

444-A-5

2003-0235

40 Commercial St.

Ocean Gateway Terminal
City of Portland



Scanned

on Spreadsheet

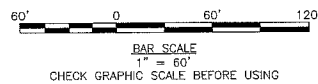
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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 017832.00
PIN
017832.00

PROJ. MANAGER	PAUL POTTE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
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DESIGN2-DETAILED01						
DESIGN3-DETAILED03						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

CITY OF PORTLAND
OCEAN GATEWAY PIER 2 BERTH 2
PIER 2 BERTH 2
SUBMERGED LANDS PLAN



Rev.	Date	Revision
-	-	-
-	-	-

Design: JUB	Date: DEC 2003
Draft: LAN	Job No: 426.1
Checked: MJM	Scale: 1"=2700'
File Name: 426.1_Traf.dwg	



Gorill-Palmer Consulting Engineers, Inc.
 Traffic and Civil Engineering Services

PO Box 1237
 26 Main Street
 Gray, ME 04039
 207-657-6910
 FAX: 207-657-6912
 E-Mail: gpc@midnet.com

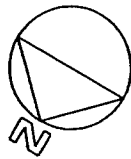
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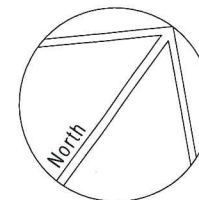
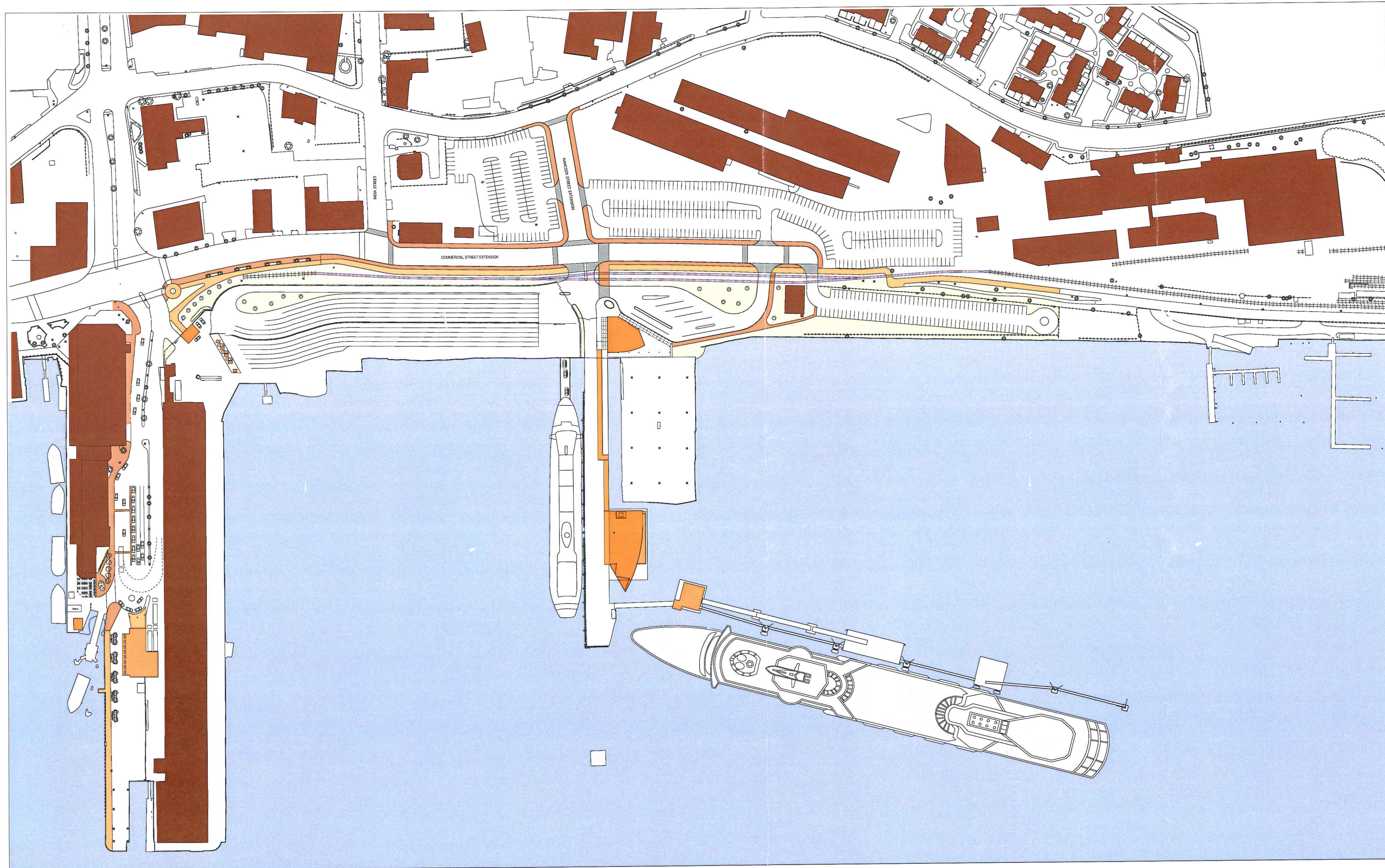
Project:

Balanced Volumes

Ocean Gateway Traffic Study

Portland, Maine





OCEAN GATEWAY

WOODARD & CURRAN
Engineering Science Operations

BEA Inc.
Principal Architects

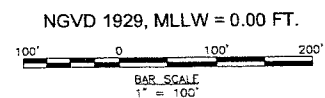
GORRILL - PALMER
Traffic Consultants

HALEY & ALDRICH
Geotechnical Engineers

PERATROVICH
NOTTINGHAM & DRAGE
Marine Engineering

WINTON SCOTT ARCHITECTS
Associate Architects

Planning Board
Workshop
January 27, 2004



C201

BEA



WOODWARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive • Portland, Maine 04102

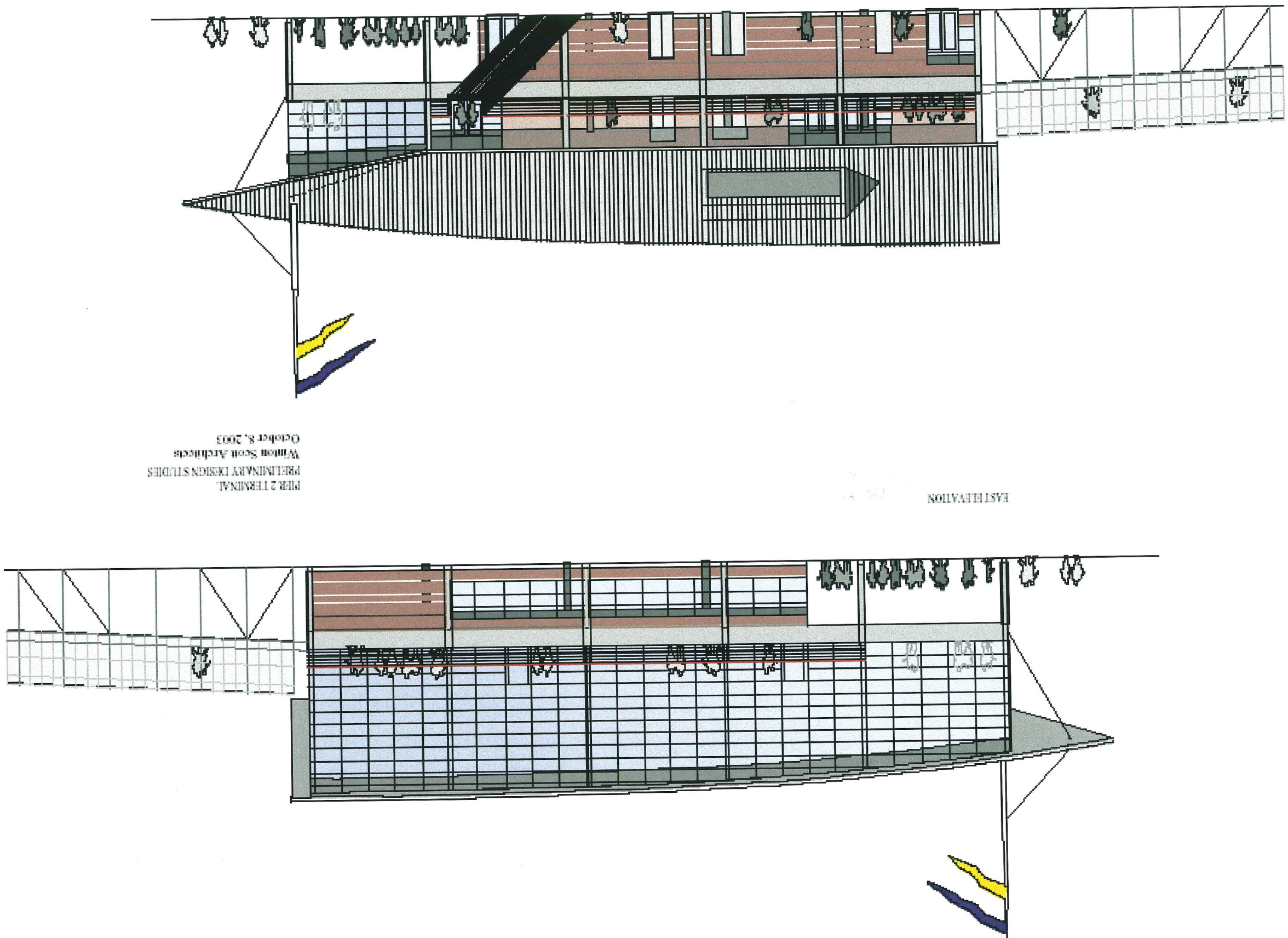
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00

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DESIGN3-DETAILED3				
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CITY OF PORTLAND
OCEAN GATEWAY PHASE 1

PROPOSED SITE PLAN

C201



PIER 2 TERMINAL
PRELIMINARY DESIGN STUDIES
Winton Scott Architects
October 8, 2003

WEST ELEVATION

EAST ELEVATION

PRELIMINARY

N.T.S.

