

APPENDIX G

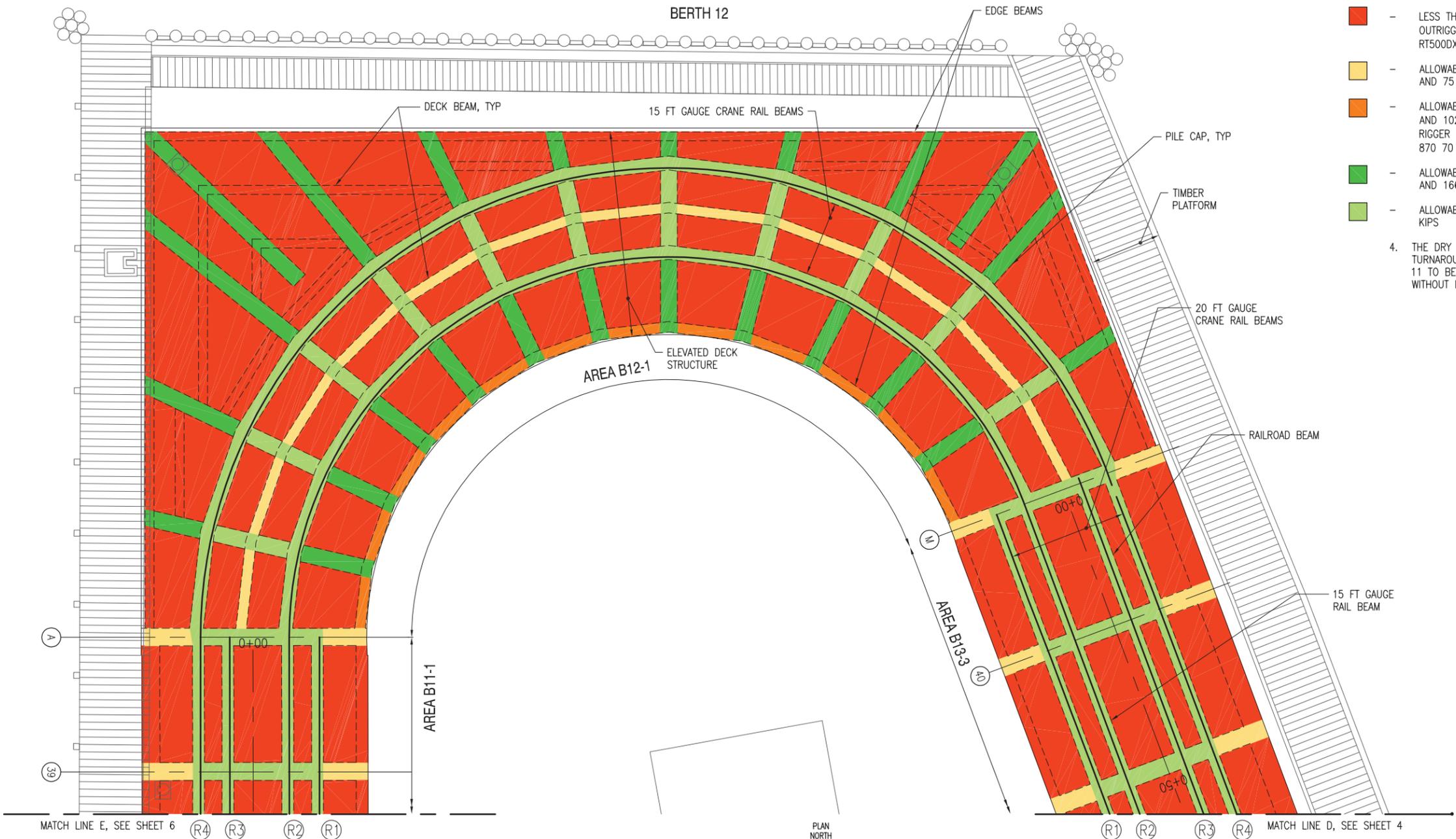
BERTH 11 MOBILE CRANE DECK LOADING CAPACITY

