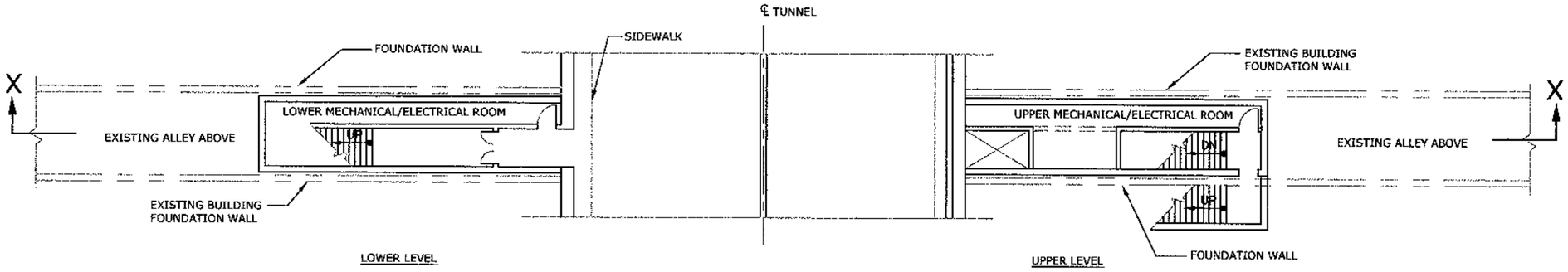
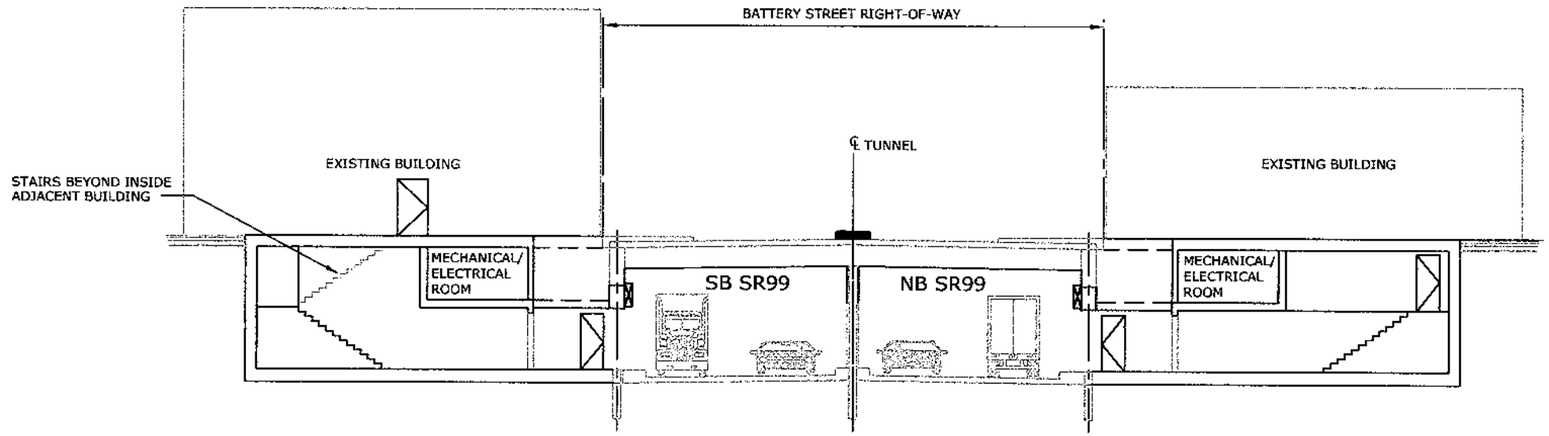


ENLARGED PLAN FROM FIGURE T-07
BATTERY STREET TUNNEL : PLAN AT EMERGENCY EGRESS



CROSS-SECTION X FROM THE ABOVE FIGURE
BATTERY STREET TUNNEL : SECTION AT EMERGENCY EGRESS

GRAPHIC SCALE
0 10 20 30 40 60
SCALE IN FEET

U.S. Department of Transportation
Federal Highway Administration

Washington State Department of Transportation

City of Seattle

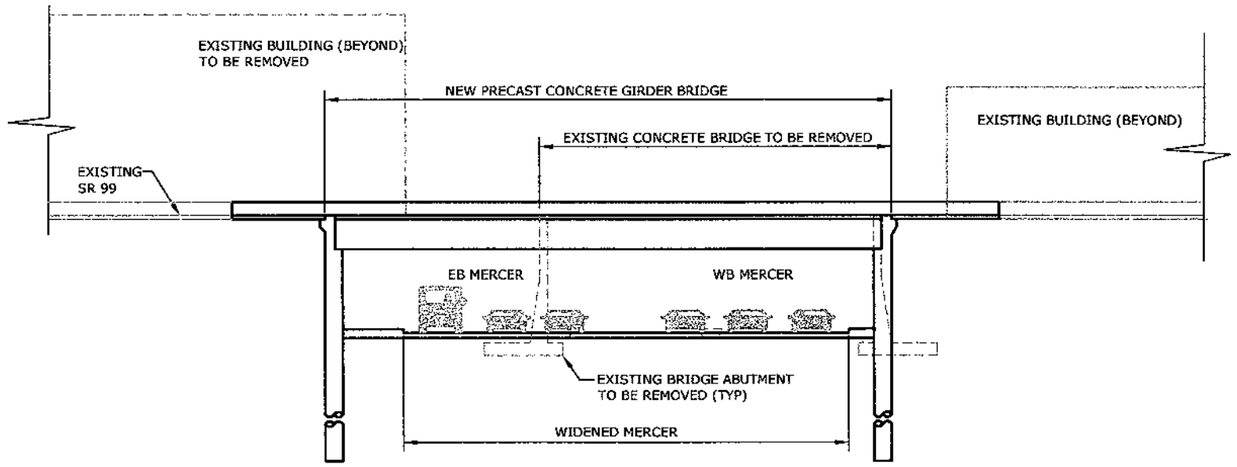
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
BATTERY STREET TUNNEL SECTIONS

FIGURE NO
T-17

PLOTTING DATE : 020404 09:56

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-17.DWG



CROSS-SECTION J FROM FIGURE T-08

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

U.S. Department of Transportation
Federal Highway Administration

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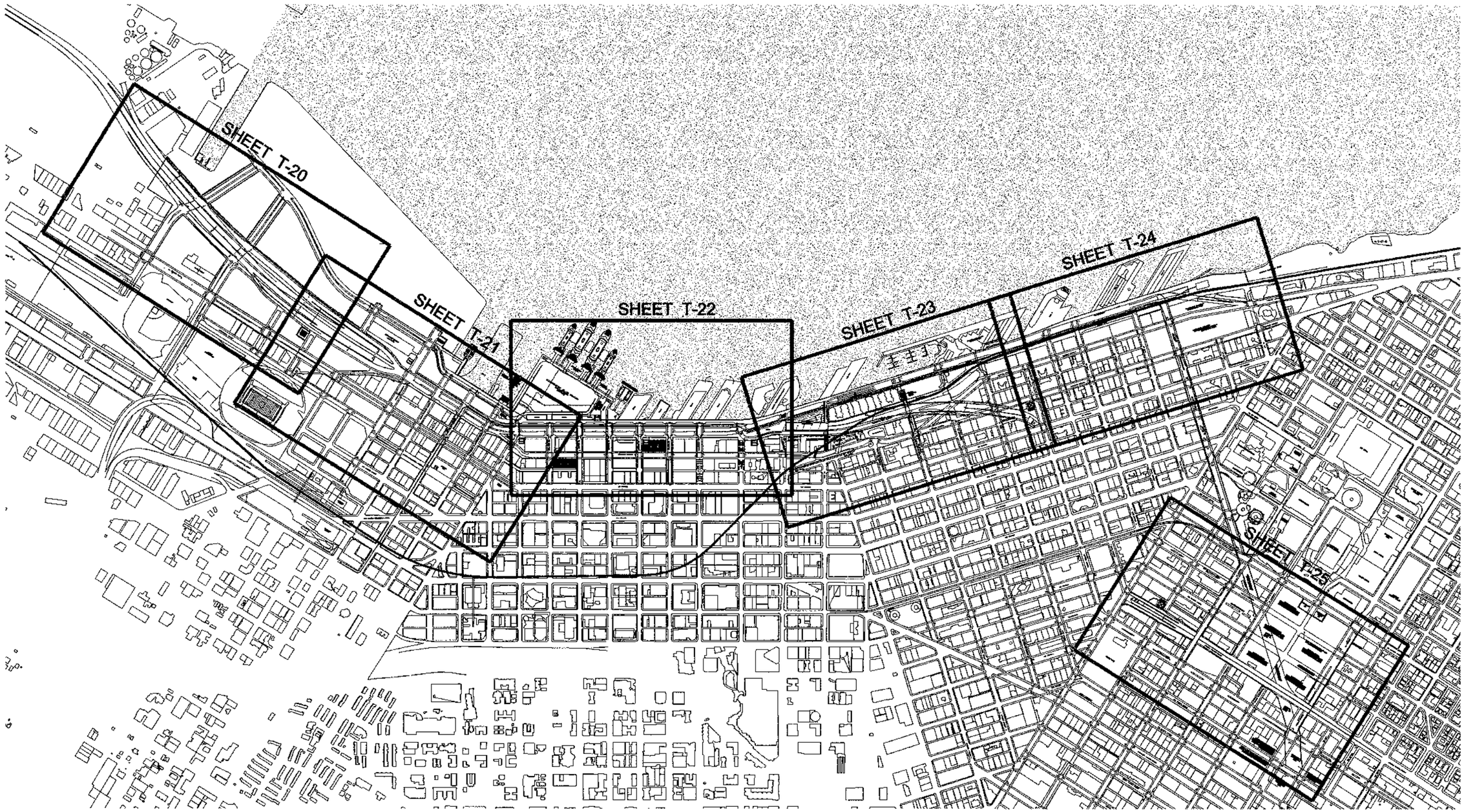
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
CROSS-SECTIONS, FROM FIGURE T-08

FIGURE NO
T-18

PLOTTING DATE : 020404 09:56

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-18.DWG



0 100 200
SCALE IN FEET

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

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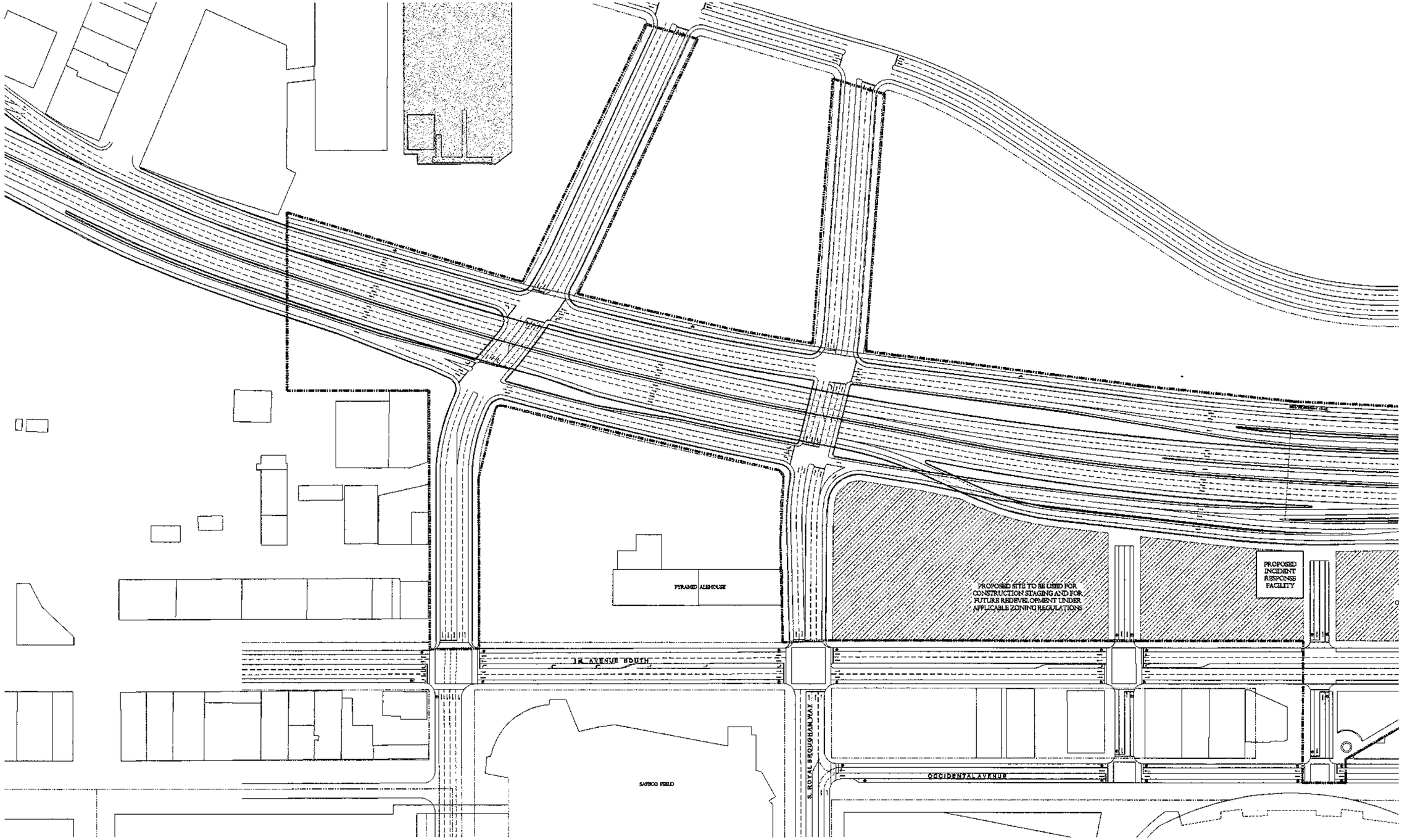
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
KEY PLAN

SHEET FIGURE NO
T-19

PLOTTING DATE : 030204

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\TUNNEL\ORIGINAL\TL-KEYPLAN.DWG



NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

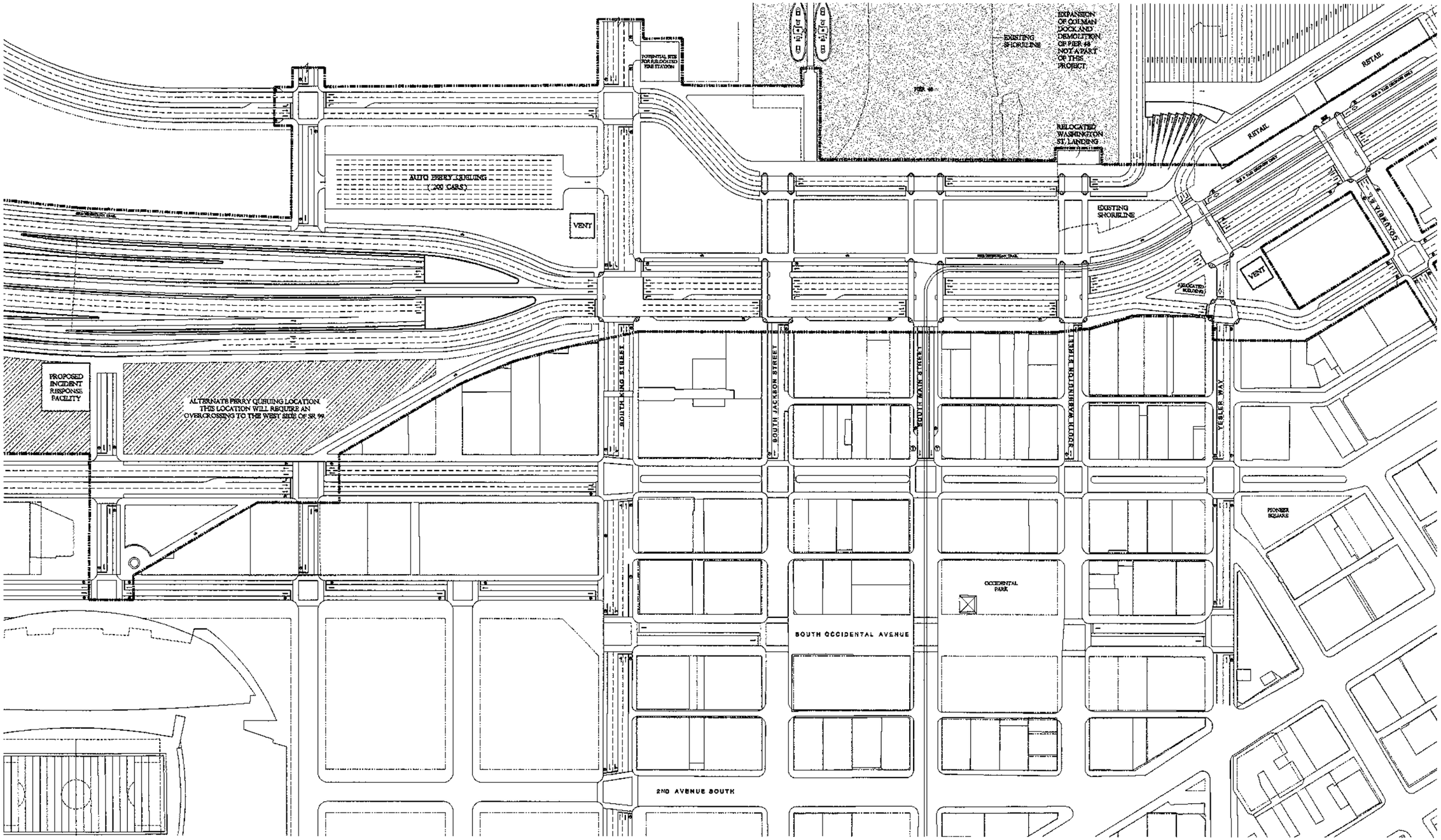
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
S. ATLANTIC TO RAILROAD WAY SOUTH

SHEET FIGURE NO
T-20

PLOTTING DATE : 030204

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\TUNNEL\ORIGINAL\TL-SOUTH.DWG



NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

0 100 200
SCALE IN FEET

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

PLOTTING DATE : 030204

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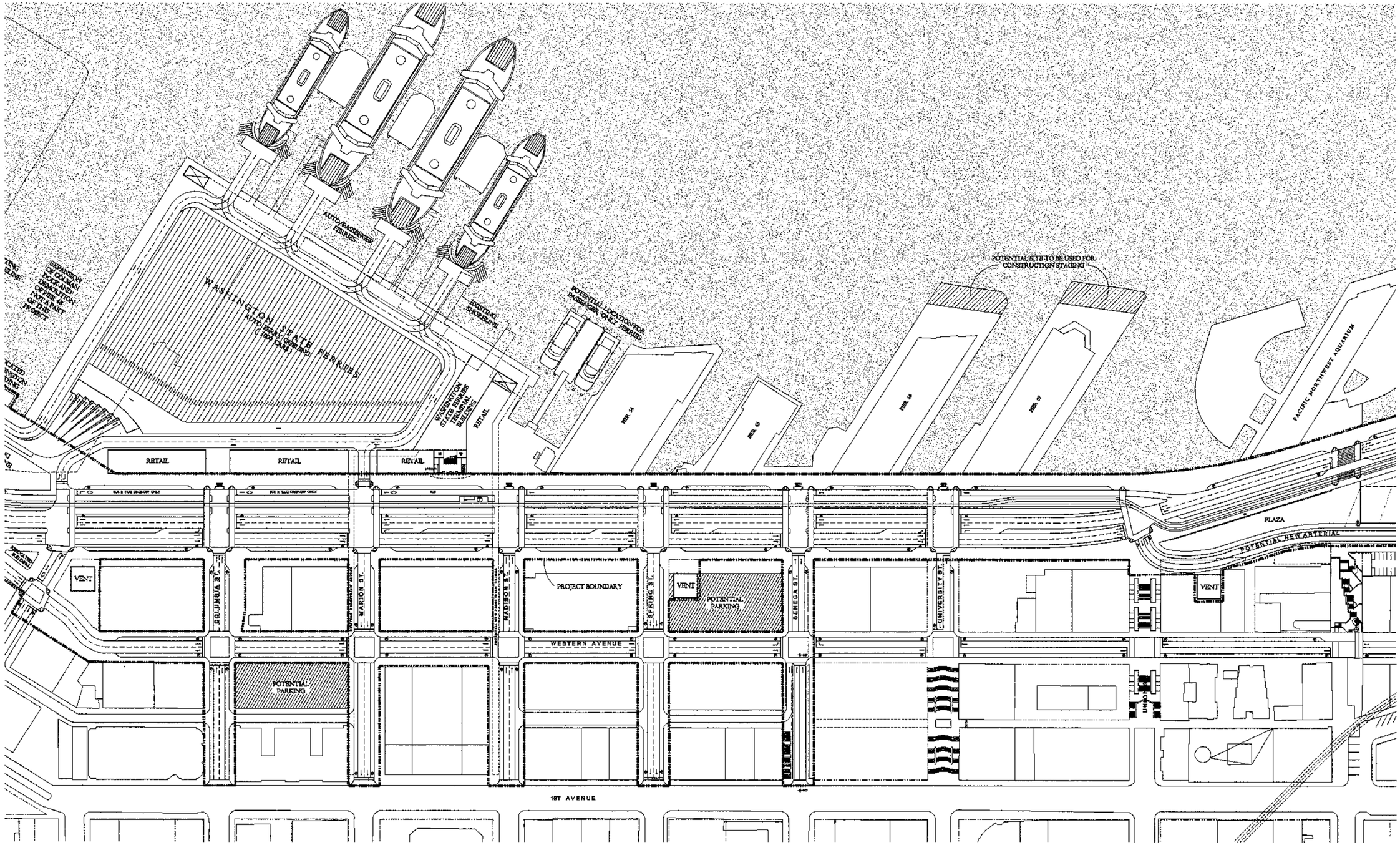
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
RAILROAD WAY SOUTH TO YESLER

SHEET FIGURE NO
T-21

FILENAME: :\\ROMA DESIGN GROUP\64\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\TUNNEL\ORIGINAL\TL-SOUTH.DWG



NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

0 100 200
SCALE IN FEET

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

PLOTTING DATE : 030204

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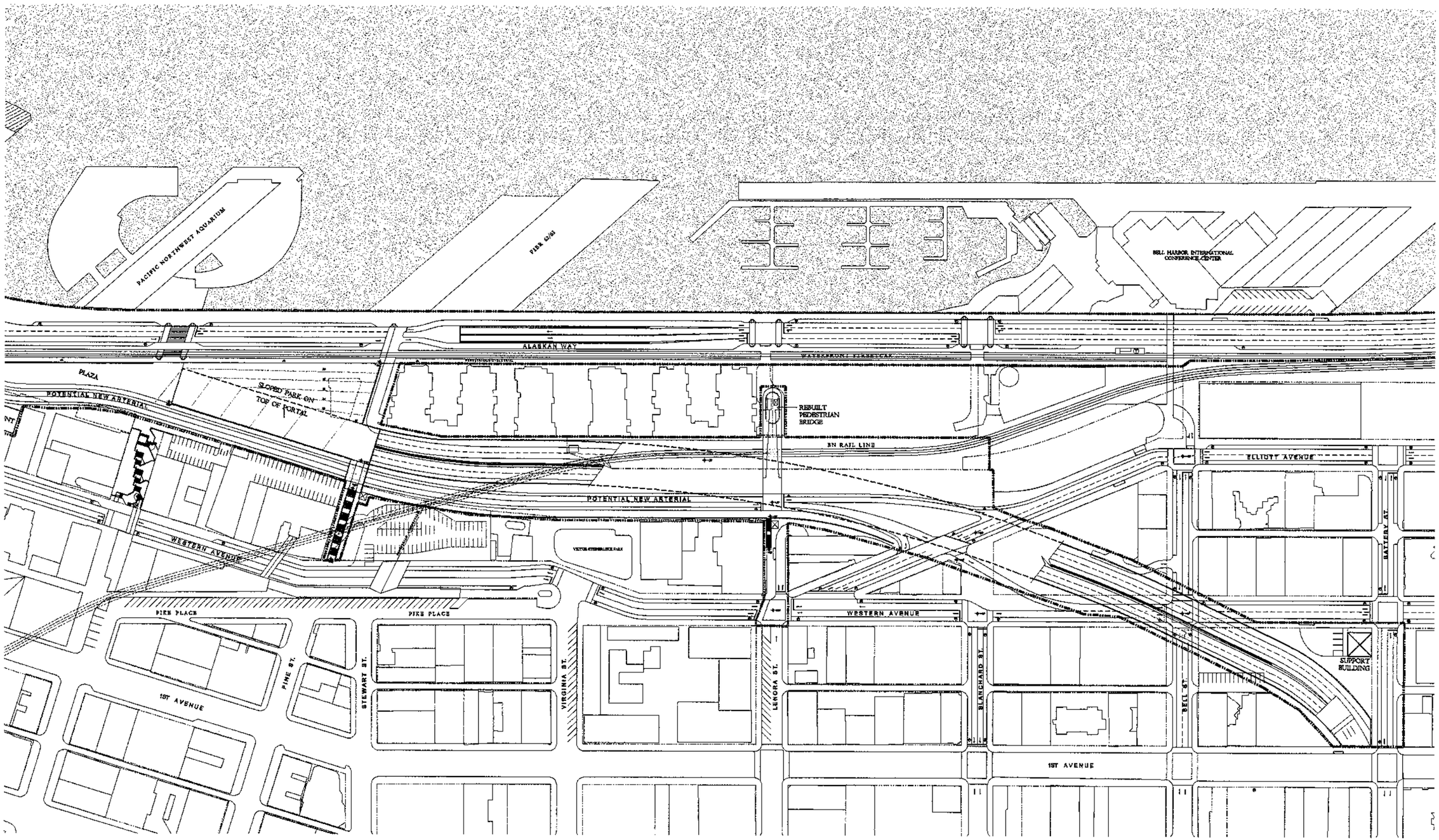
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
YESLER TO PIKE

SHEET FIGURE NO
T-22

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\TUNNEL\ORIGINAL\TL.DWG



0 100 200

SCALE IN FEET

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
PIKE TO BATTERY

SHEET FIGURE NO
T-23

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\TUNNEL\ORIGINAL\TL.DWG

PIER 67

PIER 69

PIER 70

ALASKAN WAY

WATERFRONT STREET CAR

BN RAIL LINE

MYRTLE EDWARDS PARK

PROPOSED OLYMPIC SCULPTURE PARK

BN RAIL LINE

ELLIOTT AVENUE

PROPOSED OLYMPIC SCULPTURE PARK

ELLIOTT AVENUE

BATTERY ST.

WALL ST.

VINE ST.

CEDAR ST.

CLAY ST.

BROAD ST.

WESTERN AVENUE

WESTERN AVENUE

SUPPORT BUILDING

EAGLE ST.

BAY ST.

QUEEN ANN

DENNY WAY

1ST AVENUE

1ST AVENUE

1ST AVENUE NORTH

WARREN AVENU

2ND AVENUE

PROJECT BOUNDARY CONTINUOUS TO 5TH AVE.

0 100 200

SCALE :N FEET

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

NOTE:
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PLOTTING DATE : 030204

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City of Seattle

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
BATTERY TO SCULPTURE PARK

SHEET FIGURE NO
T-24

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\TUNNEL\ORIGINAL\TL.DWG

8TH AVENUE NORTH

TAYLOR AVENUE NORTH

6TH AVENUE NORTH

AURORA AVENUE NORTH

DEXTER AVENUE NORTH

DENNY PARK

TAYLOR ST.

HARRISON ST.

MERCER ST.

SKATE PARK (E)

BASKETBALL COURT (E)

DEMOLISH BROAD ST. AND BACKFILL TO SURFACE

SEATTLE CITY LIGHT

POTENTIAL SITE FOR CONSTRUCTION STAGING AND FOR FUTURE REDEVELOPMENT UNDER APPLICABLE ZONING REGULATIONS

EXISTING BROAD ST. R.O.W.

POTENTIAL RECONNECTION OF GRID. NOT A PART OF THIS PROJECT

POTENTIAL 6TH AVE. BRIDGE NOT A PART OF THE PROJECT

SUPPORT BUILDING

HARRISON STREET

MERCER STREET

ROY ST.

EXISTING BROAD ST. R.O.W.

DEVELOPMENT OPPORTUNITY AREA

THE CONTINUATION OF A WIDENED TWO-WAY MERCER ST. EAST OF DEXTER IS NOT PART OF THIS PROJECT. IT IS ONE OF MANY OPTIONS BEING CONSIDERED BY THE CITY OF SEATTLE.