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1

TERMINAL BUILDING
EXTERIOR ELEVATIONS

PROJ. MANAGER PAUL POTTLE	BY	DATE
DESIGN-DETAILED	MS	10.08.03
CHECKED-REVIEWED		
DESIGN-DETAILED2		
DESIGN-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

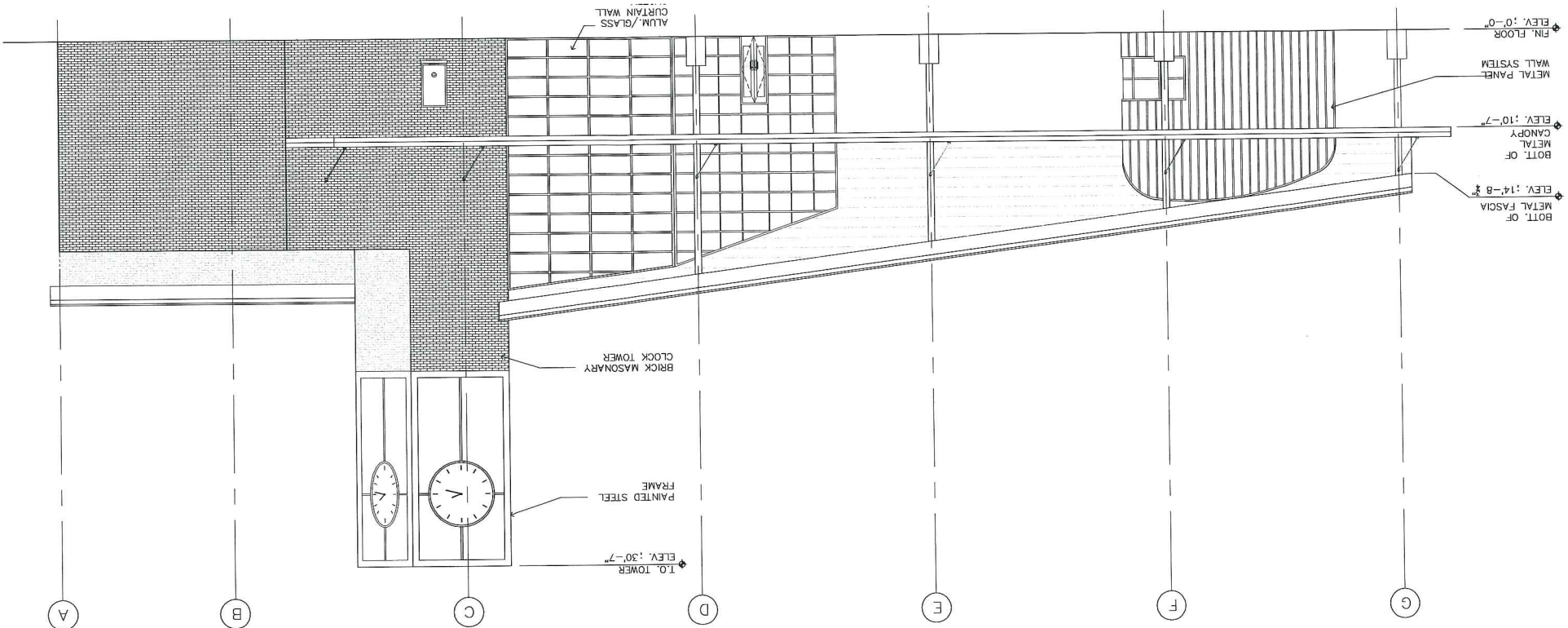
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER 009215.00

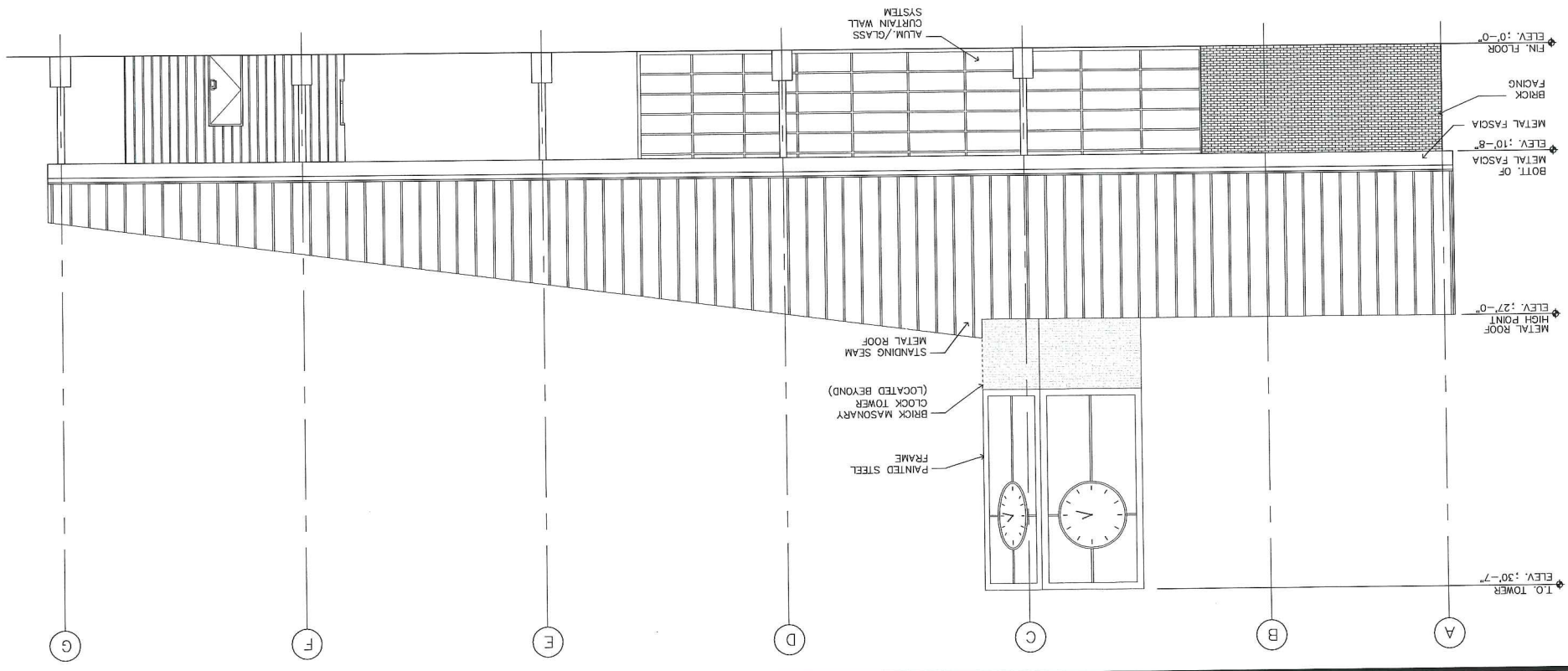
PIN
009215.00

WOODARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive • Portland, Maine 04102

BEA
IN ASSOCIATION WITH:
GORRILL-PALMER CONSULTING ENGINEERS
PERKINS+WORTH, NOTTINGHAM & DRAGE
HARTMAN-CONRATH ASSOCIATES
HALEY & ALDRICH



NORTH ELEVATION
SCALE: 1/8"=1'-0"



SOUTH ELEVATION
SCALE: 1/8"=1'-0"

PRELIMINARY

A300-R

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
RECEIVING STATION
EXTERIOR ELEVATIONS

PROJ. MANAGER	PAUL POTTLE	BY	DATE
DESIGN-DETAILED	L.L.	A.R.S.	10.01.03
CHECKED-REVIEWED	L.L.	A.C.	10.01.03
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

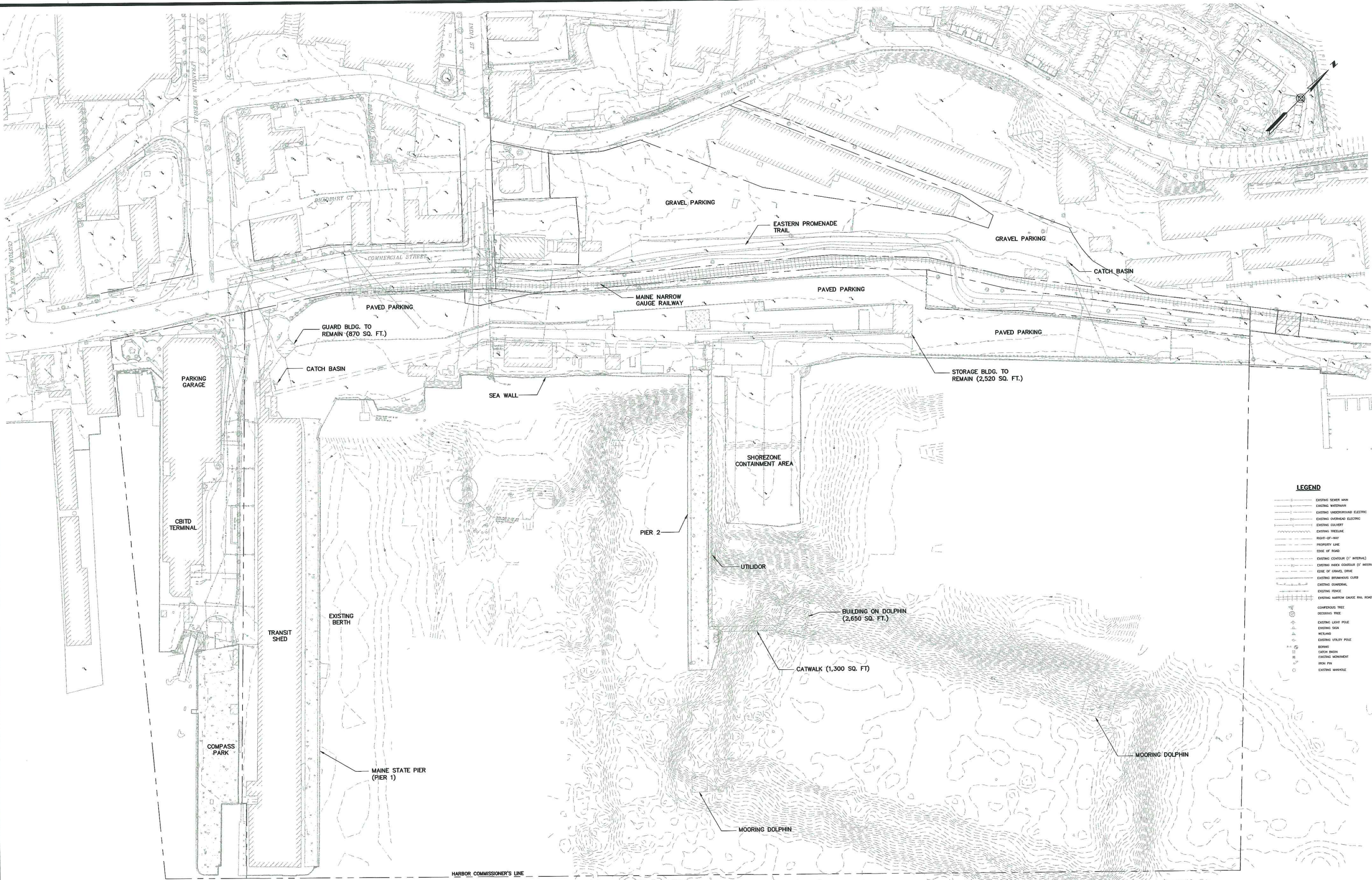
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER 009215.00

PIN
009215.00

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Engineering • Science • Operations
41 Hutchinson Drive • Portland, Maine 04102

BEA
IN ASSOCIATION WITH:
GORRILL-PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM, & DRAGE
WHEAT & ALDRICH

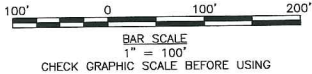


LEGEND

- EXISTING SEWER MAIN
- EXISTING WATERMAIN
- EXISTING UNDERGROUND ELECTRIC
- EXISTING OVERHEAD ELECTRIC
- EXISTING CONDUIT
- EXISTING TIE LINE
- RIGHT-OF-WAY
- PROPERTY LINE
- EDGE OF ROAD
- EXISTING CONTOUR (1' INTERVAL)
- EXISTING INDEX CONTOUR (5' INTERVAL)
- EDGE OF GRAVEL DRIVE
- EXISTING BRICKWORK CURB
- EXISTING CONCRETE
- EXISTING FENCE
- EXISTING NARROW GAUGE RAIL ROAD
- CONIFEROUS TREE
- DECIDUOUS TREE
- EXISTING LIGHT POLE
- EXISTING SIGN
- WETLAND
- EXISTING UTILITY POLE
- ROWING
- CRICKET BOWL
- EXISTING MONUMENT
- IRON PIN
- EXISTING MANHOLE

PRELIMINARY

NGVD 1929, MLLW = 0.00 FT.