PORTSMOUTH NAVAL SHIPYARD
PORTAL CRANE STUDY – PHASE 1
BERTH 11 DECK LOADING CAPACITY – MOBILE CRANE

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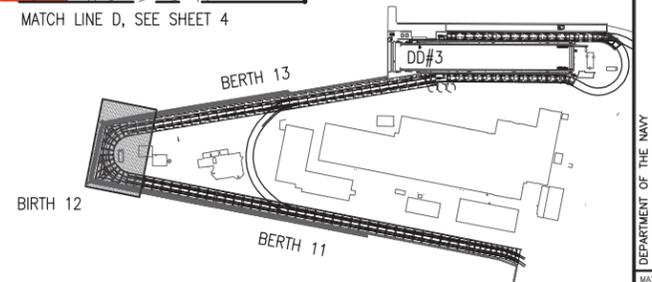


PART PLAN - AREAS B13-3, B12-1, B11-1
SCALE: 1" = 10'

LEGEND

1. RAIL NUMBER SHOWN THUS (R4)
2. BENT NUMBER SHOWN THUS (115)
3. ALLOWABLE OUTRIGGER LOADS
 - LESS THAN 48 KIPS (48 KIPS IS THE MAX. OUTRIGGER LOAD FOR THE SHIPYARD'S GROVE RT500DXL 30 TON CRANE)
 - ALLOWABLE OUTRIGGER LOAD BETWEEN 48 KIPS AND 75 KIP
 - ALLOWABLE OUTRIGGER LOAD BETWEEN 75 KIPS AND 102 KIPS (102 KIPS IS THE MAX. OUTRIGGER LOAD FOR THE SHIPYARD'S GROVE RT 870 70 TON CRANE)
 - ALLOWABLE OUTRIGGER LOAD BETWEEN 102 KIPS AND 166 KIPS
 - ALLOWABLE OUTRIGGER LOAD GREATER THAN 166 KIPS
4. THE DRY DOCK NO. 3 TURNOUT AND TURNAROUND, AND THE CROSSOVER FROM BERTH 11 TO BERTH 13 ARE AT GRADE STRUCTURES WITHOUT DECKS AND WERE NOT EVALUATED.

	DATE
	DESCRIPTION
	SYN
ENGINEERS FST <small>Since 1916</small> 5 BURLINGTON WOODS BURLINGTON, MA 01803 <small>A/E INFO</small>	
APPROVED	
FOR COMMANDER NAVAC	
ACTIVITY	
SATISFACTORY TO	DATE MM/DD/YY
DES	CHK
PA/DM	XXX/XXX
BRANCH MANAGER	
CHIEF ENG/ARCH	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC PUBLIC WORKS DEPARTMENT - MAINE PORTSMOUTH NAVAL SHIPYARD KITTERY, MAINE	
PORTAL CRANE STUDY - PHASE 1 DECK LOADING CAPACITY - MOBILE CRANE	
PART PLAN 5 OF 8 - AREAS B13-3, B12-1, B11-1	
MAXIMO No.:	
EPROJCT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF
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DRAWFORM REVISION: 10 MARCH 2009	