BROAD ST. DEMOLISHED AND BACKFILLED TO SURFACE AND CURBS OF ADJACENT STREETS RE-ESTABLISHED

THE BROAD ST. ON AND OFF RAMPS EAST OF 5TH ST. WILL NO LONGER BE USABLE DUE TO CLOSURE OF BROAD ST. EAST OF 5TH AVENUE NORTH.

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

0 100 200

SCALE IN FEET

NOTE:
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Federal Highway Administration

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City of Seattle

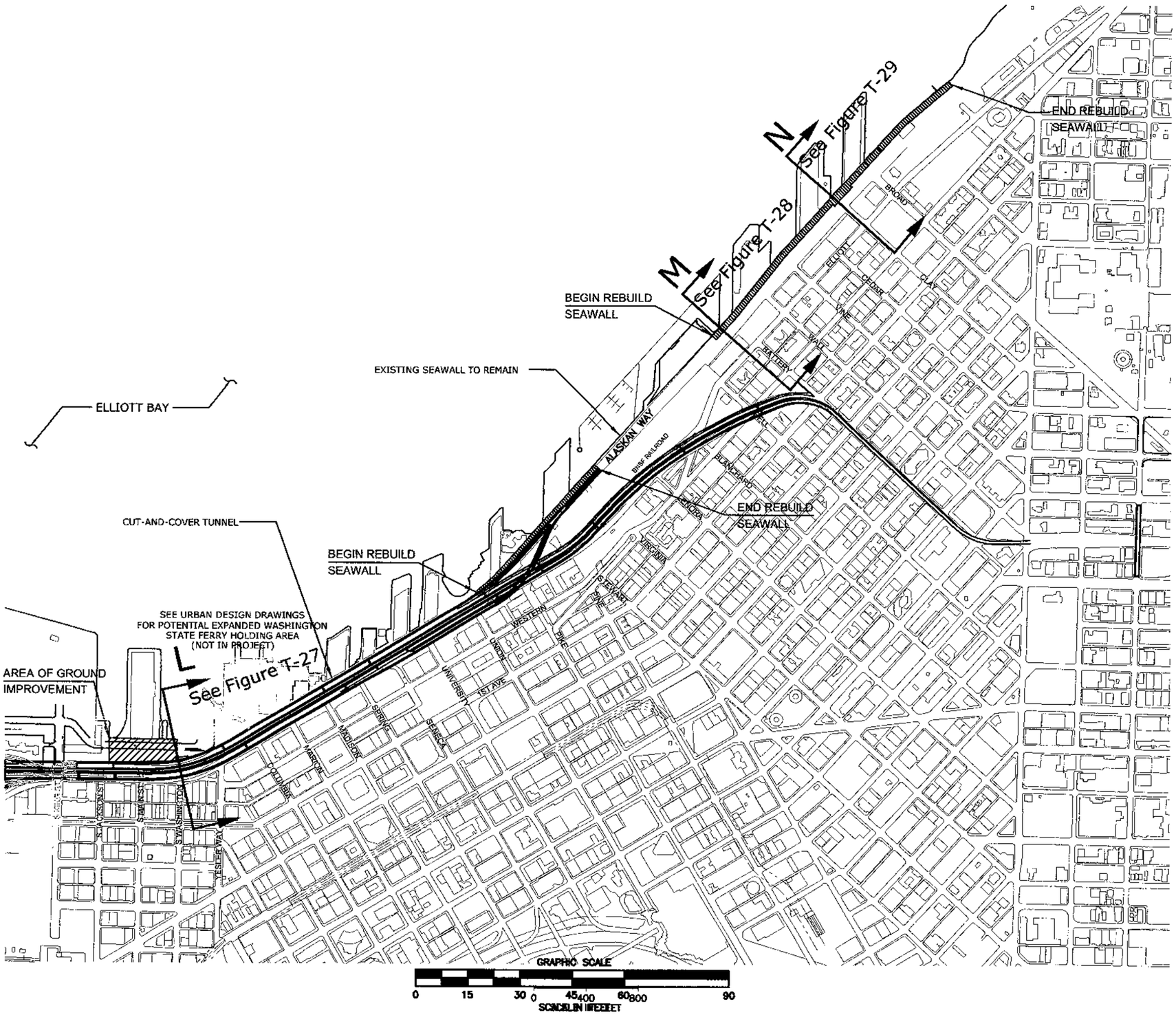
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
NORTH OF THE BATTERY STREET TUNNEL

SHEET FIGURE NO
T-25

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\TUNNEL\ORIGINAL\TI_-SLU.DWG



PLOTTING DATE : 020404 09:57

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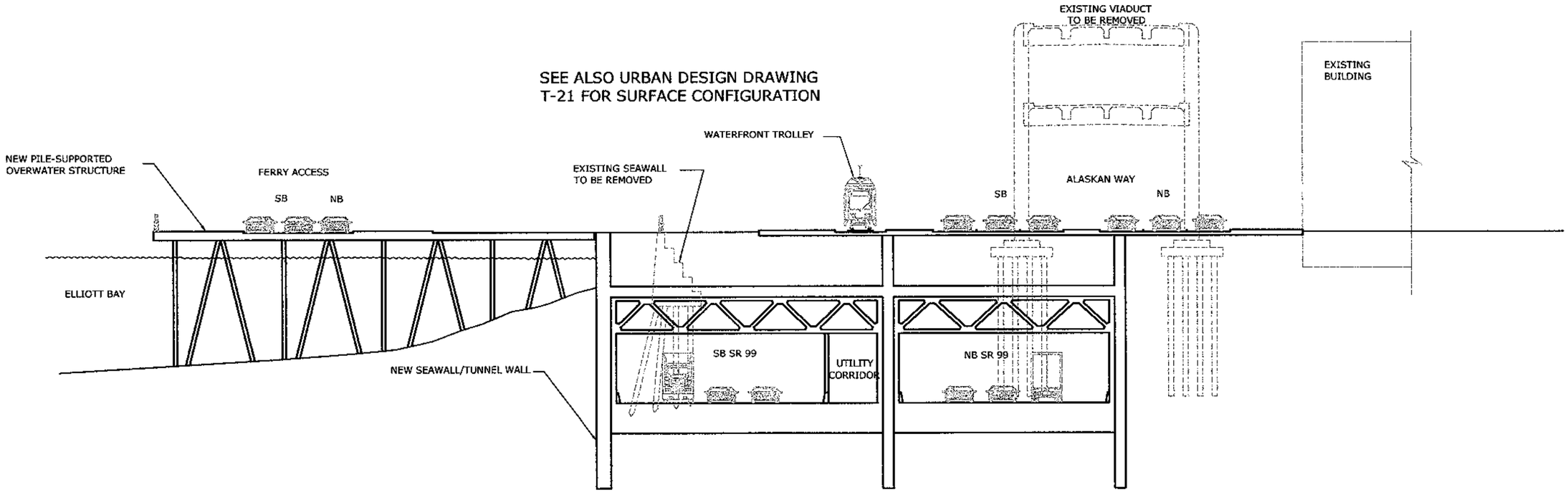
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
SEAWALL REPLACEMENT PLAN

FIGURE NO
T-26

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-26.DWG

SEE ALSO URBAN DESIGN DRAWING
T-21 FOR SURFACE CONFIGURATION



CROSS-SECTION L FROM FIGURE T-26
TUNNEL SECTION AT EXISTING GRAVITY SEAWALL

GRAPHIC SCALE
0 15 30 45 60 90
SCALE IN FEET

U.S. Department of Transportation
Federal Highway Administration

Washington State
Department of Transportation

City of Seattle

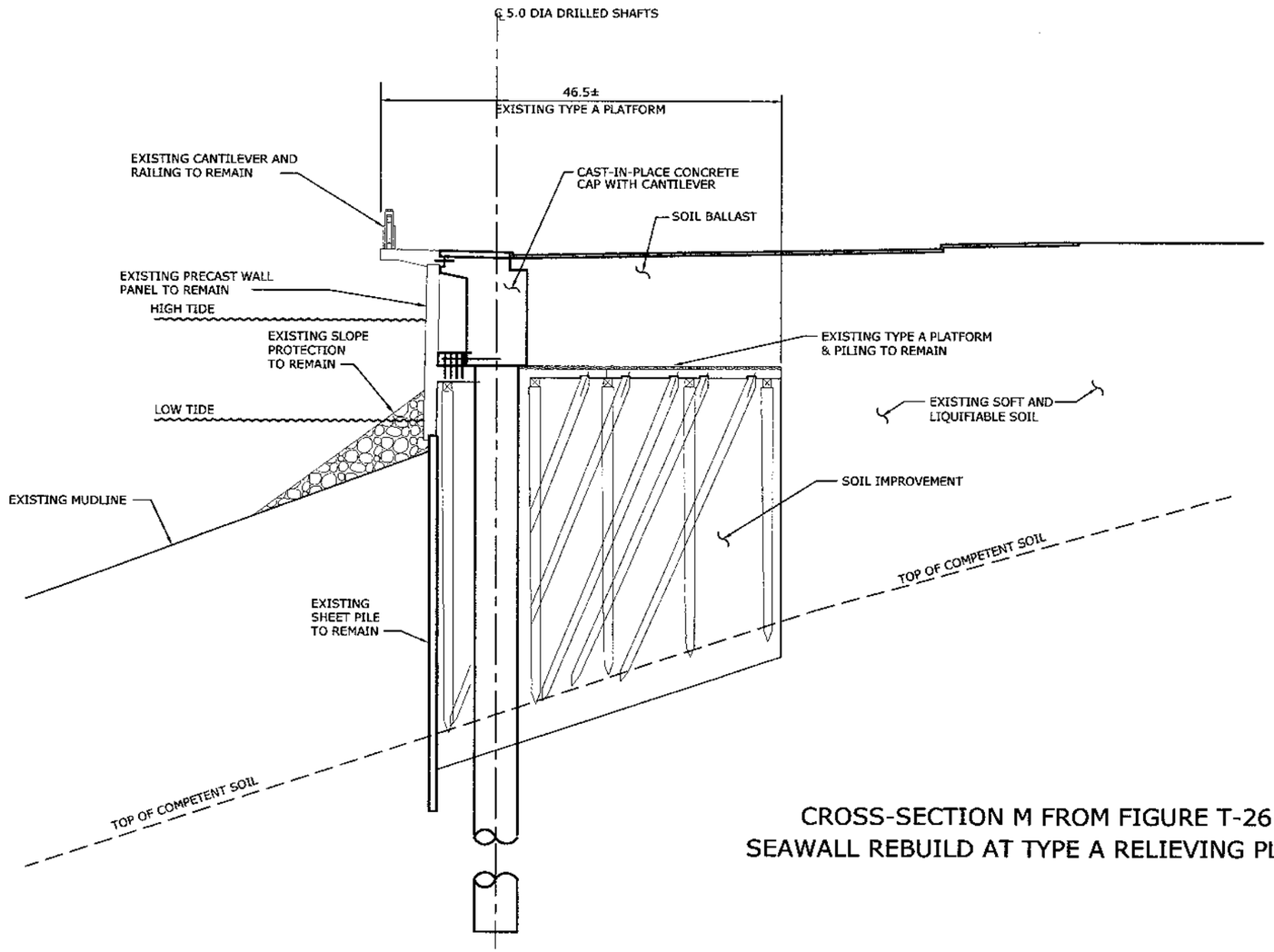
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
SECTION : GRAVITY WALL

FIGURE NO
T-27

PLOTTING DATE : 020404 10:02

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-27.DWG



CROSS-SECTION M FROM FIGURE T-26
SEAWALL REBUILD AT TYPE A RELIEVING PLATFORM

GRAPHIC SCALE
0 8 16 24 32 48
SCALE IN FEET

U.S. Department of Transportation
Federal Highway Administration
Washington State Department of Transportation
City of Seattle

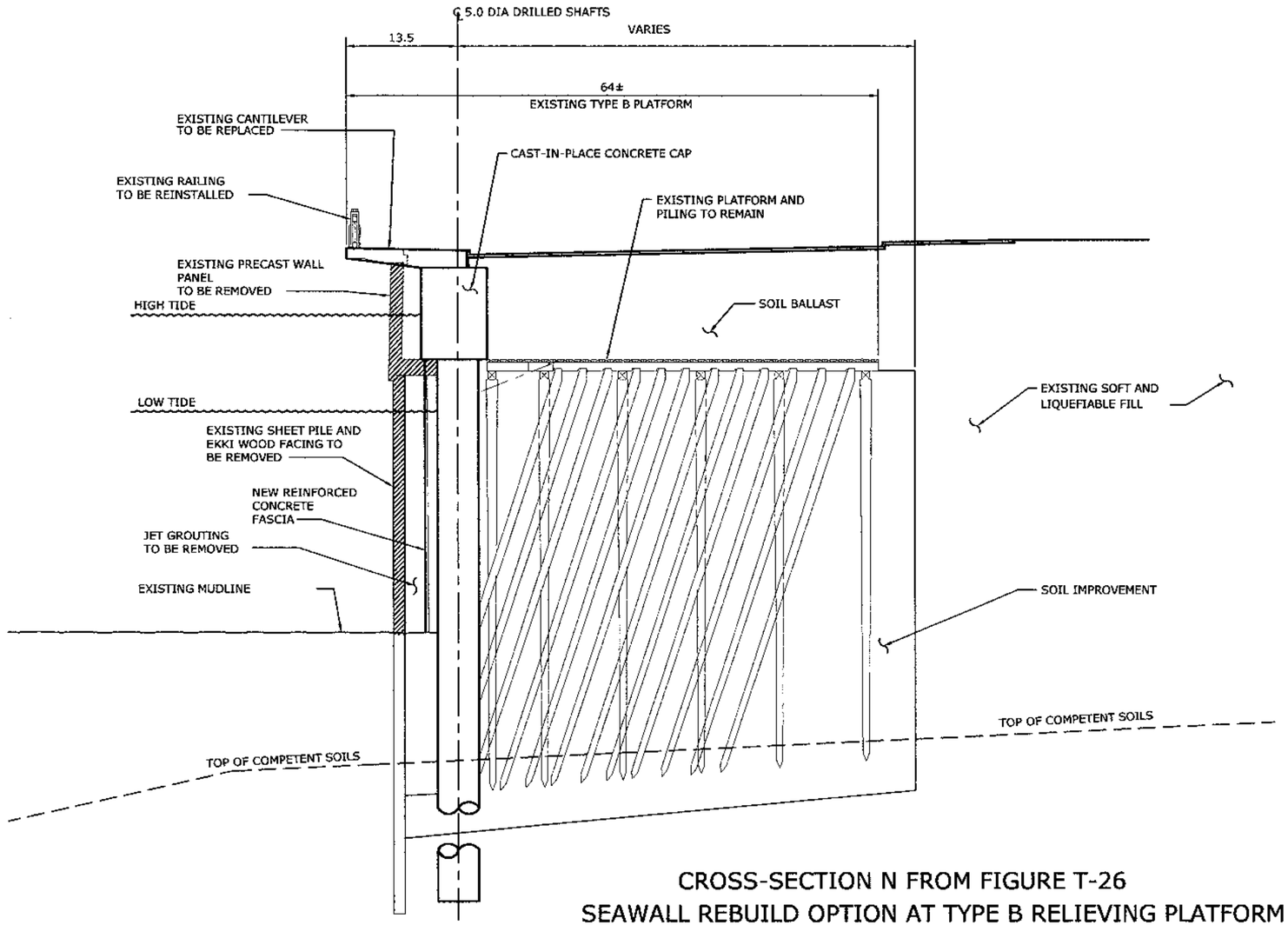
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
SECTION: SEAWALL TYPE A

FIGURE NO
T-28

PLOTTING DATE : 020404 10:04

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-28.DWG



CROSS-SECTION N FROM FIGURE T-26
SEAWALL REBUILD OPTION AT TYPE B RELIEVING PLATFORM

GRAPHIC SCALE
0 8 16 24 32 48
SCALE IN FEET

U.S. Department of Transportation
Federal Highway Administration
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City of Seattle

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
SECTION: SEAWALL TYPE B

FIGURE NO
T-29

PLOTTING DATE : 020404 10:05

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-29.DWG

South
S. Spokane To S. King

3 LANES EACH WAY AT-GRADE

3 LANES EACH WAY SIDE-BY-SIDE BRIDGE

New Railroad Track

BNSF SIG Rail Yard

Existing Railroad Track

B OPTION

See Figure T-32

SB Ramp To S.Atlantic And S. Royal Brougham

Tail Track

Colorado Ave.

NB Ramp To S.Atlantic And S. Royal Brougham

B

S. Massachusetts St.

1st Ave. S.

S. Royal Brougham Way

1st Ave. S.

0 100 200

SCALE IN FEET

PLOTTING DATE : 020404 10:

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City of Seattle

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

OPTION TO TUNNEL ALTERNATIVE
WALKER TO ATLANTIC

FIGURE NO
T-30

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-30.DWG

ELLIOTT BAY

North Waterfront
Pike To Broad

SB On-Ramp
From Elliott

BNSF Railroad

Alaskan Way

Elliott Ave.

Bell St.

1st

2nd Ave.

NB Off-Ramp
To Western

2 LANES
EACH WAY
RETAINED
FILL

EXISTING BATTERY
STREET TUNNEL
SEE FIGURE T-07

Blanchard St.

Western Ave.

2 LANES EACH WAY
SIDE-BY-SIDE
BRIDGE

Lenora St.

1st Ave.

Bell St.

Blanchard St.

2nd Ave.

3 LANES
EACH WAY
SIDE-BY-SIDE
BRIDGE

Virginia St.

Central
S. King To Battery
Street Tunnel

3 LANES
EACH WAY
RETAINED FILL

Stewart St.

Lenora St.

3rd Ave.

Pike St.

3 LANES
EACH WAY
RETAINED CUT
WITH LID

1st Ave.

4th Ave.

3 LANES
EACH WAY
CUT AND COVER
TUNNEL

Union St.

Virginia St.

2nd Ave.

5th Ave.

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 10:

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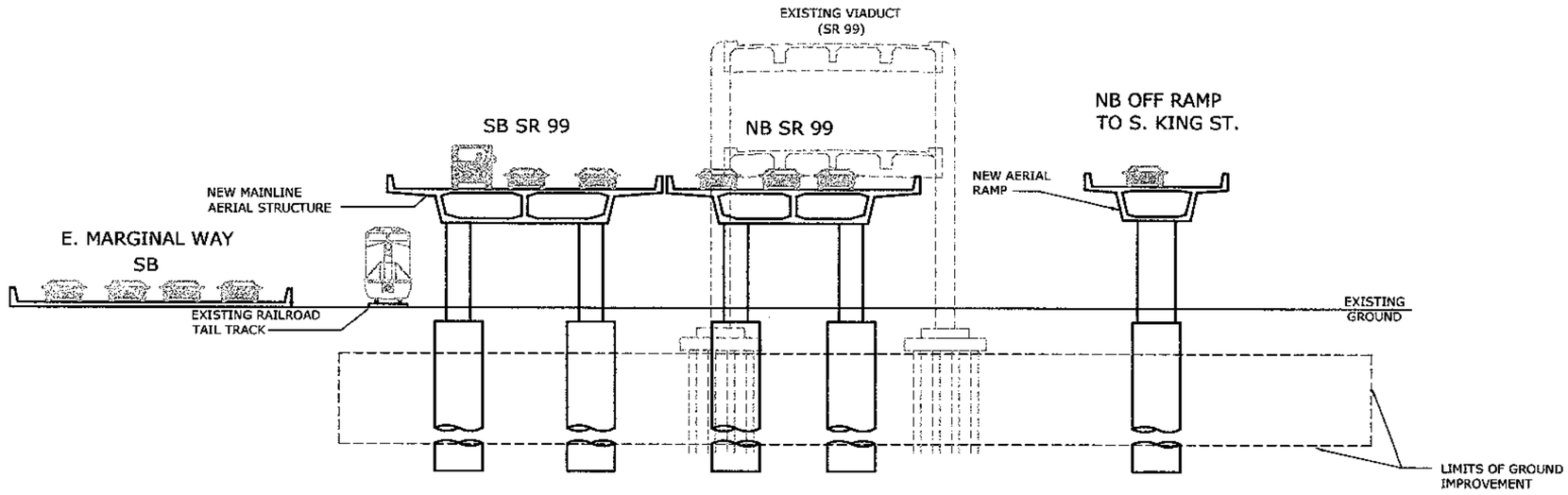
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

OPTION TO TUNNEL ALTERNATIVE
ELLIOTT AND WESTERN RAMPS

FIGURE NO
T-31

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-31.DWG



CROSS-SECTION B OPTION FROM FIGURE T-30

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
CROSS-SECTIONS, FROM FIGURE T-30

FIGURE NO
T-32

PLOTTING DATE : 020404 10:10

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-32.DWG

North Waterfront
Pike To Broad

Temporary Bridge
Connects To SB Tunnel

TEMPORARY BRIDGE OVER WESTERN AND ELLIOTT AND EXISTING BUILDINGS
2 LANES EACH WAY

BNSF
Railroad

Pike St.

Elliott Ave.

Western Ave.

Stewart St.

Virginia St.

Lenora St.

Blanchard St.

Bell St.

1st Ave.

2nd Ave.

3rd Ave

Pine St.

Battery St.

Temporary Bridge Connects
To Battery Street Tunnel

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 10:

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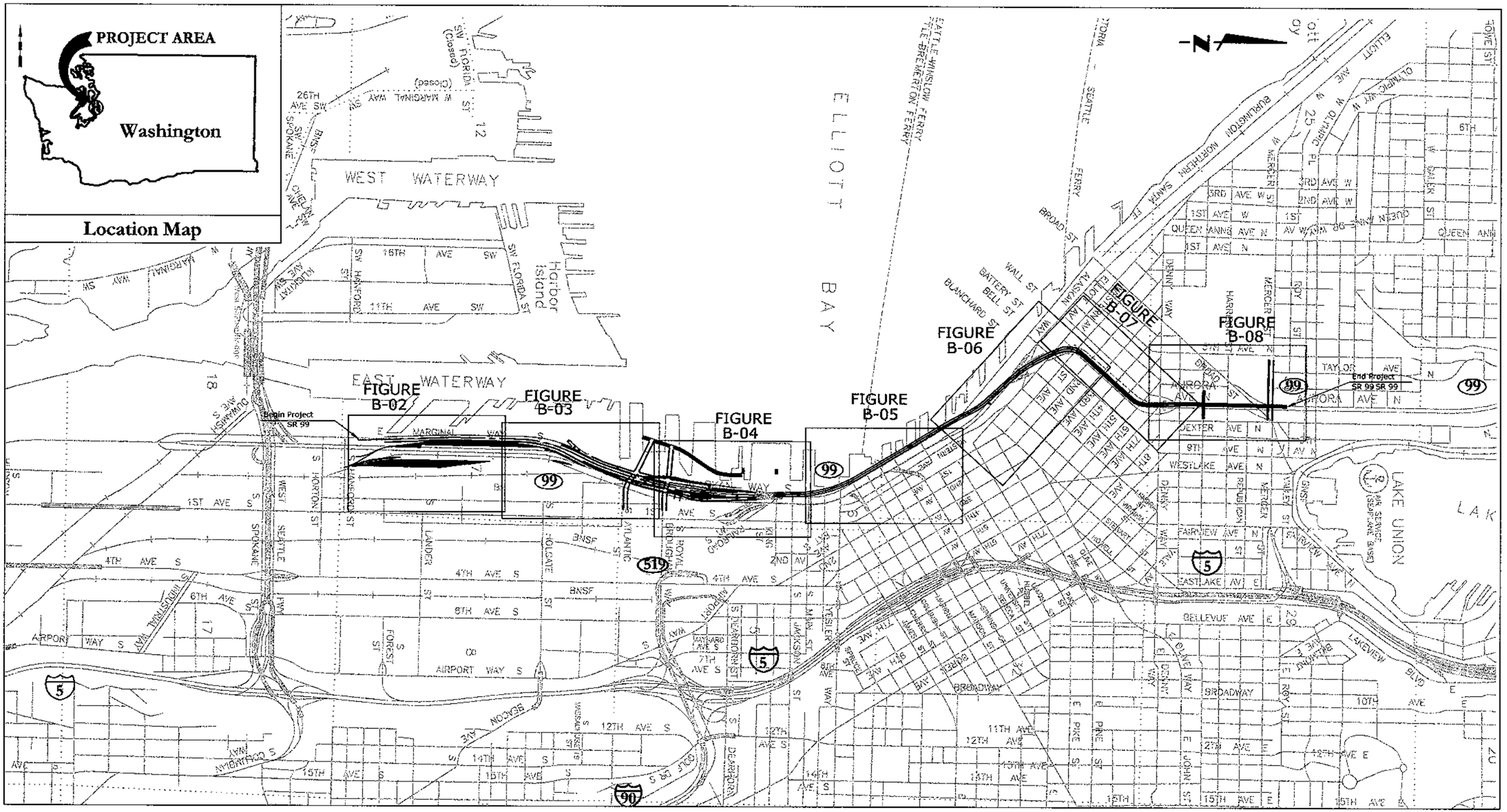
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

OPTION TO TUNNEL ALTERNATIVE
TEMPORARY BRIDGE PLAN

FIGURE NO
T-33

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\T\T-33.DWG

Alaskan Way Viaduct & Seawall Replacement Project



Bypass Alternative Vicinity Map

Not To Scale

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City of Seattle

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE VICINITY MAP

FIGURE NO
B-01

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-01.DWG

South
S. Spokane to S. King

N

3 LANES EACH WAY
AT GRADE

A See Figure B-11

MATCH EXISTING
BEGIN PROJECT

S. Hanford St.

E. Marginal Way S.

New Railroad Tracks

New Railroad Tracks

Existing Railroad Tracks

BNSF Sig Rail Yard

Utah Ave. S.

S. Hanford St.

S. Forest St.

1st Ave. S.

S. Lander

S. Stacy

S. Walker

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 10:

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
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BYPASS ALTERNATIVE
S. HANFORD TO S. WALKER

FIGURE NO
B-02

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-02.DWG

South
S. Spokane to S. King

3 LANES EACH WAY
AT GRADE

Existing Railroad Tracks

New Railroad Tracks

SB Ramp From S.Atlantic And S. Royal Brougham

2 LANES SB
3 LANES NB
AT GRADE
See Figure B-12

B

NB Ramp To S.Atlantic And S. Royal Brougham

Colorado Ave.

S. Walker St.

S. Holgate St.

S. Massachusetts St.

Atlantic St.

1st Ave. S.

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 10:

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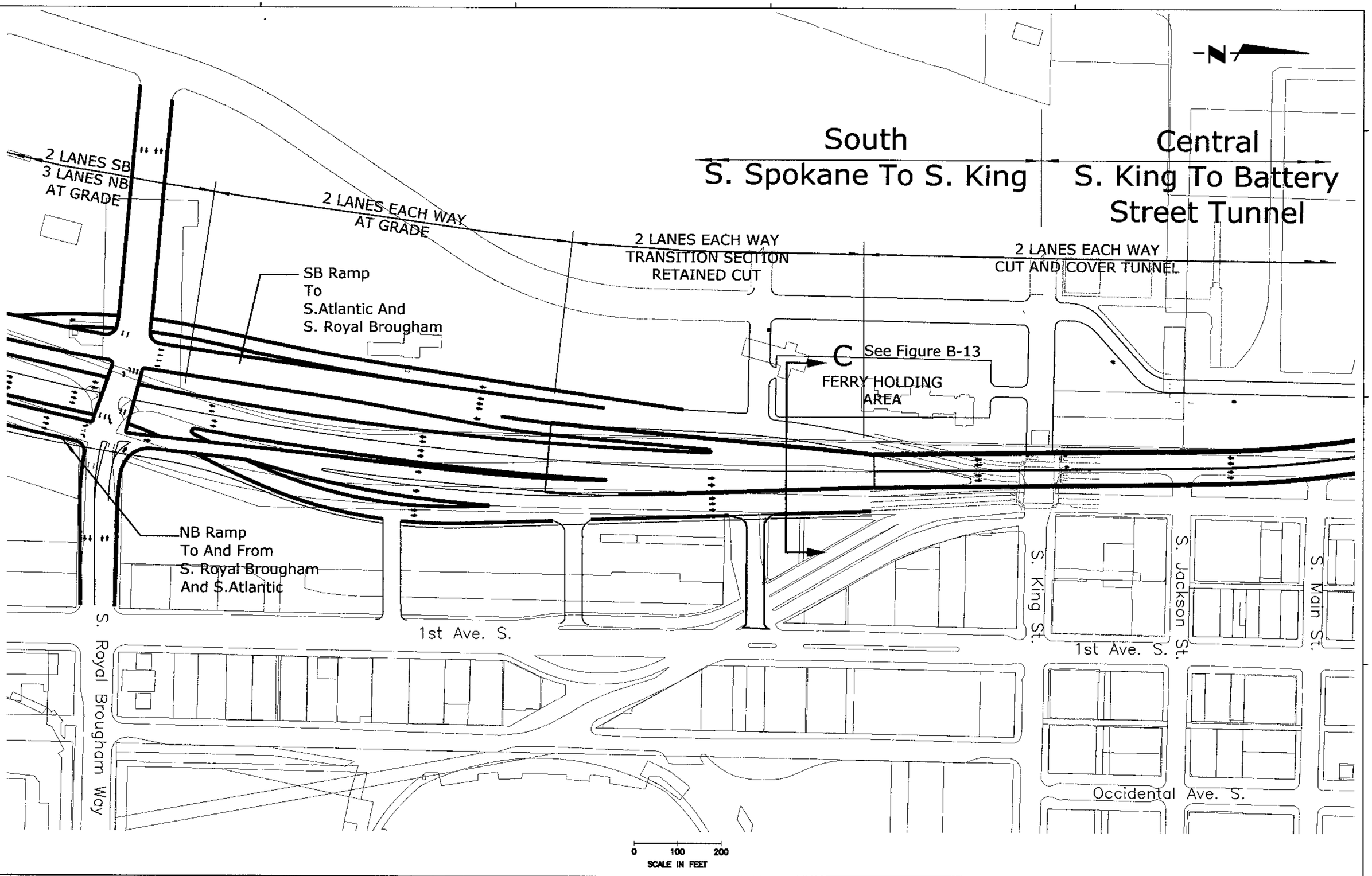
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE
S. WALKER TO S. ATLANTIC

FIGURE NO
B-03

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-03.DWG



PLOTTING DATE : 020404 10:

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE
S. ROYAL BROUGHAM TO S. MAIN

FIGURE NO
B-04

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-04.DWG

Central
S. King To Battery Street Tunnel

Elliott Bay

D See Figure B-14

See Urban Design Drawings
Expanded Colman Dock
Not In Project

Ferry Holding Area

2 LANES EACH WAY CUT AND COVER TUNNEL

Western Ave. St.