IN ASSOCIATION WITH:
GORRILL-PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM, & DRAGE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH



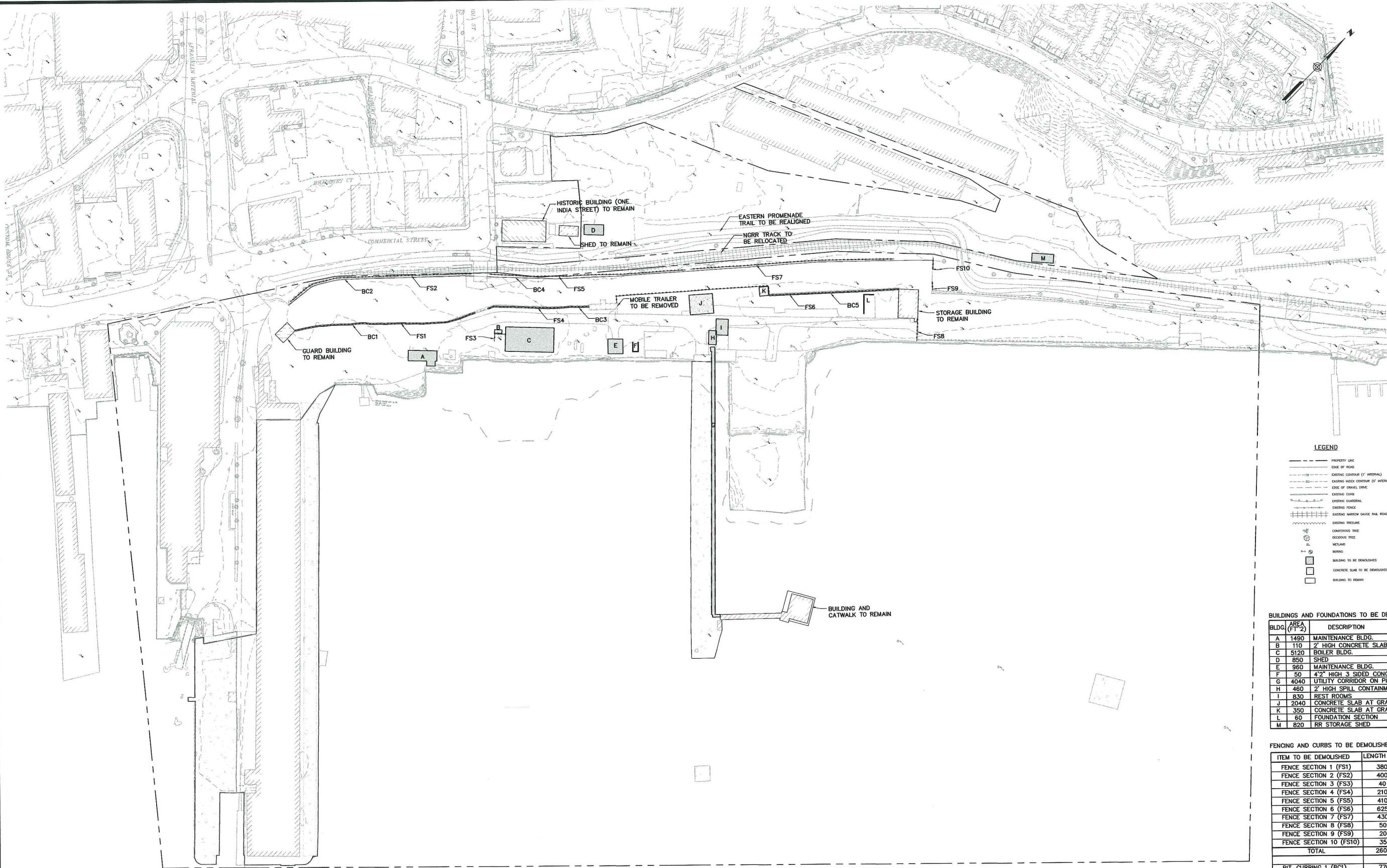
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Engineering • Science • Operations
41 Hutchins Drive • Portland, Maine 04102

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN 009215.00

PROJ. MANAGER	PAUL FOTTLE	BY	DATE
DESIGN-DETAILED	DAS	ABC	
CHECKED-REVIEWED	DAS	BBS	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
EXISTING SITE PLAN

C101
- OF -



- LEGEND**
- PROPERTY LINE
 - EDGE OF ROAD
 - EXISTING CONTOUR (1' INTERVAL)
 - EXISTING INDEX CONTOUR (5' INTERVAL)
 - EDGE OF GRAVEL DRIVE
 - EXISTING CURB
 - EXISTING FOUNDATION
 - EXISTING FENCE
 - EXISTING NARROW GAUGE RAIL ROAD
 - EXISTING FENCELINE
 - EXISTING TREE
 - EXISTING TREE
 - WETLAND
 - BORING
 - BUILDING TO BE DEMOLISHED
 - CONCRETE SLAB TO BE DEMOLISHED
 - BUILDING TO REMAIN

BUILDINGS AND FOUNDATIONS TO BE DEMOLISHED	
BLDG AREA (F ²)	DESCRIPTION
A 1490	MAINTENANCE BLDG.
B 110	2' HIGH CONCRETE SLAB
C 5120	BOILER BLDG.
D 850	SHED
E 960	MAINTENANCE BLDG.
F 50	4'2" HIGH 3 SIDED CONC.
G 4940	UTILITY CORRIDOR ON PIER
H 460	2' HIGH SPILL CONTAINMENT
I 830	REST ROOMS
J 2040	CONCRETE SLAB AT GRADE
K 350	CONCRETE SLAB AT GRADE
L 60	FOUNDATION SECTION
M 820	RR STORAGE SHED

FENCING AND CURBS TO BE DEMOLISHED	
ITEM TO BE DEMOLISHED	LENGTH (FT)
FENCE SECTION 1 (FS1)	380
FENCE SECTION 2 (FS2)	400
FENCE SECTION 3 (FS3)	40
FENCE SECTION 4 (FS4)	210
FENCE SECTION 5 (FS5)	410
FENCE SECTION 6 (FS6)	625
FENCE SECTION 7 (FS7)	430
FENCE SECTION 8 (FS8)	50
FENCE SECTION 9 (FS9)	20
FENCE SECTION 10 (FS10)	35
TOTAL	2600
BIT. CURBING 1 (BC1)	770
BIT. CURBING 2 (BC2)	400
BIT. CURBING 3 (BC3)	640
BIT. CURBING 4 (BC4)	930
BIT. CURBING 5 (BC5)	550
TOTAL	3290

NGVD 1929, MLLW = 0.00 FT.

100' 0 100' 200'

BAR SCALE
1" = 100'

CHECK GRAPHIC SCALE BEFORE USING

PRELIMINARY

IN ASSOCIATION WITH:
GORRILL-PALMER CONSULTING ENGINEERS
PERATOVICH, NOTTINGHAM & DRAGE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH

BEA
INTERNATIONAL

WOODARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive • Portland, Maine 04102

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
CITY OF PORTLAND		PROJECT NUMBER 009215.00	
OCEAN GATEWAY PHASE 1		PIN 009215.00	
SITE DEMOLITION PLAN		- OF -	
PROJ. MANAGER	PAUL RUTLE	BY	DATE
DESIGN-DETAILED	DAS	JBC	
CHECKED-REVIEWED	DAS	BSS	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



NGVD 1929, MLLW = 0.00 FT.



0 100' 200'

BAR SCALE
1" = 100'

CHECK GRAPHIC SCALE BEFORE USING

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
PROPOSED SITE PLAN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN
009215.00