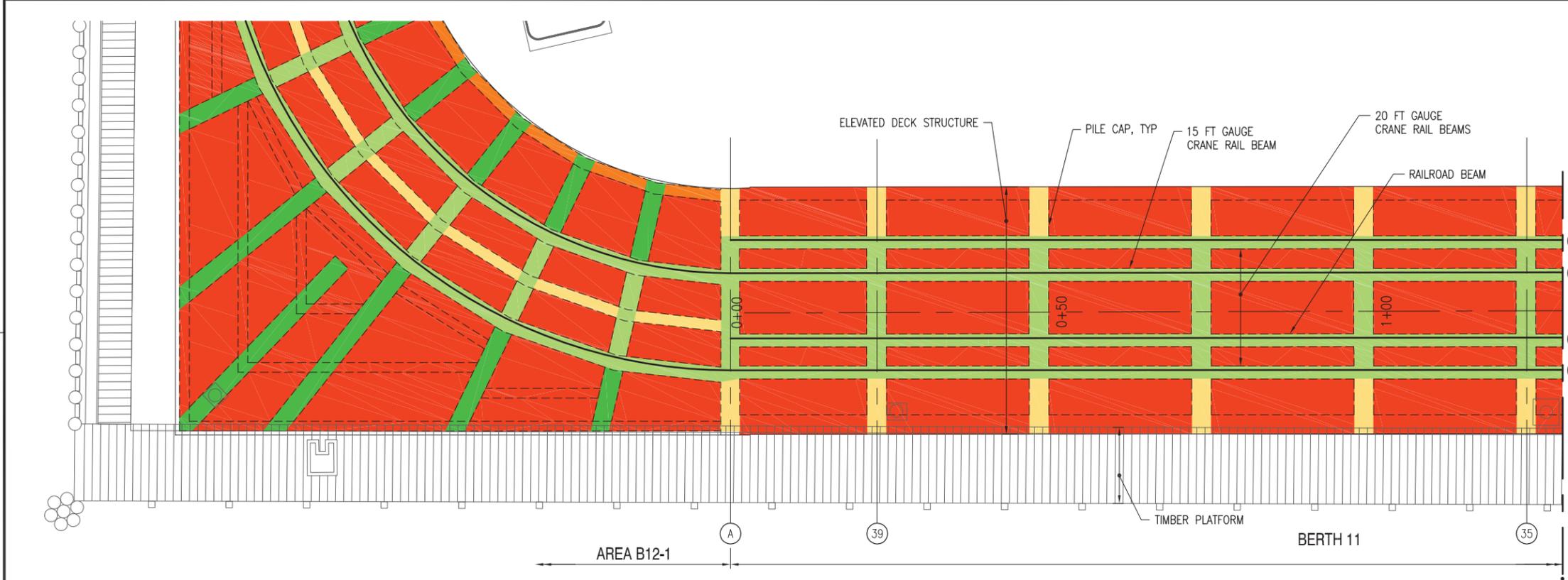


GRAPHIC SCALE

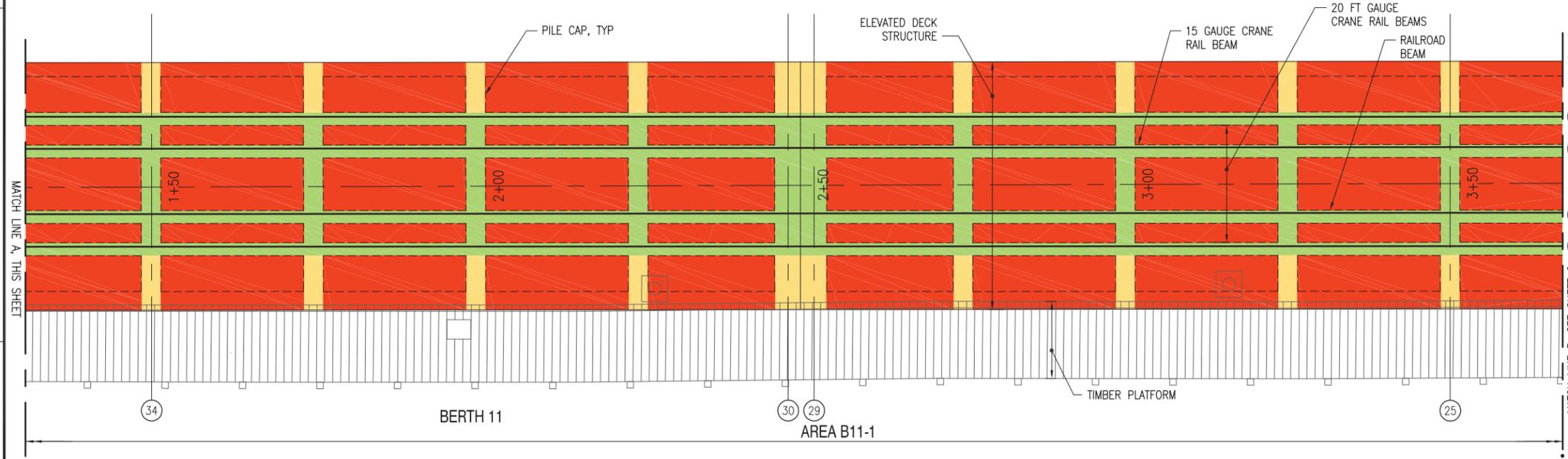
1"=10' 0 10 20 FT.

