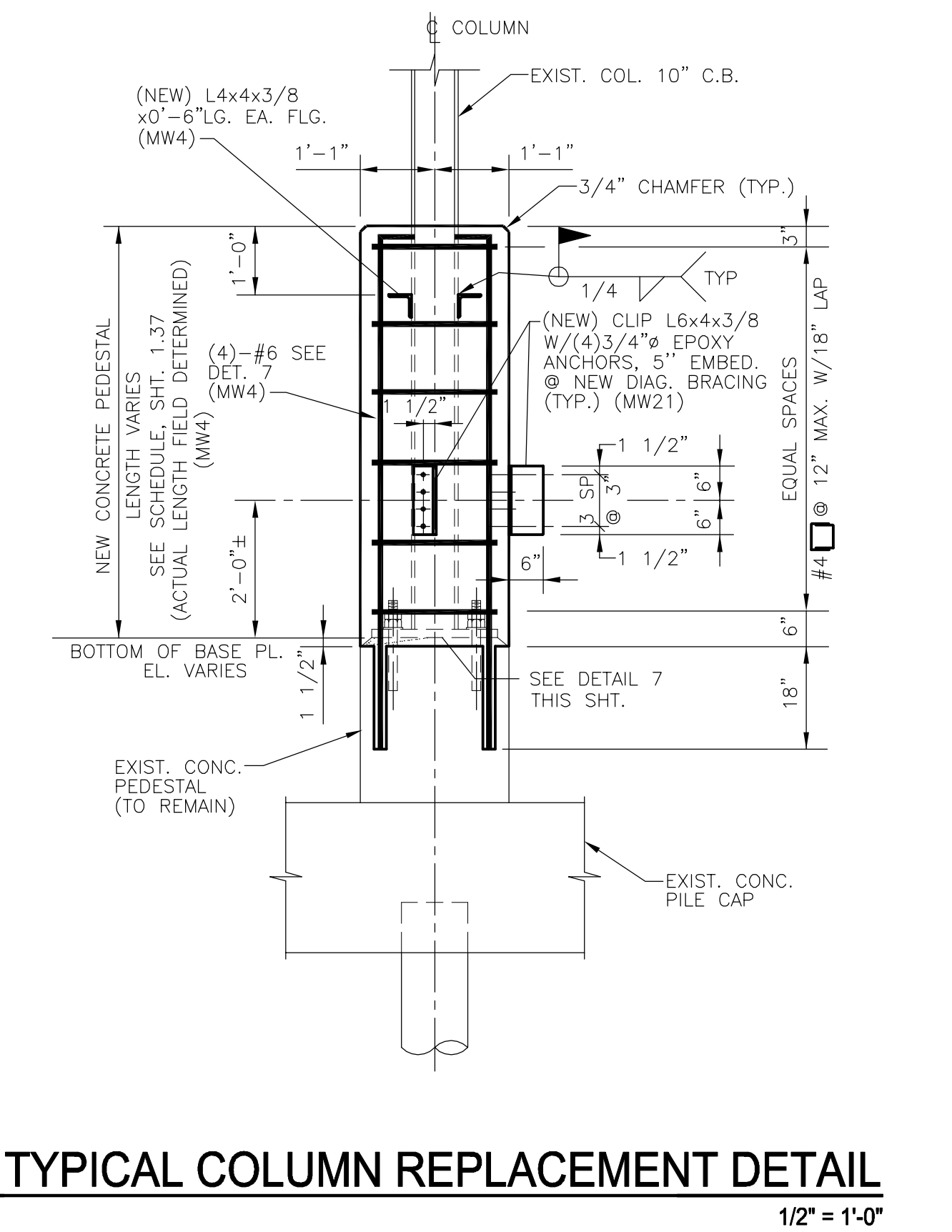
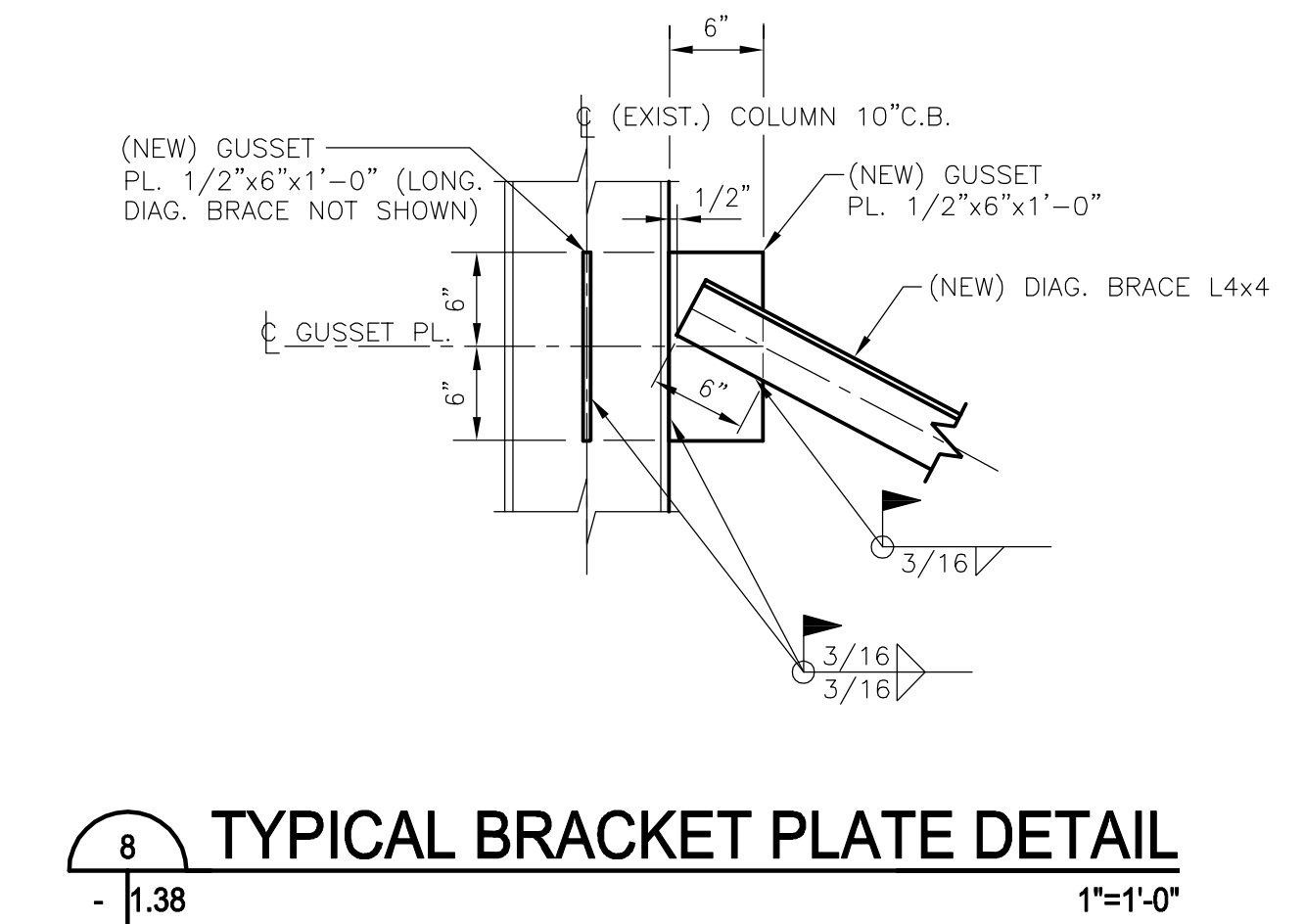
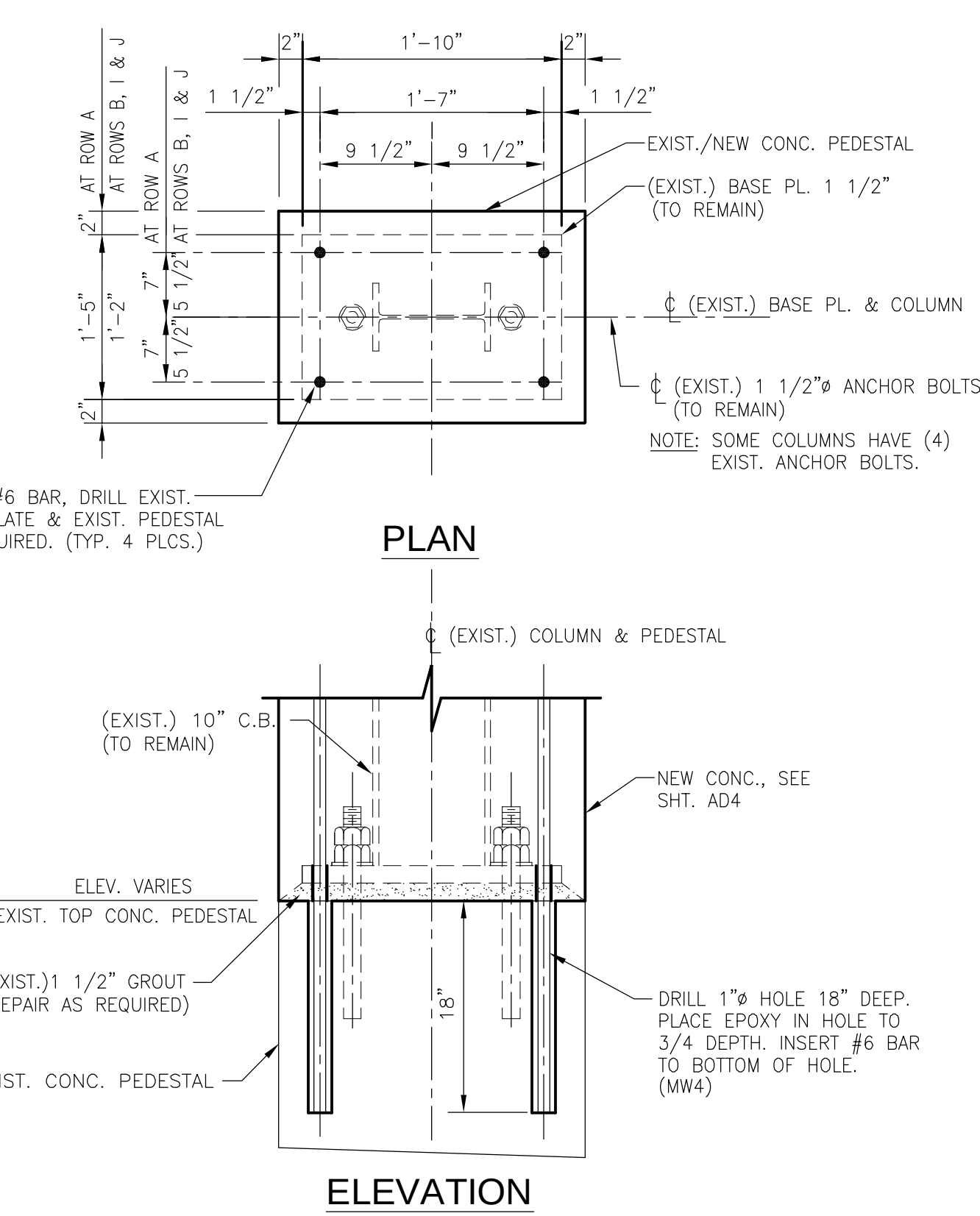
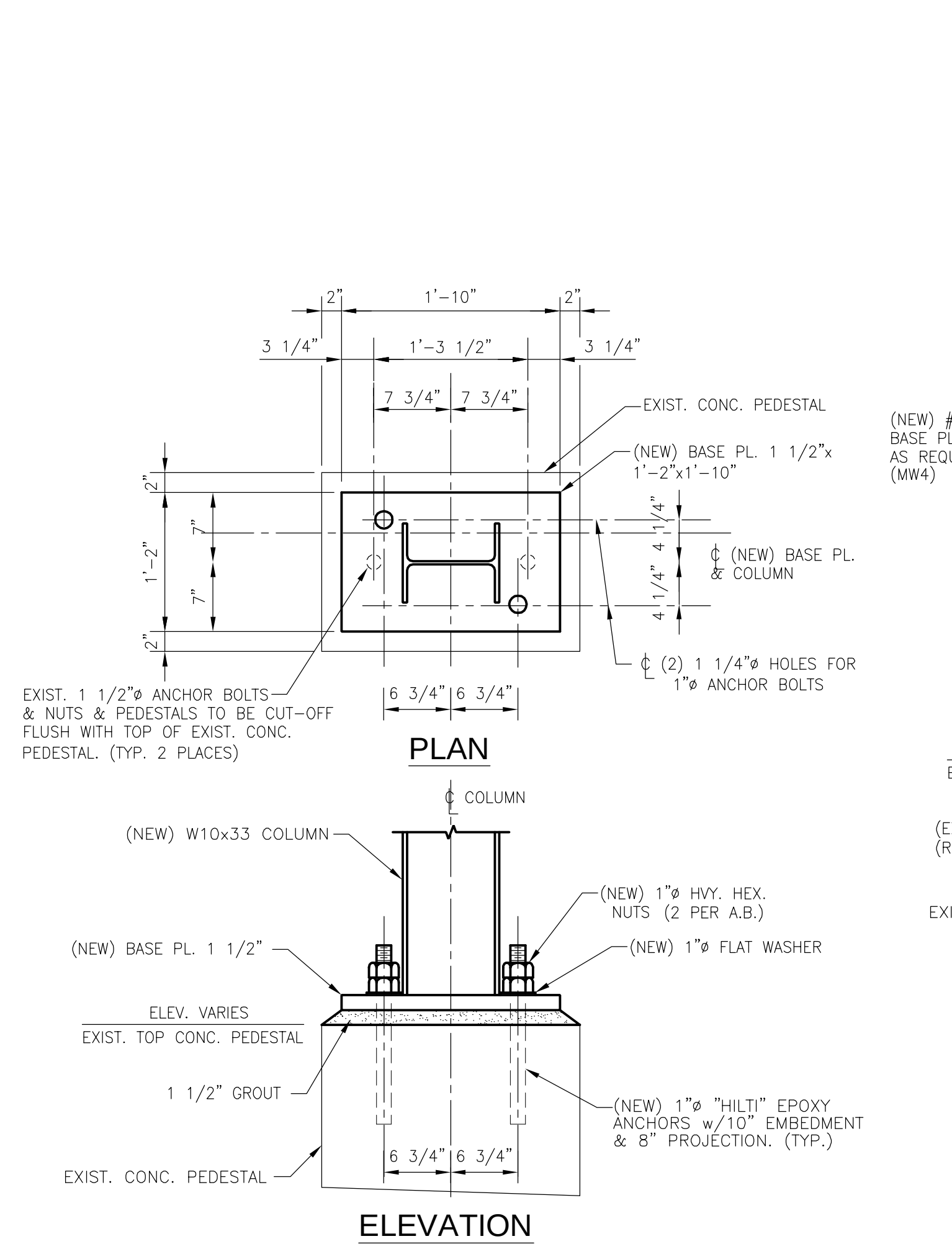
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1-38  