OCEAN GATEWAY

WOODARD & CURRAN
Engineering Science Operations

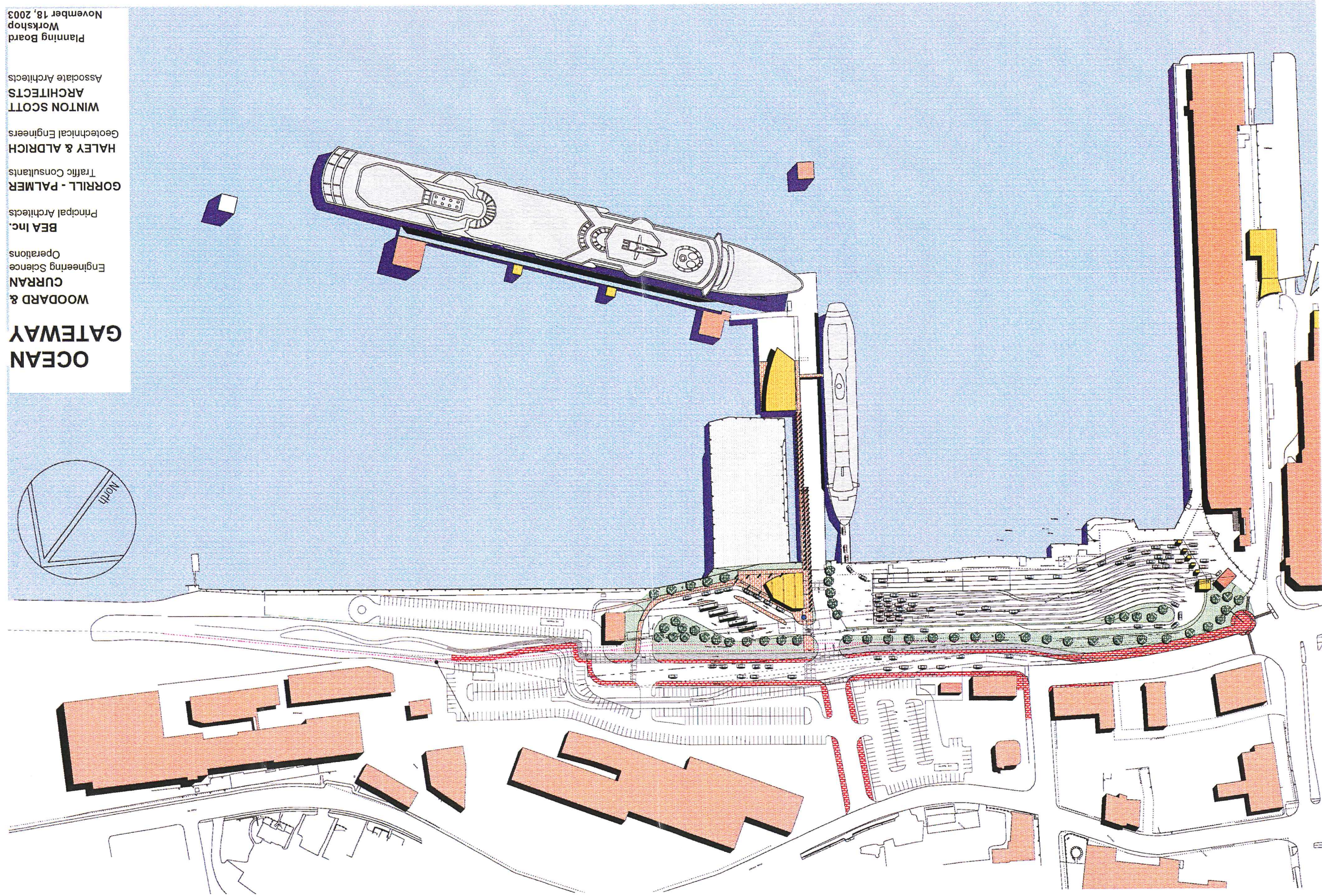
BEA Inc.
Principal Architects

GORRILL - PALMER
Traffic Consultants

HALEY & ALDRICH
Geotechnical Engineers

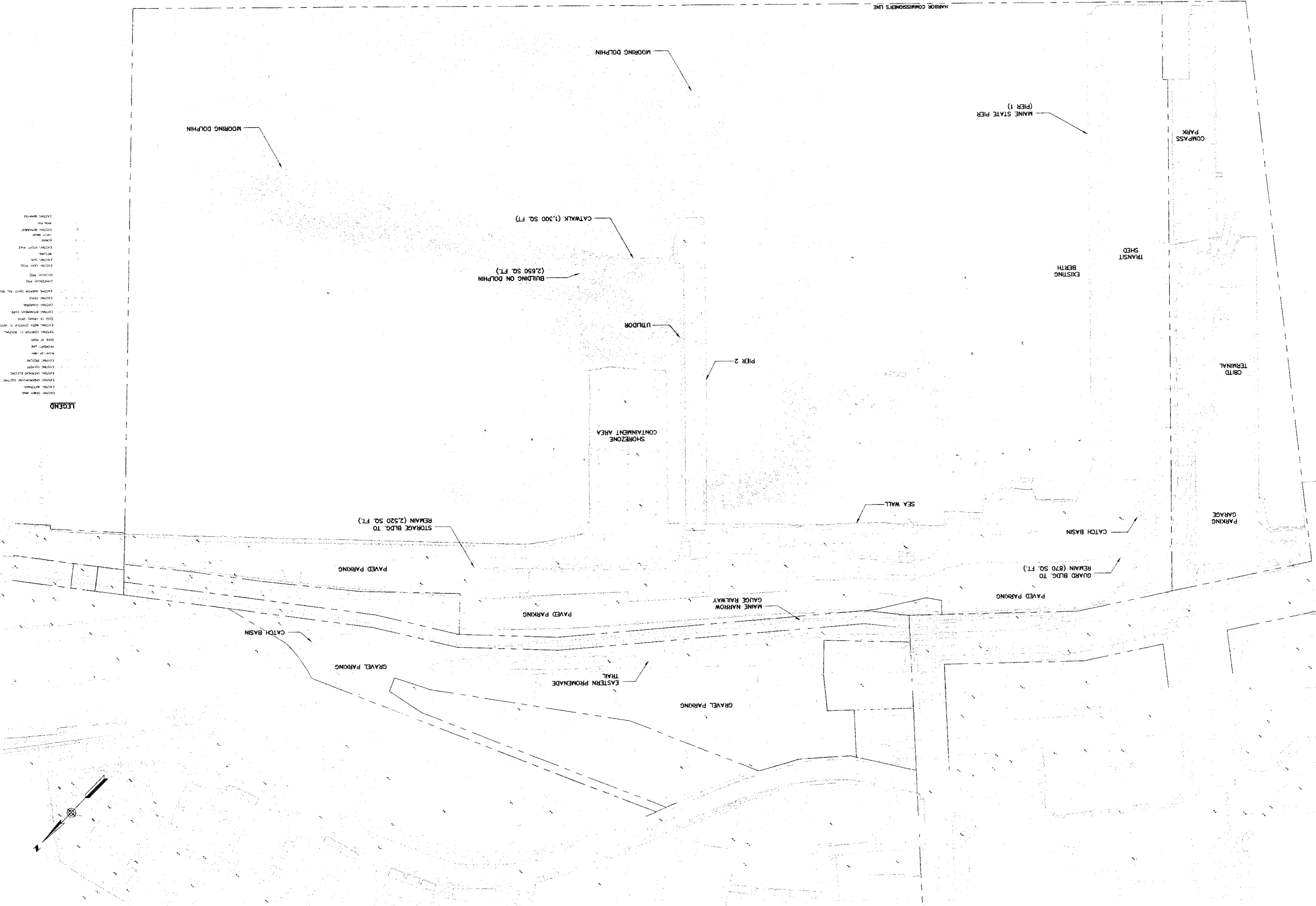
WINTON SCOTT ARCHITECTS
Associate Architects

Planning Board Workshop
November 18, 2003



51st trees

Keele/Man



- LEGEND
- EXISTING DOLPHIN
 - EXISTING MOORING
 - EXISTING BUILDING
 - EXISTING SHED
 - EXISTING BERTH
 - EXISTING PIER
 - EXISTING SEA WALL
 - EXISTING PARKING
 - EXISTING TRAIL
 - EXISTING PROMENADE
 - EXISTING CONTAINMENT AREA
 - EXISTING UTLIDOR
 - EXISTING CATWALK
 - EXISTING STORAGE BLDG.
 - EXISTING CATCH BASIN
 - EXISTING GUARD BLDG.
 - EXISTING RAILWAY
 - EXISTING TRAIL
 - EXISTING PROMENADE
 - EXISTING CONTAINMENT AREA
 - EXISTING UTLIDOR
 - EXISTING CATWALK
 - EXISTING STORAGE BLDG.
 - EXISTING CATCH BASIN
 - EXISTING GUARD BLDG.
 - EXISTING RAILWAY

NGVD 1929, MLLW = 0.00 FT.
1" = 100'
0 100' 200'
CHECK GRAPHIC SCALE BEFORE USING

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
EXISTING SITE PLAN

PROJ. MANAGER	PAUL POTTE	BY	DATE
DESIGN-DETAILED	DAS	JBC	
CHECKED-REVIEWED	DAS	BSS	
DESIGN-DETAILED2			
DESIGN-DETAILED3			
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REVISIONS 2			
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FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

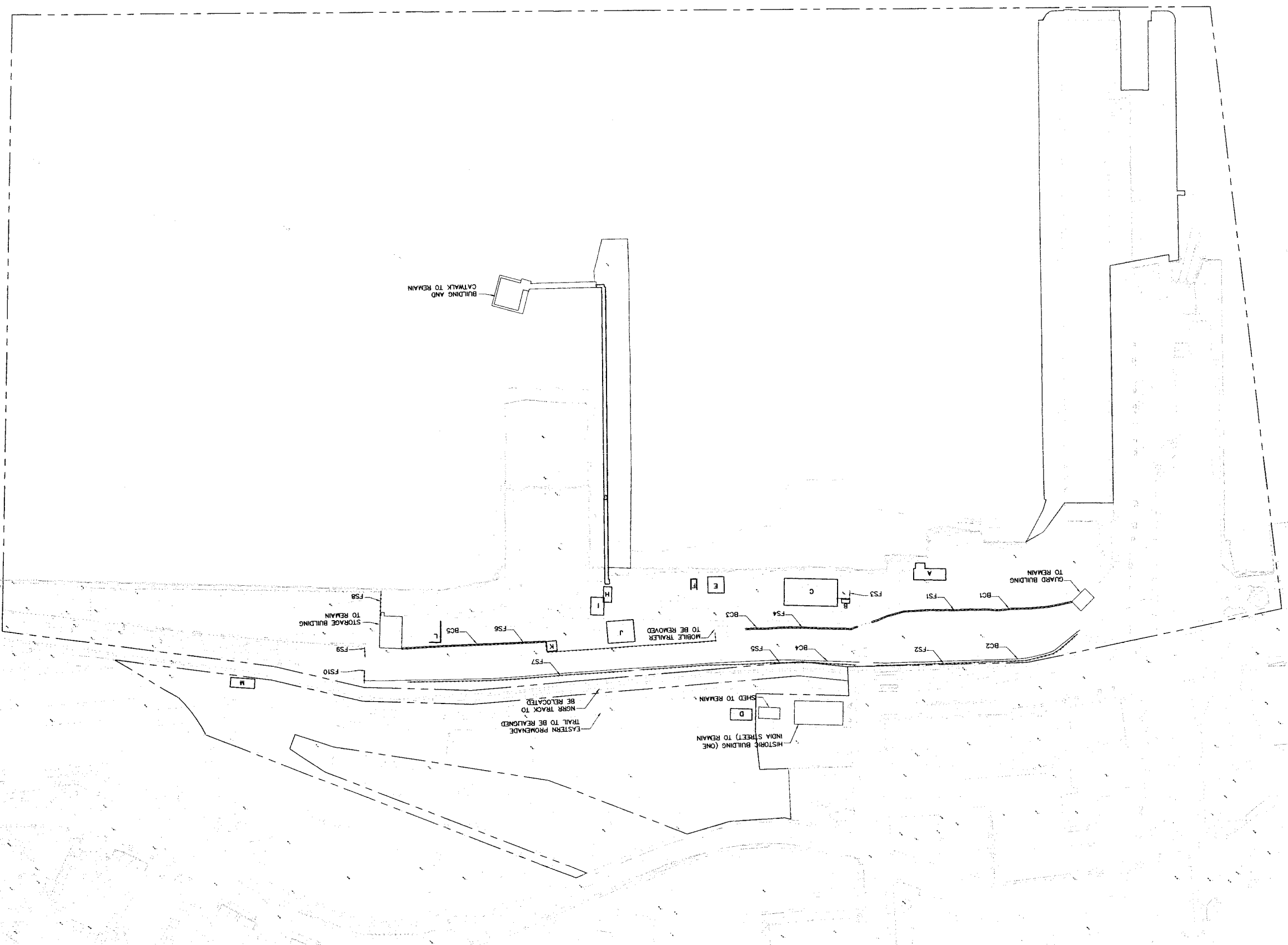
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER 009215.00

PIN
009215.00

WOODARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive • Portland, Maine 04102

BEA
IN ASSOCIATION WITH:
GORRILL, PALMER CONSULTING ENGINEERS
PEARSON, PALMER CONSULTING ENGINEERS
MALEY & ALDRICH



AREA	DESCRIPTION	QTY	UNIT	AMOUNT
B	110' 2" HIGH CONCRETE SLAB	1	EA	1489
B	2" HIGH CONCRETE SLAB	1	EA	850
C	SHED	1	EA	850
F	4" HIGH 1/2" CONC.	960	LB	960
G	4040' UPLIFT ORPTION ON FLEET	1	EA	4040
H	2" HIGH SLT CONTINMENT	1	EA	320
J	CONCRETE SLAB AT GRADE	1	EA	350
K	FOUNDATION SECTION	1	EA	80
L	RAIL SECTION SHED	1	EA	820

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NGVD 1929, MLLW = 0.00 FT.