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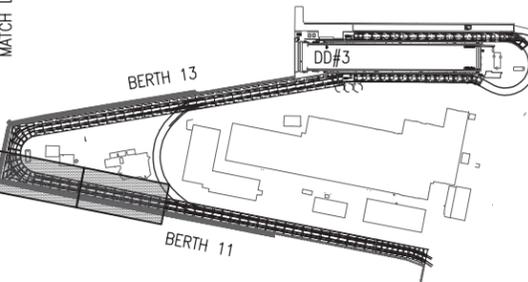


PART PLAN - AREA B11-1 & B12-1
SCALE: 1" = 10'



PART PLAN - AREA B11-1
SCALE: 1" = 10'

- LEGEND**
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 - ALLOWABLE OUTRIGGER LOAD BETWEEN 102 KIPS AND 166 KIPS
 - ALLOWABLE OUTRIGGER LOAD GREATER THAN 166 KIPS
 - THE DRY DOCK NO. 3 TURNOUT AND TURNAROUND, AND THE Crossover FROM BERTH 11 TO BERTH 13 ARE AT GRADE STRUCTURES WITHOUT DECKS AND WERE NOT EVALUATED.

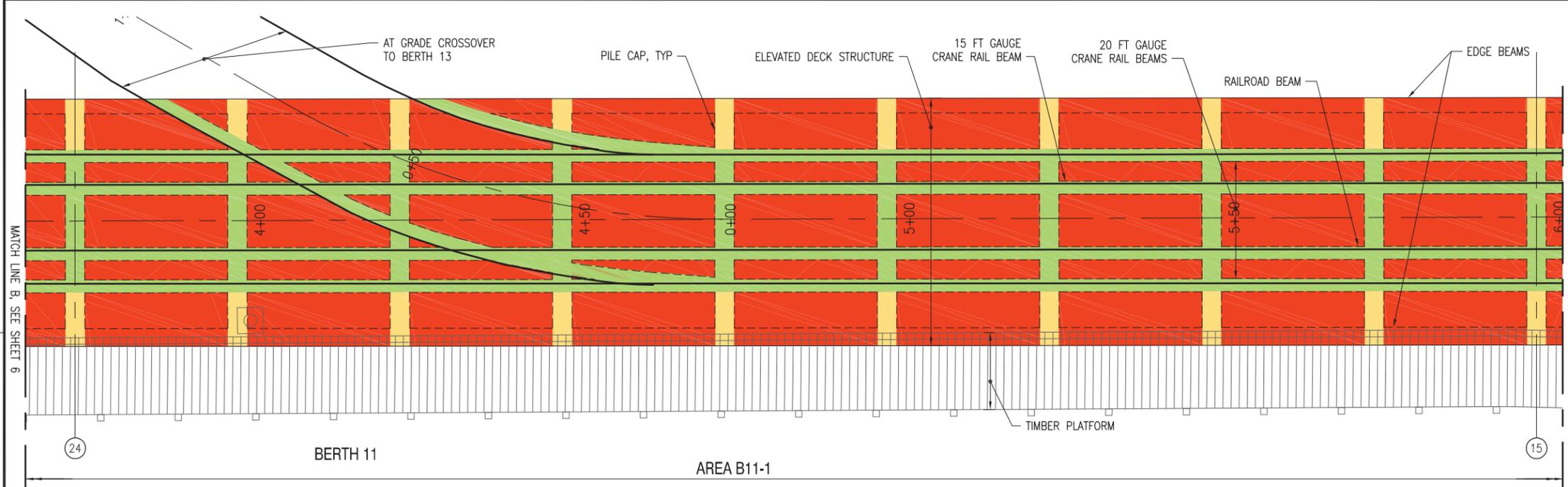


GRAPHIC SCALE

1"=10' 0 10 20 FT.