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**REINVENTING THE CRESCENT  
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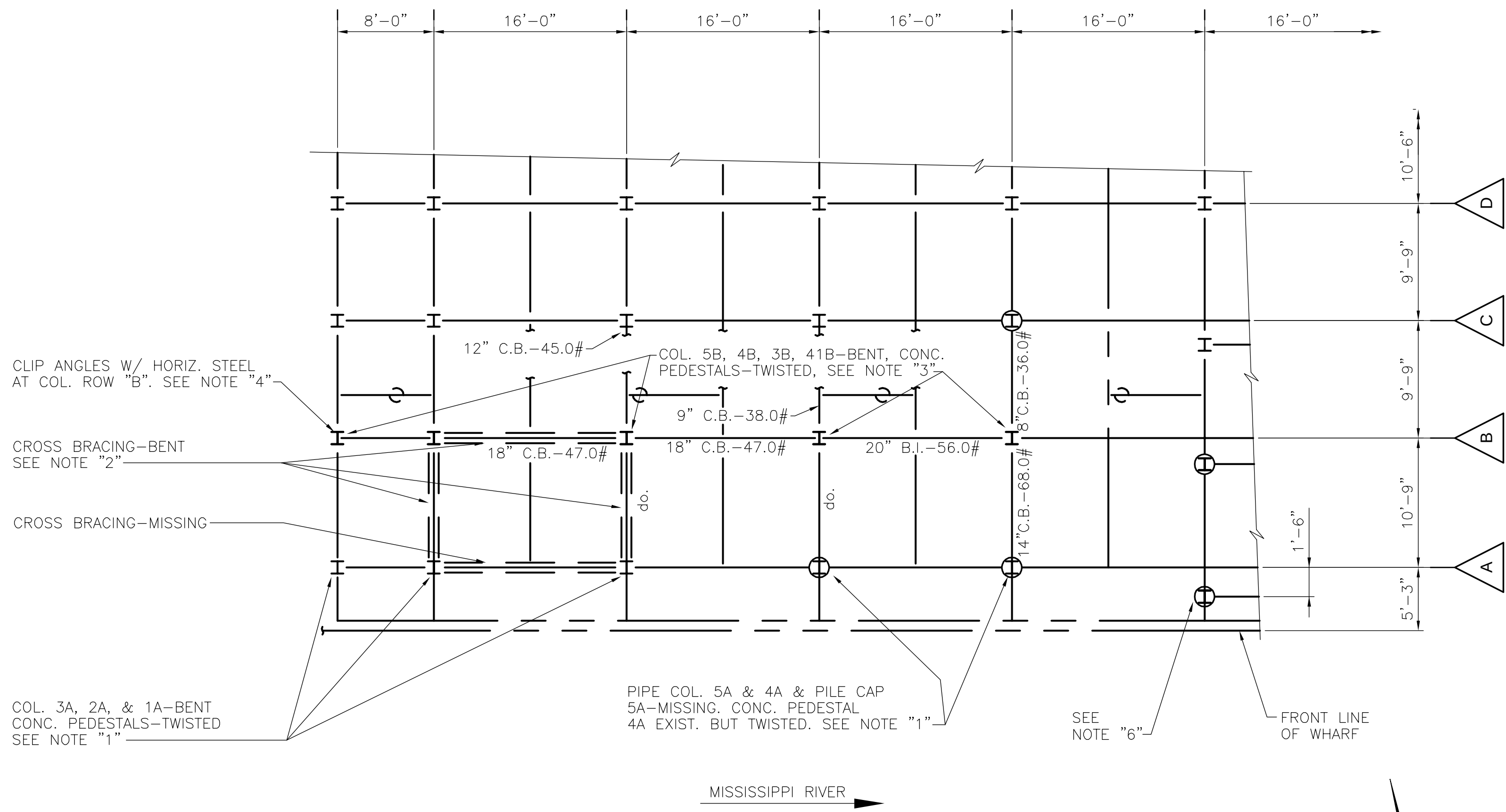
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Drawing Title: PLANS, SECTIONS AND DETAILS  
MANDEVILLE WHARF