Union St.

University St.

Seneca St.

Spring St.

Madison St.

Marion St.

Columbia St.

Post

1st Ave.

2nd Ave.

3rd Ave.

4th Ave.

S. Main St.

S. Washington St.

1st Ave. S.

Yesler Way

0 100 200
SCALE IN FEET

PLOTTING DATE : 022304 08:

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE
S. MAIN TO UNION

FIGURE NO
B-05

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-05.DWG

Elliott Bay

North Waterfront
Pike To Broad

E See Figure B-15

F See Sheet B-16

BNSF RailRoad

Elliott Ave.

Western Ave.

Lenora St.

Bell St.

Blanchard St.

1st Ave.

2nd Ave.

3rd Ave.

4th Ave.

5th Ave.

1st Ave. Battery St. Ave.

2 LANES EACH WAY SIDE BY SIDE BRIDGE

EXISTING BATTERY STREET TUNNEL SEE FIGURE B-07

2 LANES EACH WAY RETAINED FILL

2 LANES EACH WAY CUT AND COVER TUNNEL

2 LANES EACH WAY RETAINED CUT WITH LID

Pike St.

Union St

Stewart St.

Virginia St.

Central
S. King To BST

N

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 10:

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SEATTLE, WA
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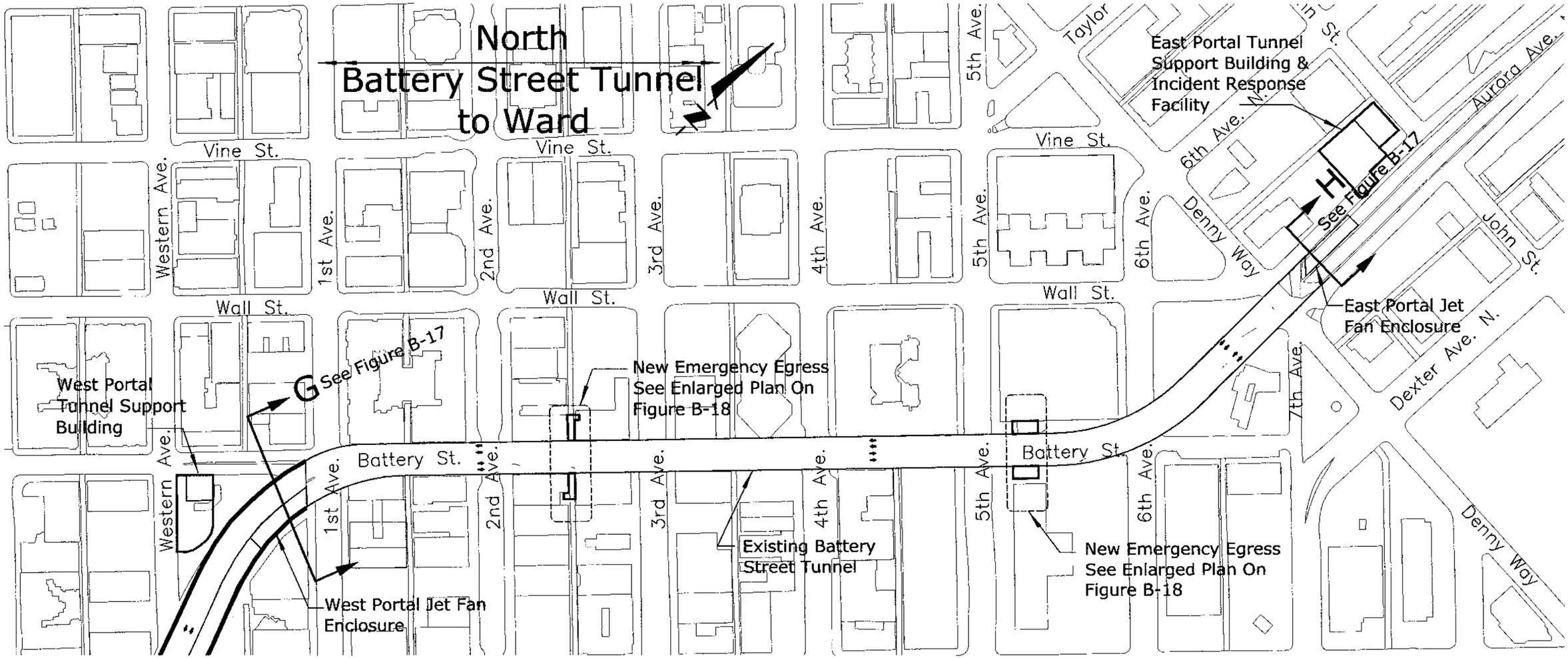
BYPASS ALTERNATIVE
PIKE TO BATTERY STREET TUNNEL

FIGURE NO
B-06

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-06.DWG



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BYPASS ALTERNATIVE
BATTERY STREET TUNNEL

FIGURE NO
B-07

PLOTTING DATE :

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-07.DWG

North
Battery Street Tunnel To Ward

Close Broad Street And Reconnect Street Grid

WIDEN MERCER FROM EXISTING 4 LANES TO 7 LANES

1 LANE EACH WAY THOMAS STREET BRIDGE

EXISTING BATTERY STREET TUNNEL SEE FIGURE B-07

See Figure B-19

Cedar St.
5th Ave.
Vine St.
6th Ave.
7th Ave.
Denny Way
John St.
Thomas St.
Harrison St.
Republican St.
Broad St.
Mercer St.
Roy St.
Valley St.
5th Ave. N.
Taylor Ave. N.
6th Ave. N.
Aurora Ave. N.
Dexter Ave. N.
8th Ave. N.

0 100 200
SCALE IN FEET

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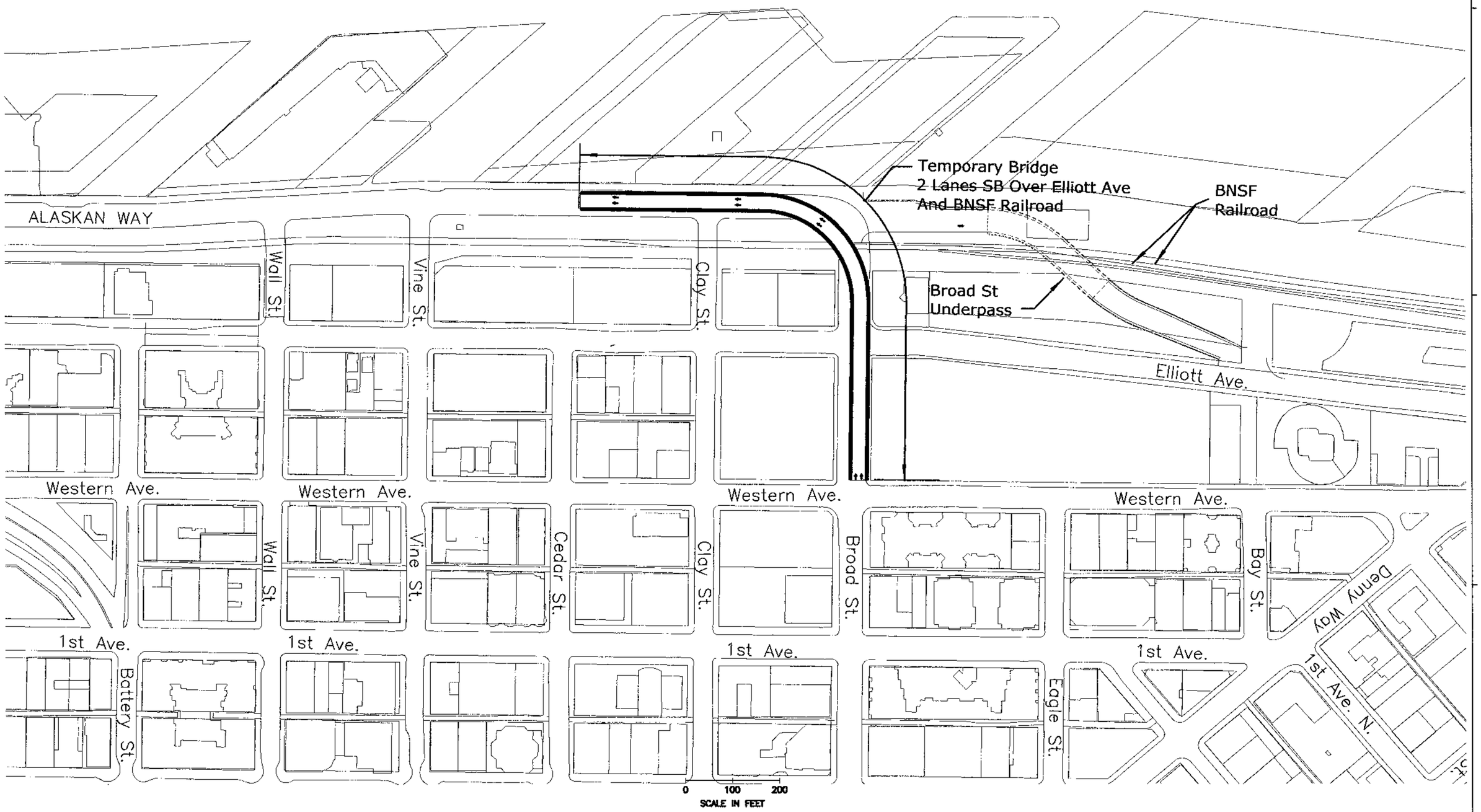
BYPASS ALTERNATIVE
RECONNECTION OF STREET GRID & BROAD STREET CLOSURE

FIGURE NO
B-08

PLOTTING DATE : 020404 10:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-08.DWG

North Waterfront
Pike To Broad



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BYPASS ALTERNATIVE
BROAD STREET DETOUR GRADE SEPARTATION

FIGURE NO
B-09

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-09.DWG

Temporary Bridge Connects To Existing Viaduct SR99

TEMPORARY BRIDGE OVER WESTERN, ELLIOTT AND EXISTING BUILDINGS
2 LANES EACH WAY

STACKED AERIAL

SIDE-BY-SIDE AERIAL

BNSF Railroad

Pike St.

Elliott Ave.

Western Ave.

Stewart St.

Virginia St.

Lenora St.

Blanchard St.

Bell St.

Temporary Bridge Connects To Battery Street Tunnel

1st Ave.

2nd Ave.

Pine St.

Battery St.

0 100 200
SCALE IN FEET

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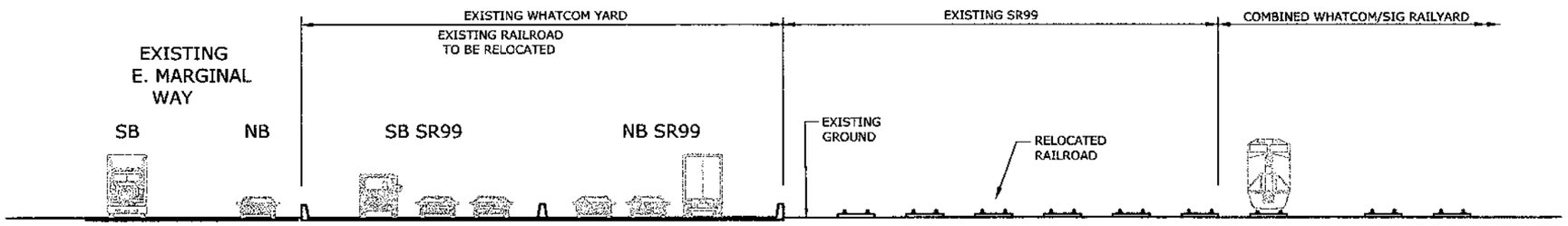
BYPASS ALTERNATIVE OPTION
TEMPORARY BRIDGE PLAN

FIGURE NO
B-10

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-10.DWG



CROSS-SECTION A FROM FIGURE B-02

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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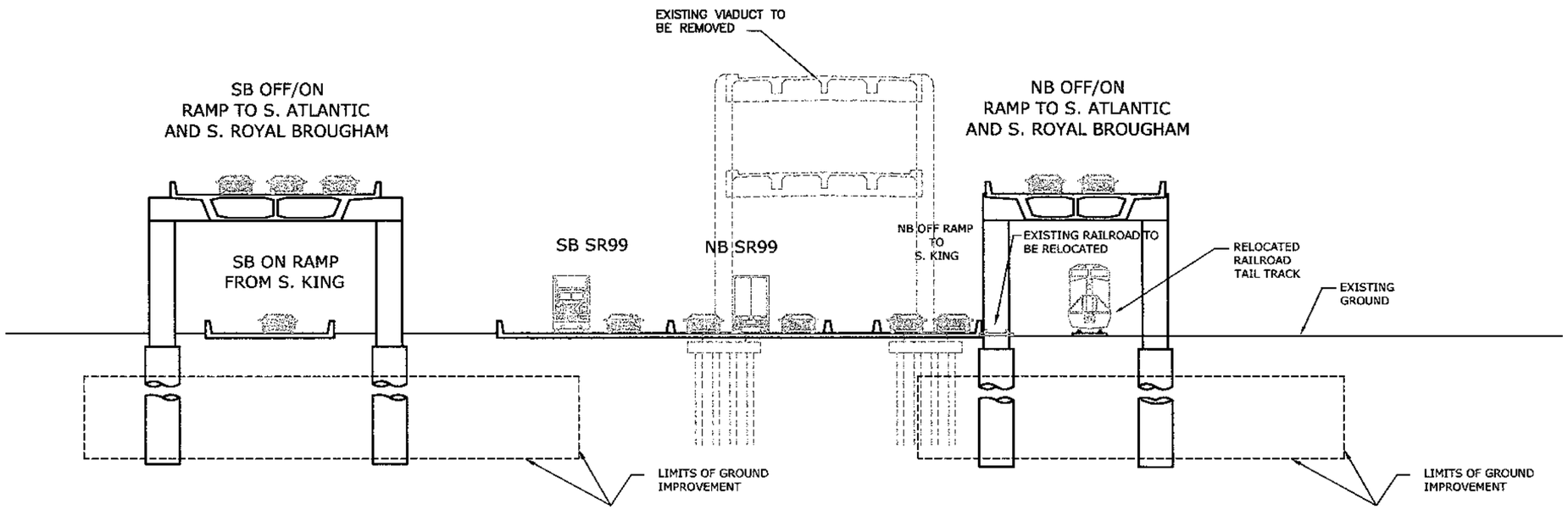
BYPASS ALTERNATIVE
CROSS-SECTION, FROM FIGURE B-02

FIGURE NO
B-11

PLOTTING DATE : 020404 10:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-11.DWG



CROSS-SECTION B FROM PLAN SHEET B-03

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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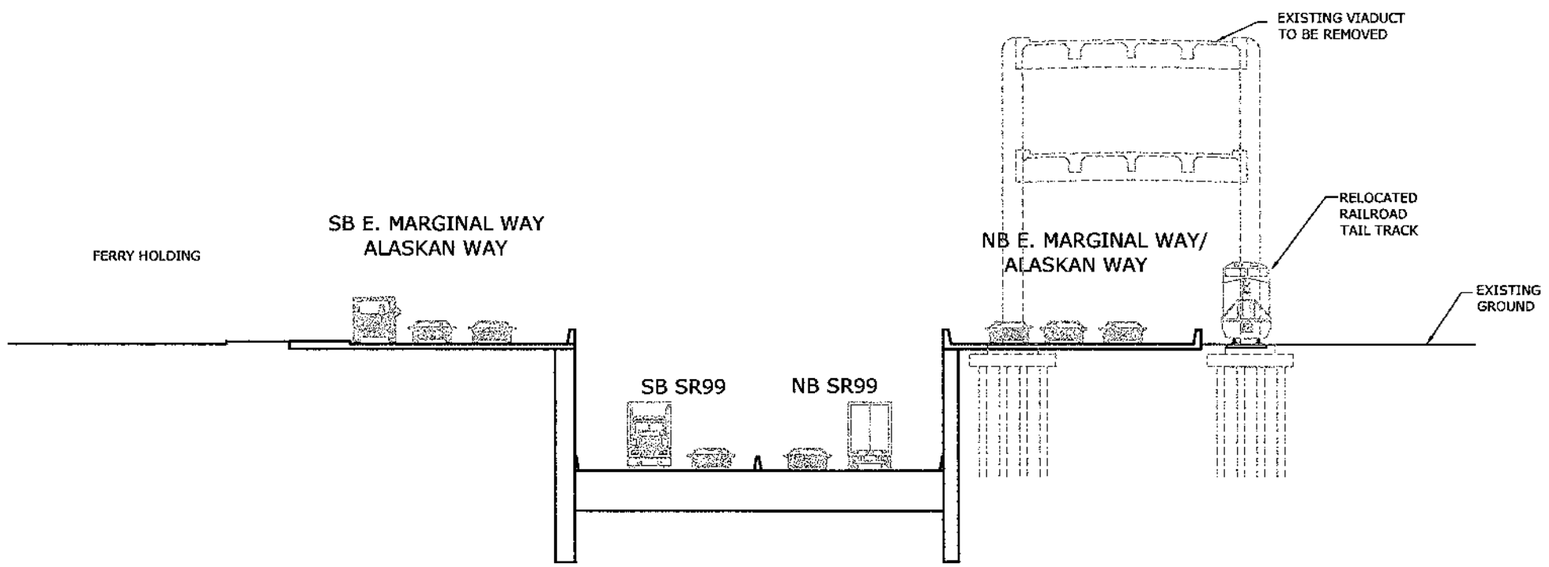
BYPASS ALTERNATIVE
CROSS-SECTION, FROM FIGURE B-03

FIGURE NO
B-12

PLOTTING DATE : 020404 10:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-12.DWG



CROSS-SECTION C FROM FIGURE B-04

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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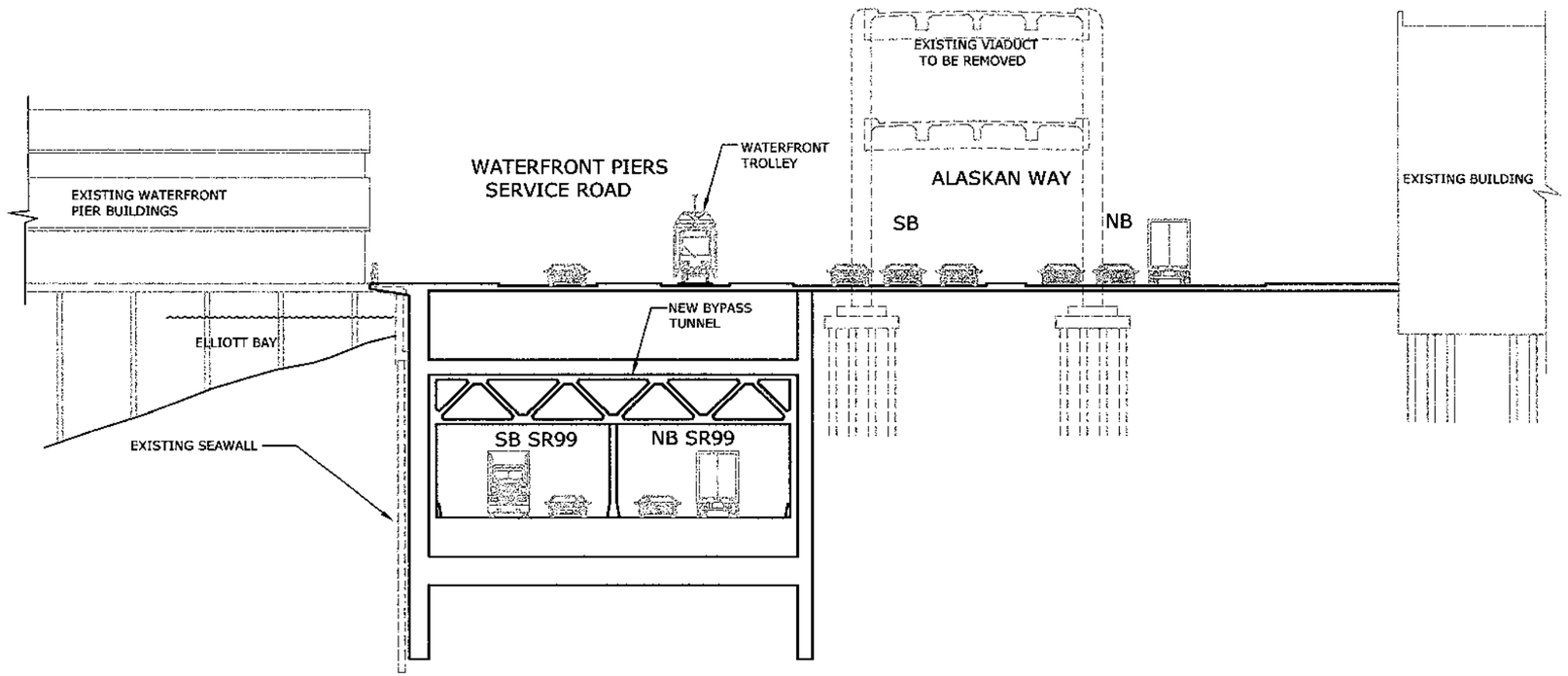
BYPASS ALTERNATIVE
CROSS-SECTION, FROM FIGURE B-04

FIGURE NO
B-13

PLOTTING DATE : 020404 10:37

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-13.DWG



CROSS-SECTION D FROM FIGURE B-05

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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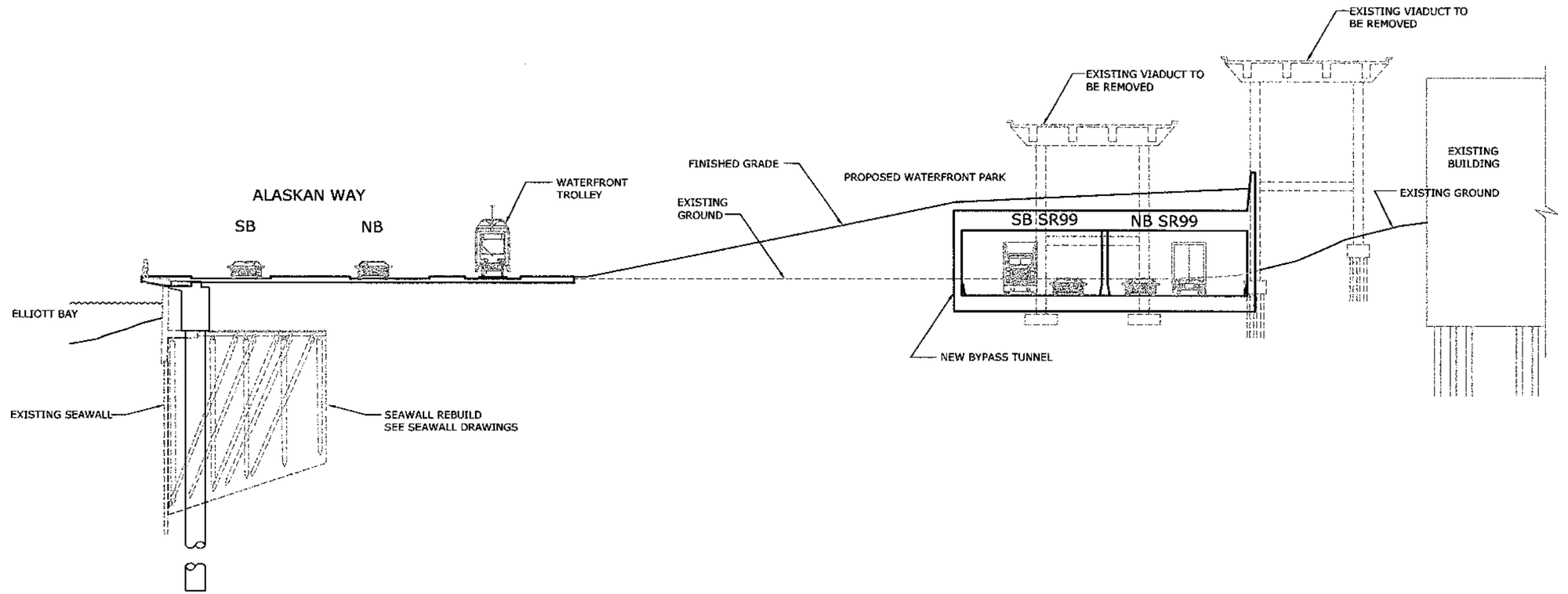
BYPASS ALTERNATIVE
CROSS-SECTION, FROM FIGURE B-05

FIGURE NO
B-14

PLOTTING DATE : 020404 10:37

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-14.DWG



CROSS-SECTION E FROM FIGURE B-06

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

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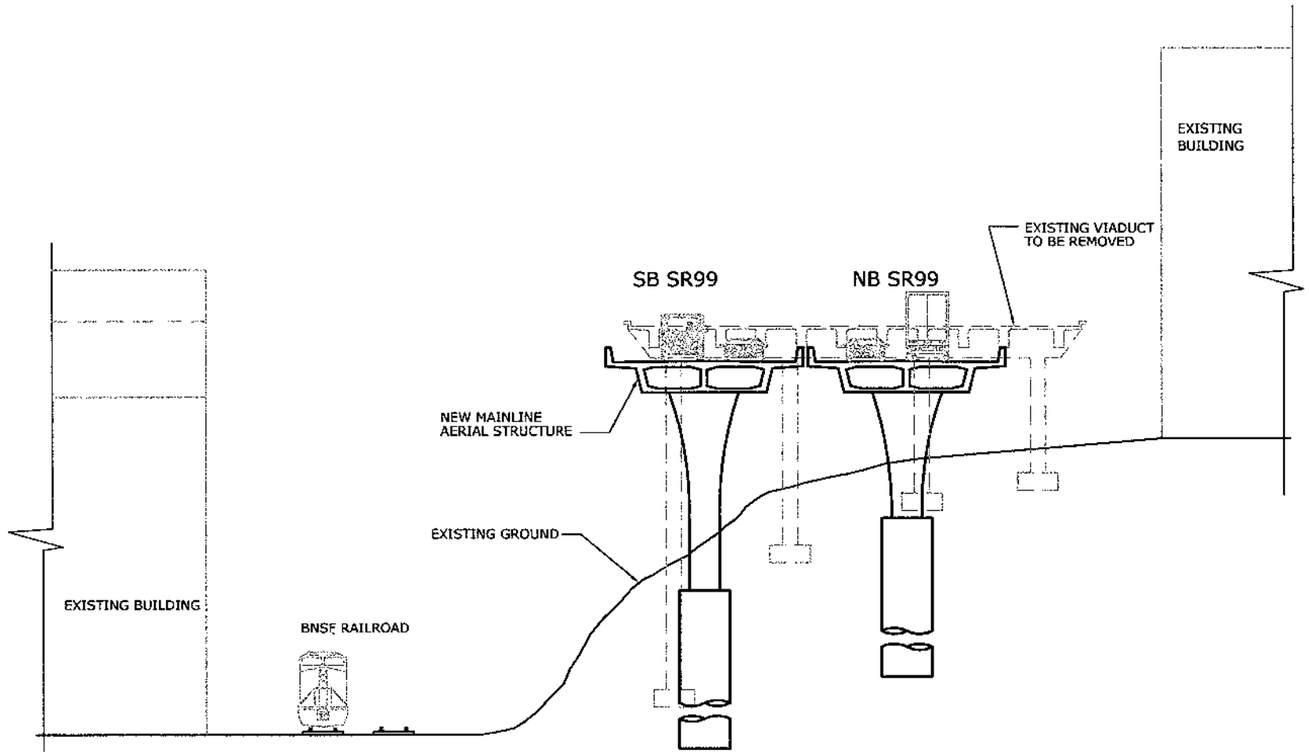
BYPASS ALTERNATIVE
CROSS-SECTION, FROM FIGURE B-06