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41 Hutchins Drive • Portland, Maine 04102

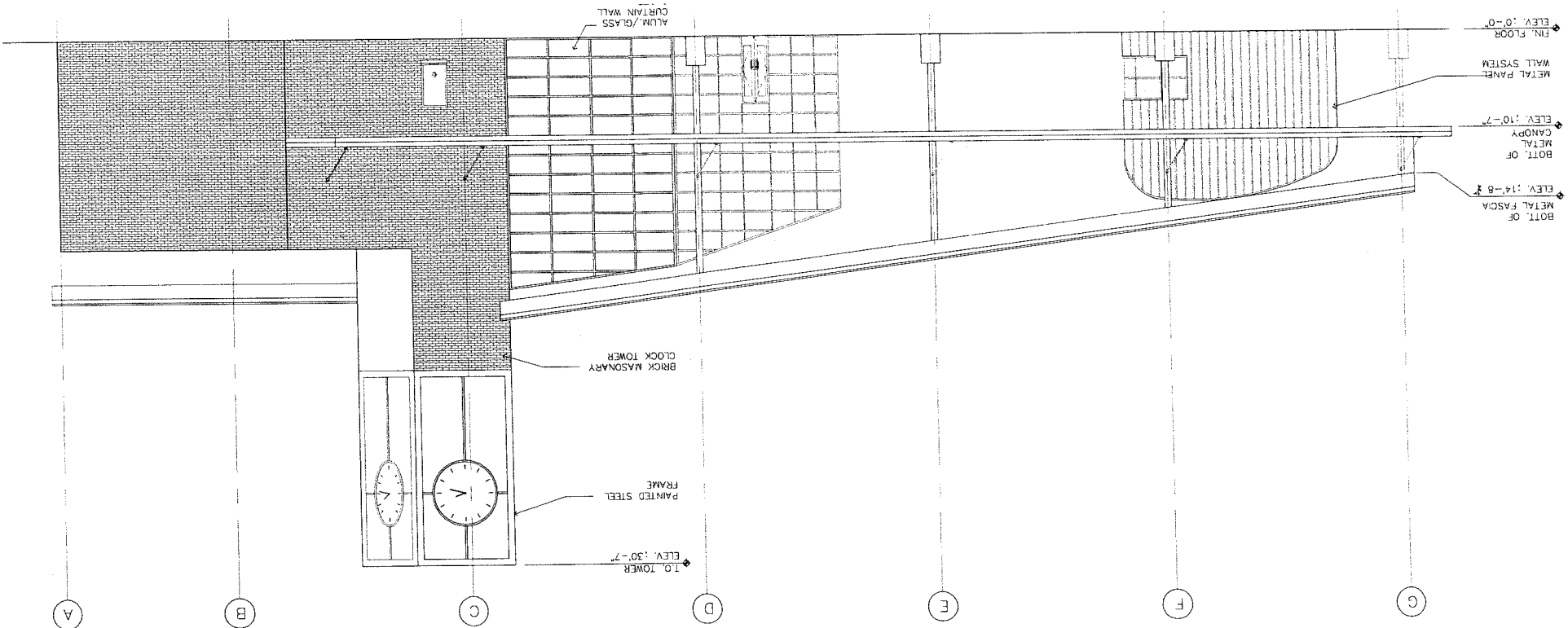
BEA
INTERNATIONAL

IN ASSOCIATION WITH:
GORILL-PALMER CONSULTING ENGINEERS
PEATROVICH, NOTTINGHAM & DRAGE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH

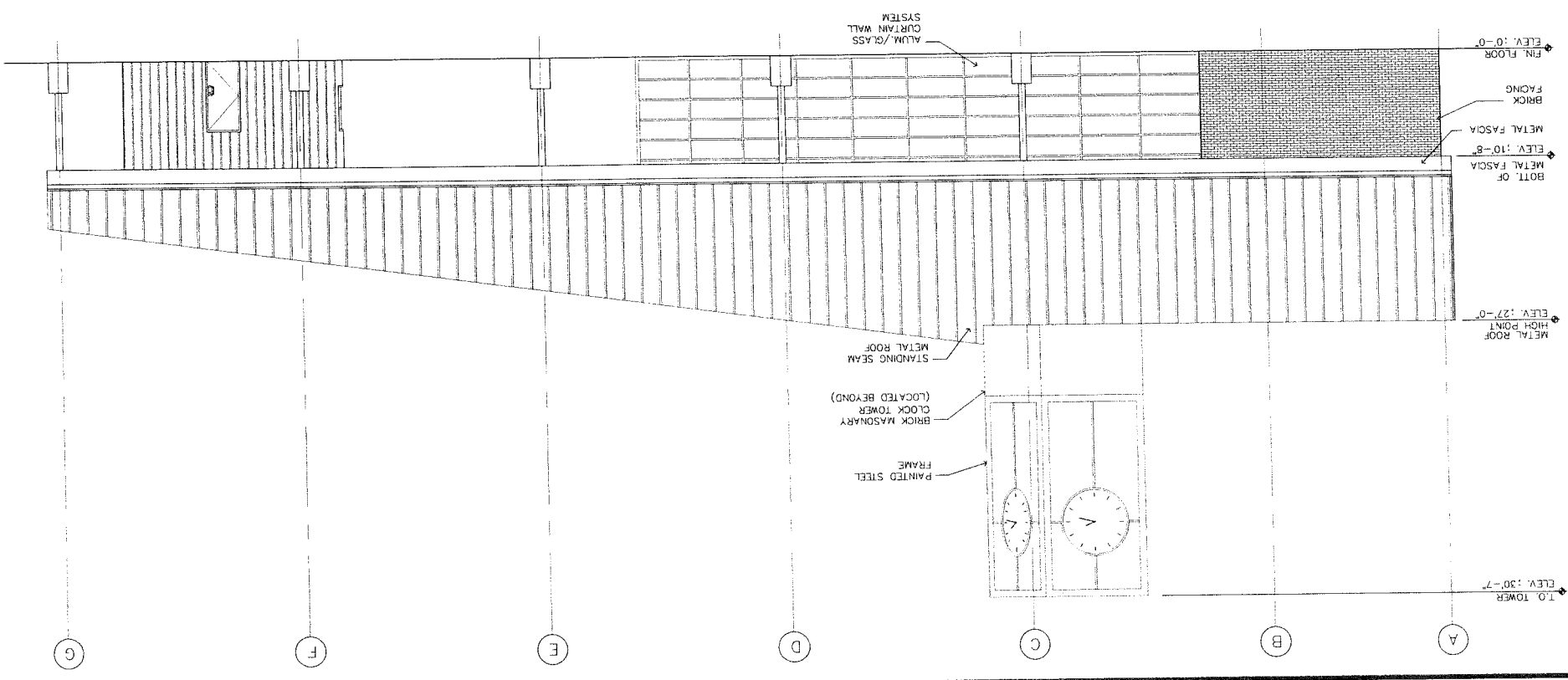
CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
SITE DEMOLITION PLAN

C200
- OF
—

	STATE OF MAINE
	DEPARTMENT OF TRANSPORTATION
SIGNATURE	PROJECT NUMBER 009215.00
P.E. NUMBER	PIN
DATE	009215.00



NORTH ELEVATION



SOUTH ELEVATION
SCALE: 1/8"=1'-0"

PROJ. MANAGER	PAUL POTTLE	BY	DATE
DESIGN-DETAILED		A.R.S.	10.01.03
CHECKED-REVIEWED	L.L.	J.G.	10.01.03
DESIGN-3-DETAILED02			
DESIGN-3-DETAILED03			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN
009215.00



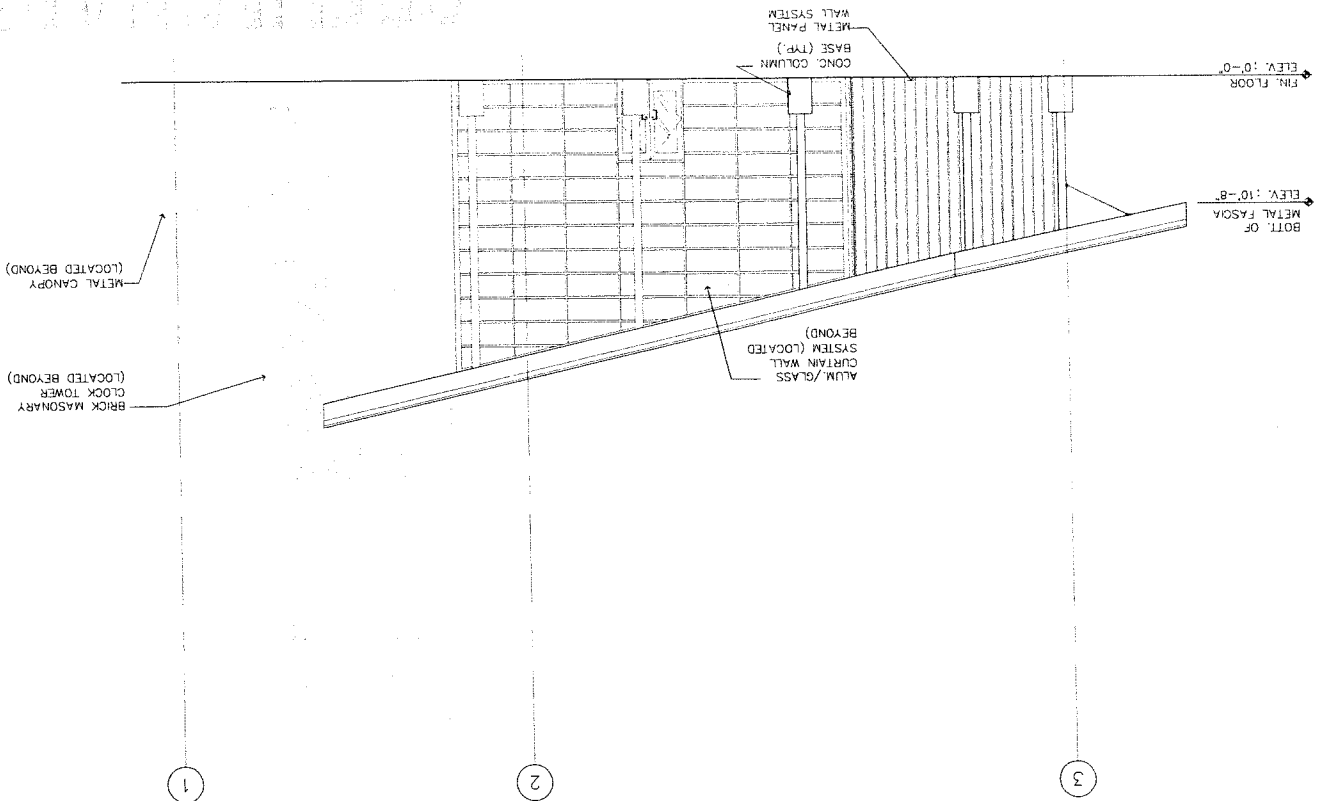
WOODARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive - Portland, Maine 04102

BEA
INTERNATIONAL

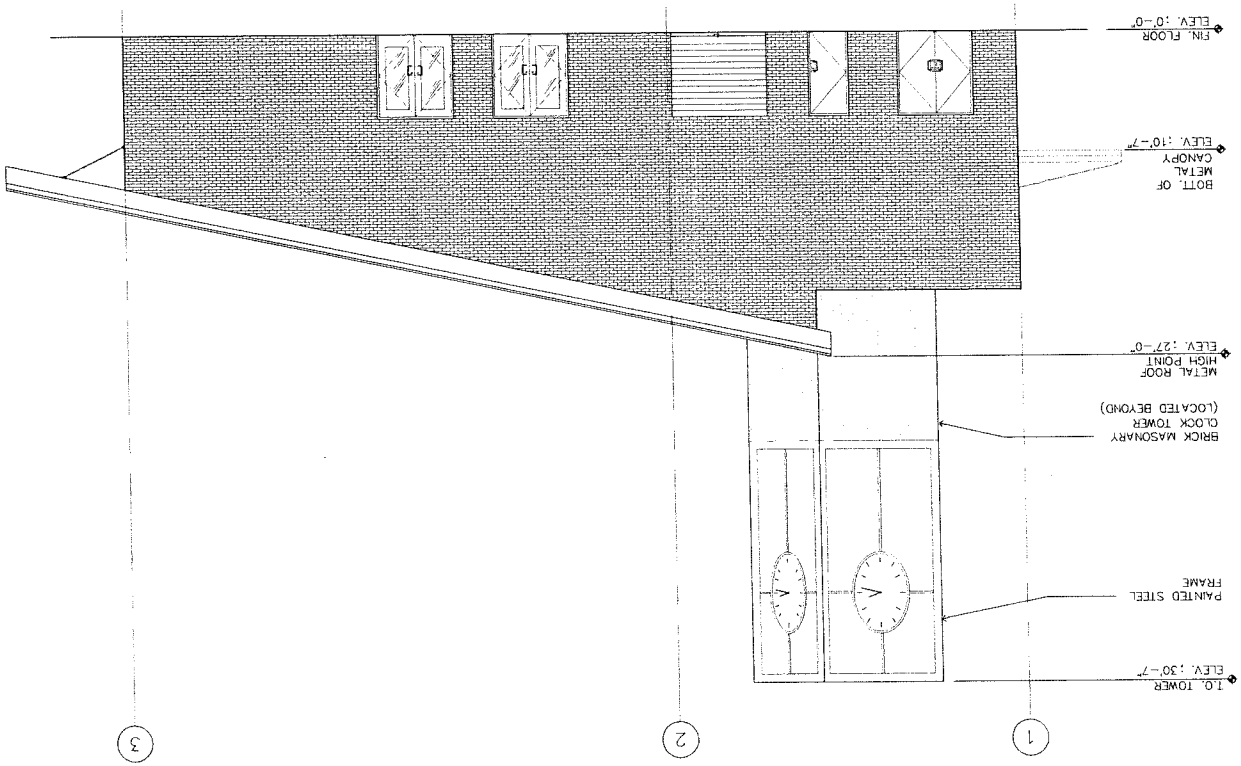
IN ASSOCIATION WITH:
GORRILL-PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM, & DRADE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
RECEIVING STATION
EXTERIOR ELEVATIONS