Sheet No:

1.38

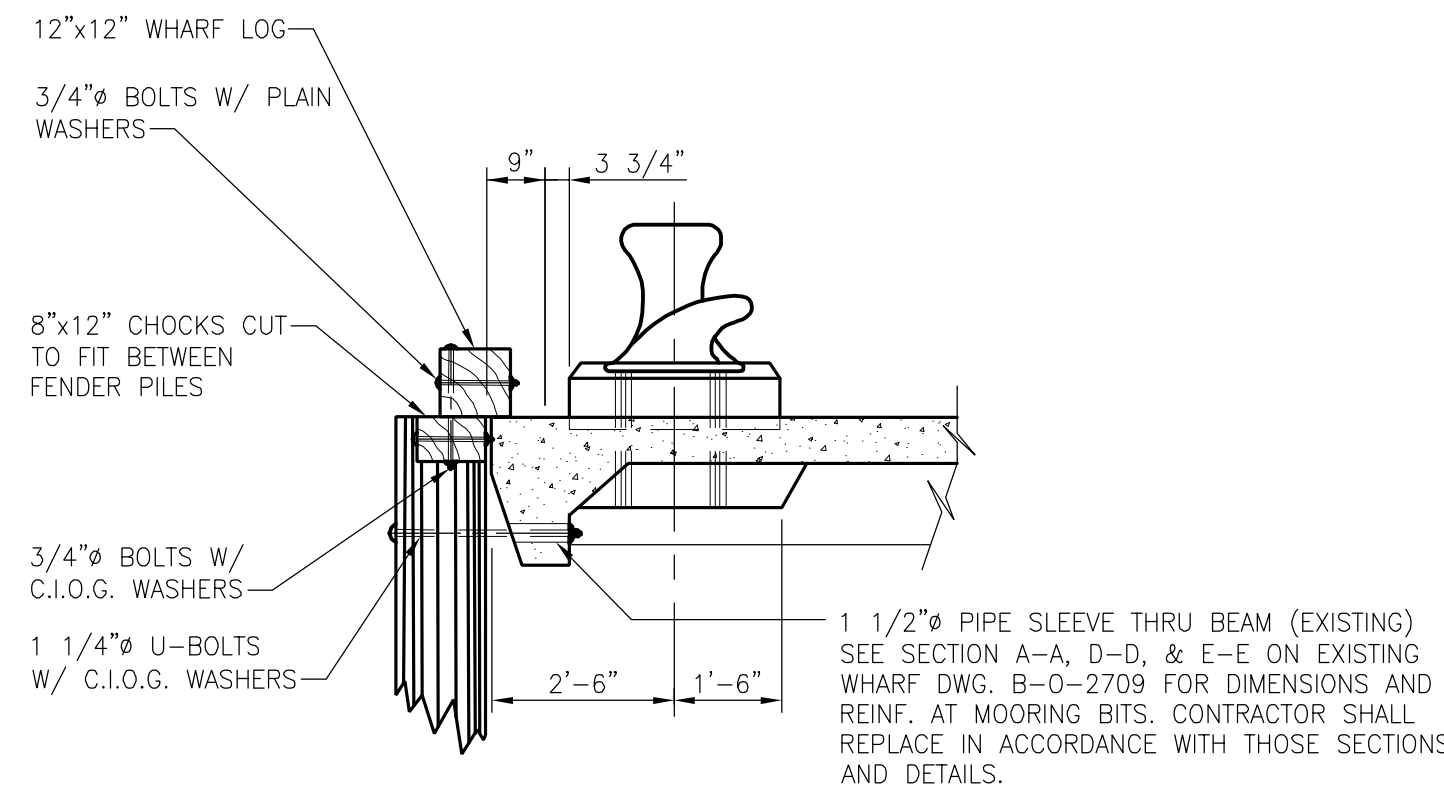
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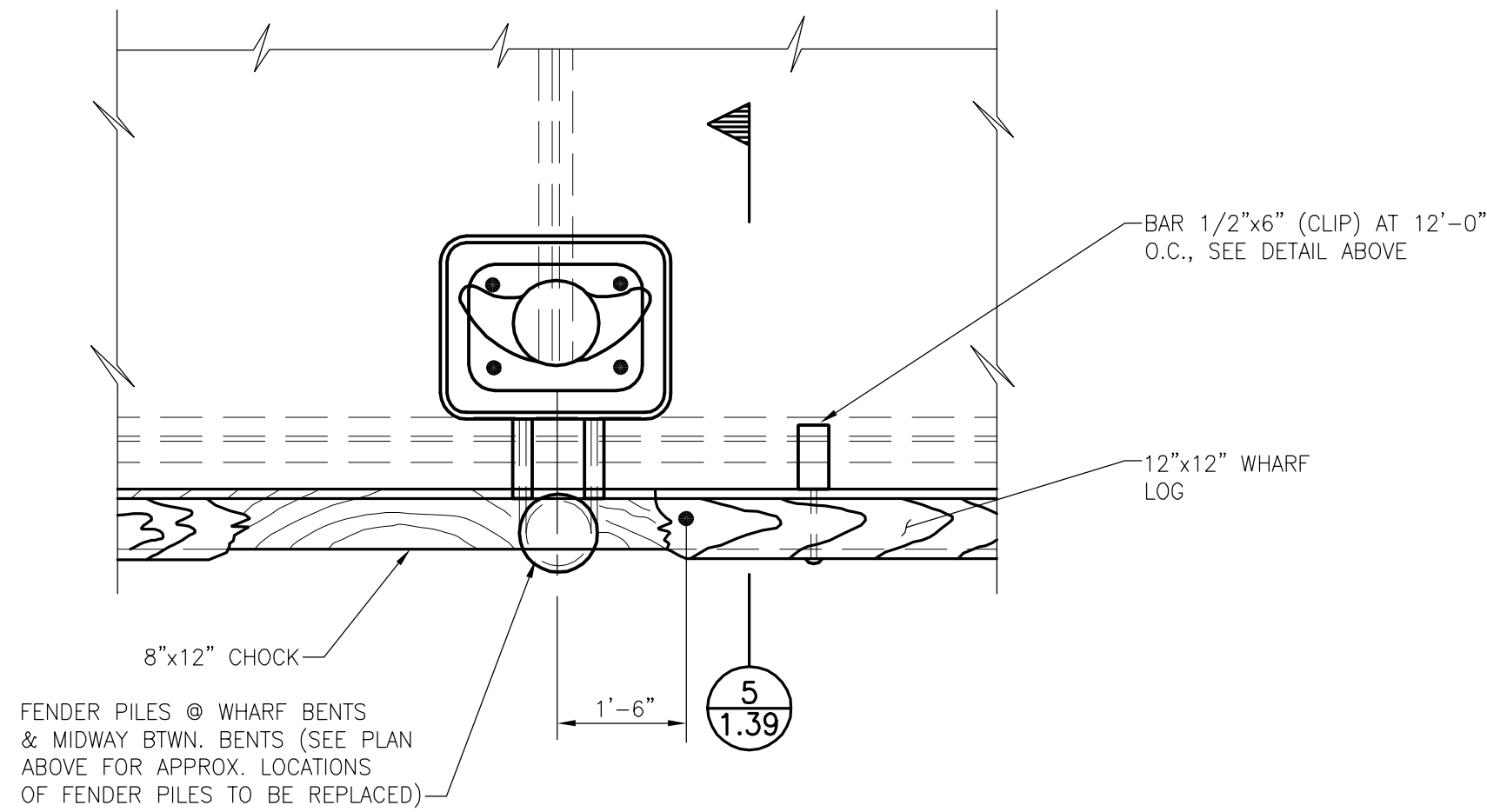


**2** EXISTING PARTIAL PLAN OF UPSTREAM PORTION SHOWING SUBSTRUCTURE STEEL  
- 1.39 1/8"=1'-0"

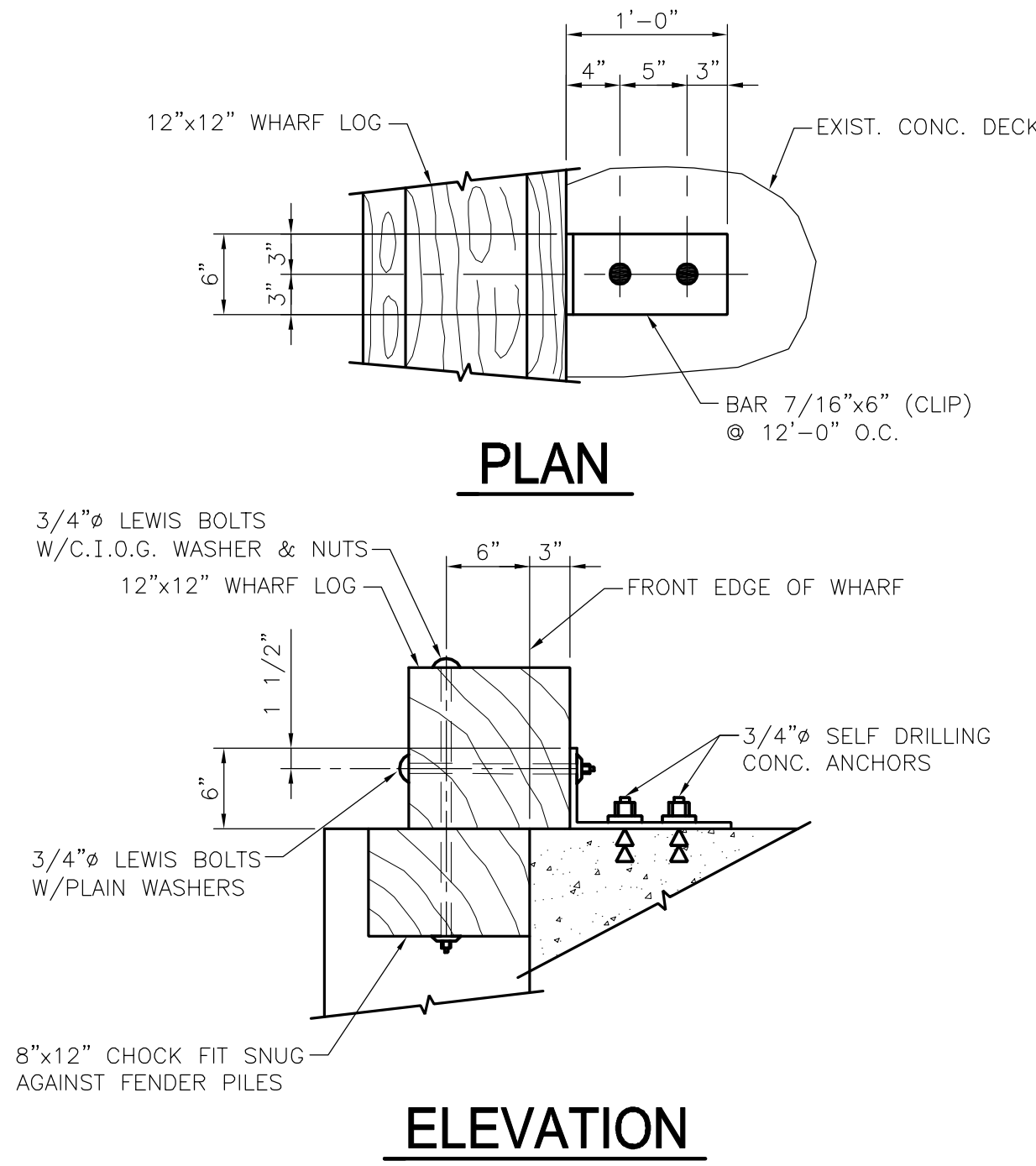
- PIPE COLS. 5A, 4A, & PILE CAP 5A ARE NON-EXISTENT AFTER SHIP'S IMPACT. REMOVE BENT COLS. 3A, 2A, & 1A (10" C.B.-31.0#) CONTRACTOR SHALL ALLOW FOR REMOVAL OF STEEL AND CONCRETE DEBRIS ON BOTTOM OF RIVER IN AREA OF NEW PILES TO BE DRIVEN. CONTRACTOR TO ALSO REMOVE PILE CAPS ADJACENT TO NEW PILE LOCATION AS SHOWN ON SHT 1.41 (MW6).
- REMOVE BENT CROSS BRACING (L4 x 4 x 3/8) W/ ALL HARDWARE & ANCHOR CLIPS. (MW20) SEE TYPICAL DETAILS ON DWG. 1.38.
- REMOVE BENT COL. 5B & 1B (10" C.B.-31.0#). 2'-2" x 1'-6" x 2'-4 1/2" H1. CONC. PEDESTAL TO BE CHIPPED OUT AND REMOVED AT PILE CAP. REINF. STEEL (8-3/4" BARS) TO BE CUT-OFF AT PILE CAP. (2) 1 1/2" ANCHOR BOLTS WILL BE REMOVED W/ PEDESTAL CONCRETE. COL. 4B & 3B (10" C.B.-31.0#) TO BE CUT-OFF & REMOVED ALL BUT 5'-0" BELOW TOP/CONC. DECK, CONC. PILE CAPS, STRUTS, AND PILES ALSO ARE TO BE REMOVED.
- REMOVE (CUT-OFF) CLIP ANGLES (L6 x 6 x 3/8 OR L6 x 4 x 3/8) FROM ALL HORIZONTAL STEEL AT COLS. 5B & 1B.
- PROVIDE SHORING AS REQ'D. TO SUPPORT DECK AND FRAMING DURING REPAIRS & DEMOLITION.
- REMOVE COLUMN FROM BEAM TO TOP OF PEDESTAL.