FIGURE NO
B-15

PLOTTING DATE : 020404 10:38

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-15.DWG



CROSS-SECTION F FROM FIGURE B-06

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

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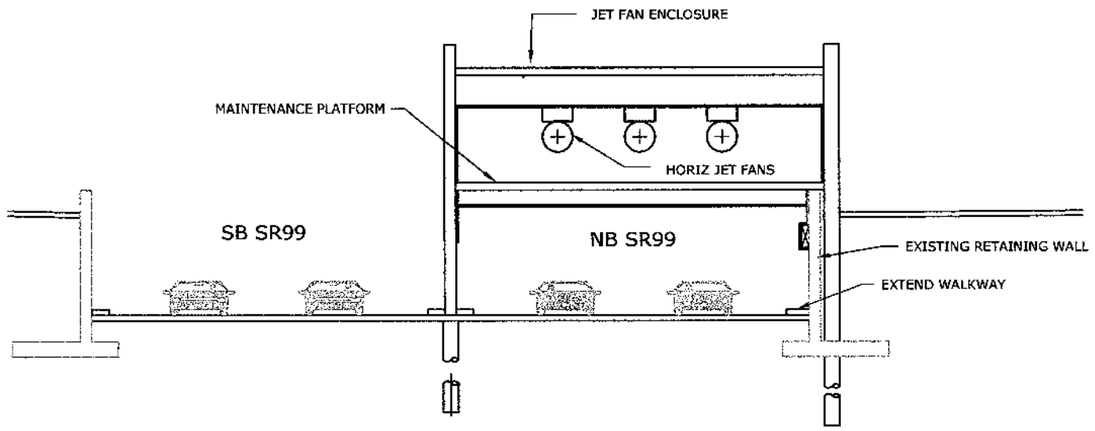
BYPASS ALTERNATIVE
CROSS-SECTION, FROM FIGURE B-06

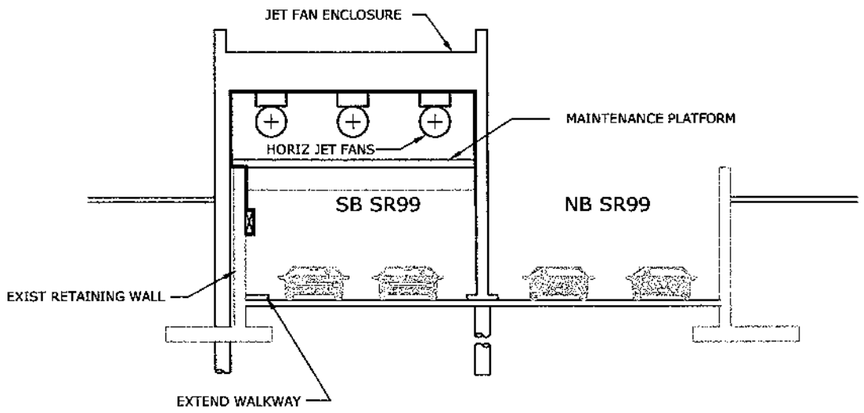
FIGURE NO. B-16

PLOTTING DATE : 020404 10:

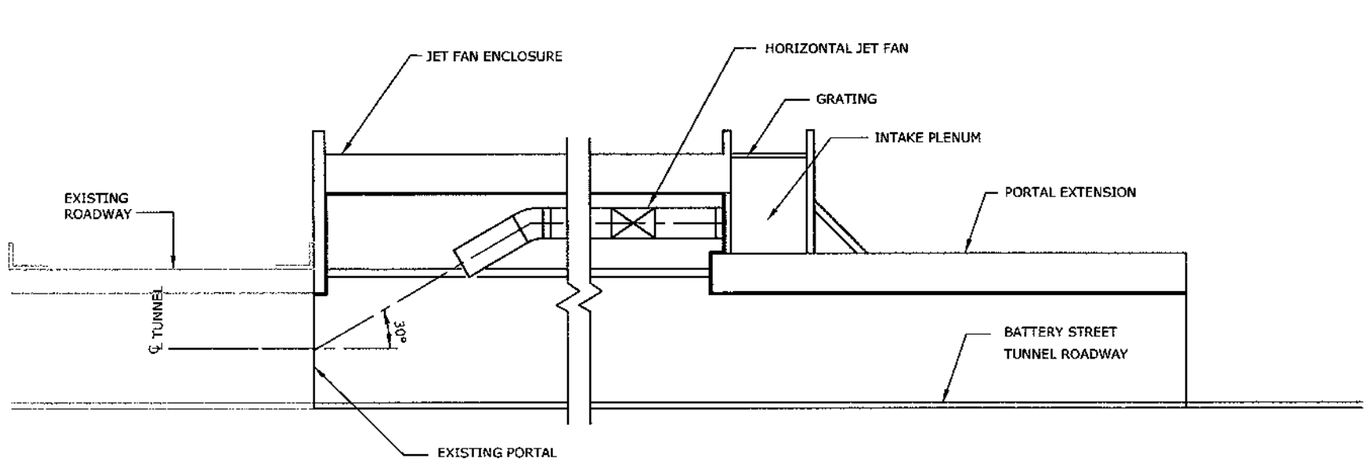
FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-16.DWG



CROSS-SECTION G FROM FIGURE B-07
WEST PORTAL JET FAN ENCLOSURE



CROSS-SECTION H FROM FIGURE B-07
EAST PORTAL JET FAN ENCLOSURE



JET FAN ENCLOSURE LONGITUDINAL SECTION

GRAPHIC SCALE
0 10 20 30 40 60
SCALE IN FEET

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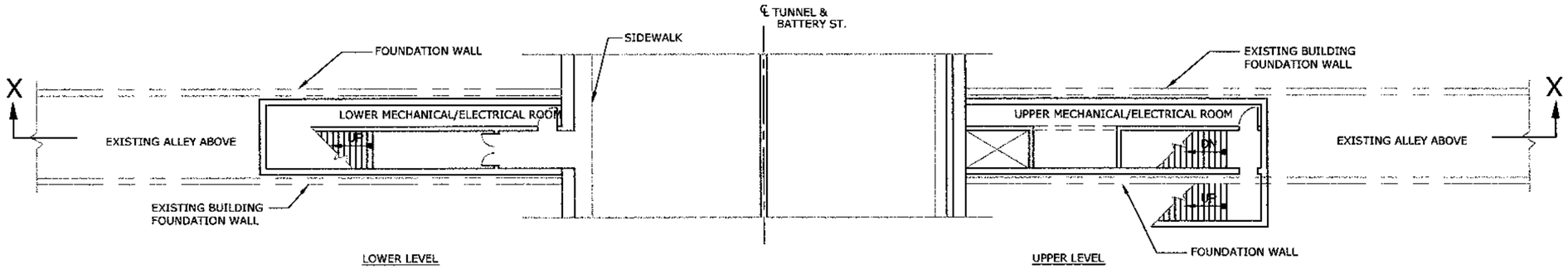
BYPASS ALTERNATIVE
CROSS-SECTIONS,FROM FIGURE B-07

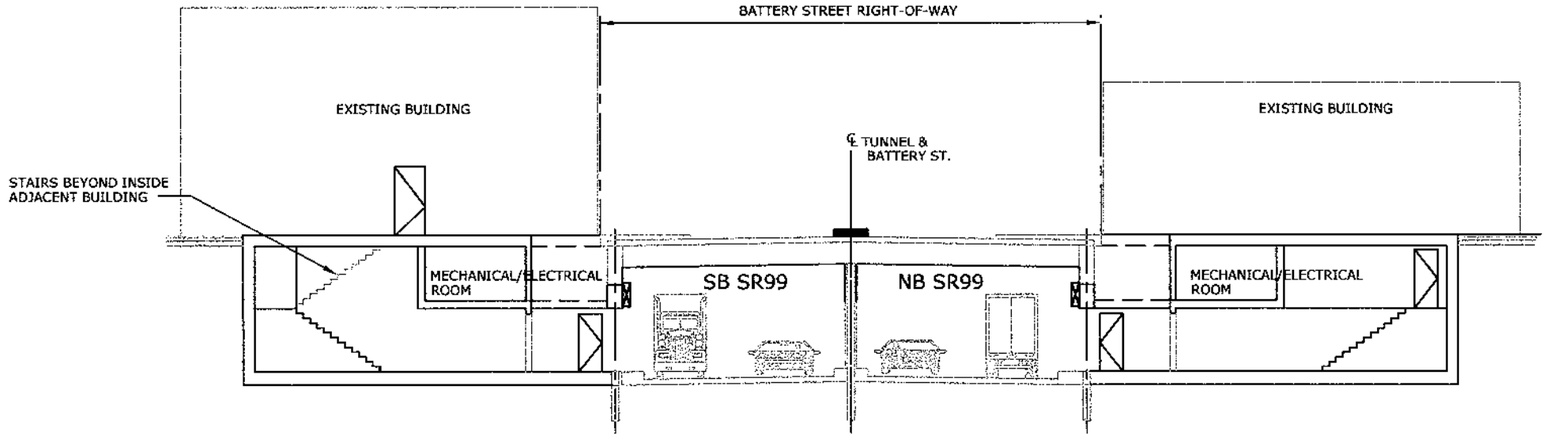
FIGURE NO
B-17

PLOTTING DATE : 020404 10:38

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-17.DWG



ENLARGED PLAN FROM FIGURE B-07
BATTERY STREET TUNNEL : PLAN AT EMERGENCY EGRESS



CROSS-SECTION X FROM ABOVE FIGURE
BATTERY STREET TUNNEL : SECTION AT EMERGENCY EGRESS

GRAPHIC SCALE
0 10 20 30 40 60
SCALE IN FEET

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BYPASS ALTERNATIVE
ENLARGED PLANS FROM FIGURE B-07

FIGURE NO
B-18

PLOTTING DATE : 020404 10:39

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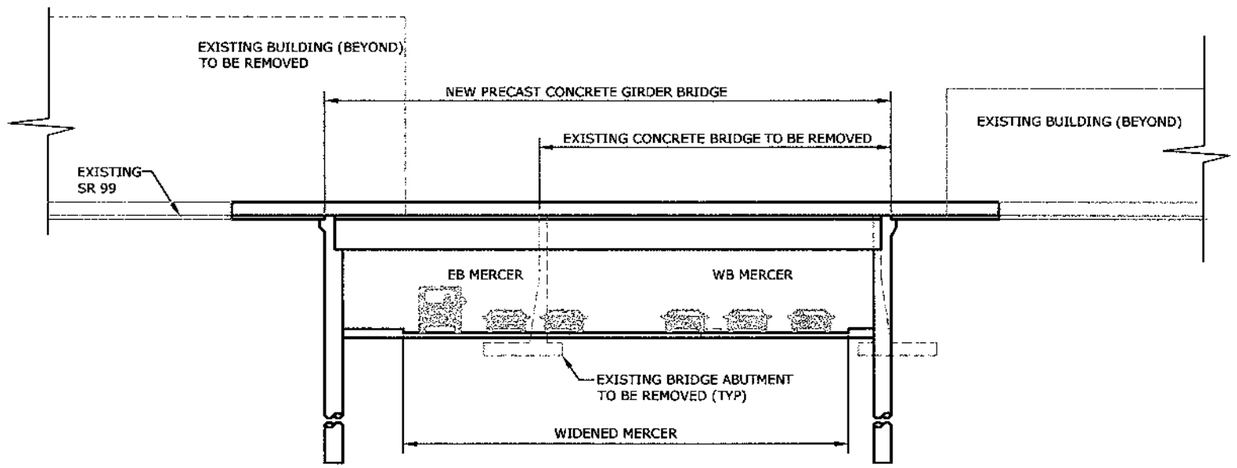

CROSS-SECTION J FROM FIGURE B-08

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
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CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
CROSS-SECTIONS, FROM FIGURE T-08

FIGURE NO
B-19

PLOTTING DATE : 020404 11:01

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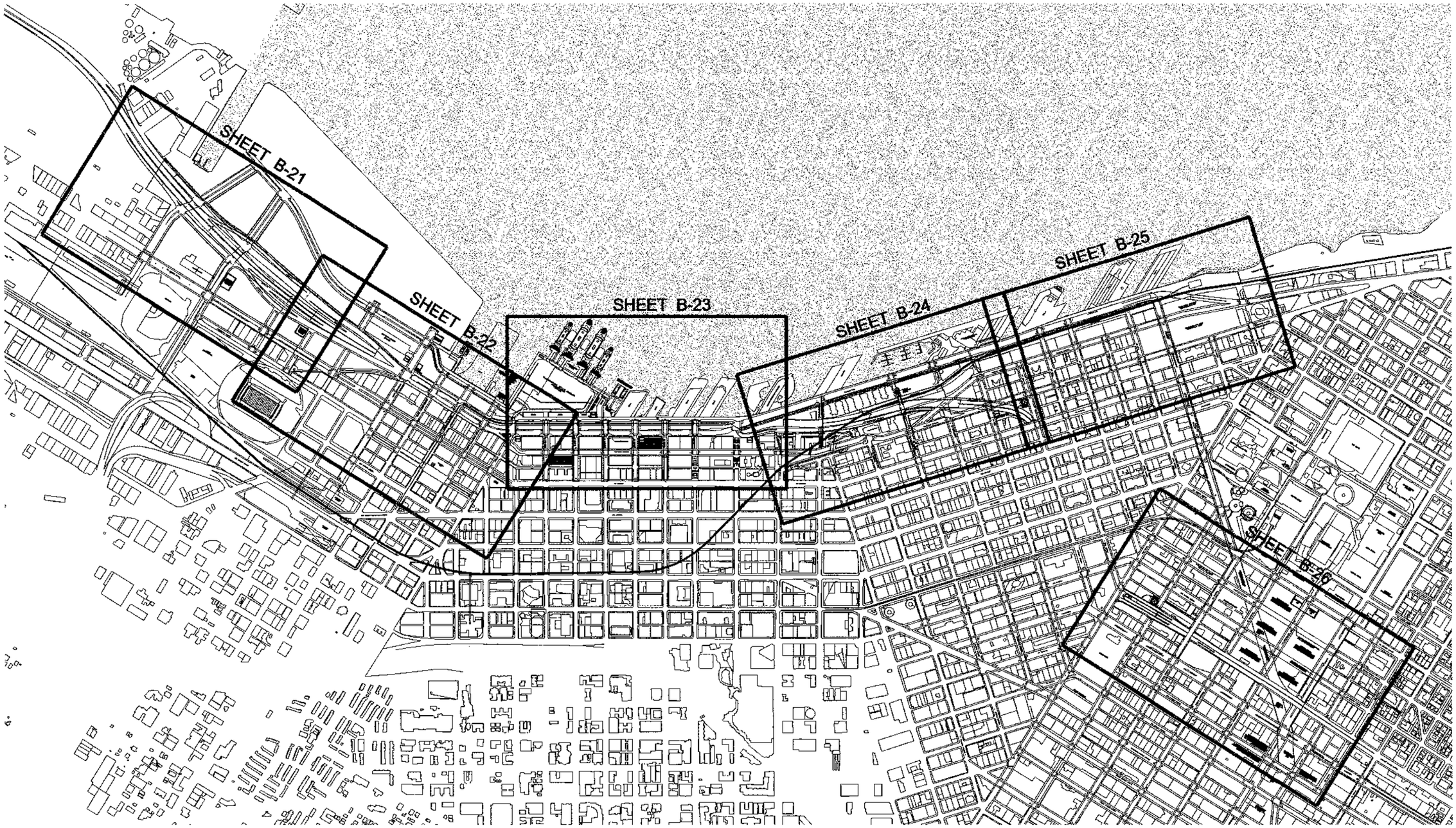

0 100 200
SCALE IN FEET

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

NOTE:
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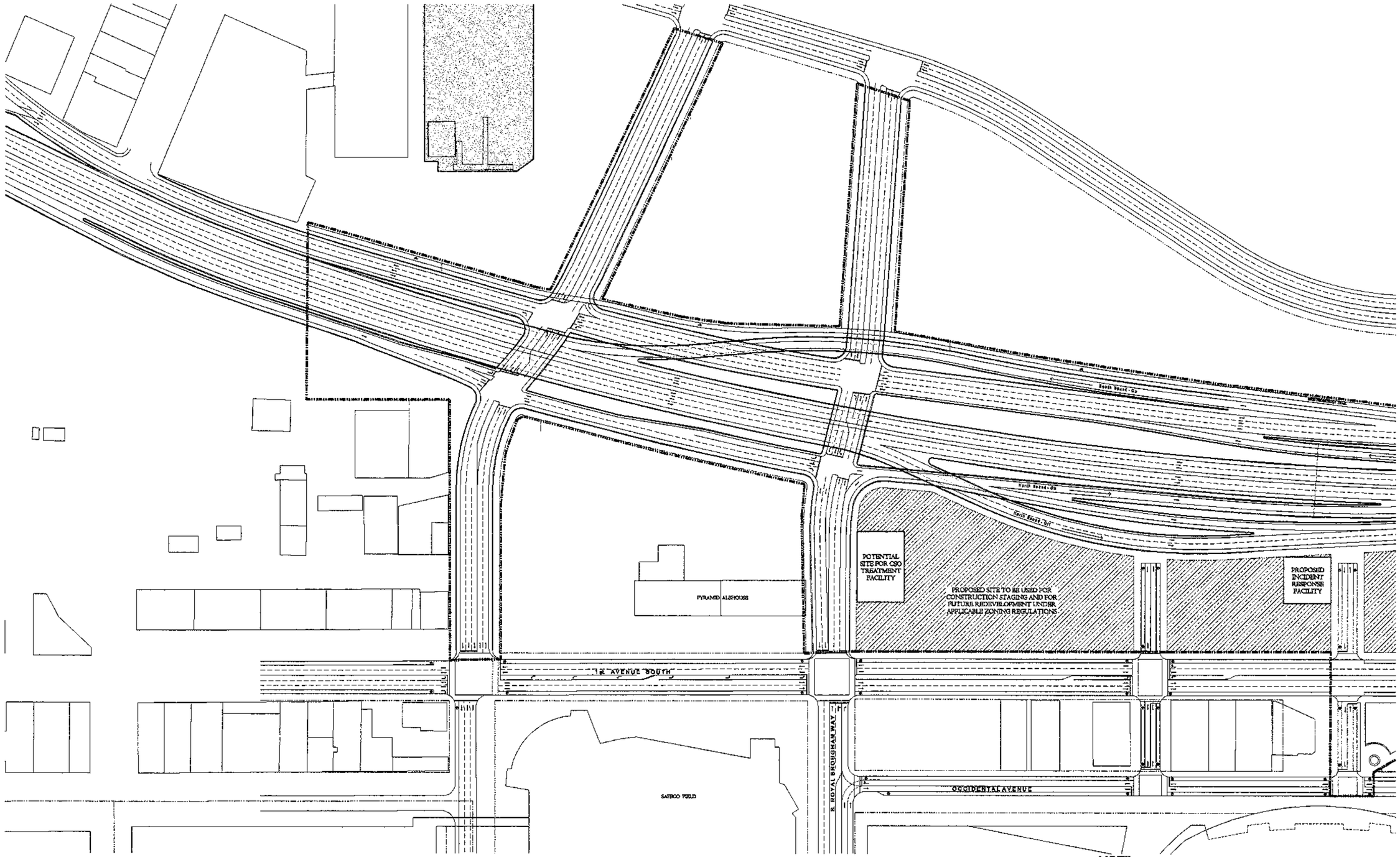
BYPASS ALTERNATIVE
KEY PLAN

SHEET FIGURE NO
B-20

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\BYPASS\ORIGINAL\BP-KEYPLAN.DWG



NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

NOTE:
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SEATTLE, WA

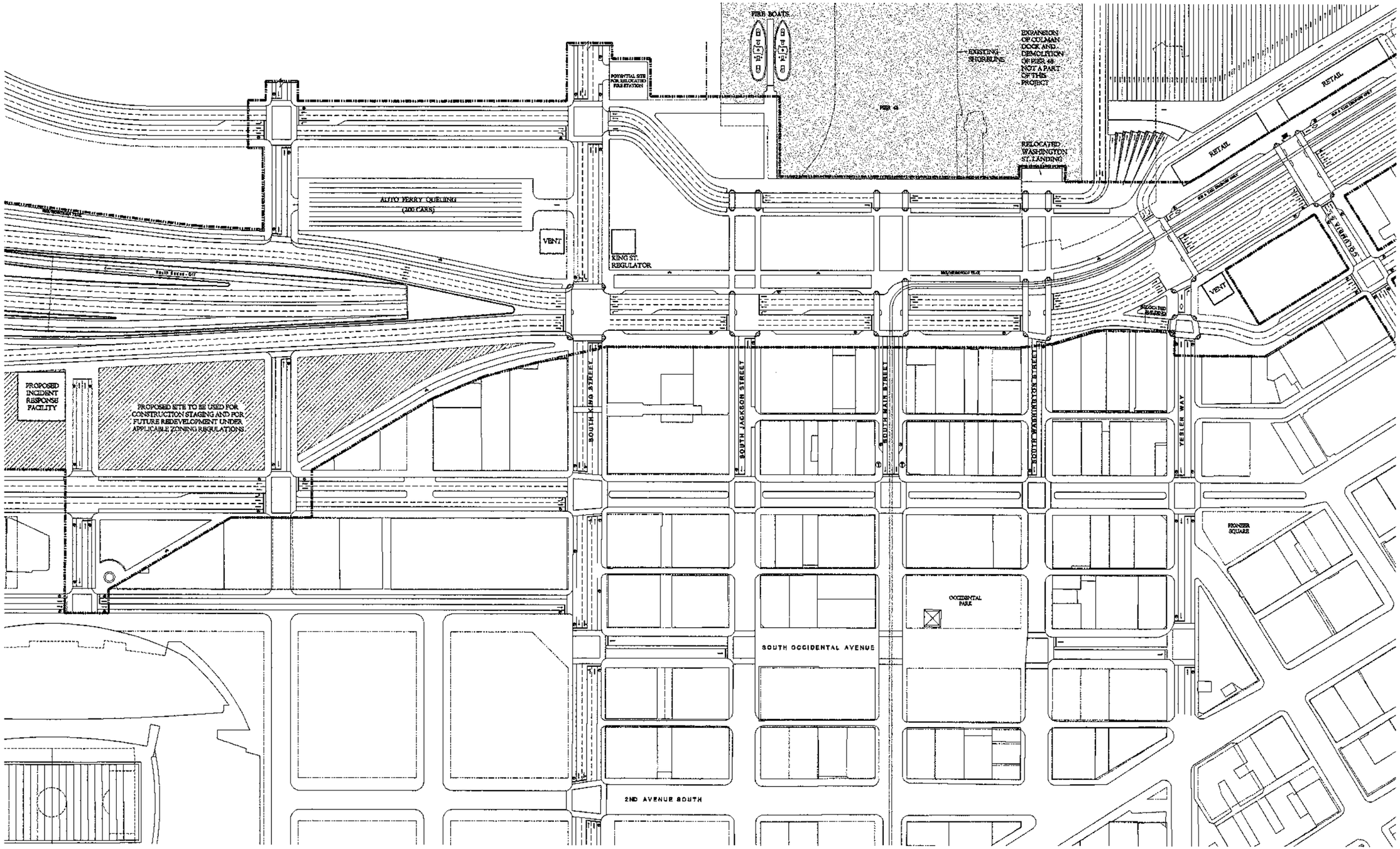
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE
S. ATLANTIC TO RAILROAD WAY SOUTH

SHEET FIGURE NO
B-21

PLOTTING DATE : 030204

FILENAME: \\04\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\BYPASS\ORIGINAL\BP-SOUTH.DWG



NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

0 100 200
SCALE IN FEET

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SEATTLE, WA
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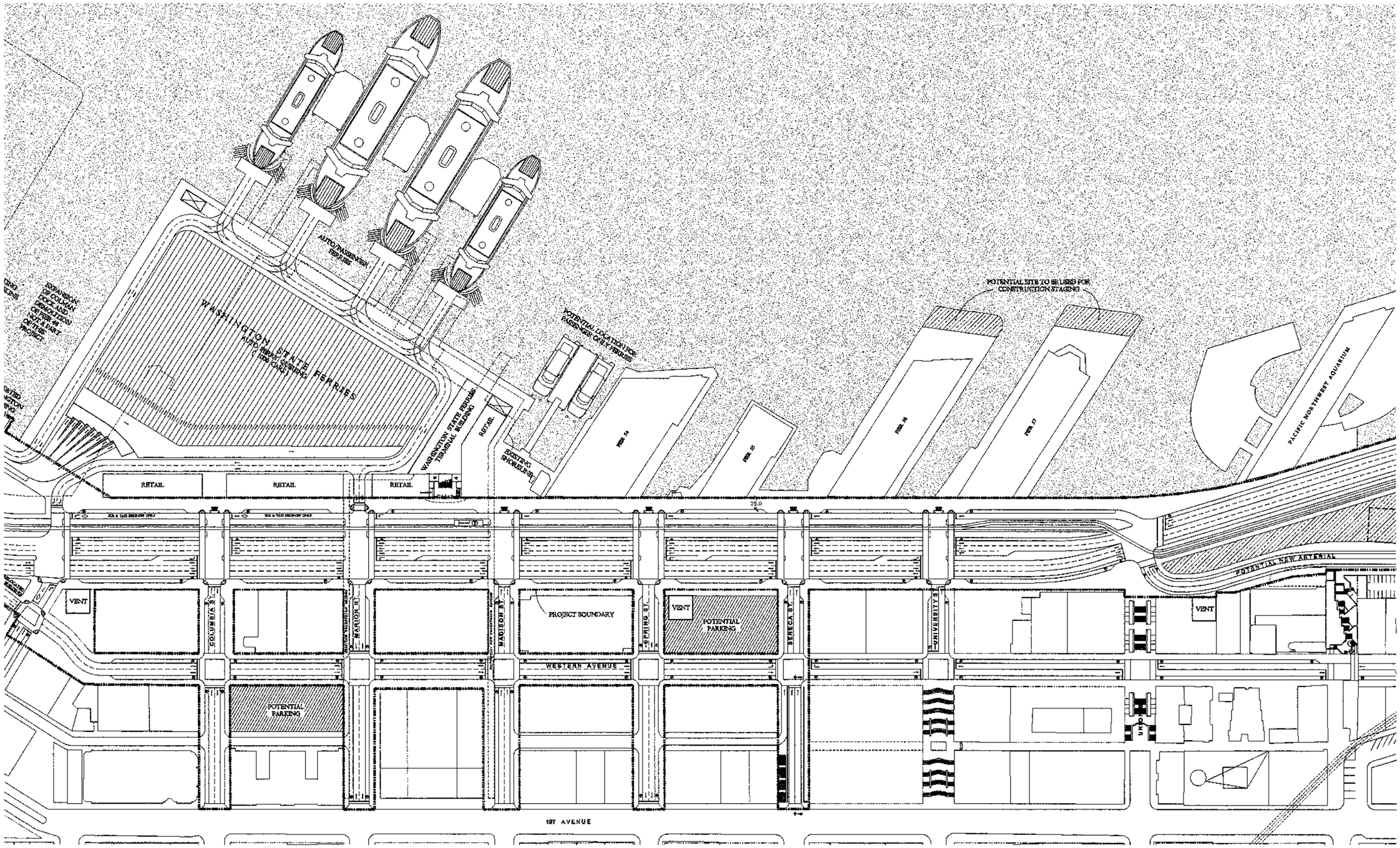
BYPASS ALTERNATIVE
RAILROAD WAY SOUTH TO YESLER

SHEET FIGURE NO
B-22

PLOTTING DATE : 030204

FILENAME: :\\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\BYPASS\ORIGINAL\BP-SOUTH.DWG



NOTE:
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0 100 200
SCALE IN FEET