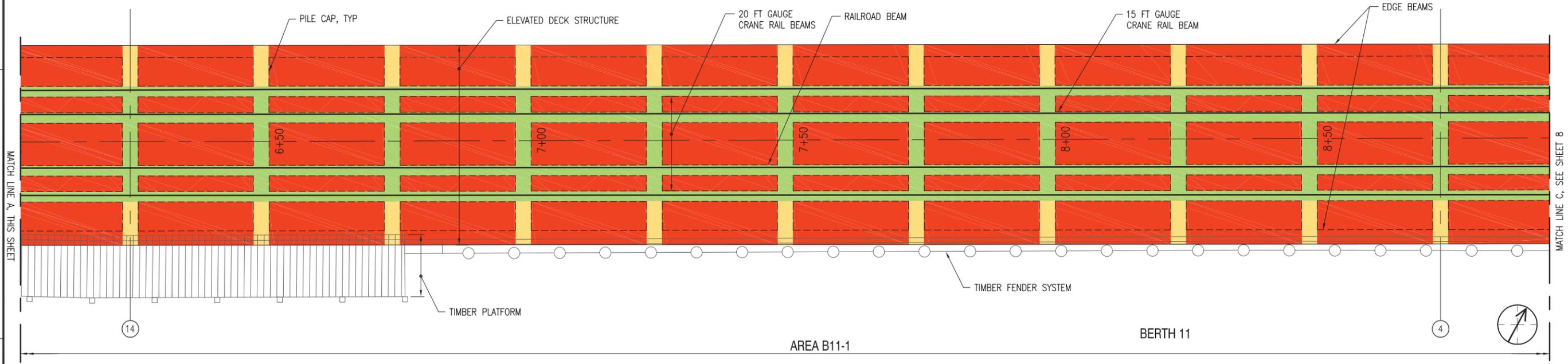
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FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO	DATE	MM/DD/YY
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PA/DW		XXX/XXX
BRANCH MANAGER		
CHIEF ENG/ARCH		
FIRE PROTECTION		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC PUBLIC WORKS DEPARTMENT - MAINE PORTSMOUTH NAVAL SHIPYARD PORTSMOUTH NAVAL SHIPYARD - KITTERY, MAINE		
PORTAL CRANE STUDY - PHASE 1 DECK LOADING CAPACITY - MOBILE CRANE PART PLAN 6 OF 8 - AREAS B12-1 & B11-1		
MAXIMO No.:		
EPROJCT NO.:		
CONSTR. CONTR. NO.		
NAVFAC DRAWING NO.		
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DRAWFORM REVISION: 10 MARCH 2009		

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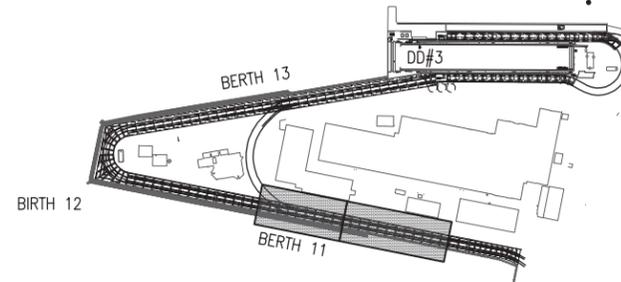


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PART PLAN - AREA B11-1
SCALE: 1" = 10'