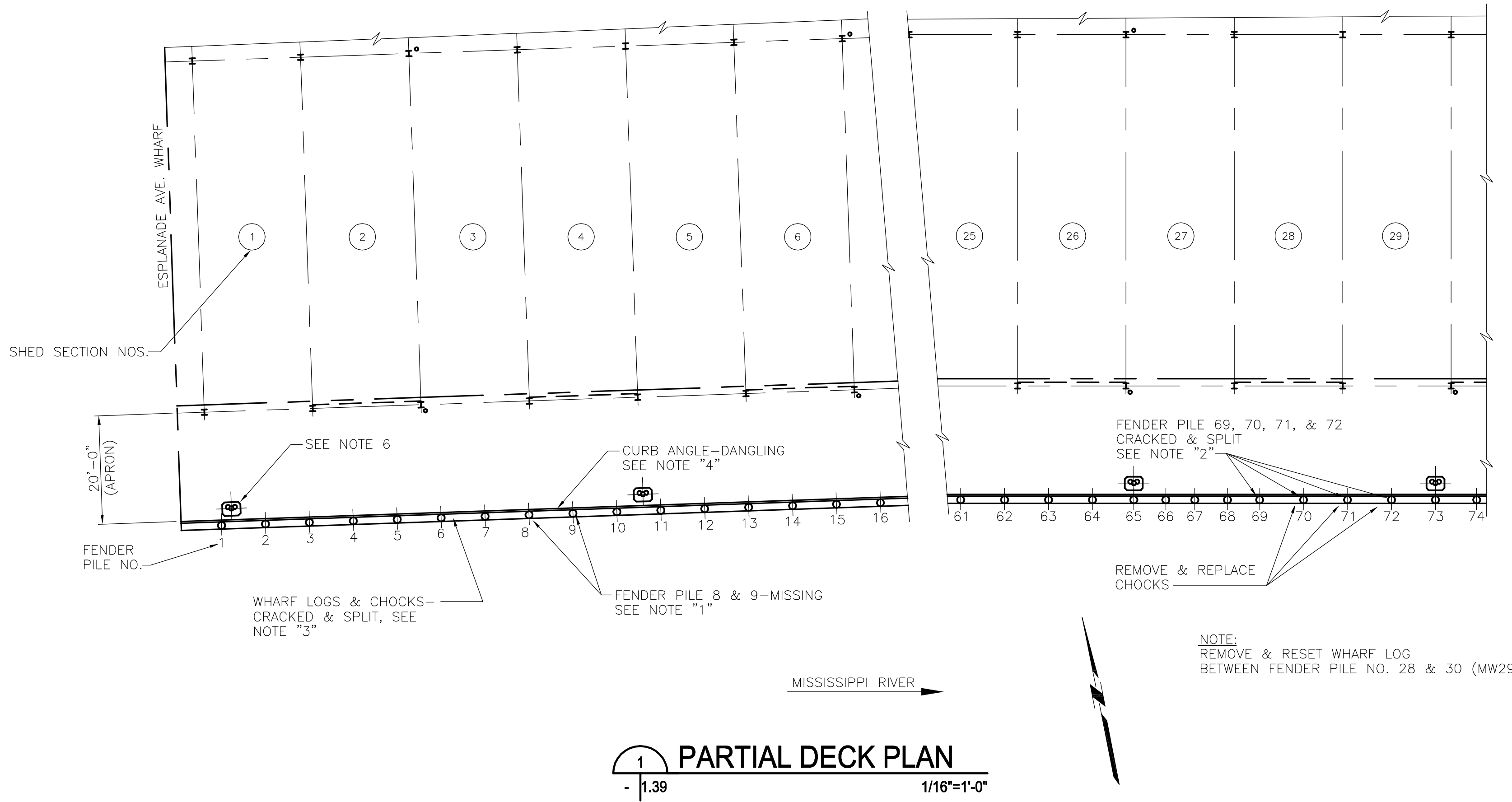
**5** SECTION  
- 1.39 N.T.S.



**4** TYPICAL PLAN @ MOORING BITT  
- 1.39 N.T.S.



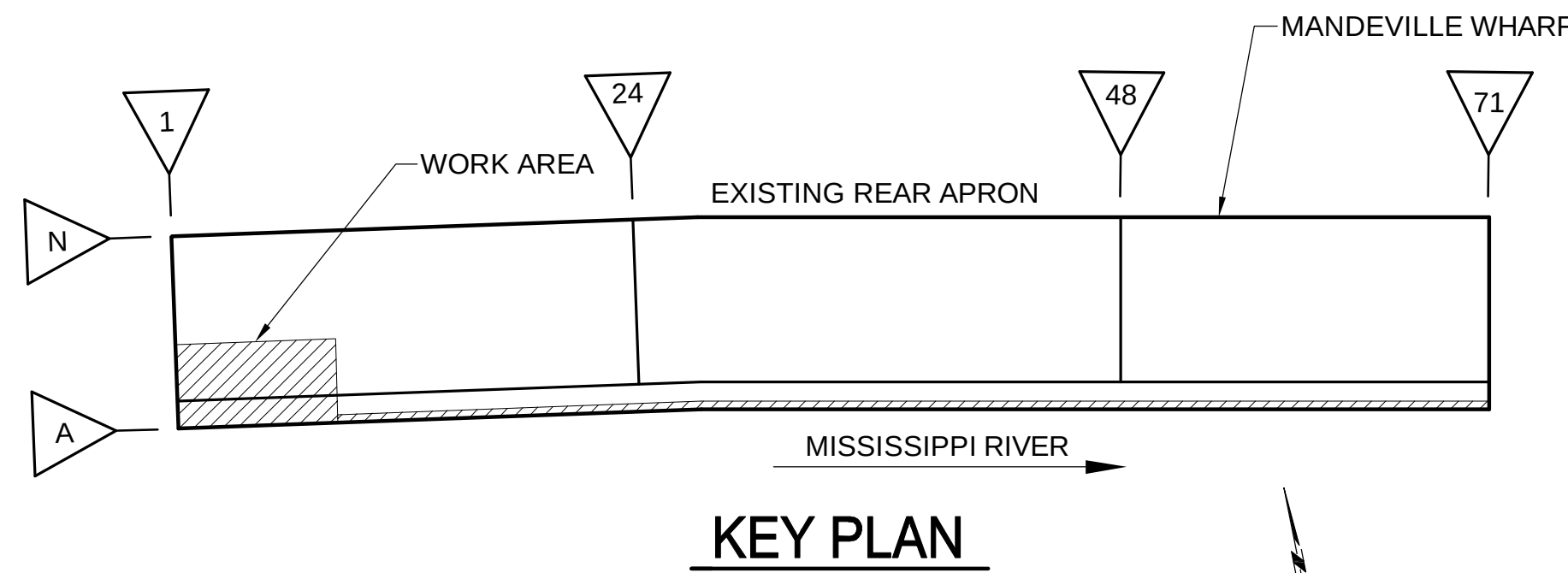
**3** WHARF LOG CLIP DETAIL  
- 1.39 N.T.S.



**1** PARTIAL DECK PLAN  
- 1.39 1/16"=1'-0"

**DEMOLITION NOTES:**

- TIMBER FENDER PILE 8 & 9 ARE NON-EXISTENT AFTER SHIP'S IMPACT. REMOVE EXISTING BENT & TWISTED HARDWARE AND REPLACE. (MW22)
- REMOVE TIMBER FENDER PILES 69, 70, 71, & 72 W/ ALL EXISTING HARDWARE AND REPLACE. (MW22)
- REMOVE WHARF LOGS (12" x 12" TIMBER) & CHOCKS (12" x 8" TIMBER) AND REPLACE. SEE DETAILS THIS DWG. (MW29)
- REMOVE DANGLING CURB ANGLE (L3 1/2 x 3 1/2 x 3/8). (MW23)
- ALL EXISTING DIMENSIONS & LOCATIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO FABRICATION.
- REMOVE EXISTING MOORING BIT PRIOR TO CONCRETE DEMO (SEE DWG. 1.40). REPLACE MOORING BIT IN SAME LOCATION WHEN DECK IS CAST. REVISE OR REPLACE ALL EXTERIOR HARDWARE, BOLTS, ETC. AS REQUIRED.



**KEY PLAN**

**REINVENTING THE CRESCENT  
DOWNRIVER PARK**  
NEW ORLEANS BUILDING CORPORATION, CLIENT  
NEW ORLEANS, LOUISIANA 70117  
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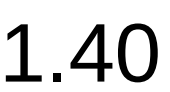
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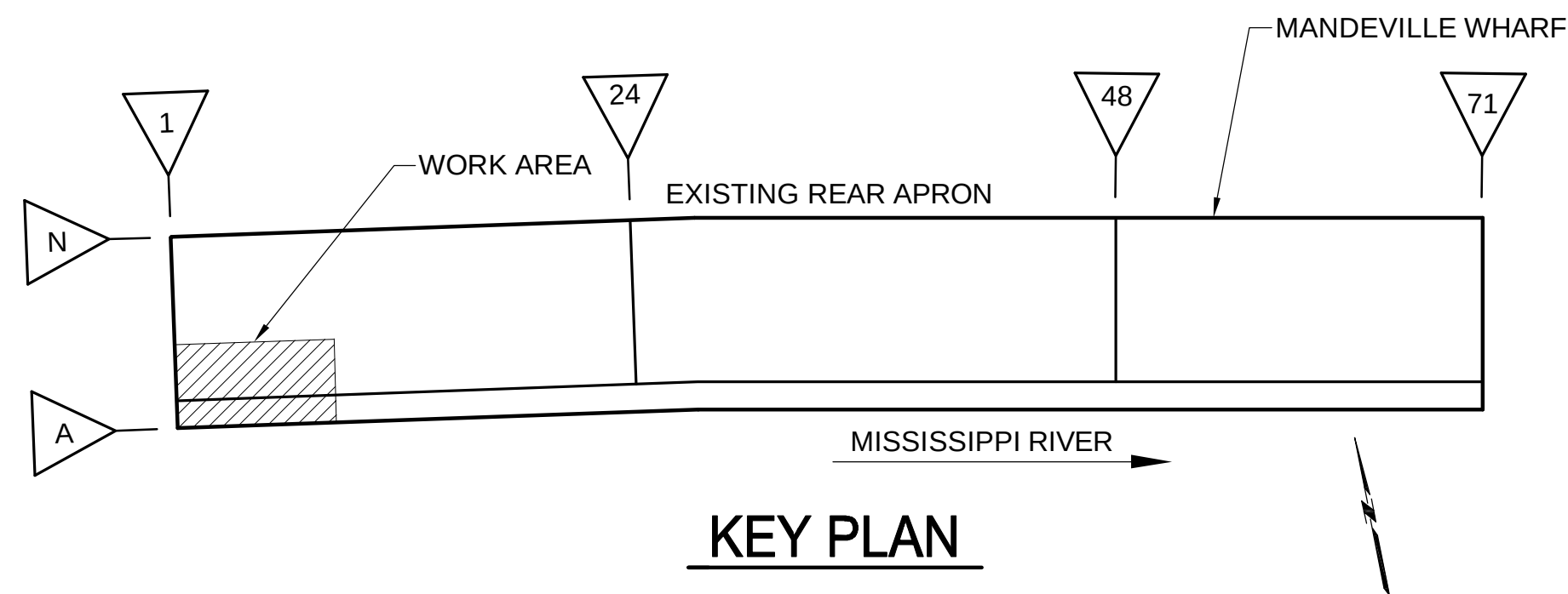
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Drawn By: TOCA  
Drawing Title:  
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TOP SURFACE  
SHEET 1 OF 2  
MANDEVILLE WHARF  
Sheet No:

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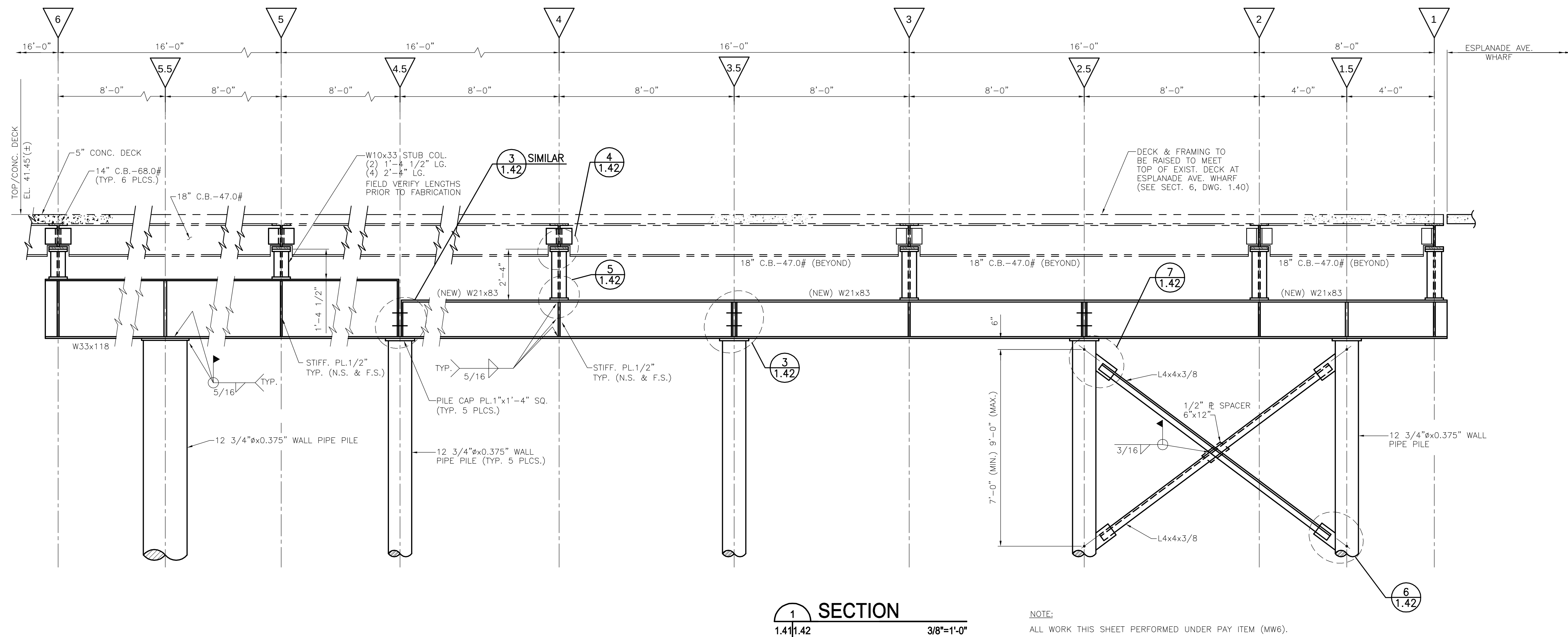
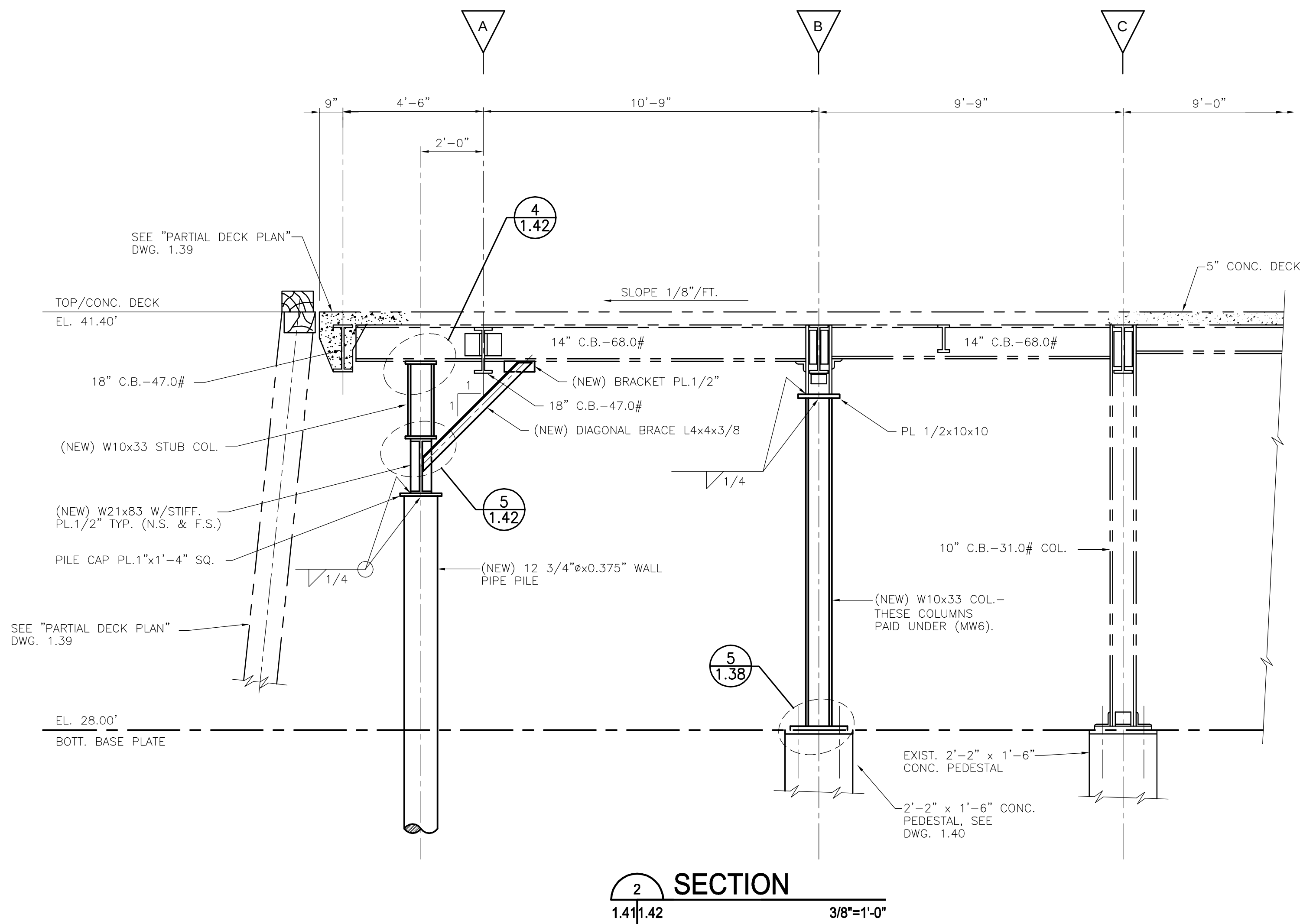