NOTE:
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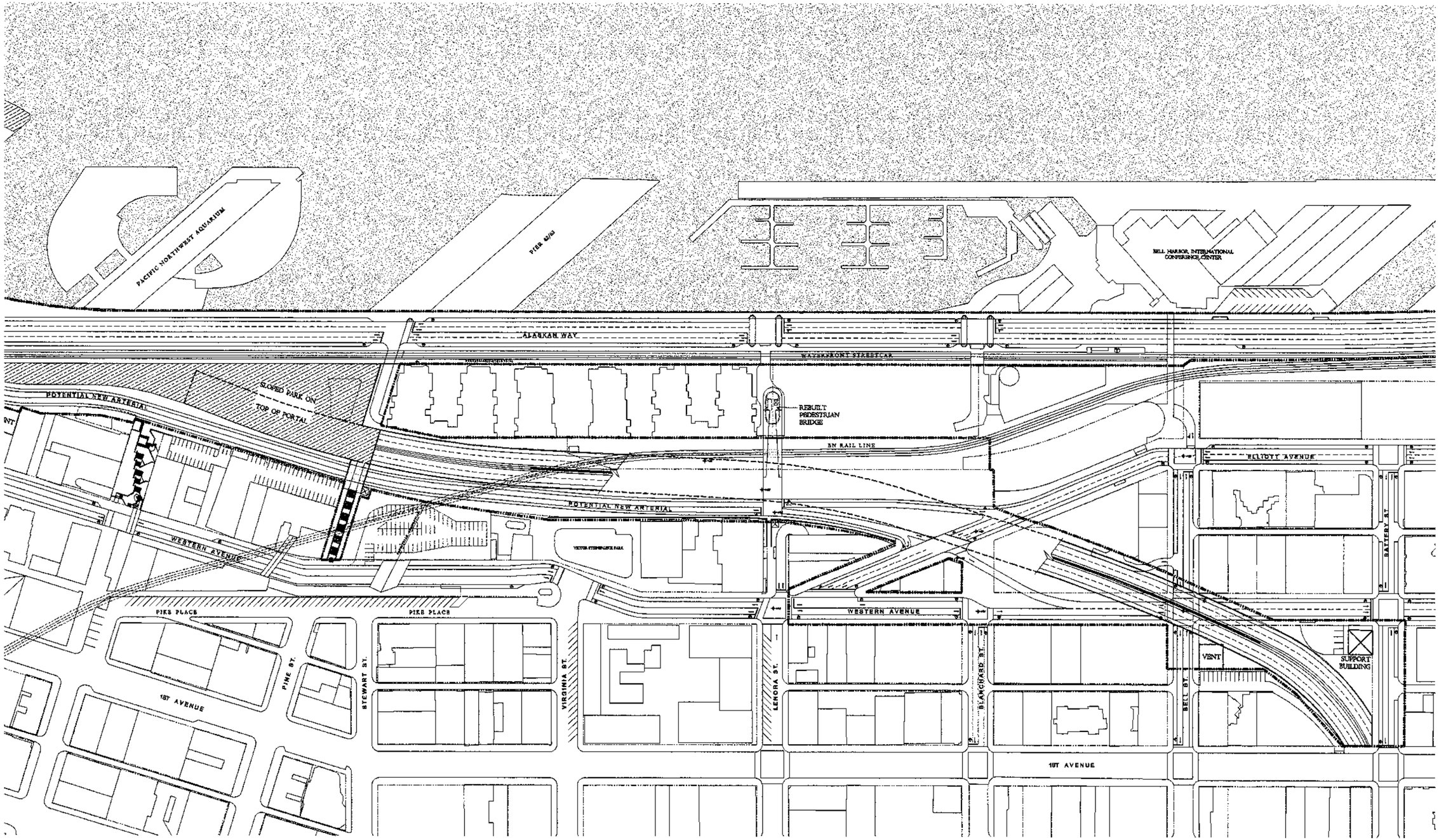
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE
YESLER TO PIKE

SHEET FIGURE NO
B-23

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\BYPASS\ORIGINAL\BP.DWG



PLOTTING DATE : 030204

0 100 200
SCALE IN FEET

NOTE:
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NOTE:
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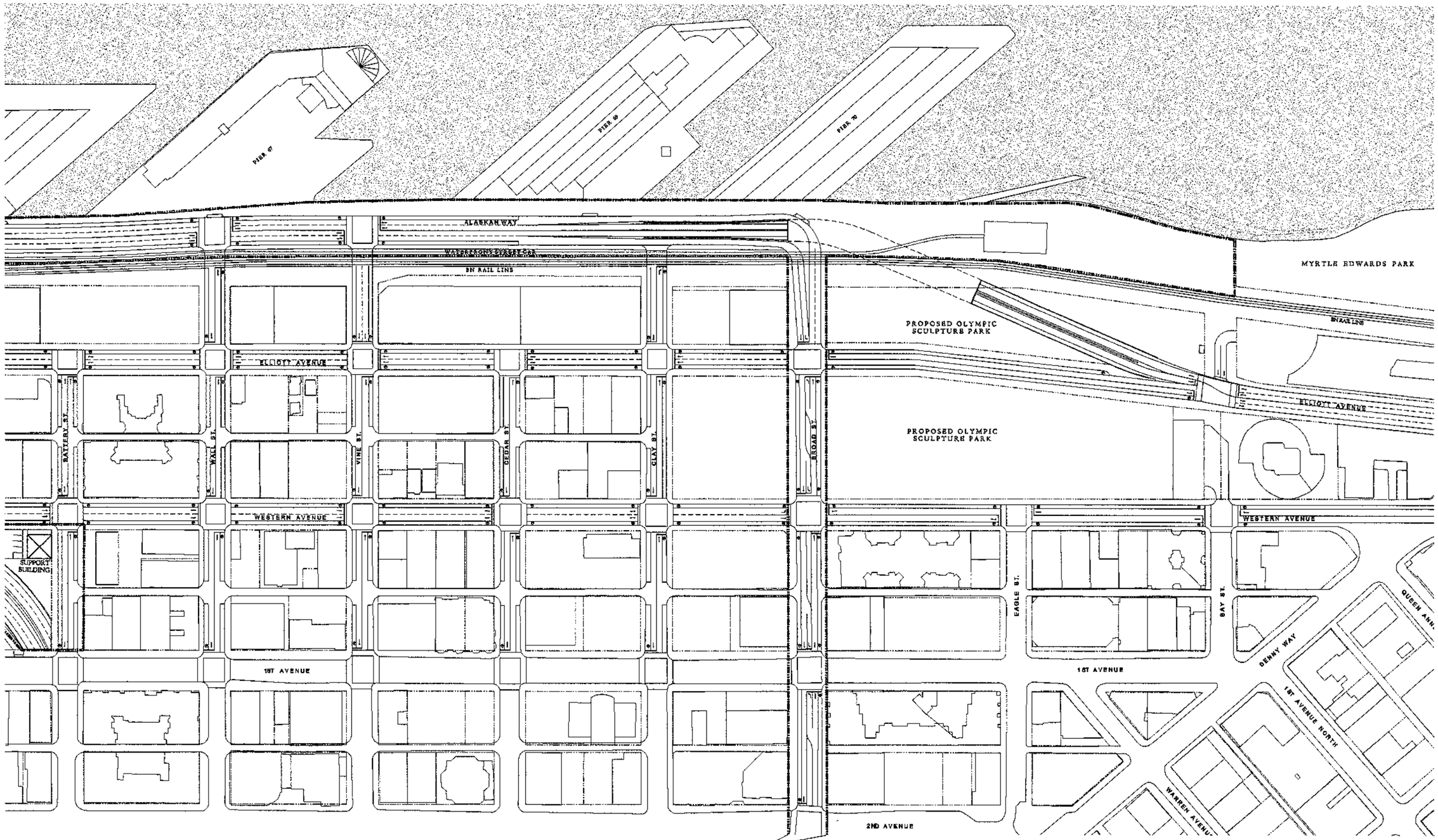
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE
PIKE TO BATTERY

SHEET FIGURE NO
B-24

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\BYPASS\ORIGINAL\BP.DWG



NOTE:
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NOTE:
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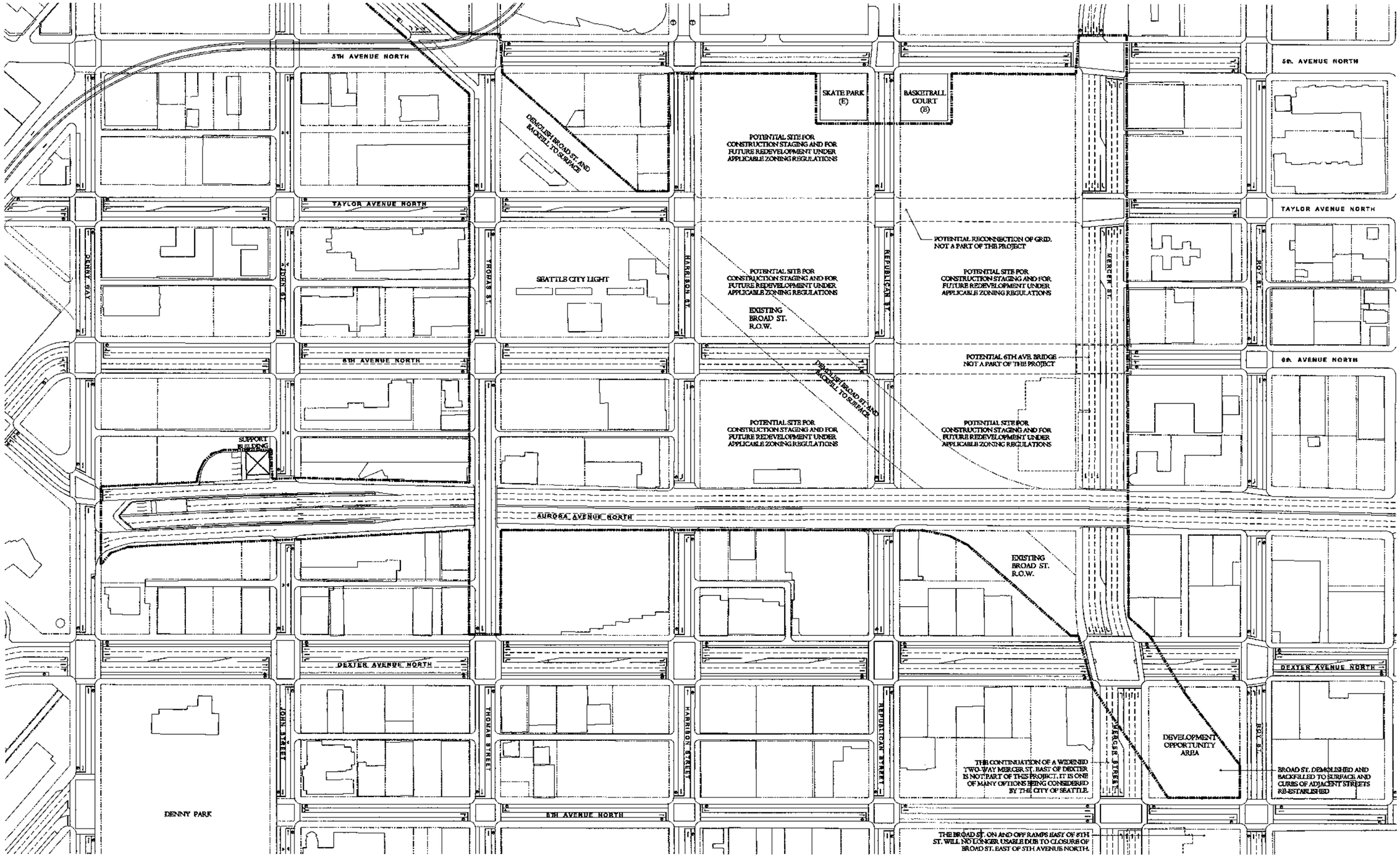
BYPASS ALTERNATIVE
BATTERY TO SCULPTURE PARK

SHEET FIGURE NO
B-25

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\BYPASS\ORIGINAL\BP.DWG



NOTE:
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0 100 200
SCALE IN FEET

NOTE:
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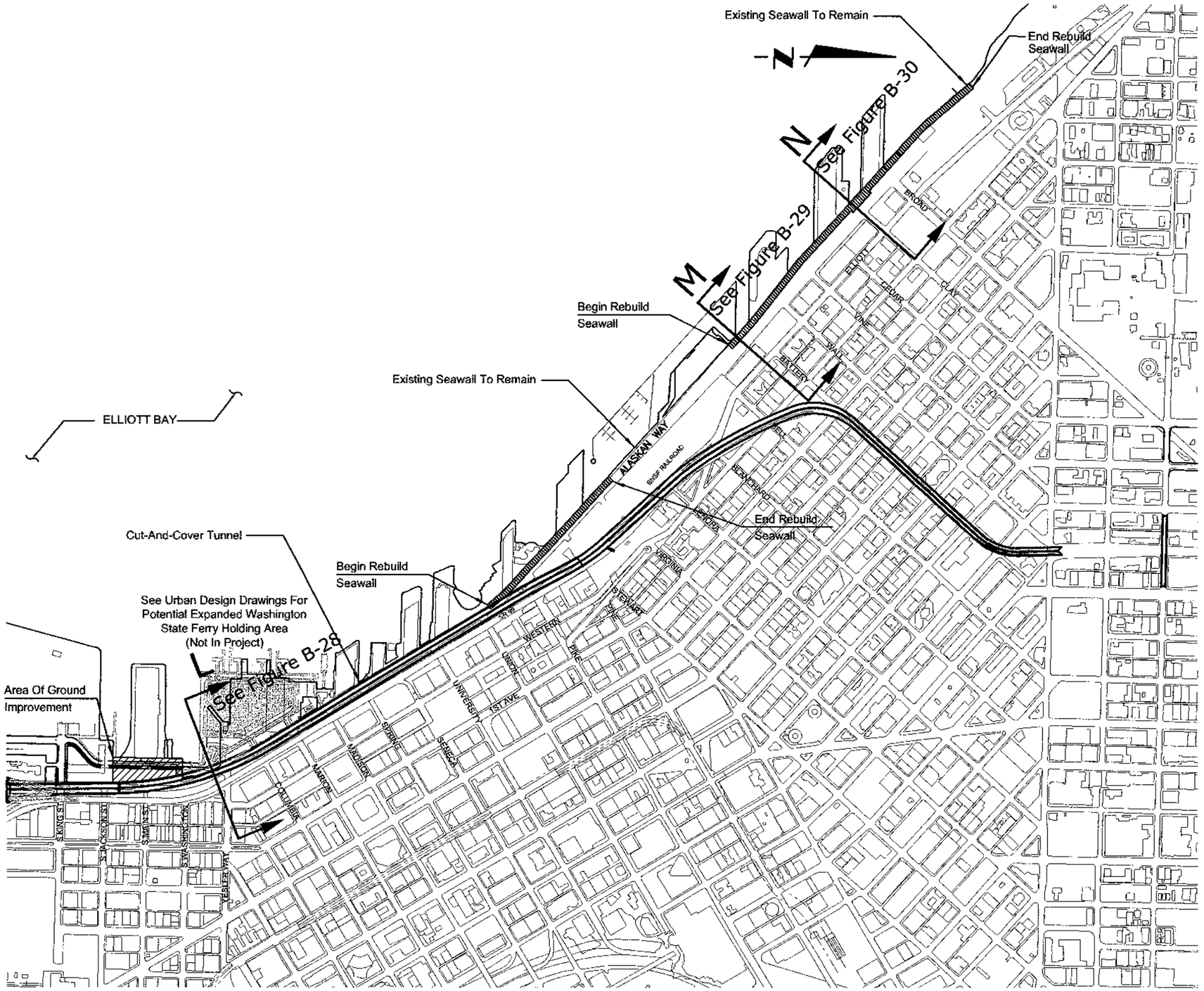
BYPASS ALTERNATIVE
NORTH OF THE BATTERY STREET TUNNEL

SHEET FIGURE NO
B-26

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\BYPASS\ORIGINAL\BP-SLU.DWG



PLOTTING DATE : 020404 10:55

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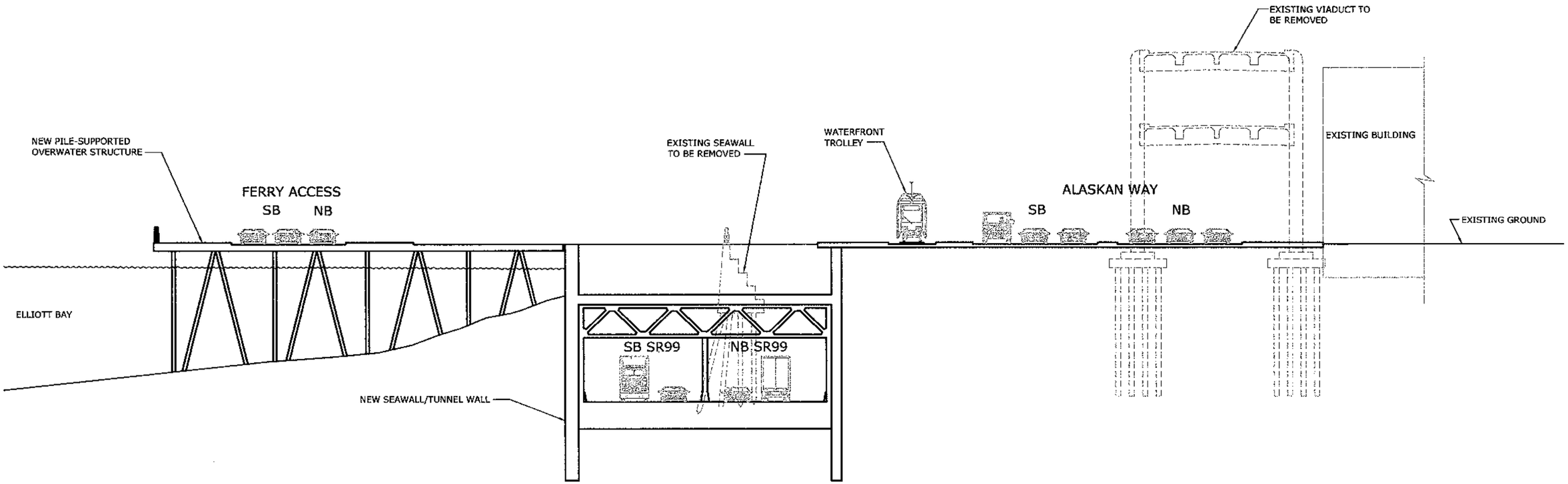
BYPASS ALTERNATIVE
SEAWALL REPLACEMENT PLAN

FIGURE NO. B-27

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-27.DWG



CROSS-SECTION L FROM FIGURE B-27
BYPASS AT EXISTING GRAVITY SEAWALL

GRAPHIC SCALE
0 15 30 45 60 90
SCALE IN FEET

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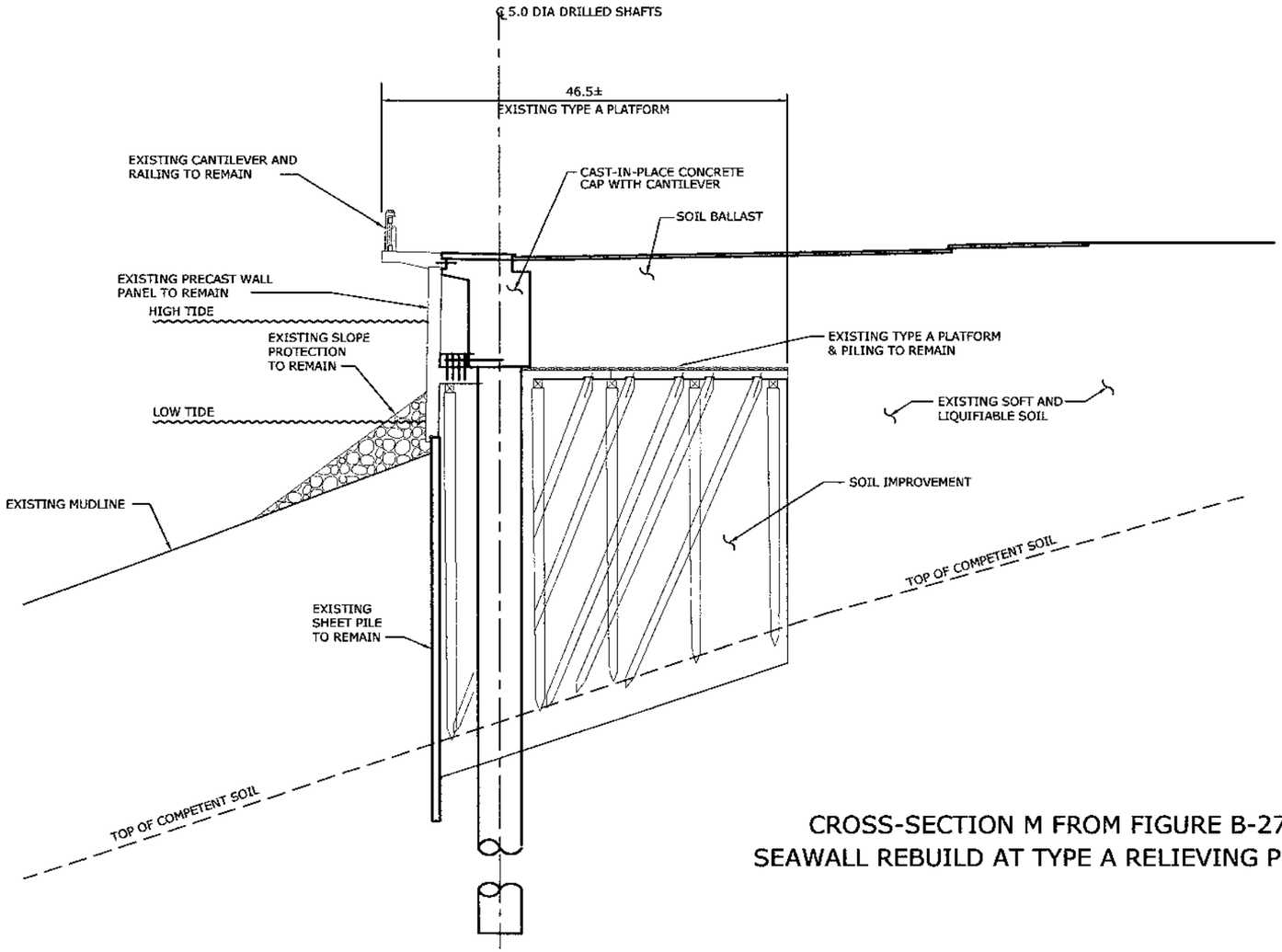
BYPASS ALTERNATIVE
CROSS-SECTION, L FROM FIGURE B-27

FIGURE NO
B-28

PLOTTING DATE : 020404 10:56

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-28.DWG



CROSS-SECTION M FROM FIGURE B-27
SEAWALL REBUILD AT TYPE A RELIEVING PLATFORM

GRAPHIC SCALE
0 10 20 30 40 60
SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
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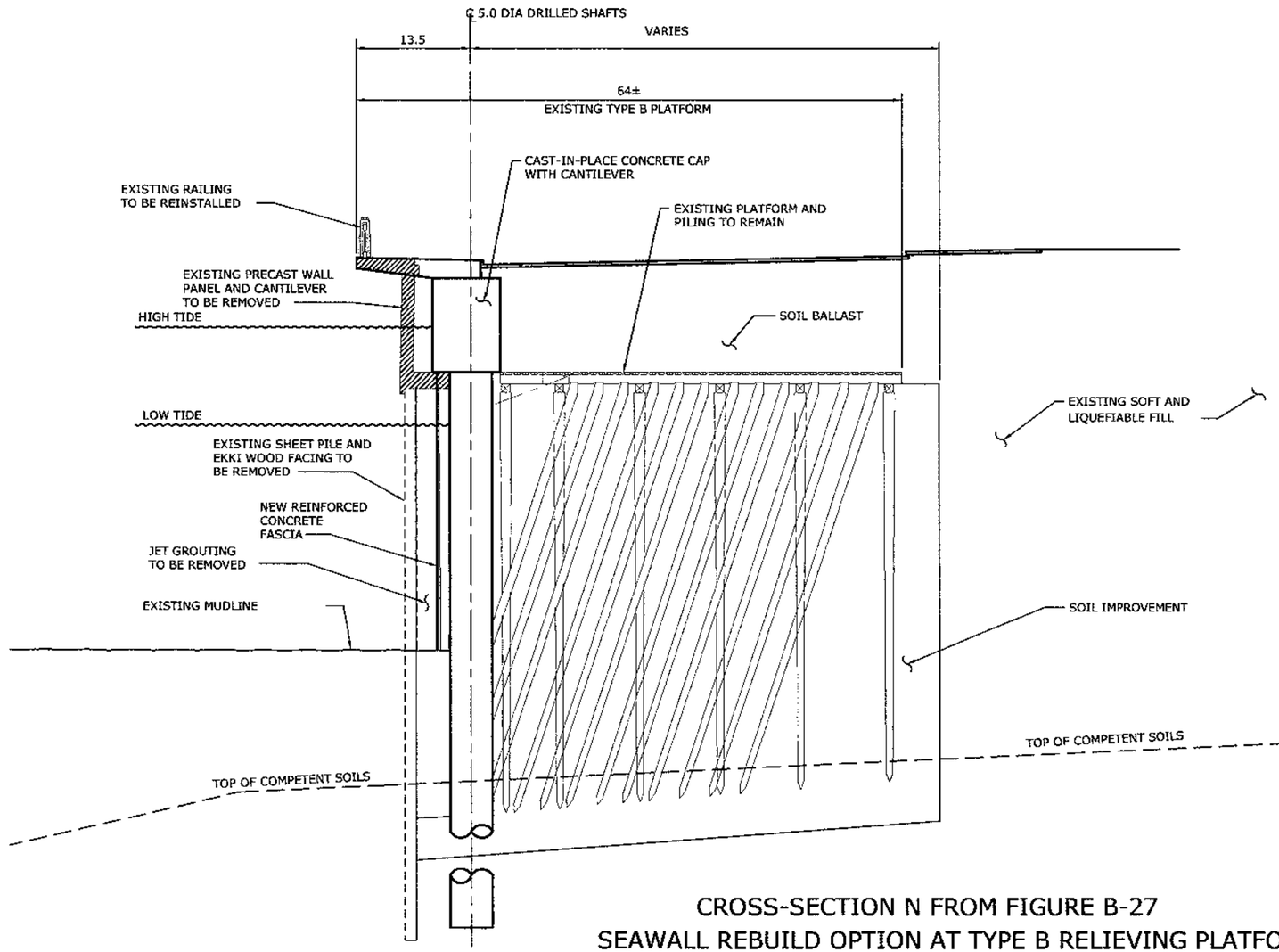
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

BYPASS ALTERNATIVE
SECTION: SEAWALL TYPE A

FIGURE NO
B-29

PLOTTING DATE : 020404 10:56

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-29.DWG



CROSS-SECTION N FROM FIGURE B-27
SEAWALL REBUILD OPTION AT TYPE B RELIEVING PLATFORM

GRAPHIC SCALE
0 8 16 24 32 48
SCALE IN FEET

PLOTTING DATE : 020404 10:57

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BYPASS ALTERNATIVE
SECTION: SEAWALL TYPE B

FIGURE NO
B-30

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-30.DWG

North Waterfront
Pike To Broad

2 LANES EACH WAY CUT AND COVER TUNNEL

2 LANES EACH WAY RETAINED CUT WITH LID

2 LANES EACH WAY RETAINED FILL

2 LANES EACH WAY SIDE BY SIDE BRIDGE

BNSF Railroad

Armory Way Arterial Connects To Alaskan Way Surface Street

Armory Way Arterial Connects To And From Elliott Avenue

Pike St.

Elliott Ave.

Western Ave.

Stewart St.

Virginia St.

Lenora St.

Blanchard St.

Bell St.

1st Ave.

2nd Ave.

3rd Ave.

Pine St.

Battery St.