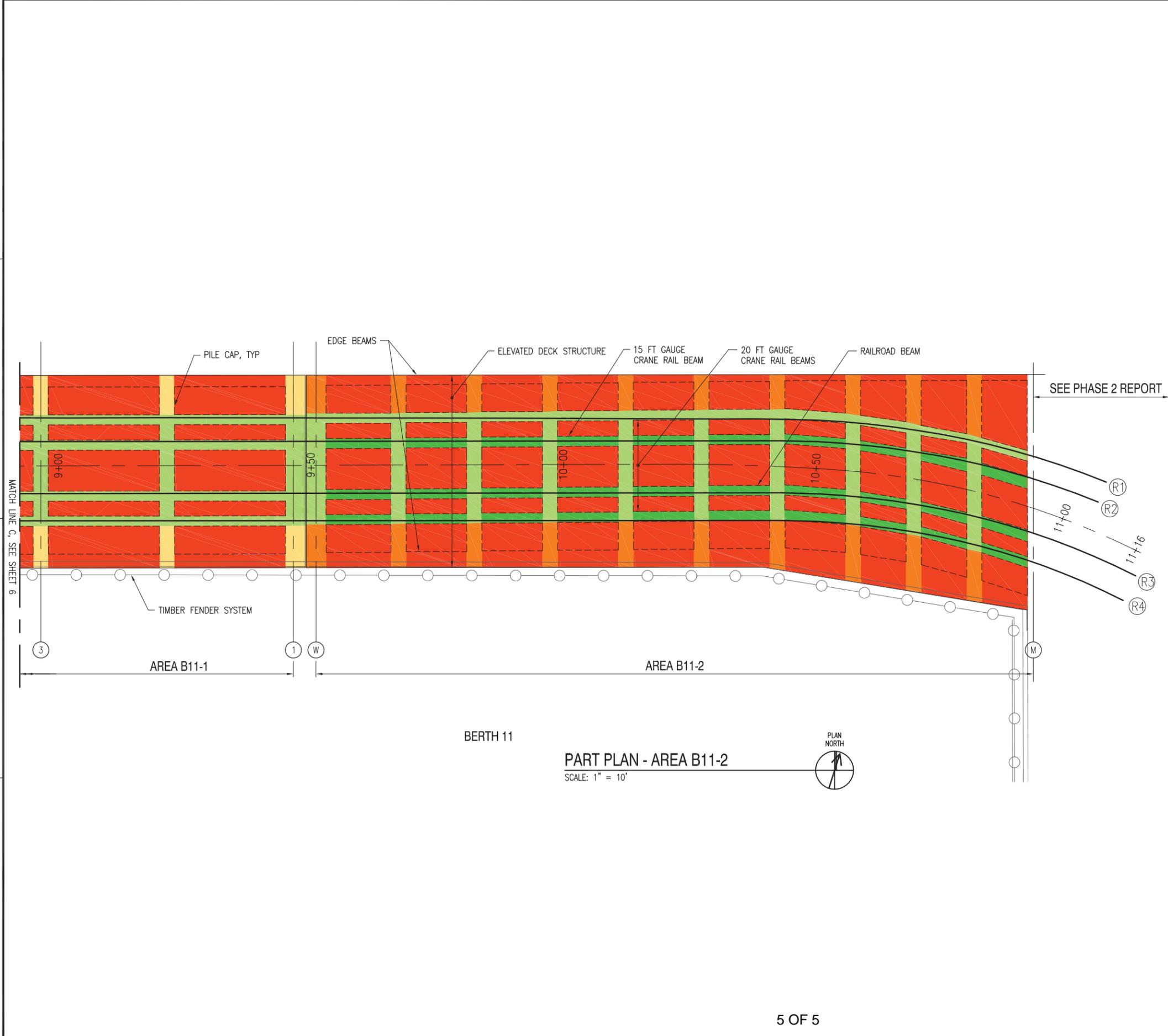


PART PLAN - AREA B11-1
SCALE: 1" = 10'



APPROVED	DATE	APP'R
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ACTIVITY		
SATISFACTORY TO DATE	MM/DD/YY	
DES	CHK	
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BRANCH MANAGER		
CHIEF ENG/ARCH		
FIRE PROTECTION		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC PUBLIC WORKS DEPARTMENT - MAINE PORTSMOUTH NAVAL SHIPYARD PORTSMOUTH NAVAL SHIPYARD - KITTERY, MAINE PORTAL CRANE STUDY - PHASE 1 DECK LOADING CAPACITY - MOBILE CRANE PART PLAN 7 OF 8 - AREA B11-1		
MAXIMO No.:		
EPROJECT NO.:		
CONSTR. CONTR. NO.		
NAVFAC DRAWING NO.		
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S-107		
DRAWFORM REVISION: 10 MARCH 2009		

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LEGEND

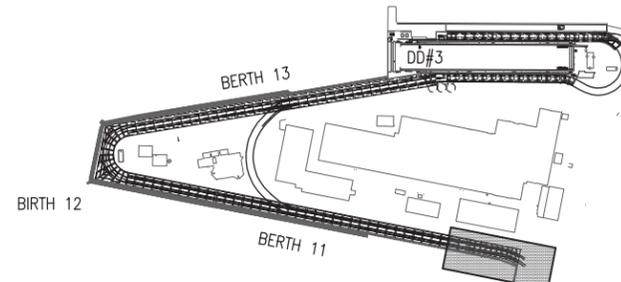
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SEE PHASE 2 REPORT

BERTH 11

PART PLAN - AREA B11-2

SCALE: 1" = 10'



GRAPHIC SCALE

1"=10' 0 10 20 FT.

	DATE
	APPR
	DESCRIPTION
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ENGINEERS FST <small>Since 1916</small> 5 BURLINGTON WOODS BURLINGTON, MA 01803 <small>A/E INF3</small>	
APPROVED	
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ACTIVITY	
SATISFACTORY TO	DATE MM/DD/YY
DES	CHK
PA/DM	XXX/XXX
BRANCH MANAGER	
CHIEF ENG/ARCH	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC PUBLIC WORKS DEPARTMENT - MAINE PORTSMOUTH NAVAL SHIPYARD PORTSMOUTH NAVAL SHIPYARD - KITTERY, MAINE	DD#3 PORTAL CRANE STUDY - PHASE 1 DECK LOADING CAPACITY - MOBILE CRANE PART PLAN 8 OF 8 - AREAS B11-1, B11-2
MAXIMO No.:	
EPROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF
S-108	
<small>DRAWFORM REVISION: 10 MARCH 2009</small>	