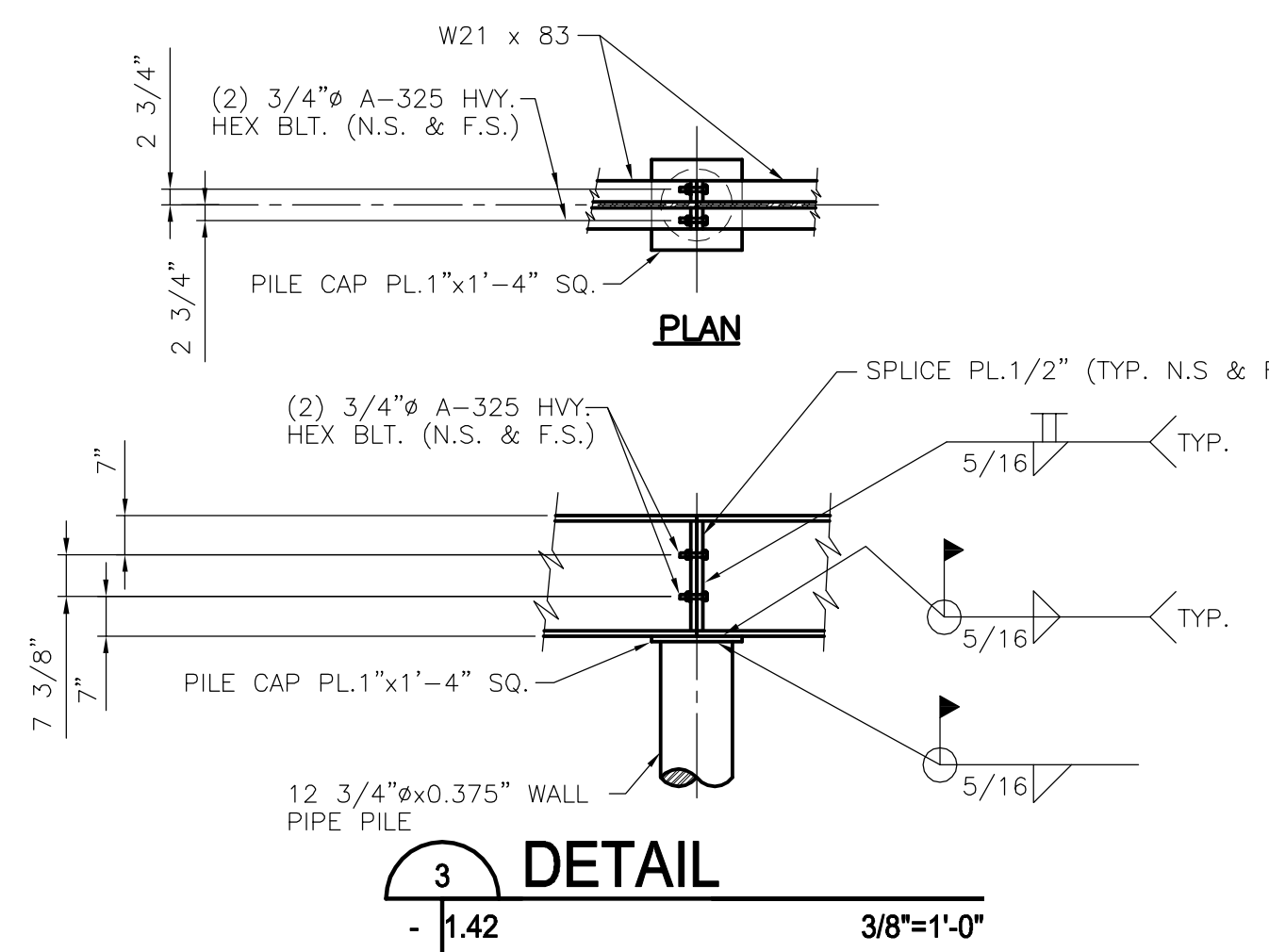
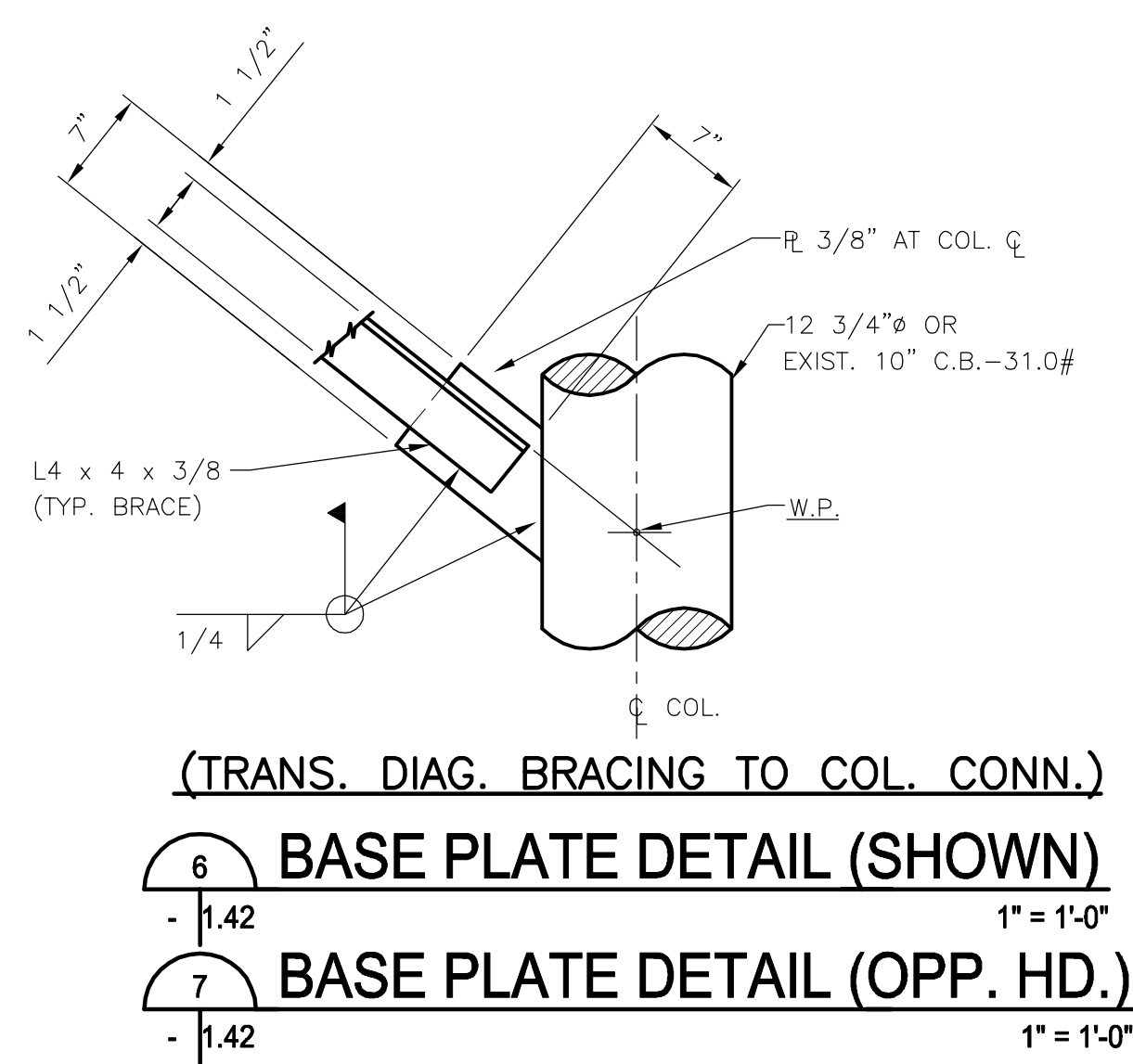
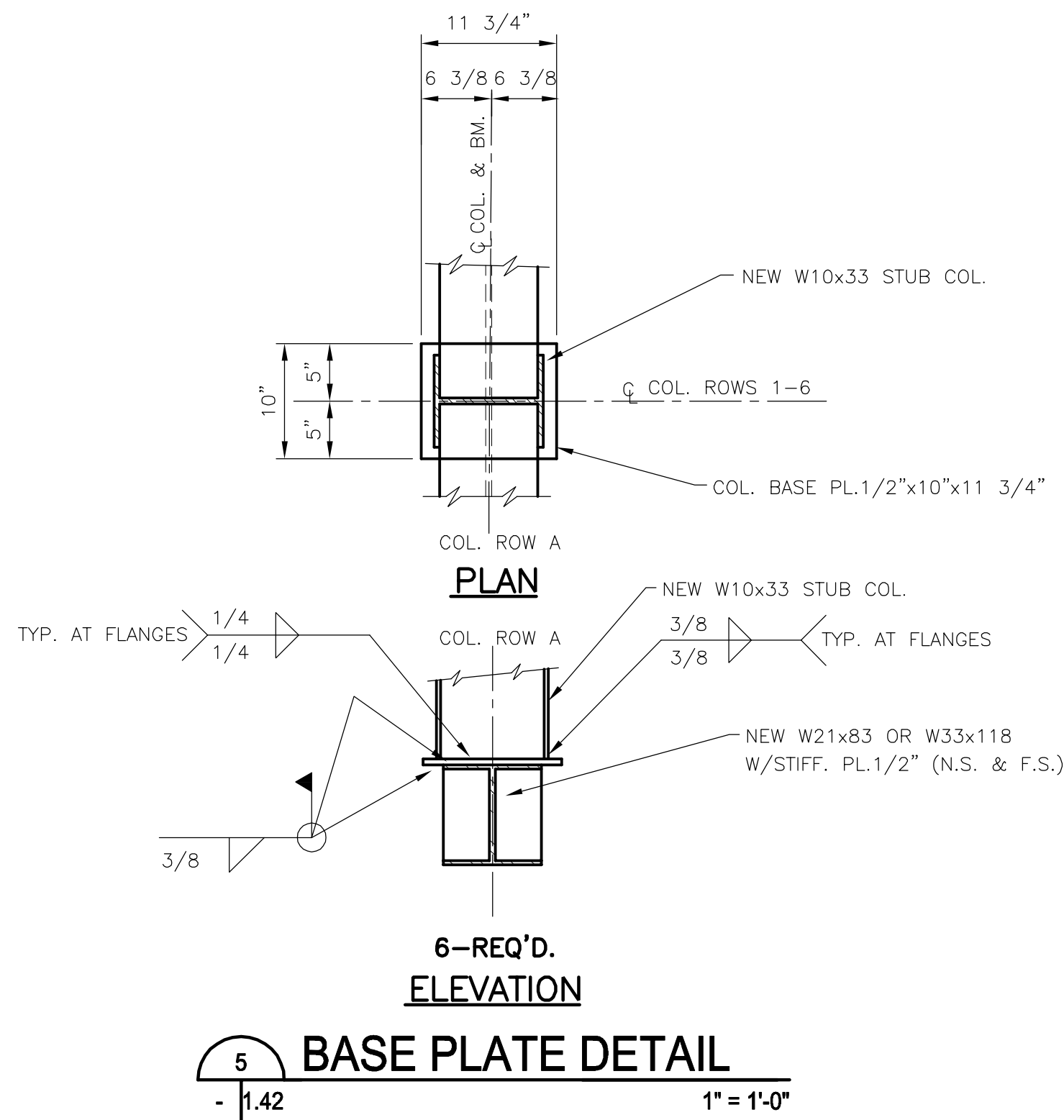
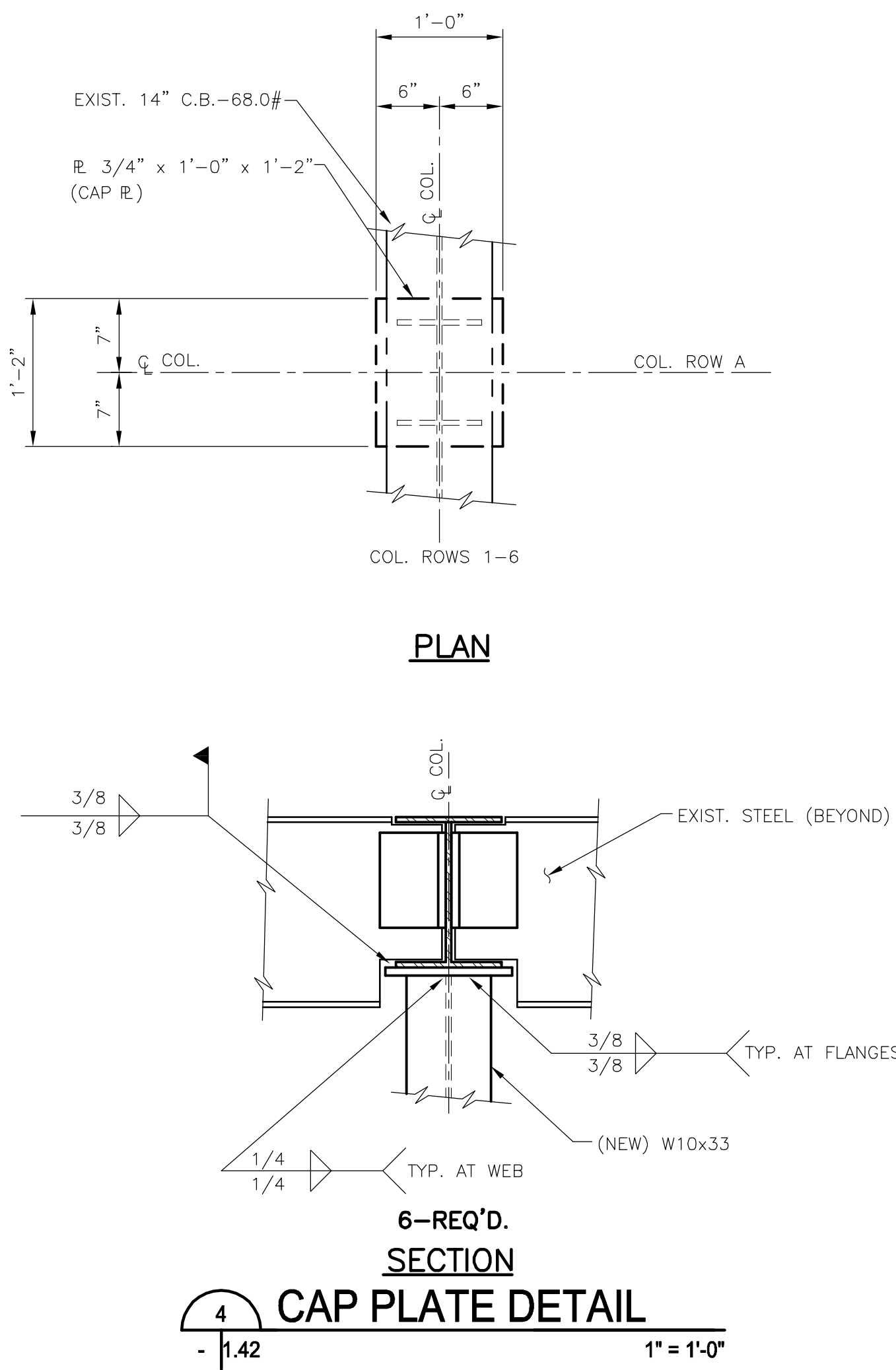