A300-R



SCALE: 1/8"=1'-0"
WEST ELEVATION



SCALE: 1/8"=1'-0"
EAST ELEVATION

A301-R
CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
RECEIVING STATION
EXTERIOR ELEVATIONS

PROJ. MANAGER	PAUL POTTE	BY	DATE
DESIGN-DETAILED	LL	A.R.S.	10/01/03
CHECKED-REVIEWED	LL	J.C.	10/01/03
DESIGN-DETAILED			
DESIGN-DETAILED			
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REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

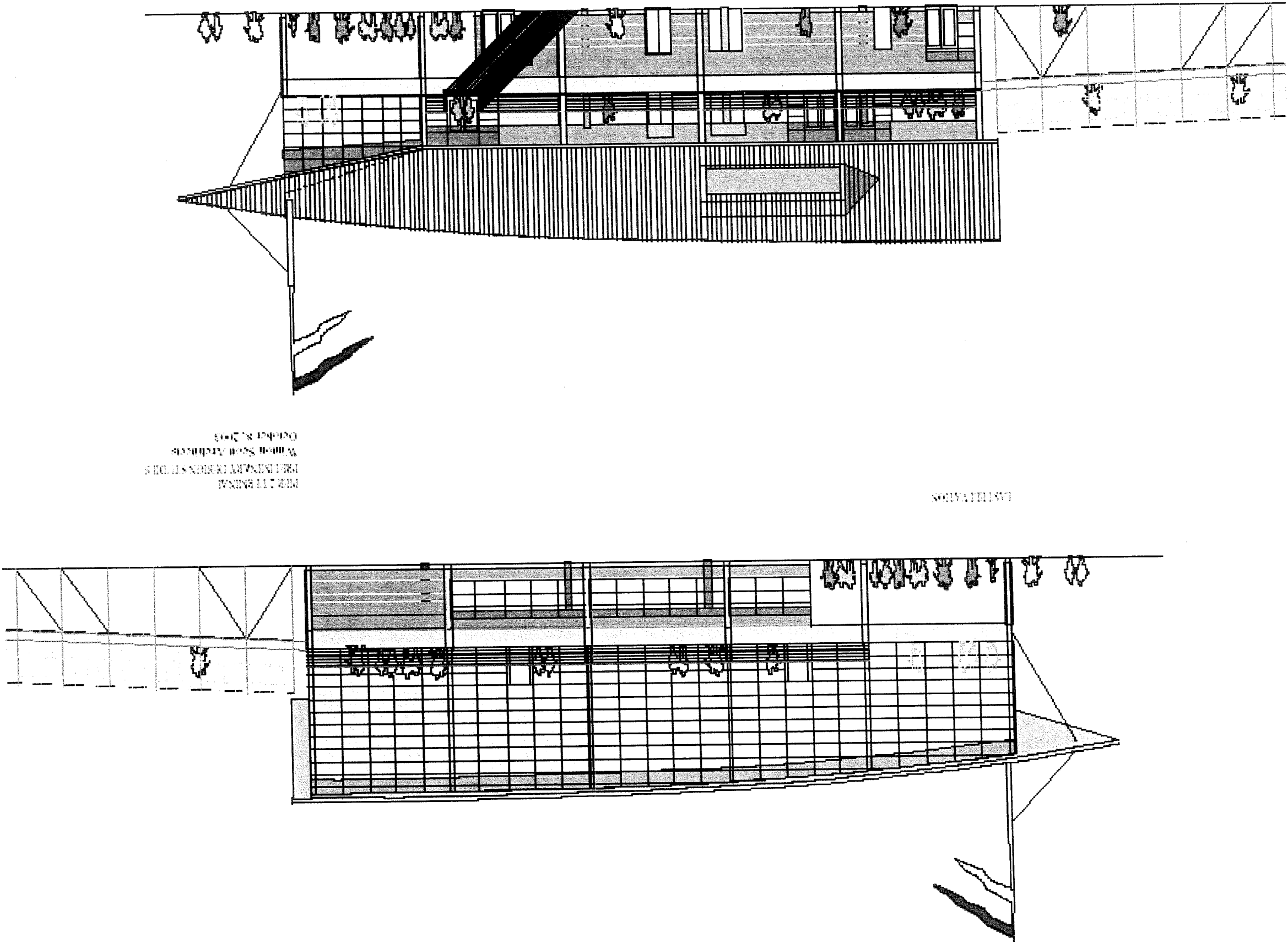
SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN
009215.00

WOODARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive • Portland, Maine 04102

BEA
INTERNATIONAL

IN ASSOCIATION WITH:
GORRILL-PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM & DRAGE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH



FOR THE BUILDING
WILSON SCOTT ARCHITECTS
October 8, 2003

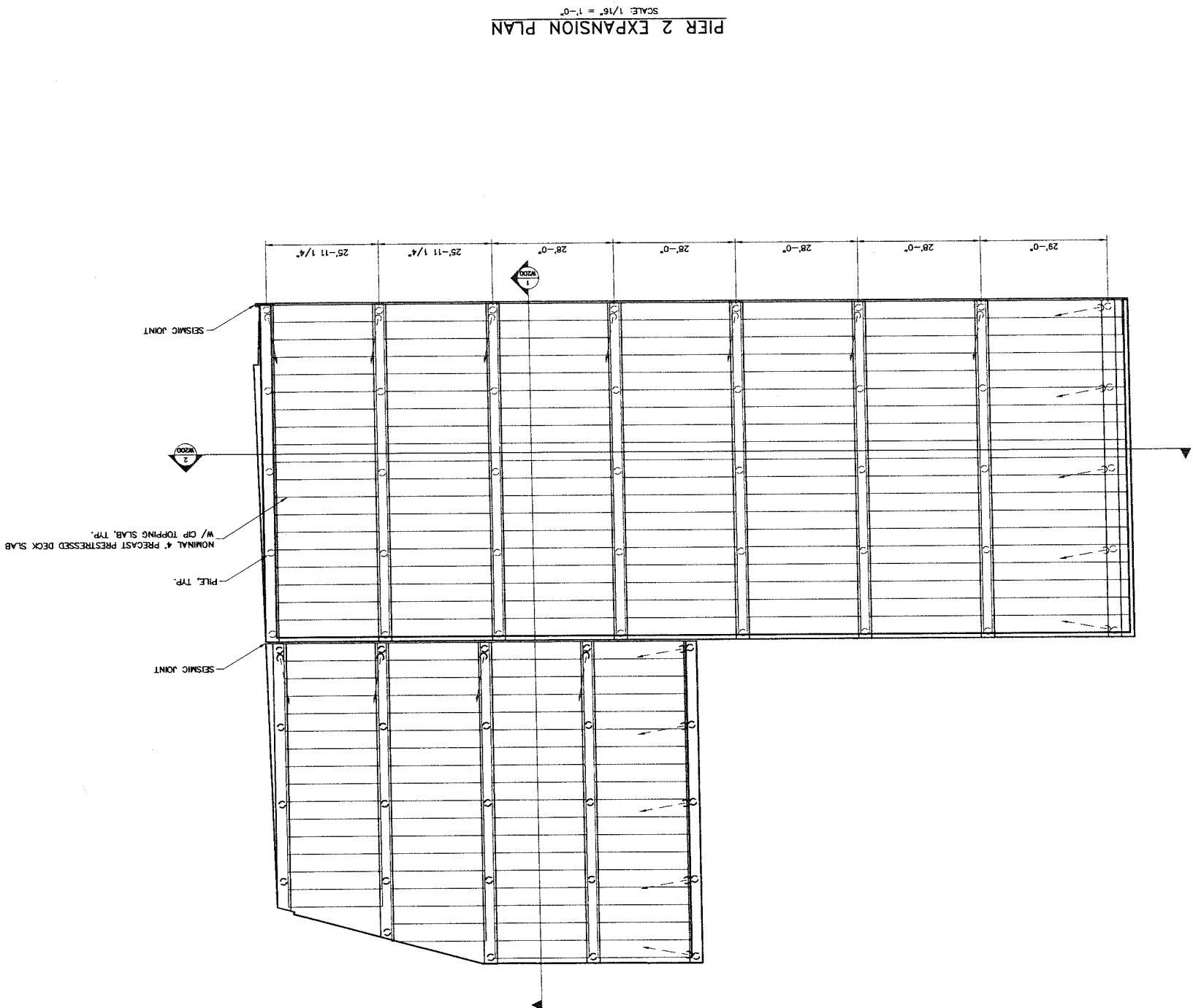
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				DESIGN-DETAILED									
				DESIGN-DETAILED									
				REVISIONS 1									
				REVISIONS 2									
				REVISIONS 3									
				REVISIONS 4									
				FIELD CHANGES									

WOODARD & CURRAN
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IN ASSOCIATION WITH:
OSBORN, PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM & DRAGE
HALEY & ALDRICH

N.T.S.



NGVD 1929, MLLW = 0.00 FT.