EXISTING BATTERY STREET TUNNEL

Central
S. King to Battery Street Tunnel

0 100 200

SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

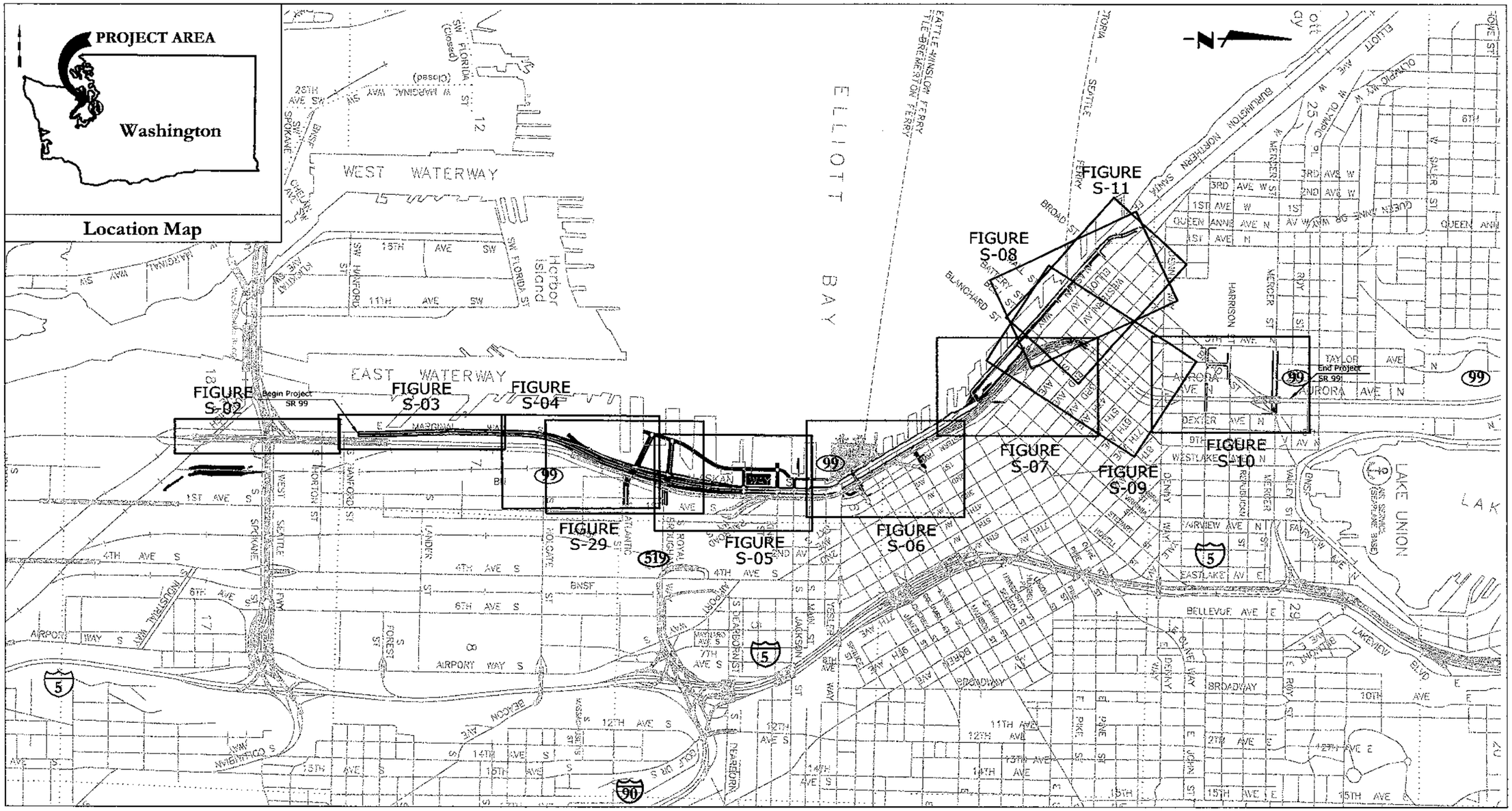
BYPASS OPTION
ELLIOTT AND WESTERN RAMPS

FIGURE NO
B-31

PLOTTING DATE : 020404 11:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\B\B-31.DWG

Alaskan Way Viaduct & Seawall Replacement Project



Surface Alternative Vicinity Map

Not To Scale

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 11:02

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
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SURFACE ALTERNATIVE VICINITY MAP

FIGURE NO. S-01

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-01.DWG

SR 99

SR 99

S. Spokane Street

S. Holgate St.

Expanded BNSF Sig
Rail Yard

Relocated
Railroad Track

Proposed
Fueling Track

N

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 11:05

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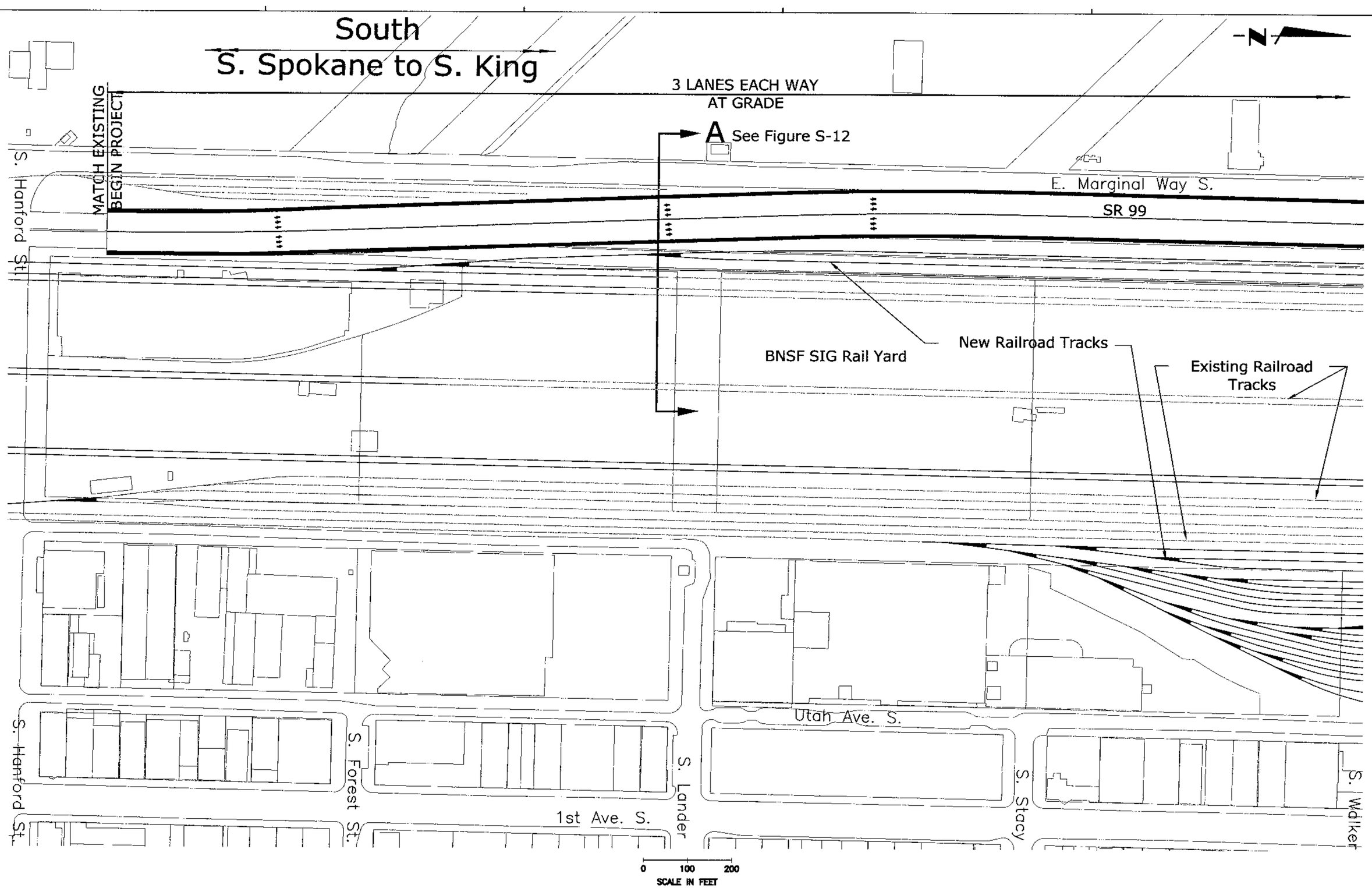
SURFACE ALTERNATIVE
S. SPOKANE TO S. HANFORD

FIGURE NO
S-02

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-02.DWG

South
S. Spokane to S. King



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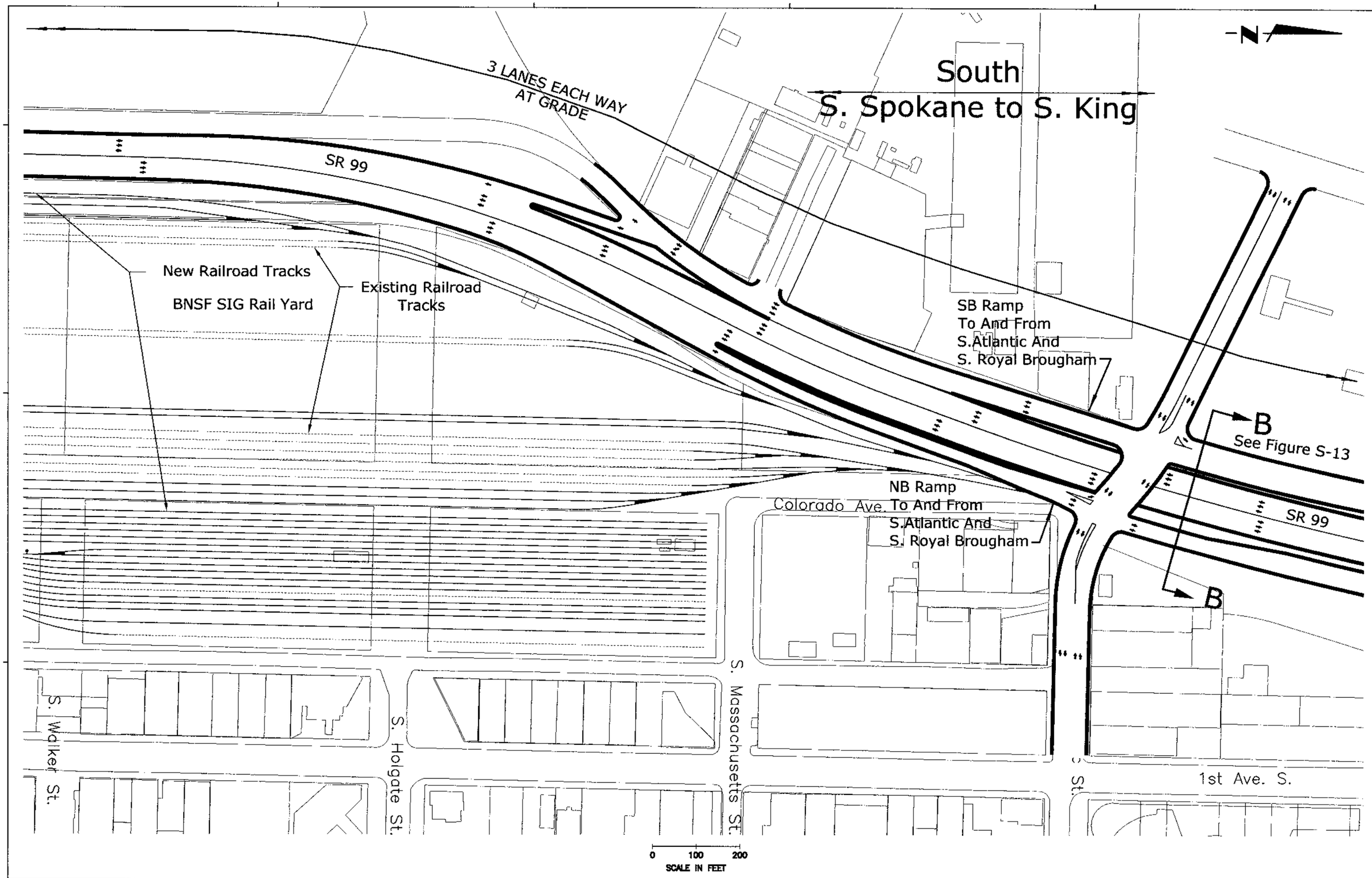
SURFACE ALTERNATIVE
S. HANFORD TO S. WALKER

FIGURE NO
S-03

PLOTTING DATE : 020404 11:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-03.DWG



PLOTTING DATE : 020404 11:

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SURFACE ALTERNATIVE
S. WALKER TO S. ATLANTIC

FIGURE NO
S-04

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-04.DWG

South
S. Spokane To S. King

Central
S. King To Battery Street Tunnel

N

3 LANES EACH WAY
AT GRADE

4 LANES EACH WAY
AT GRADE

SB Ramp
To And From
S.Atlantic And
S. Royal Brougham

NB Ramp
To And From
S.Atlantic And
S. Royal Brougham

SR 99

SR 99

RELOCATED FIRE STATION

GROUND LEVEL USE

FERRY HOLDING AREA

C
See Figure S-14

C

1st Ave. S.

1st Ave. S.

S. Royal Brougham Way

S. King St.

S. Jackson St.

S. Main St.

Occidental Ave. S.

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 11:

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SURFACE ALTERNATIVE
S. ROYAL BROUGHAM TO S. MAIN

FIGURE NO
S-05

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-05.DWG

Central
S. King To Battery Street Tunnel

Elliott Bay

D See Figure S-14

SR 99

RET WALL

Union St

Western Ave.

University St

STRUCTURE

SENECA STREET EXTENSION

Seneca

1st Ave.

Spring St

20+00

Madison St

3 LANES EACH WAY AT GRADE

STRUCTURE

Marion St

15+00

2nd Ave.

Seneca St.

University St.

See Urban Design Drawings
Expanded Colman Dock
Not In Project

FERRY HOLDING AREA

SR 99

COLUMBIA STREET UNDERCROSSING

Post

RET WALL

1st Ave.

10+00

Columbia St

Spring St.

3rd Ave.

S. Main St

4 LANES EACH WAY AT GRADE

Yesler Way

Post

1st Ave. S.

Madison St.

2nd Ave.

4th Ave.

0 100 200
SCALE IN FEET

PLOTTING DATE : 022304 09:

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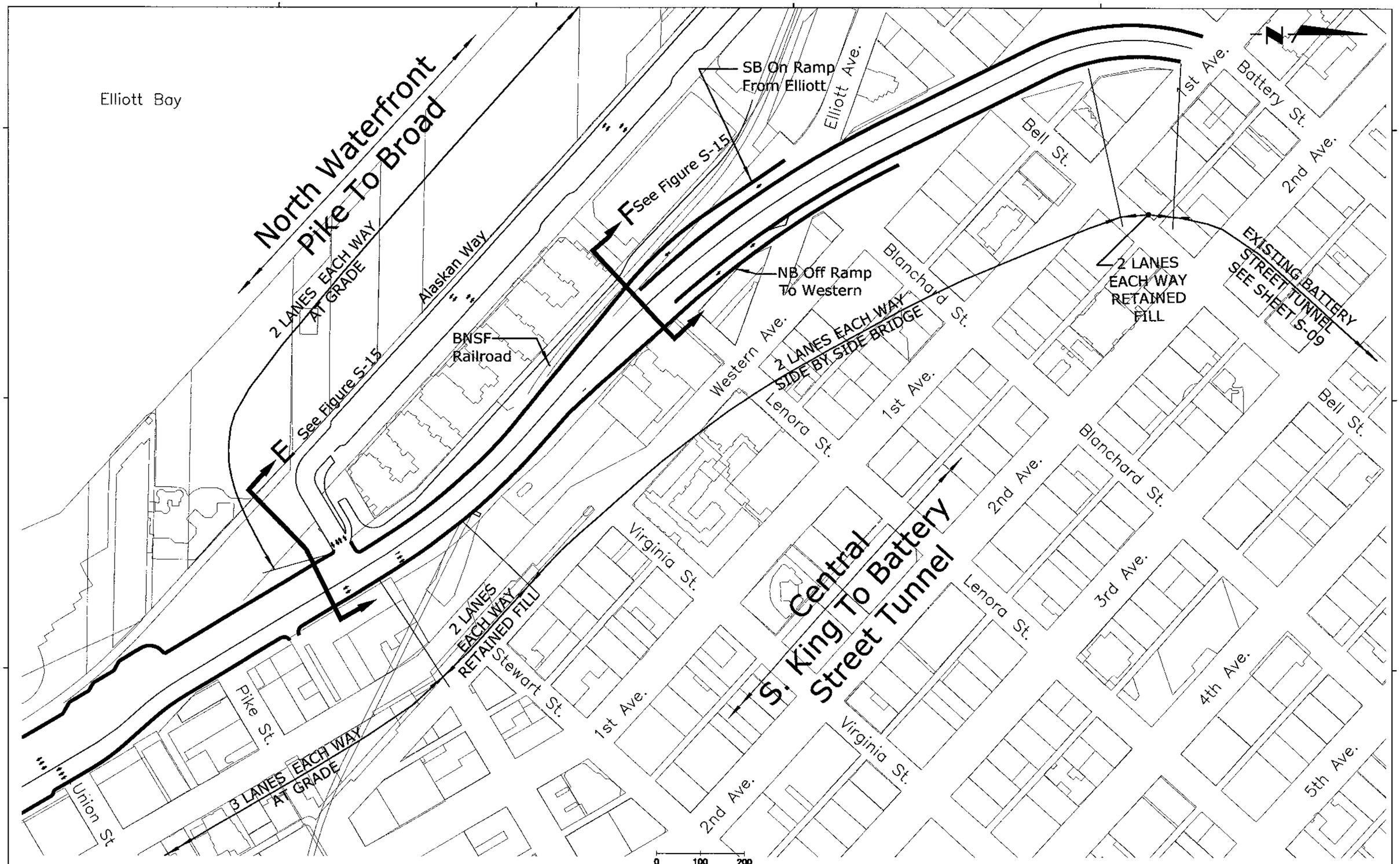
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
S. MAIN TO UNION

FIGURE NO
S-06

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-06.DWG



PLOTTING DATE : 020404 11:

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SURFACE ALTERNATIVE
PIKE TO BATTERY STREET TUNNEL

FIGURE NO. S-07

FILENAME: U:\CADD\253145S_ACAD\SHT\DEIS_FIGS\S\S-07.DWG

North Waterfront
Pike To Broad

2 LANES EACH WAY
AT GRADE

Elliott Ave.
Western Ave.
Broad St.
Clay St.
Eagle St.
1st Ave.
2nd Ave
Cedar St.
Vine St.
Wall St.
Bell St.
Denny Way
SR 99

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 11:

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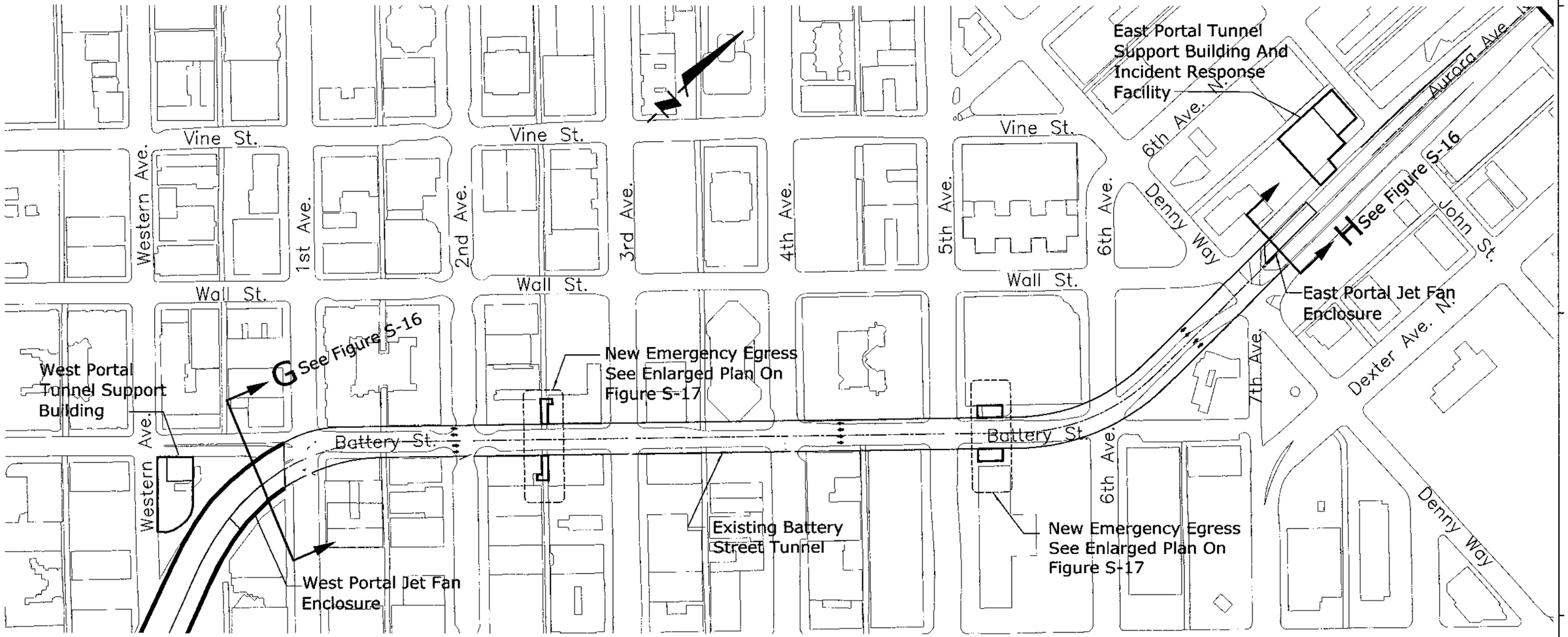
SURFACE ALTERNATIVE
NORTH WATERFRONT

FIGURE NO
S-08

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-08.DWG



0 100 200
SCALE IN FEET

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SURFACE ALTERNATIVE
BATTERY STREET TUNNEL

FIGURE NO
S-09

PLOTTING DATE :

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-09.DWG

North
Battery Street Tunnel To Ward

Mercer St.
5th Ave. N.
Roy St.
Valley St.
Taylor Ave. N.
6th Ave. N.
Aurora Ave. N.
Dexter Ave. N.
Broad St.
Thomas St.
John St.
Harrison St.
Republican St.
Denny Way
Cedar St.
5th Ave.
Vine St.
6th Ave.
7th Ave.

Close Broad Street And Reconnect Street Grid

EXISTING MERCER STREET OVERPASS WIDENED FROM 4 LANES TO 7 LANES

See Figure S-18

1 LANE EACH WAY THOMAS STREET BRIDGE

EXISTING BATTERY STREET TUNNEL SEE FIGURE B-07

EXISTING SR99 2 LANES EACH WAY AT GRADE

EXISTING SR99 3 LANES EACH WAY AT GRADE

8th Ave. N.

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 11:

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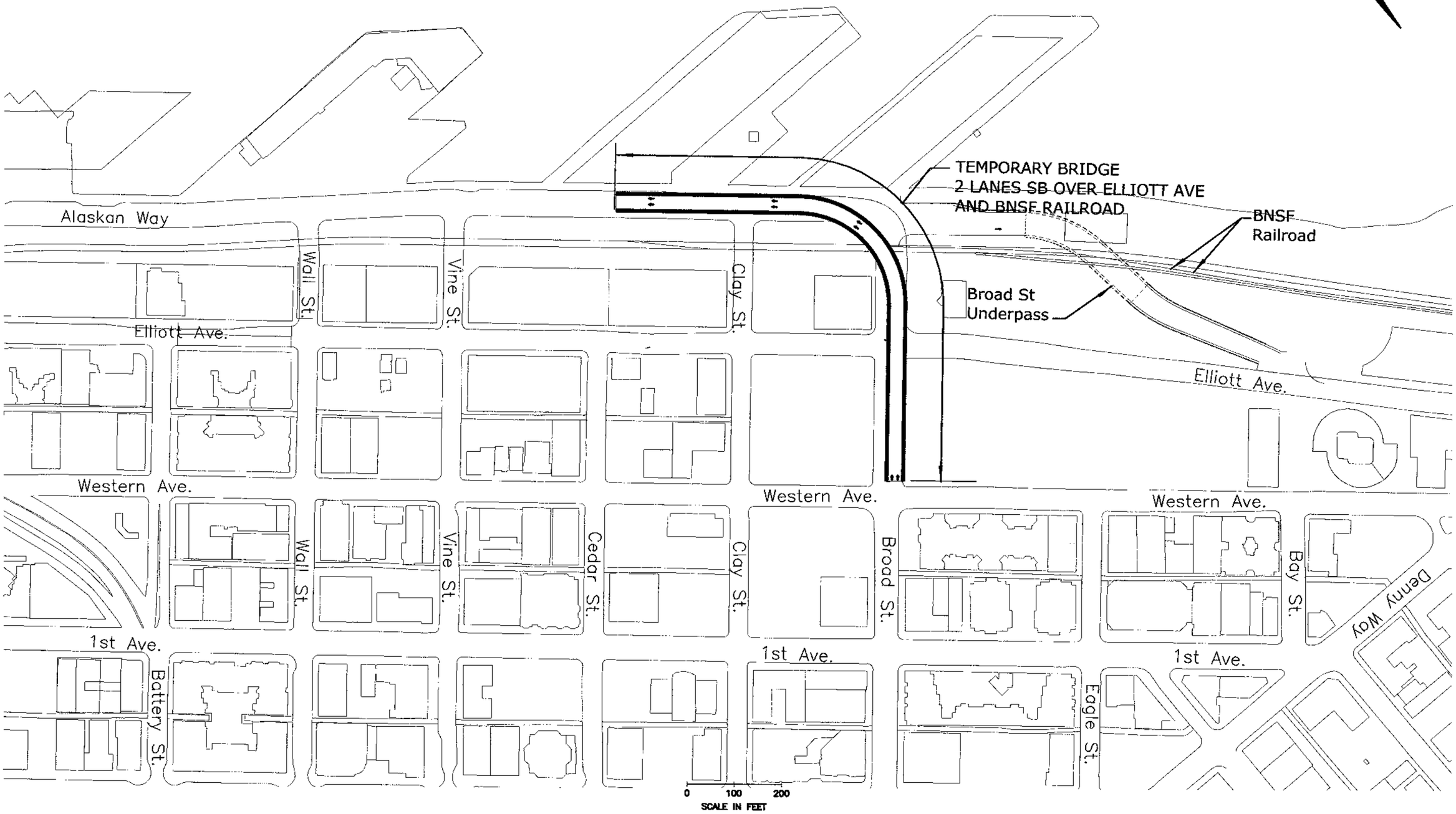
SURFACE ALTERNATIVE
BATTERY STREET TUNNEL TO VALLEY

FIGURE NO
S-10

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-10.DWG

North Waterfront
Pike To Broad



PLOTTING DATE : 020404 11:

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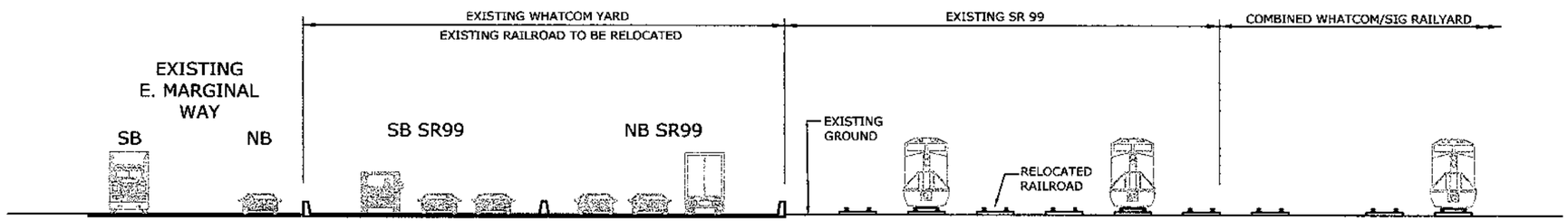
SURFACE ALTERNATIVE
BROAD STREET DETOUR GRADE SEPARATION

FIGURE NO
S-11

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-11.DWG



CROSS-SECTION A FROM FIGURE S-03

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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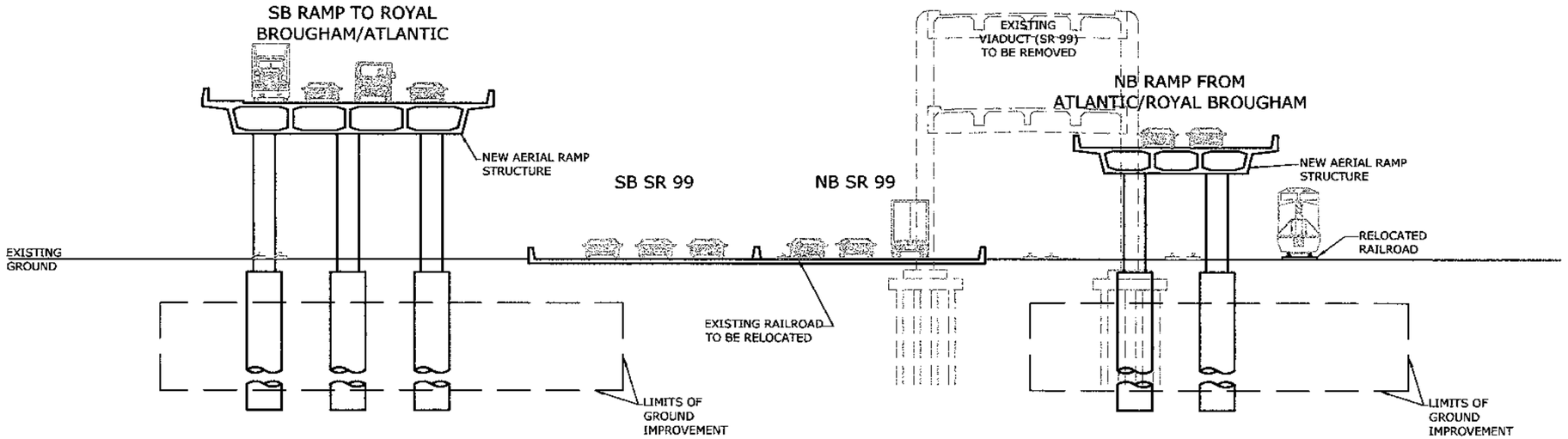
SURFACE ALTERNATIVE
CROSS-SECTION, FROM FIGURE S-03