|                   |       |
|-------------------|-------|
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| Drawn By:         | TOCA  |
| Drawing Title:    |       |
| WHARF REPAIR PLAN |       |
| AND SECTION       |       |
| SUBSTRUCTURE      |       |
| MANDEVILLE WHARF  |       |
| Sheet No:         |       |



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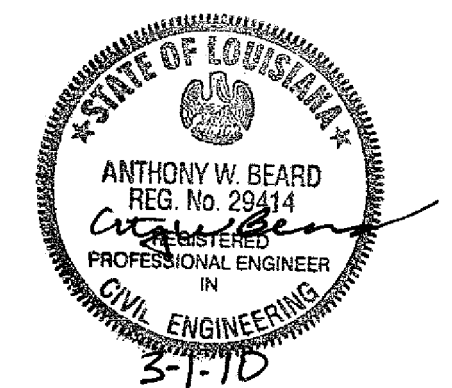


NOTE:  
ALL WORK THIS SHEET PERFORMED UNDER PAY ITEM (MW6).

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| 09/30/09                               | AS SHOWN               | 20090216    | 1.42 |
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Drawn By: TOCA  
Drawing Title:  
WHARF REPAIR SECTIONS  
AND DETAILS  
SUBSTRUCTURE SH. 1 OF 2  
MANDEVILLE WHARF  
Sheet No:

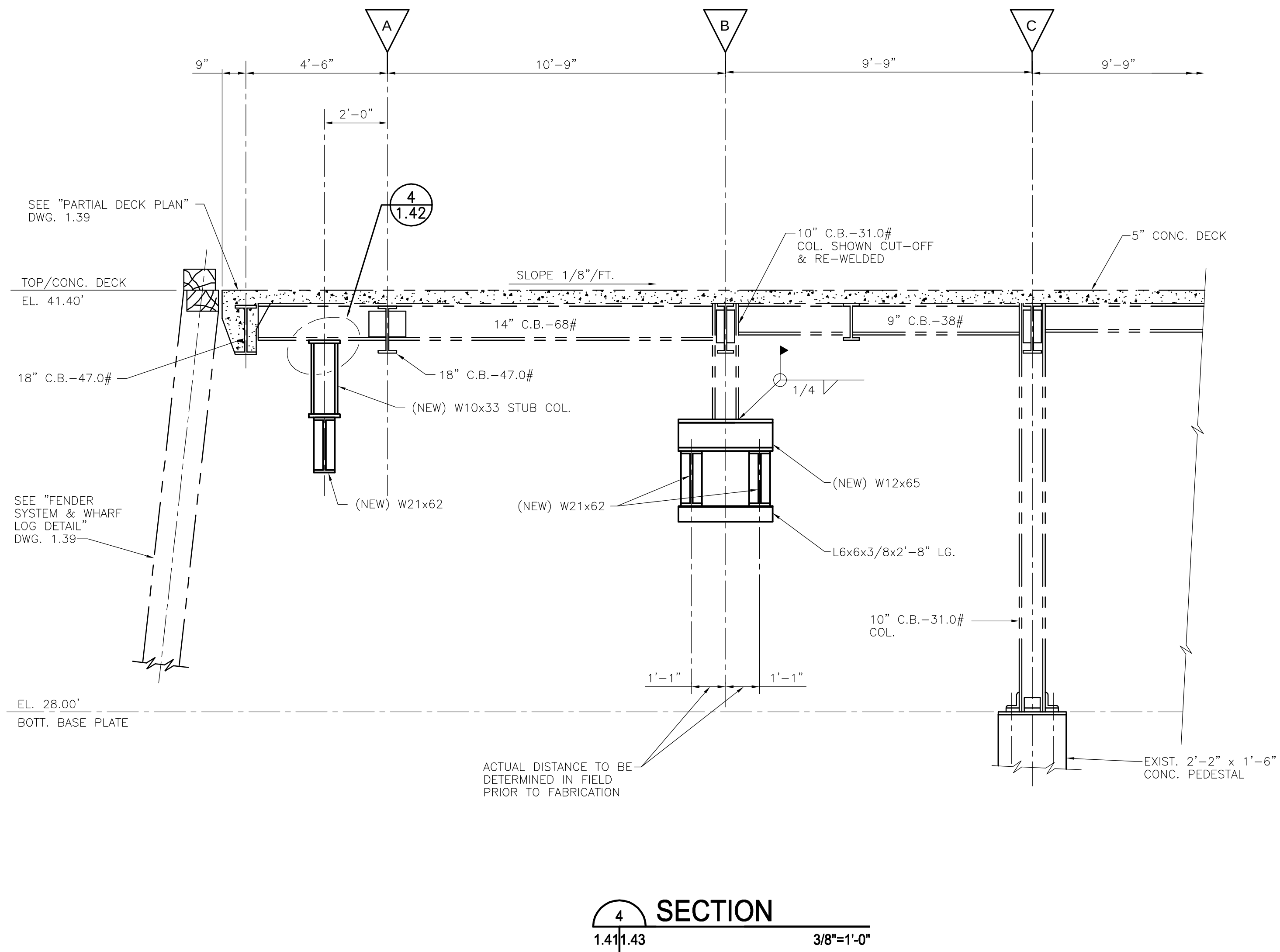
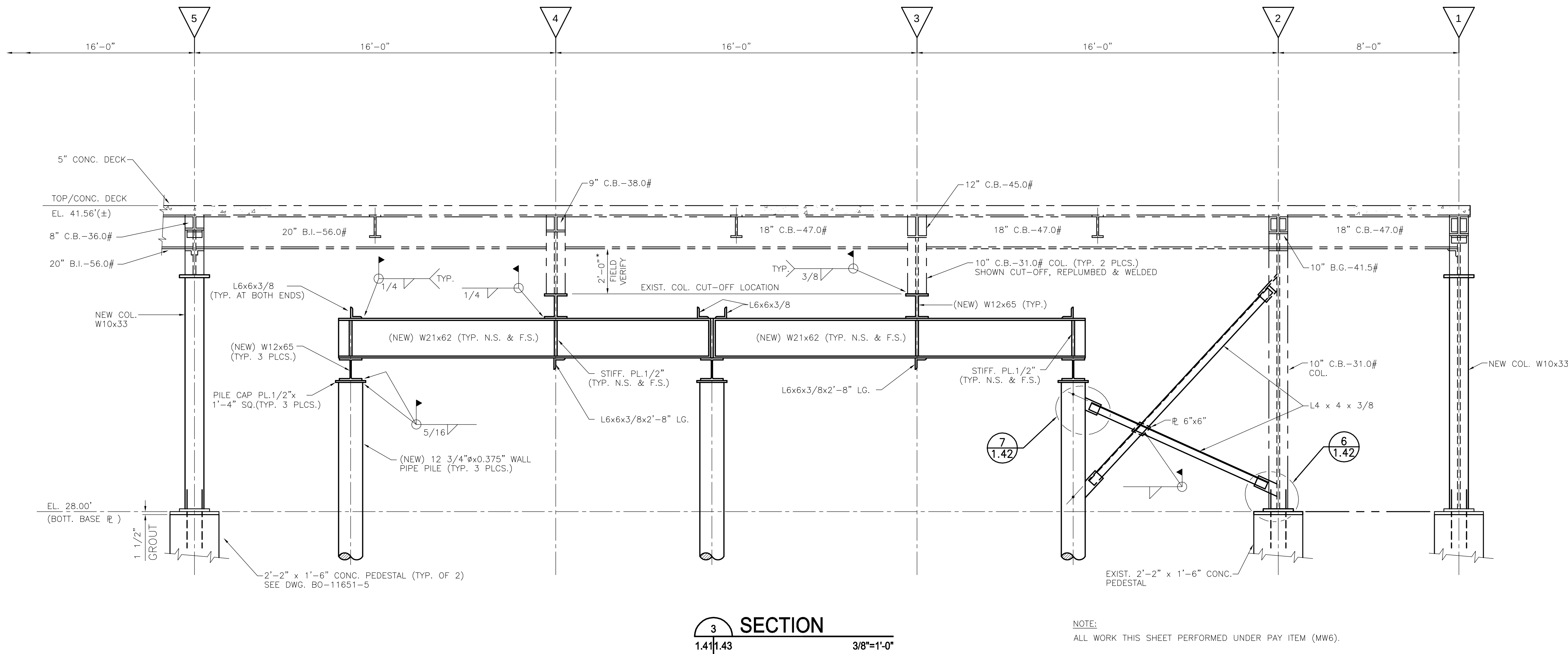
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|                                                                                     |          |                                  |             |
|-------------------------------------------------------------------------------------|----------|----------------------------------|-------------|
|  |          | WALDEMAR S. NELSON AND COMPANY   |             |
|                                                                                     |          | INCORPORATED                     |             |
|                                                                                     |          | ENGINEERS AND ARCHITECTS         |             |
| 1200 ST. CHARLES AVE.                                                               |          | NEW ORLEANS, LA.                 |             |
| DATE                                                                                | SCALE    | JOB NO.                          | DRAWING NO. |
| 09/30/09                                                                            | AS SHOWN | 20090216                         | 1.43        |
| DESIGNED BY: AWB                                                                    |          | REGISTRATION NO. 29414 STATE: LA |             |
| ACAD FILE NO. 1.43.DWG                                                              |          | PLOT: - - - -                    |             |



REINVENTING THE CRESCENT  
DOWNRIVER PARK  
NEW ORLEANS BUILDING CORPORATION, CLIENT  
NEW ORLEANS, LOUISIANA 70117  
ELYSIAN FIELDS TO MAZANT STREET