BAR SCALE

1/16" = 1'-0"

CHECK GRAPHIC SCALE BEFORE USING

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CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM & DRAGE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH

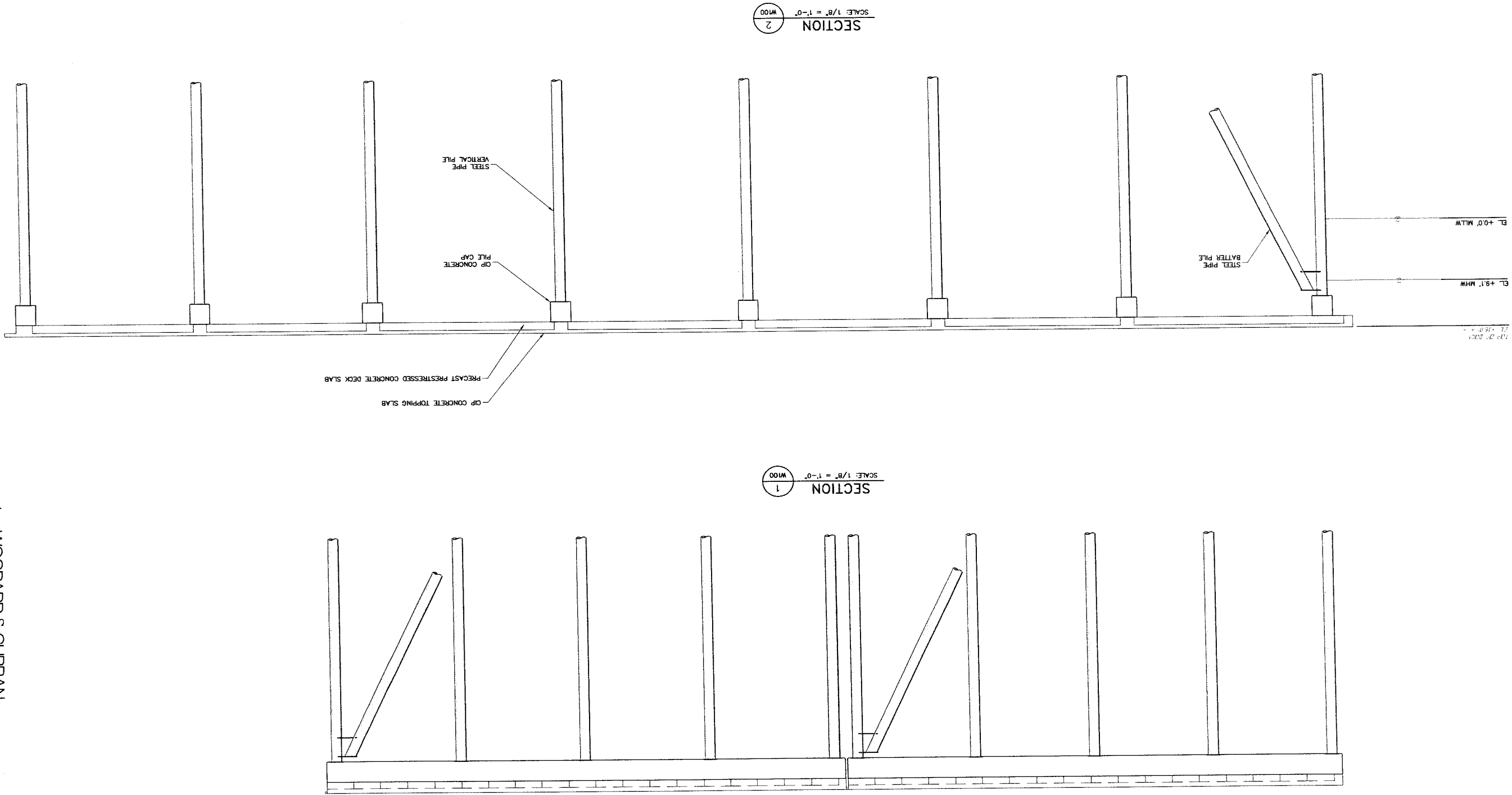
CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
PIER 2 EXPANSION PLAN

PROJ. MANAGER	PAUL POTTLE	BY		DATE	
DESIGN-DETAINED					
CHECKED-REVIEWED					
DESIGN-DETAINED2					
DESIGN-DETAINED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN
009215.00

W100
- OF -



NGVD 1929, MLLW = 0.00 FT.

12' 8' 4' 0' 8' 16'

BAS. SCALE

1/8" = 1'-0"

CHECK GRAPHIC SCALE BEFORE USING

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
PIER 2 EXPANSION SECTIONS

PROJ. MANAGER	PAUL POTTE	BY	DATE
DESIGN-DETAILED			
CHECKED-REVIEWED			
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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41 Hutchins Drive • Portland, Maine 04102

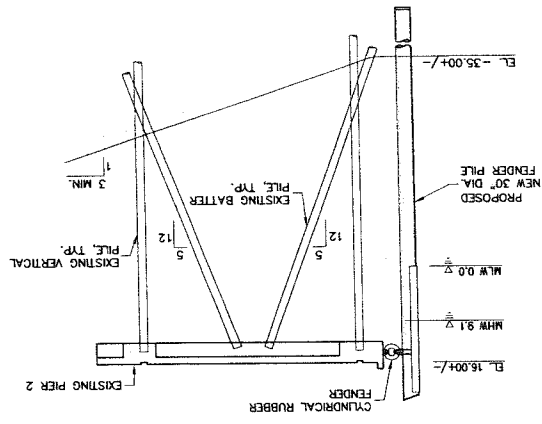
BEA
INTERNATIONAL

IN ASSOCIATION WITH:
DANIEL J. PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM & DRAGE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH

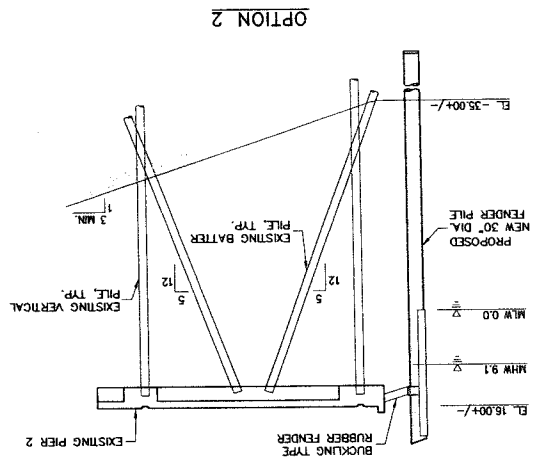
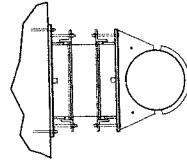
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
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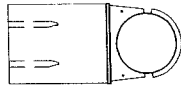
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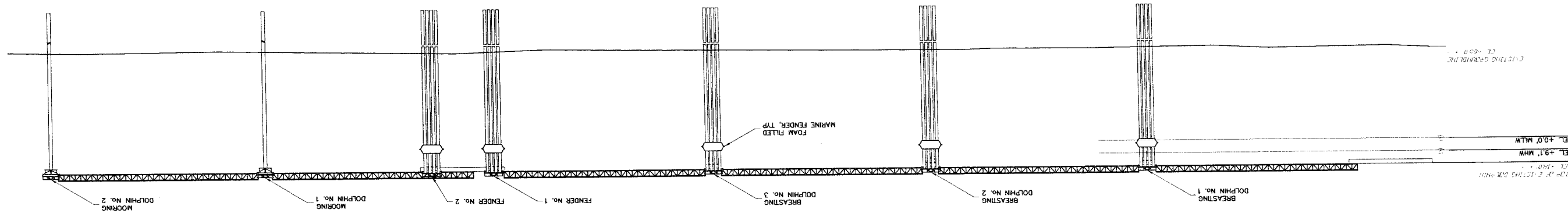
PIER 2 FENDER - PLAN



PIER 2 FENDER - PLAN



MEGA BERTH PHASE 1 ELEVATION



NGVD 1929, MLLW = 0.00 FT.
GRAPHIC SCALE BEFORE USING
1/8" = 1'-0"
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CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
MEGA BERTH PHASE 1 ELEVATION
& PIER 2 FENDER OPTIONS

PROJ. MANAGER	PAUL POTTE	BY	DATE
DESIGN-DETAILED			
CHECKED-REVIEWED			
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

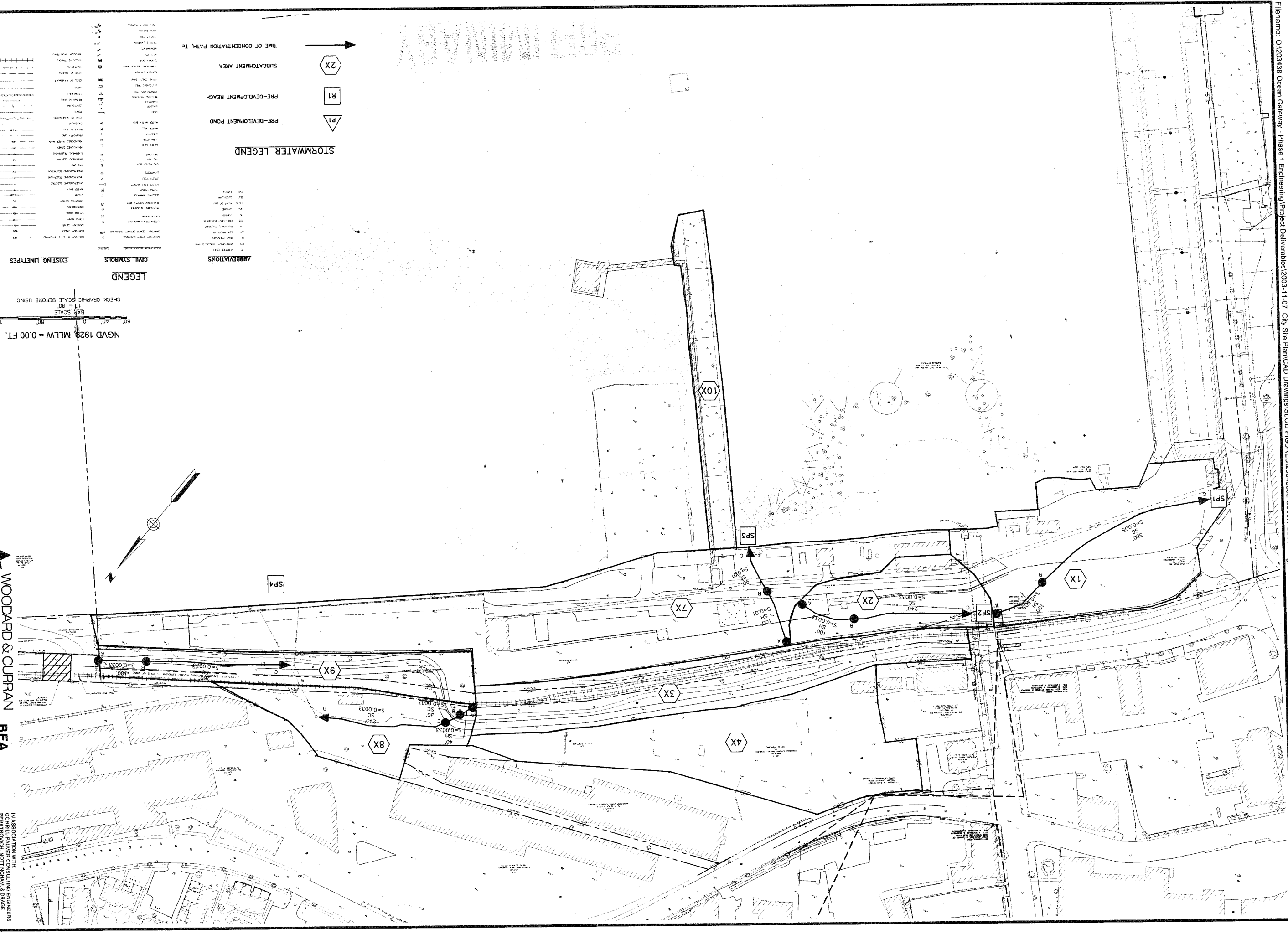
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DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN
009215.00

WOODARD & CURRAN
Engineering, Science, Operations
41 Hutchins Drive - Portland, Maine 04102

BEA
INCORPORATED

IN ASSOCIATION WITH:
CORRILL-PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM, & DRAGE
VALLEY & ALDRICH



STORMWATER LEGEND

- PRE-DEVELOPMENT POND
- PRE-DEVELOPMENT REACH
- SUBCATCHMENT AREA
- TIME OF CONCENTRATION PATH, Tc

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NGVD 1929, MLLW = 0.00 FT.