FIGURE NO
S-12

PLOTTING DATE : 020404 11:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-12.DWG



CROSS-SECTION B FROM FIGURE S-04

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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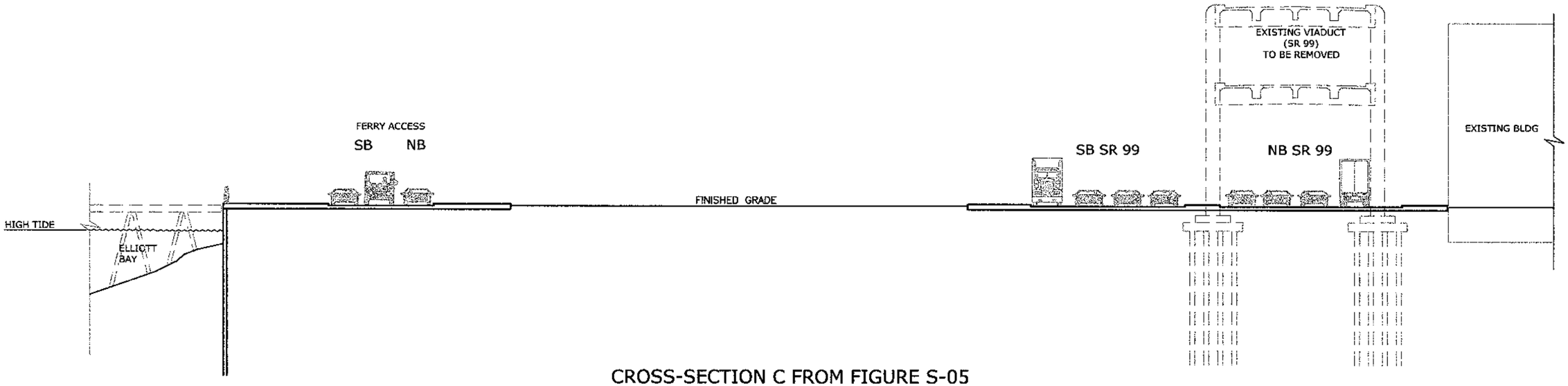
SURFACE ALTERNATIVE
CROSS SECTIONS, FROM FIGURE S-04

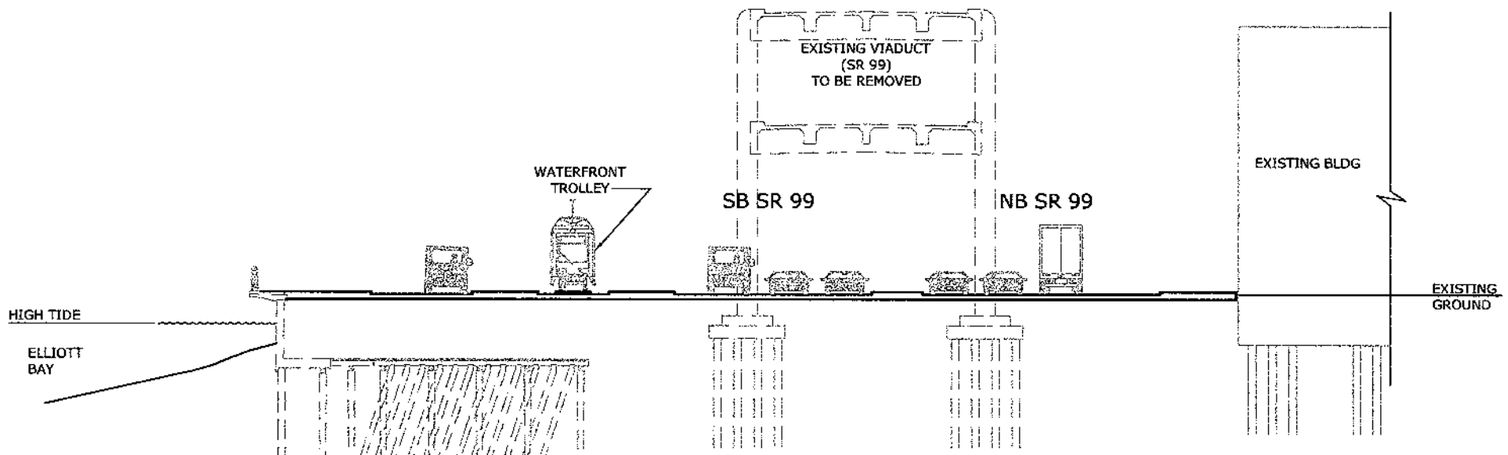
FIGURE NO
S-13

PLOTTING DATE : 020404 11:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-13.DWG



CROSS-SECTION C FROM FIGURE S-05



CROSS-SECTION D FROM FIGURE S-06

GRAPHIC SCALE
0 15 30 45 60 90
SCALE IN FEET

PLOTTING DATE : 020404 11:

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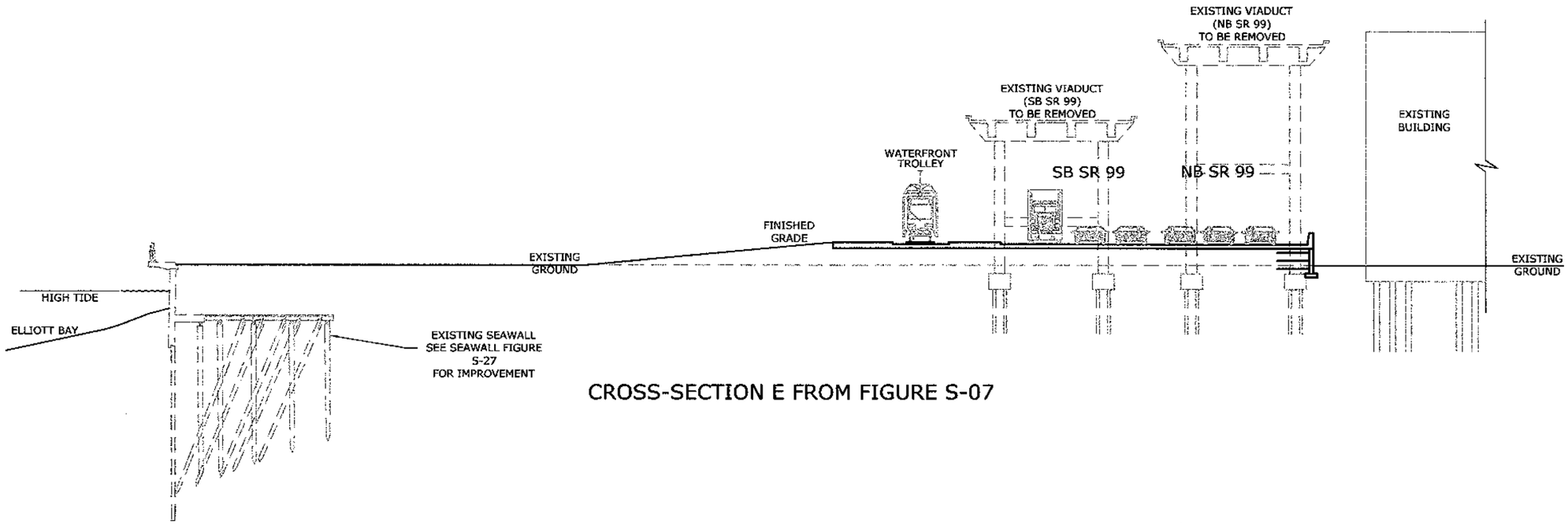
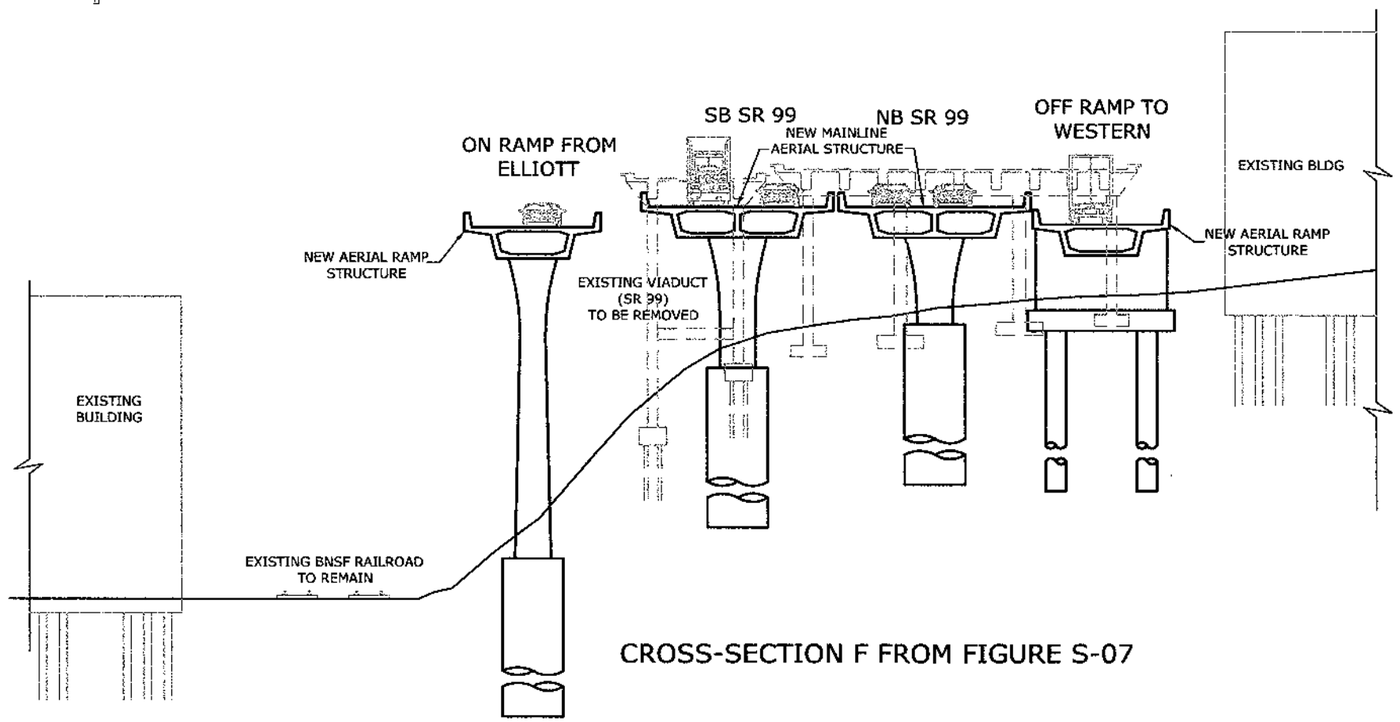
SURFACE ALTERNATIVE
CROSS SECTIONS, FROM FIGURE S-05,S-06

FIGURE NO
S-14

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-14.DWG



CROSS-SECTION E FROM FIGURE S-07



CROSS-SECTION F FROM FIGURE S-07

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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SURFACE ALTERNATIVE
CROSS SECTIONS, FROM FIGURE S-07

FIGURE NO
S-15

PLOTTING DATE : 020404 11:

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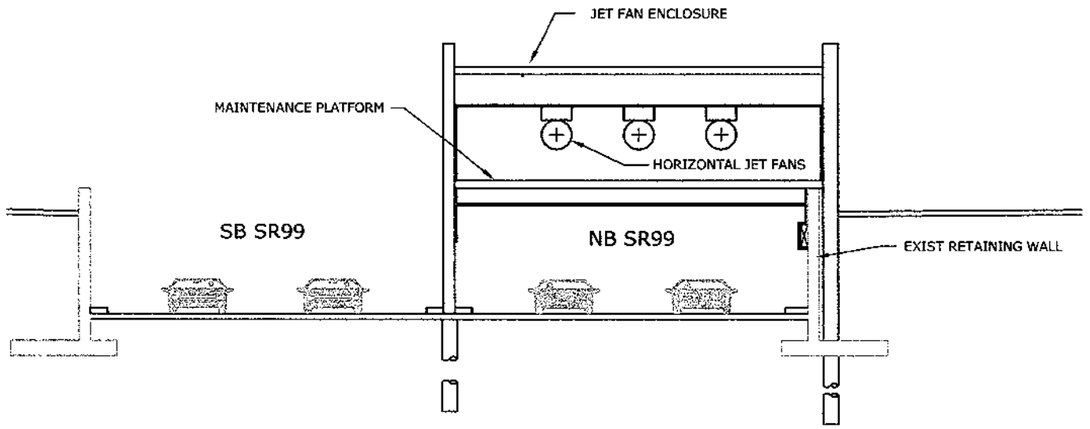
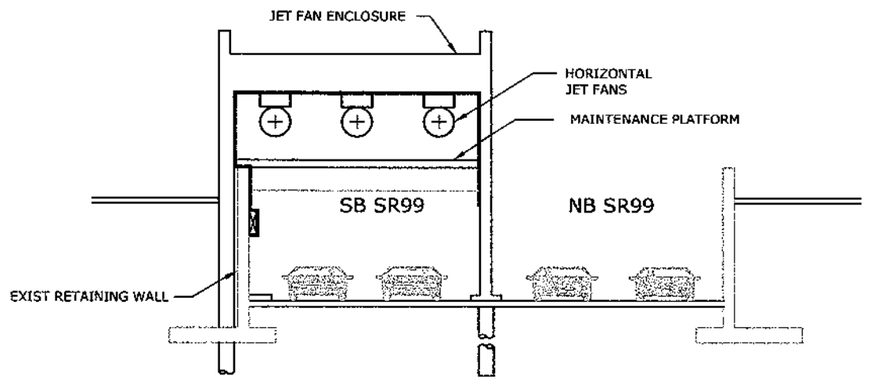
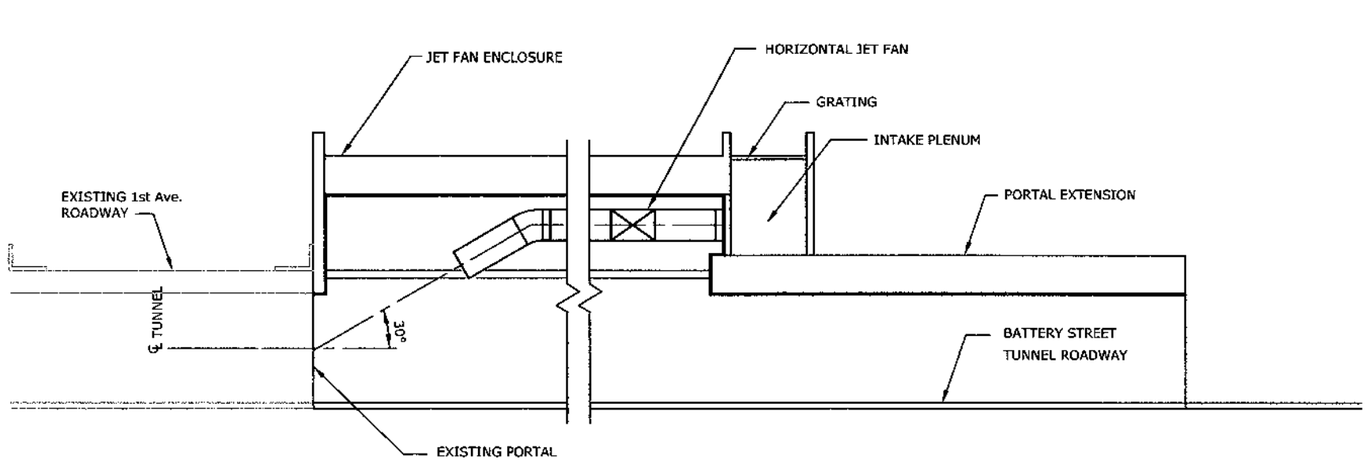


CROSS-SECTION G FROM FIGURE S-09
WEST PORTAL JET FAN ENCLOSURE



CROSS-SECTION H FROM FIGURE S-09
EAST PORTAL JET FAN ENCLOSURE



JET FAN ENCLOSURE LONGITUDINAL SECTION

GRAPHIC SCALE
0 10 20 30 40 60
SCALE IN FEET

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

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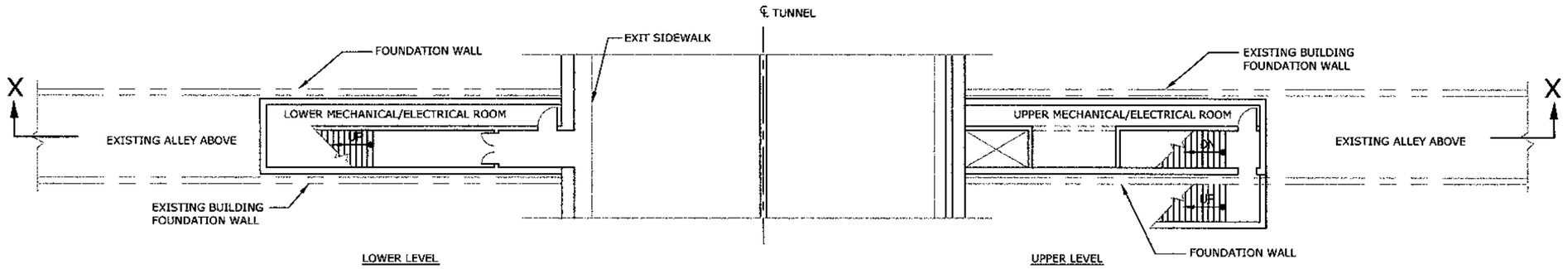
SURFACE ALTERNATIVE
BATTERY STREET TUNNEL SECTIONS

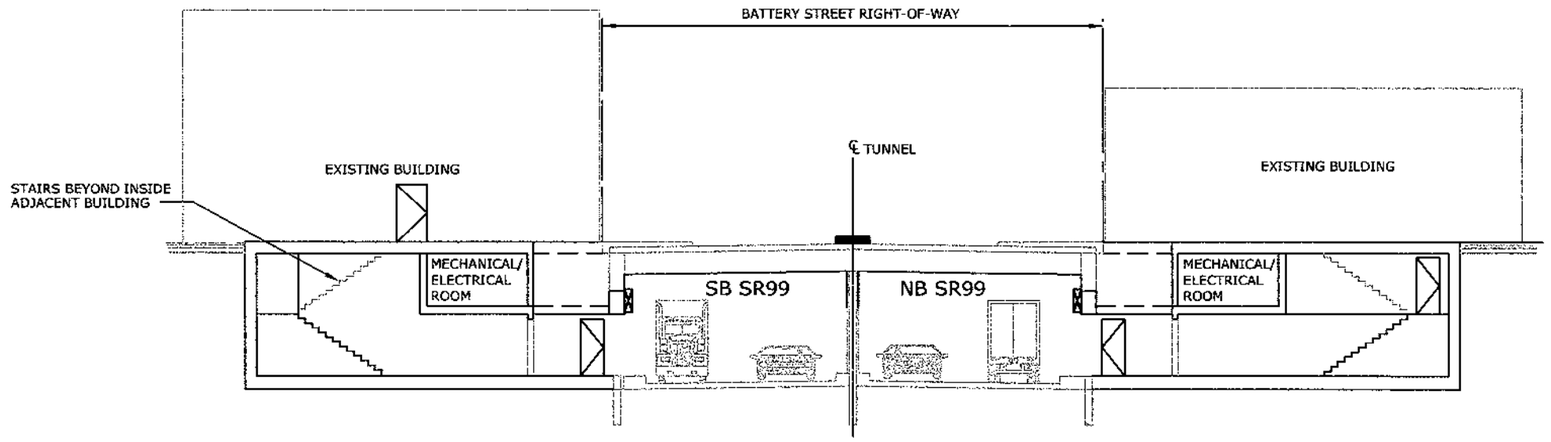
FIGURE NO
S-16

PLOTTING DATE : 020404 11:15

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-16.DWG



ENLARGED PLAN FROM FIGURE S-09
BATTERY STREET TUNNEL : PLAN AT EMERGENCY EGRESS



CROSS-SECTION X FROM THE ABOVE FIGURE
BATTERY STREET TUNNEL : SECTION AT EMERGENCY EGRESS

GRAPHIC SCALE
0 10 20 30 40 60
SCALE IN FEET

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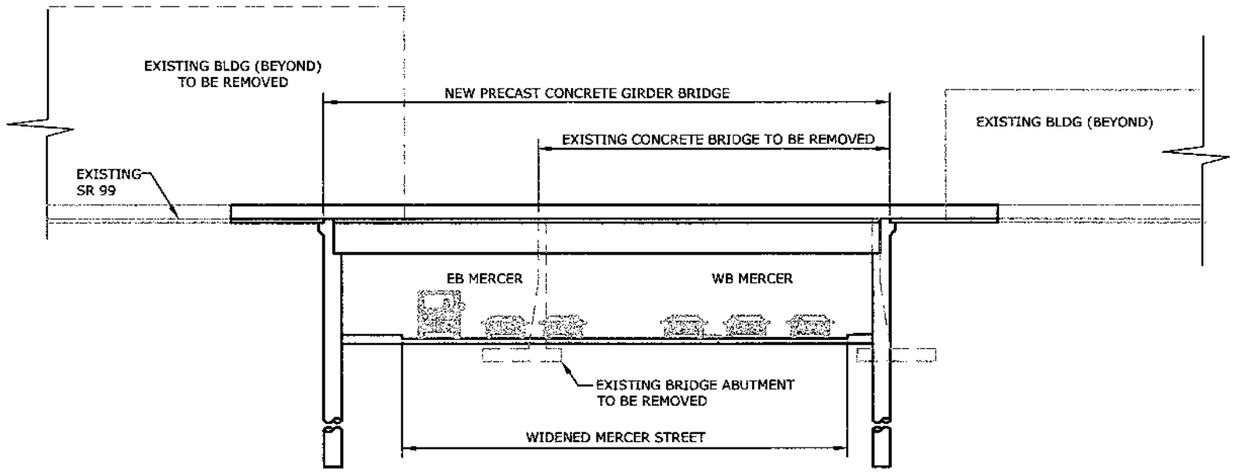
SURFACE ALTERNATIVE
BATTERY STREET TUNNEL SECTIONS

FIGURE NO
S-17

PLOTTING DATE : 020404 11:15

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-17.DWG



CROSS-SECTION J FROM FIGURE S-10

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
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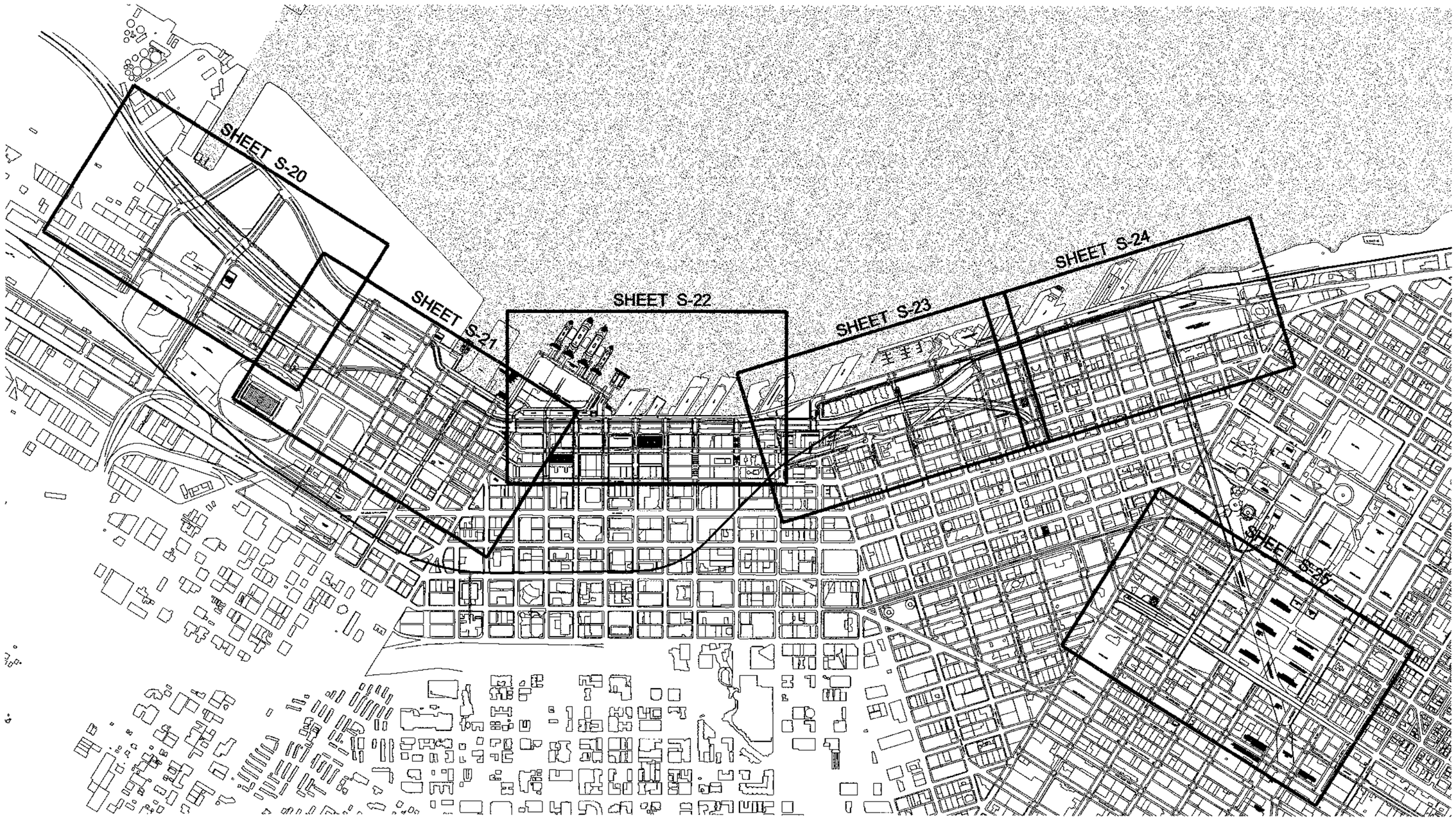
SURFACE ALTERNATIVE
CROSS-SECTION, FROM FIGURE S-10

FIGURE NO
S-18

PLOTTING DATE : 020404 11:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-18.DWG



NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

0 100 200
SCALE IN FEET

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

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SEATTLE, WA

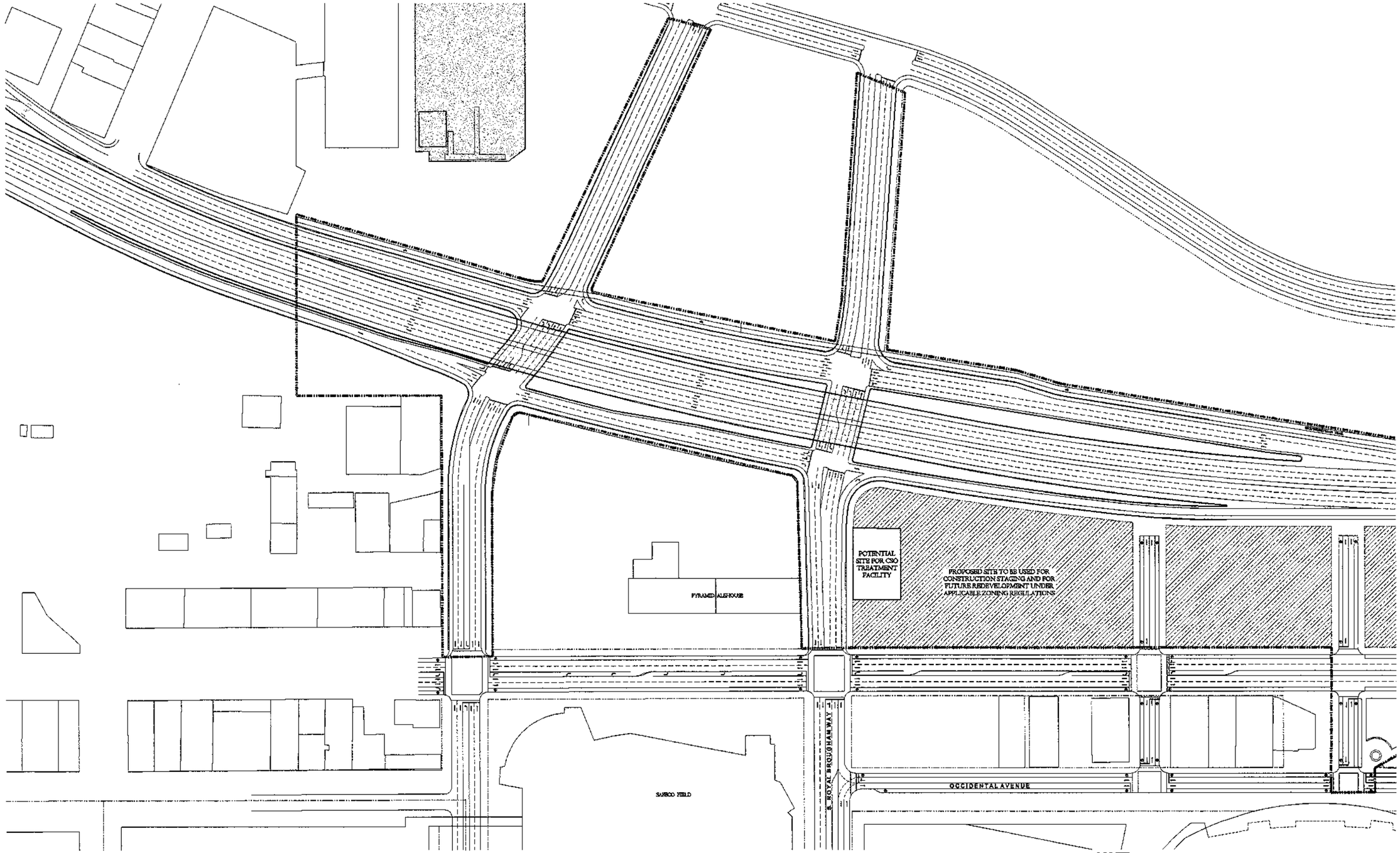
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
KEY PLAN