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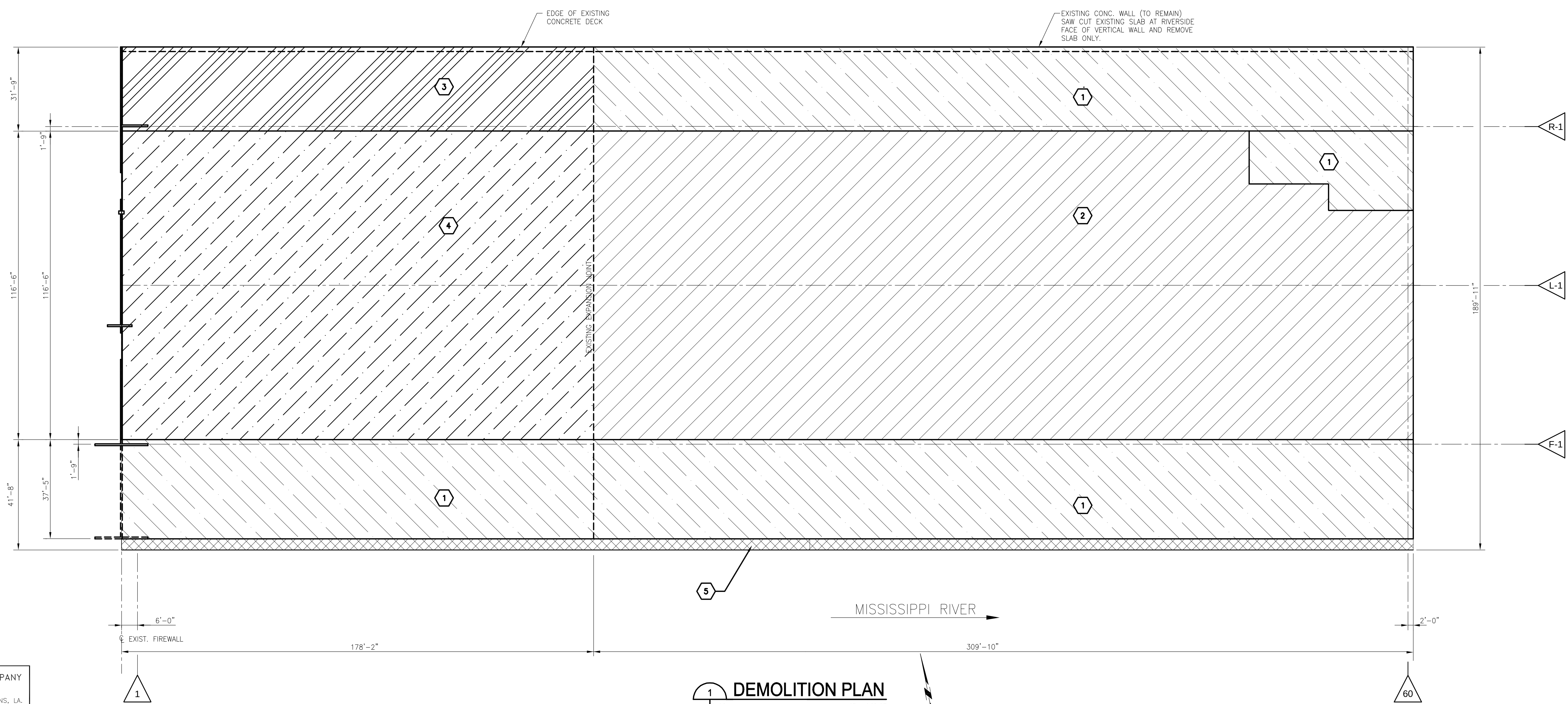
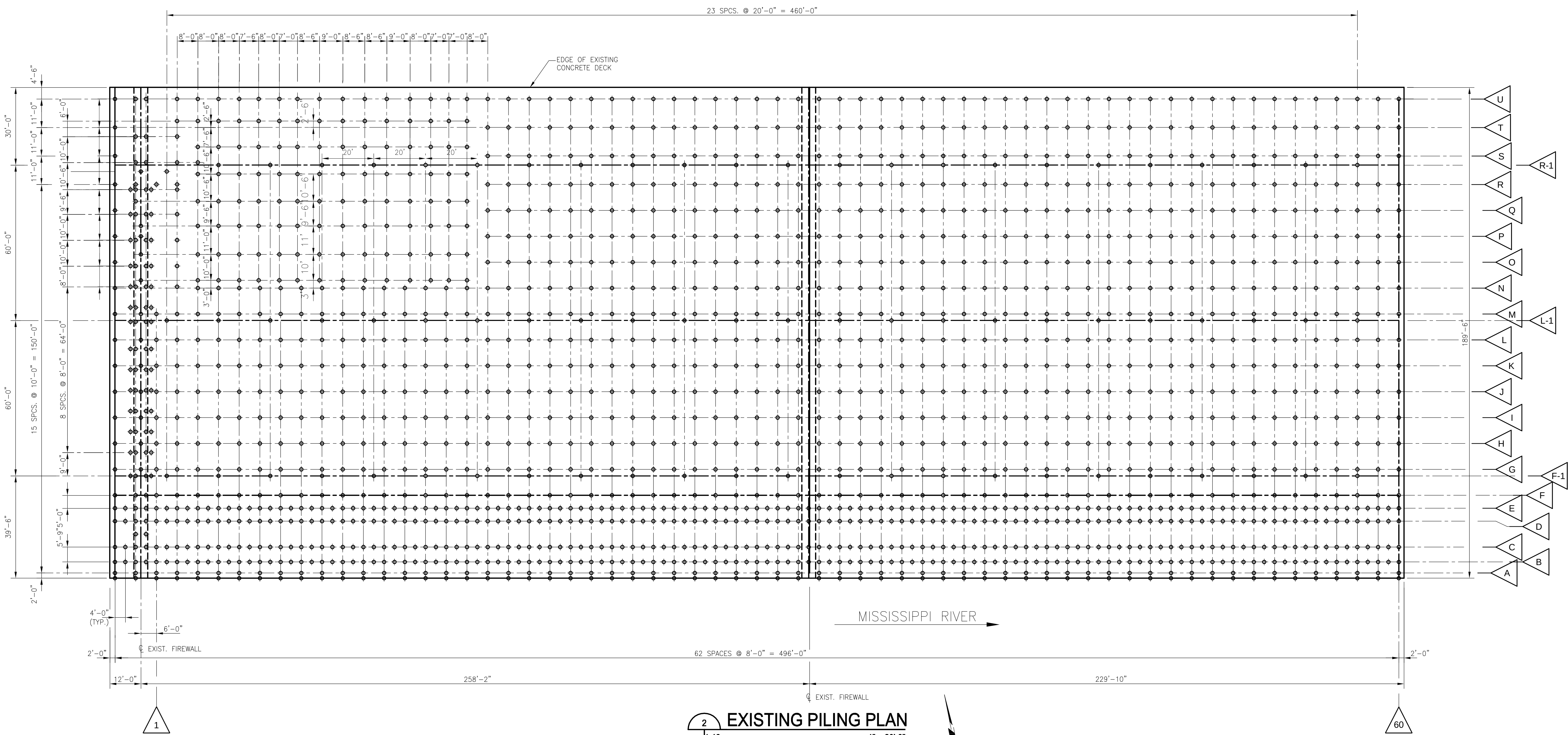
Date: 2 MARCH 2010



E+D+R No. 08012  
Drawn By: TOCA  
Drawing Title:  
WHARF REPAIR SECTIONS  
AND DETAILS  
SUBSTRUCTURE SH. 2 OF 2  
MANDEVILLE WHARF  
Sheet No:

|                              |                                 |                 |                    |
|------------------------------|---------------------------------|-----------------|--------------------|
| Eskeew + Dumetz + Ripple     | Executive Architect             | New Orleans, LA | www.studiodr.com   |
| Hargreaves Associates        | Lead Design Landscape Architect | Cambridge, MA   | www.hargreaves.com |
| Michael Maltzan Architecture | Associate Architect             | Los Angeles, CA | www.maltzan.com    |
| Adjaye & Associates          | Associate Architect             | New York, NY    | www.adjaye.com     |





LEGEND:

- |   |                                                                                 |
|---|---------------------------------------------------------------------------------|
| 1 | EXIST. CONC. DECK TO BE REMOVED. (PW3)                                          |
| 2 | EXIST. TIMBER DECK TO BE REMOVED. (PW1)                                         |
| 3 | EXIST. CONC. DECK TO REMAIN AND REPAIRED AS REQUIRED. (PW22)                    |
| 4 | EXIST. TIMBER DECK TO BE REMOVED AND REPLACED (SEE SHT. 1.47) (PW2)             |
| 5 | EXIST. TIMBER FENDER PILES, WHARF LOGS, MOORING BITS, ETC. TO BE REMOVED. (PW1) |

|                                                                                     |                   |                                                                                                                      |           |
|-------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------|-----------|
|  |                   | WALDEMAR S. NELSON AND COMPANY<br>INCORPORATED<br>ENGINEERS AND ARCHITECTS<br>1200 ST. CHARLES AVE. NEW ORLEANS, LA. |           |
|                                                                                     |                   | DRAWING NO.                                                                                                          | JOB NO.   |
| DATE<br>09/30/09                                                                    | SCALE<br>AS SHOWN | 20090216                                                                                                             | 1.46      |
| DESIGNED BY: AWB                                                                    |                   | REGISTRATION NO. 29414                                                                                               | STATE: LA |
| ACAD FILE NO. 1.46.DWG                                                              |                   | PLOT:                                                                                                                |           |

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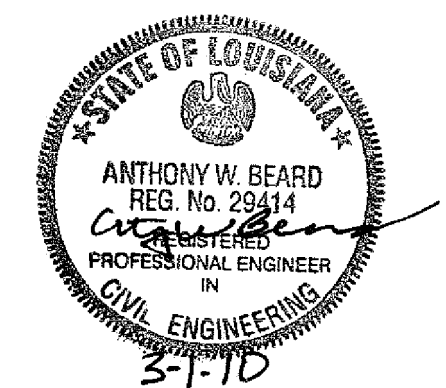
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Elysian Fields to Mazant Street

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| E+D+R No.           | 08012     |
| Drawn By:           | L. NGUYEN |
| Drawing Title:      |           |
| EXISTING PILING AND |           |
| DEMOLITION PLANS    |           |
| PIETY WHARF         |           |

Sheet No: \_\_\_\_\_

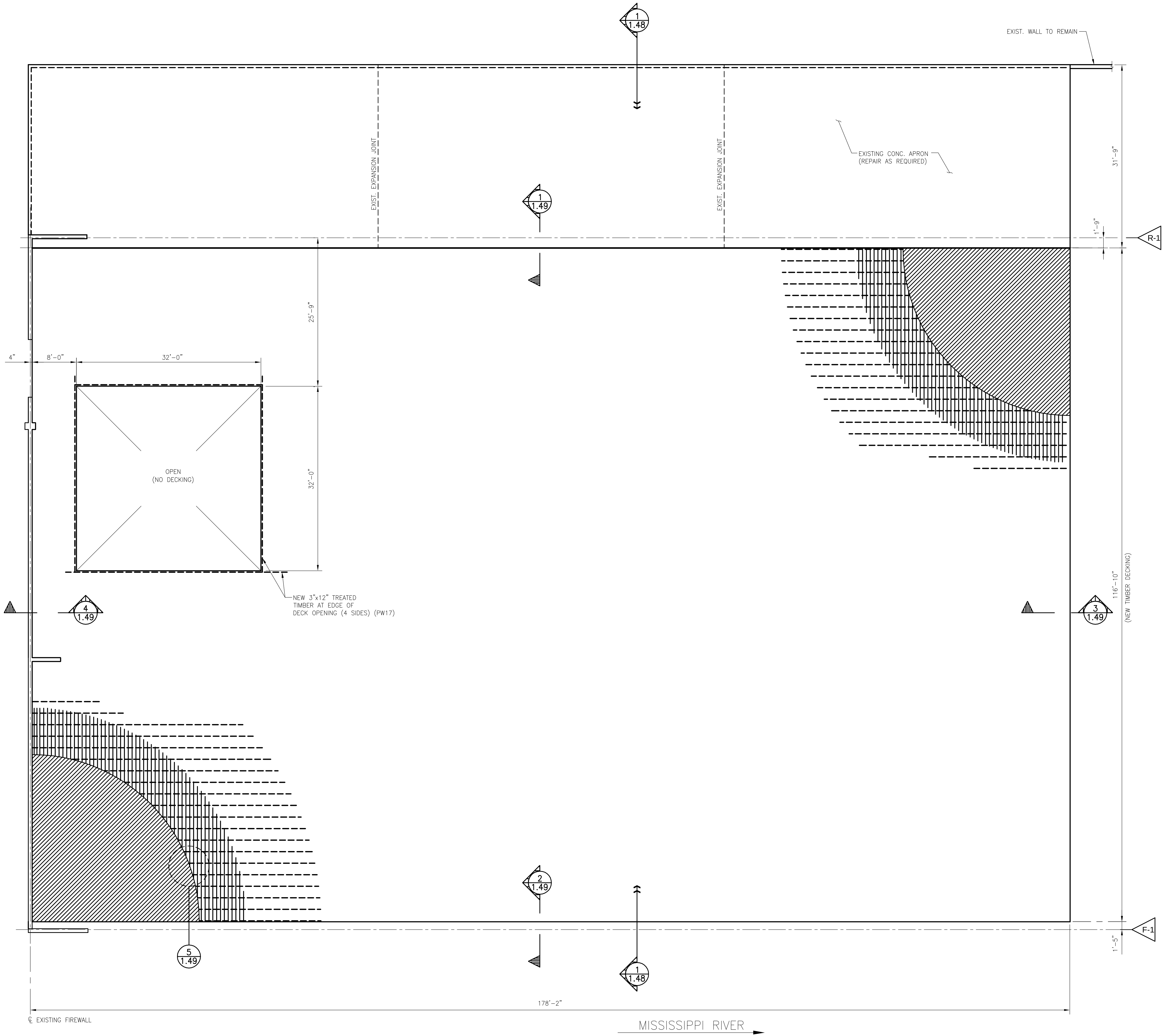
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NEW ORLEANS, LA.  
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SCALE: AS SHOWN  
JOB NO: 20090216  
DRAWING NO: 1.47  
DESIGNED BY: AWB  
ACAD FILE NO: 1.47.DWG  
PLOT: 100% 11x17

REGISTRATION NO. 29414  
STATE: LA



**DECK RESURFACING PLAN**  
1/8" = 1'-0"

**REINVENTING THE CRESCENT  
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Drawing Title:  
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PIETY WHARF

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| Hargreaves Associates        | Lead Design Landscape Architect | Cambridge, MA   | www.hargreaves.com |
| Michael Maltzan Architecture | Associate Architect             | Los Angeles, CA | www.maltzan.com    |
| Adjaye & Associates          | Associate Architect             | New York, NY    | www.adjaye.com     |