GRAPHIC SCALE BEFORE USING

1" = 80'

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Figure 6.1

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
PRE-DEVELOPMENT
STORMWATER PLAN

PROJ. MANAGER	PAUL POTTE	BY	DATE
DESIGN-DETAILED	DRG	DRG	
CHECKED-REVIEWED	DRG		
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	PIN 009215.00
PROJECT NUMBER 009215.00	

WOODARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive • Portland, Maine 04102

BEA
IN ASSOCIATION WITH
CORRIGAN PALMER CONSULTING ENGINEERS
PEARSON VICKI NOTTINGHAM & ORAGE
HALEY & ALDRICH

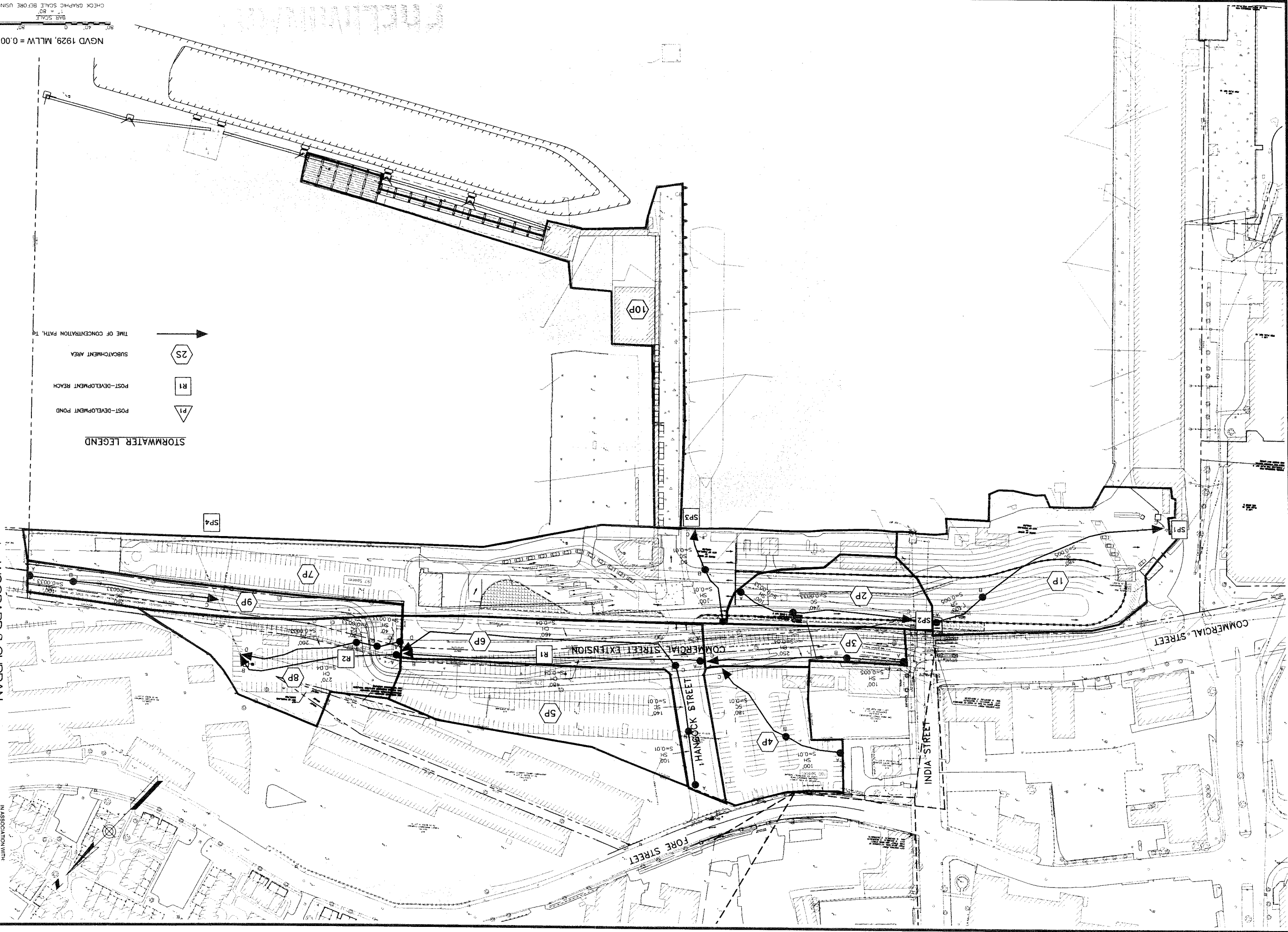


Figure 6.2

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
POST-DEVELOPMENT
STORMWATER PLAN

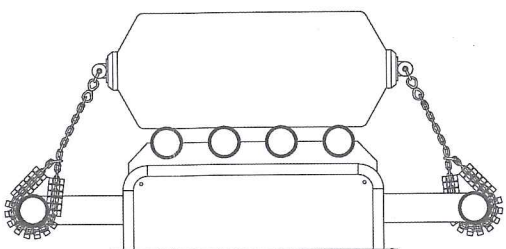
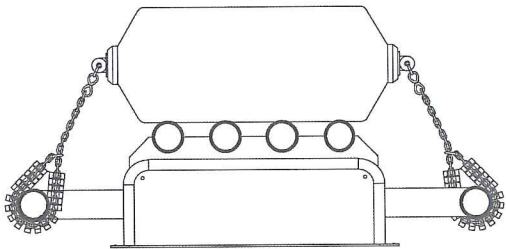
PROJ. MANAGER PAUL POTTLE	BY	DATE
DESIGN-DETAILED	DRG	DRG
CHECKED-REVIEWED	DRG	
DESIGN-DETAILED2		
DESIGN-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN
009215.00

WOODARD & CURRAN
Engineering • Science • Operations
41 Hutchins Drive • Portland Maine 04102

BEA
INTERNATIONAL
IN ASSOCIATION WITH
GEORGE W. BARTON CONSULTING ENGINEERS
BRUNNEN & BROTHERMAN & DRAGE
WINTON SCOTT ARCHITECTS
HALEY & ALDRICH

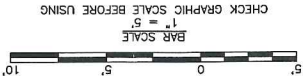


3.76	2.11	1.39	1.03	0.86	0.74	0.69	0.65	0.63	0.62	0.61	0.61	0.62	0.63	0.65	0.70	0.82	0.96	1.24	1.69	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84		
3.50	2.00	1.35	1.09	0.94	0.85	0.79	0.74	0.71	0.69	0.68	0.69	0.70	0.72	0.77	0.80	0.85	0.91	1.02	1.23	1.69	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84	
1.33	1.60	1.42	1.22	1.07	0.97	0.91	0.86	0.82	0.78	0.77	0.78	0.82	0.86	0.89	0.94	0.98	1.03	1.12	1.31	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84	
1.29	1.17	1.50	1.31	1.24	1.15	1.07	0.99	0.92	0.89	0.86	0.89	0.94	1.00	1.06	1.12	1.18	1.23	1.25	1.24	1.06	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
1.11	1.38	1.40	1.45	1.43	1.35	1.25	1.14	1.05	1.01	1.00	1.02	1.07	1.16	1.26	1.35	1.42	1.44	1.40	1.24	1.12	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
1.34	1.55	1.76	1.75	1.70	1.59	1.43	1.29	1.18	1.12	1.10	1.14	1.22	1.34	1.50	1.63	1.73	1.75	1.60	1.48	1.28	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
1.72	1.97	2.09	2.14	2.08	1.87	1.64	1.44	1.30	1.21	1.20	1.25	1.36	1.53	1.75	1.98	2.14	2.08	1.89	1.55	1.28	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
2.29	2.60	2.68	2.69	2.40	2.19	1.85	1.58	1.38	1.28	1.26	1.32	1.48	1.71	2.02	2.26	2.53	2.67	2.64	2.46	2.00	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
3.09	3.39	3.55	3.27	2.91	2.37	1.93	1.67	1.42	1.29	1.27	1.35	1.54	1.84	2.15	2.66	3.06	3.47	3.41	3.28	2.69	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
4.24	4.49	4.36	3.87	3.28	2.59	2.06	1.64	1.37	1.25	1.22	1.31	1.50	1.85	2.30	2.93	3.71	4.08	4.41	4.53	3.70	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
4.36	6.07	5.74	4.57	3.57	2.77	2.07	1.58	1.28	1.13	1.11	1.19	1.42	1.82	2.42	3.16	4.06	5.01	6.12	5.34	3.19	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
1.60	6.32	6.52	5.25	3.81	2.69	1.90	1.41	1.10	0.95	0.93	1.02	1.26	1.67	2.30	3.28	4.65	5.93	7.01	3.64	0.71	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84
0.69	0.73	2.67	3.86	3.45	2.39	1.49	1.09	0.87	0.76	0.74	0.81	0.98	1.30	1.92	3.03	3.93	3.87	1.99	0.73	0.68	1.57	2.36	3.12	5.21	7.36	6.71	4.58	2.66	1.69	1.20	0.93	0.79	0.82	0.99	1.32	1.84

MOORING PLATFORM

B

MOORING PLATFORM



41 Hatchline Drive | Portland, ME 04102
800.426.4262 | www.woodwardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

EP-M-04

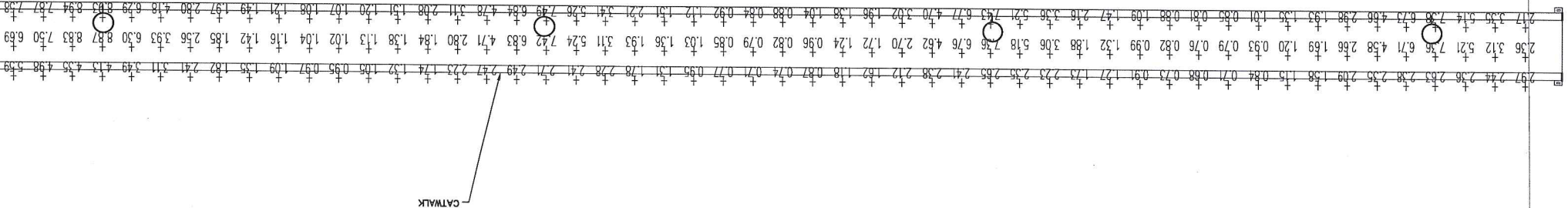
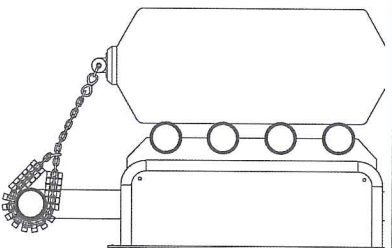
CITY OF PORTLAND
OCEAN GATEWAY PIER 2 BERTH 2
PHOTOMETRIC PLAN
MOORING PLATFORM

PROJ. MANAGER	PAUL POTTE	BY	DATE
DESIGN-DETAILED			
CHECKED-REVIEWED			
DESIGN-DETAILED2			
DESIGN-DETAILED3			2/23/11
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

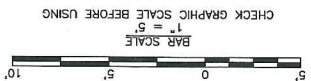
SIGNATURE	P.E. NUMBER	DATE
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TED M. GIFFORD REGISTERED PROFESSIONAL ENGINEER		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 017812.00
PIN
017812.00

GENERAL NOTES:



-CATWALK



 **WOODWARD
& CURRAN**

41 Hutchins Drive | Portland, ME 04102
800.428.4362 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

EPM-05					
CITY OF PORTLAND OCEAN GATEWAY PIER 2 BERTH 2 PHOTOMETRIC PLAN CATWALK					
PROJ. MANAGER PAUL POTTE		BY	DATE		
DESIGN - DETAILED				SIGNATURE	
CHECKED - REVIEWED				10271	
DESIGN - DETAILED2				P.E. NUMBER	
DESIGN - DETAILED3				02/23/2011	
REVISIONS 1				DATE	
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					
				STATE OF MAINE DEPARTMENT OF TRANSPORTATION PROJECT NUMBER 017812.00 PIN 017812.00	