SHEET FIGURE NO
S-19

PLOTTING DATE : 030204

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\SURFACE\ORIGINAL\SF-KEYPLAN.DWG



NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

0 100 200
SCALE IN FEET

NOTE:
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PLOTTING DATE : 030204

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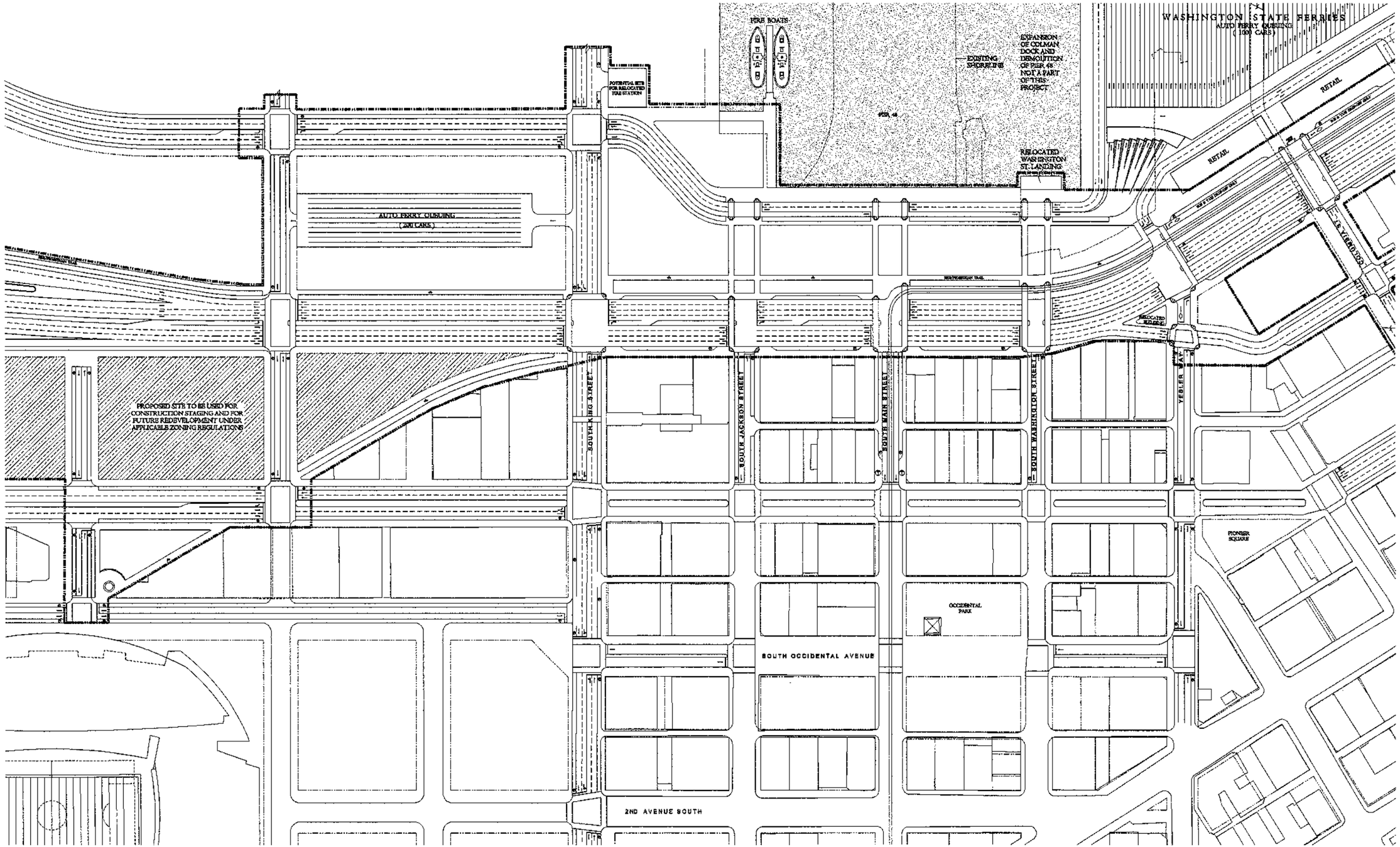
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
S. ATLANTIC TO RAILROAD WAY SOUTH

SHEET FIGURE NO
S-20

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\SURFACE\ORIGINAL\SF-SOUTH.DWG



NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

0 100 200
SCALE IN FEET

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

PLOTTING DATE : 030204

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Federal Highway Administration

Washington State Department of Transportation

City of Seattle

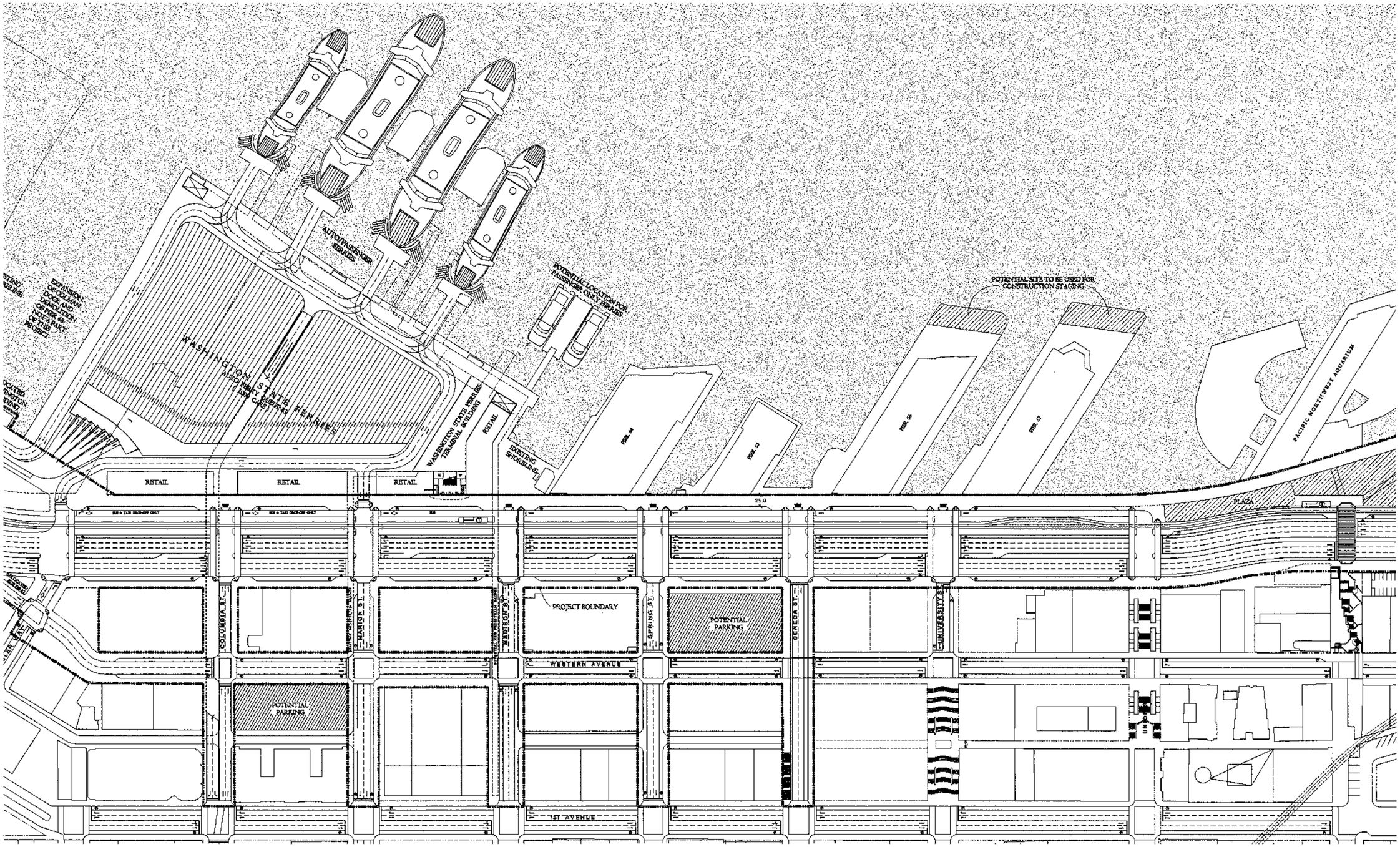
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
RAILROAD WAY SOUTH TO YESLER

SHEET FIGURE NO
S-21

FILENAME: :\\ROMA DESIGN GROUP\04\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\SURFACE\ORIGINAL\SF-SOUTH.DWG



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NOTE:
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PLOTTING DATE : 030204

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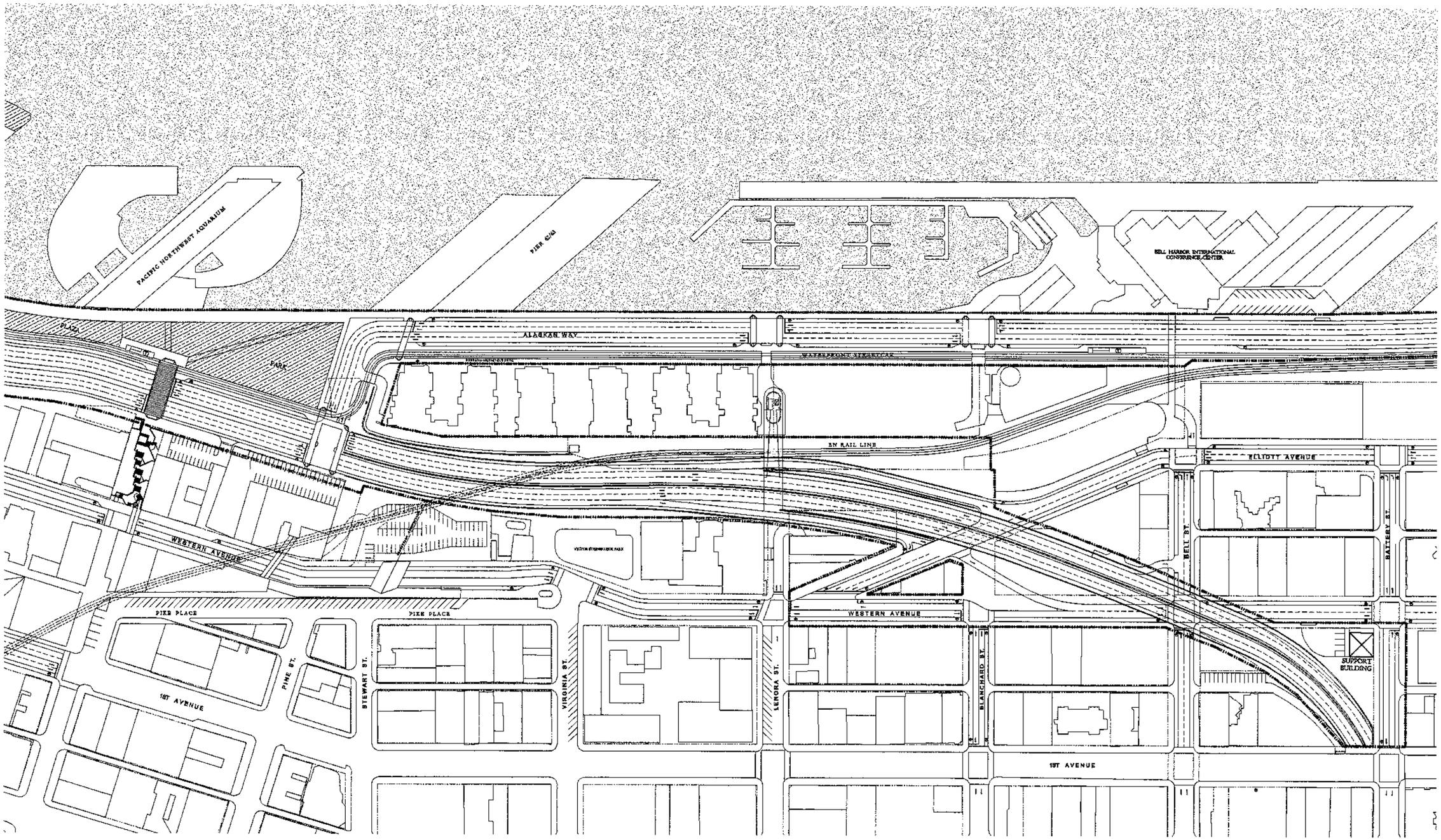
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
YESLER TO PIKE

SHEET FIGURE NO
S-22

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\SURFACE\ORIGINAL\SF.DWG



PLOTTING DATE : 030204

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

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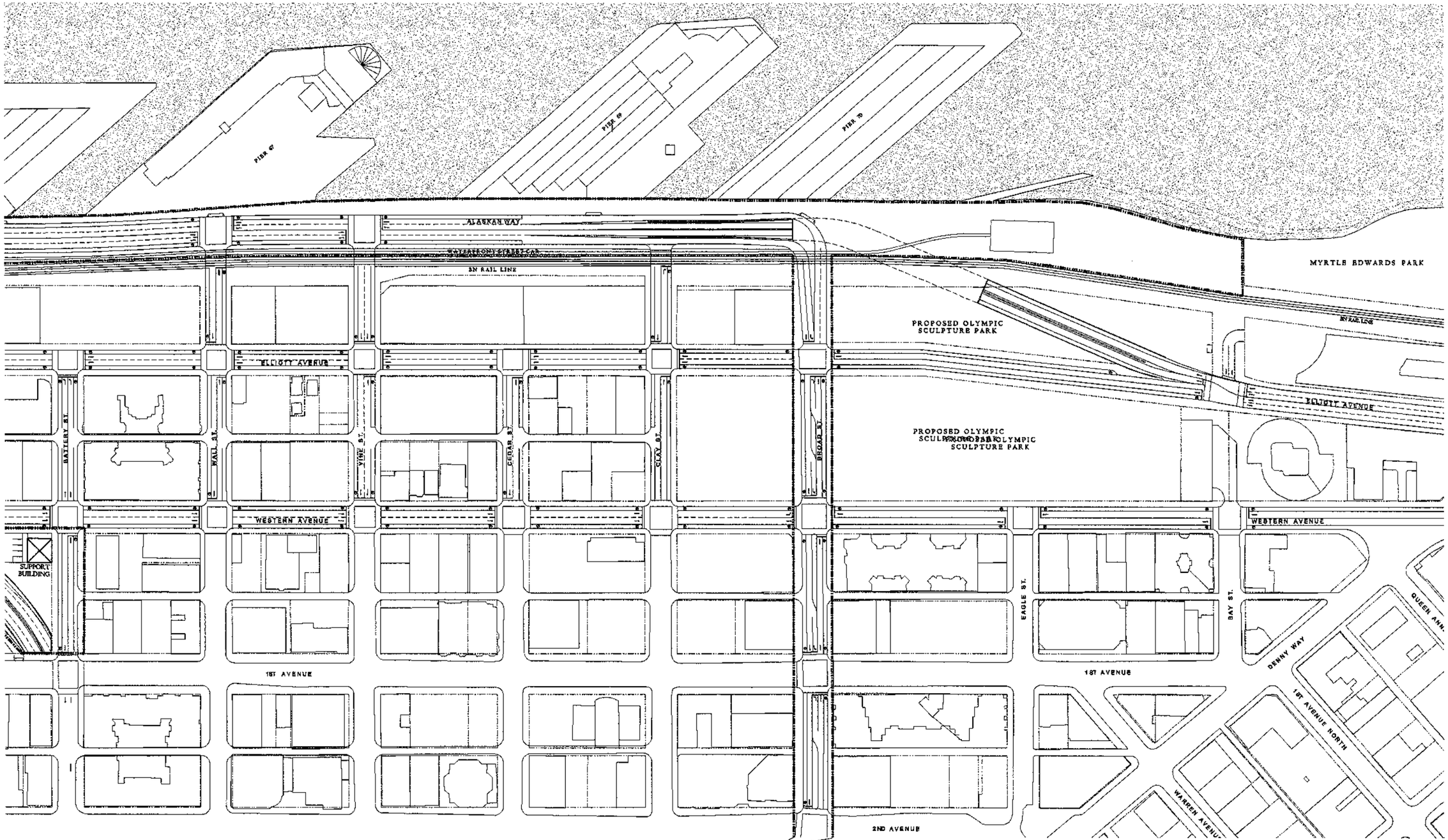
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
PIKE TO BATTERY

SHEET FIGURE NO
S-23

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\SURFACE\ORIGINAL\SF.DWG



PROJECT BOUNDARY CONTINUOUS TO 5TH AVE.

0 100 200

SCALE IN FEET

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

NOTE:
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PLOTTING DATE : 030204

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
BATTERY TO SCULPTURE PARK

SHEET FIGURE NO
S-24

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\SURFACE\ORIGINAL\SF.DWG

5TH AVENUE NORTH

TAYLOR AVENUE NORTH

8TH AVENUE NORTH

AURORA AVENUE NORTH

DEXTER AVENUE NORTH

DENNY PARK

5th AVENUE NORTH

TAYLOR AVENUE NORTH

6th AVENUE NORTH

DENNY WAY

THOMAS ST.

HARRISON ST.

MERCER ST.

ROY ST.

SKATE PARK (E)

BASKETBALL COURT (E)

SEATTLE CITY LIGHT

SUPPORT BUILDINGS

DEMOLISH BROAD ST. AND BACKFILL TO SURFACE

POTENTIAL SITE FOR CONSTRUCTION STAGING AND FOR FUTURE REDEVELOPMENT UNDER APPLICABLE ZONING REGULATIONS

EXISTING BROAD ST. R.O.W.

POTENTIAL RECONNECTION OF GRID. NOT A PART OF THE PROJECT

POTENTIAL 6TH AVE. BRIDGE NOT A PART OF THE PROJECT

DEMOLISH BROAD ST. AND BACKFILL TO SURFACE

EXISTING BROAD ST. R.O.W.

MERGER STREET

DEVELOPMENT OPPORTUNITY AREA

THE CONTINUATION OF A WIDENED TWO-WAY MERCER ST. EAST OF DEXTER IS NOT PART OF THIS PROJECT. IT IS ONE OF MANY OPTIONS BEING CONSIDERED BY THE CITY OF SEATTLE.

BROAD ST. DEMOLISHED AND BACKFILLED TO SURFACE AND CURBS OF ADJACENT STREETS RE-ESTABLISHED

THE BROAD ST. ON AND OFF RAMPS EAST OF 5TH ST. WILL NO LONGER BE USABLE DUE TO CLOSURE OF BROAD ST. EAST OF 5TH AVENUE NORTH.

NOTE:
STRUCTURES AND STREET CHANNELIZATION SHOWN BEYOND THE PROJECT BOUNDARY ARE ONLY FOR THE PURPOSE OF ESTABLISHING THE CONTEXT FOR IMPROVEMENTS WITHIN THE PROJECT AREA

0 100 200
SCALE IN FEET

NOTE:
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PLOTTING DATE : 030204

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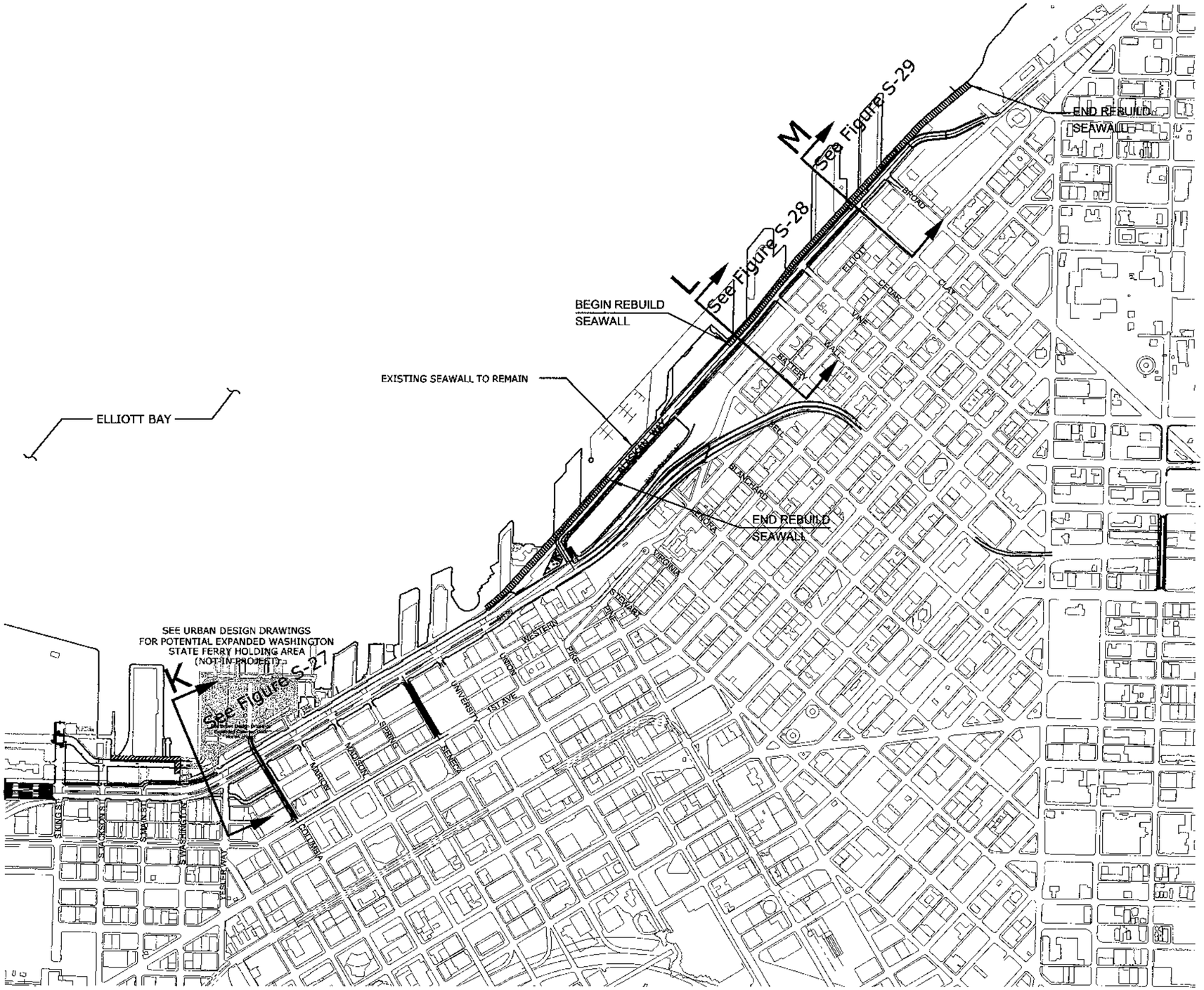
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
NORTH OF THE BATTERY STREET TUNNEL

SHEET FIGURE NO
S-25

FILENAME: :\\ROMA DESIGN GROUP\G4\PROJECTS\1273 SEATTLE AWV\ACAD\SHEETS\SURFACE\ORIGINAL\SF-SLU.DWG



PLOTTING DATE : 020404 11:17

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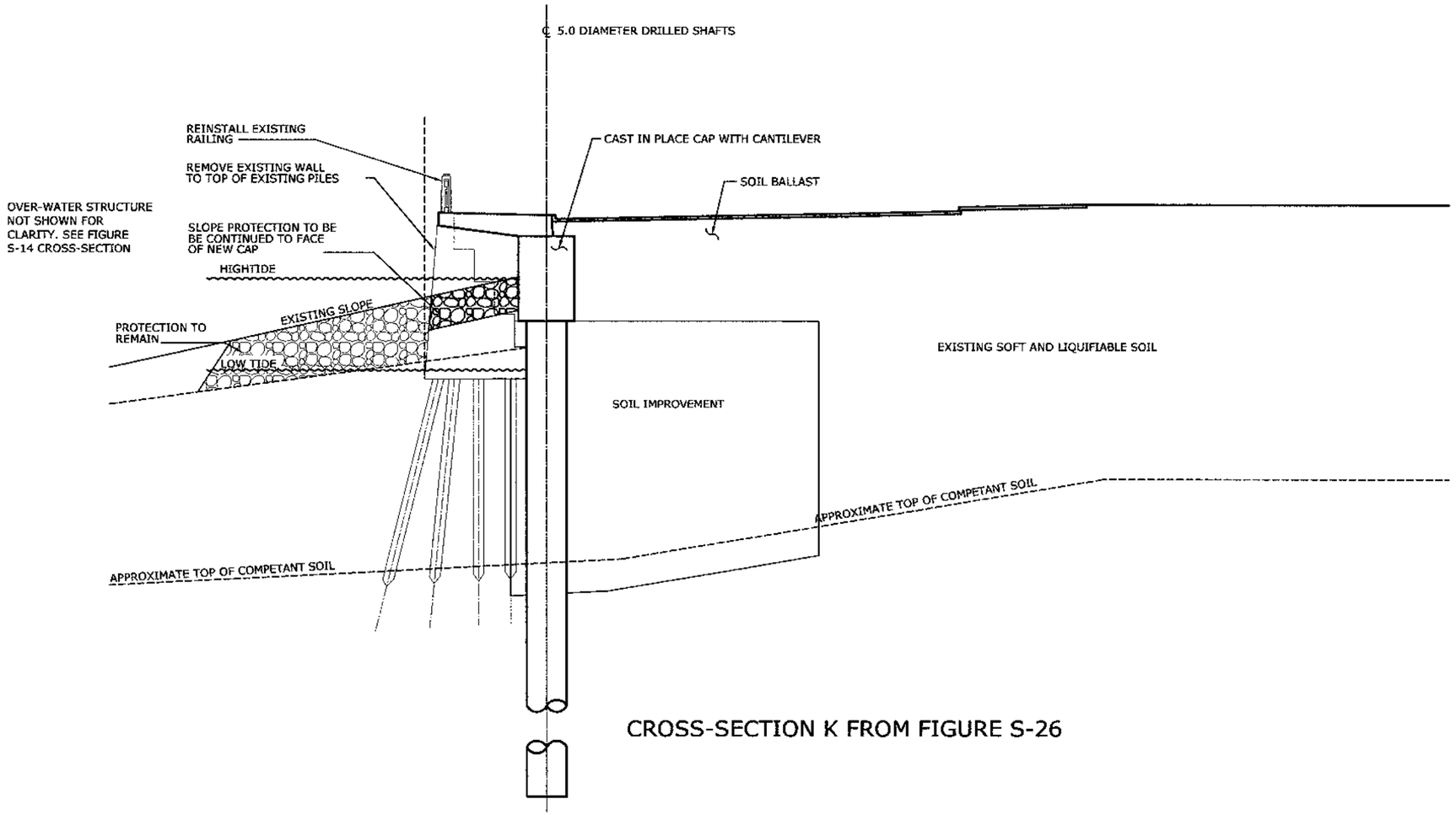
City of Seattle

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE SEAWALL REPLACEMENT PLAN

FIGURE NO
S-26

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-26.DWG



CROSS-SECTION K FROM FIGURE S-26

GRAPHIC SCALE

0 8 16 24 32 48

SCALE IN FEET

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City of Seattle

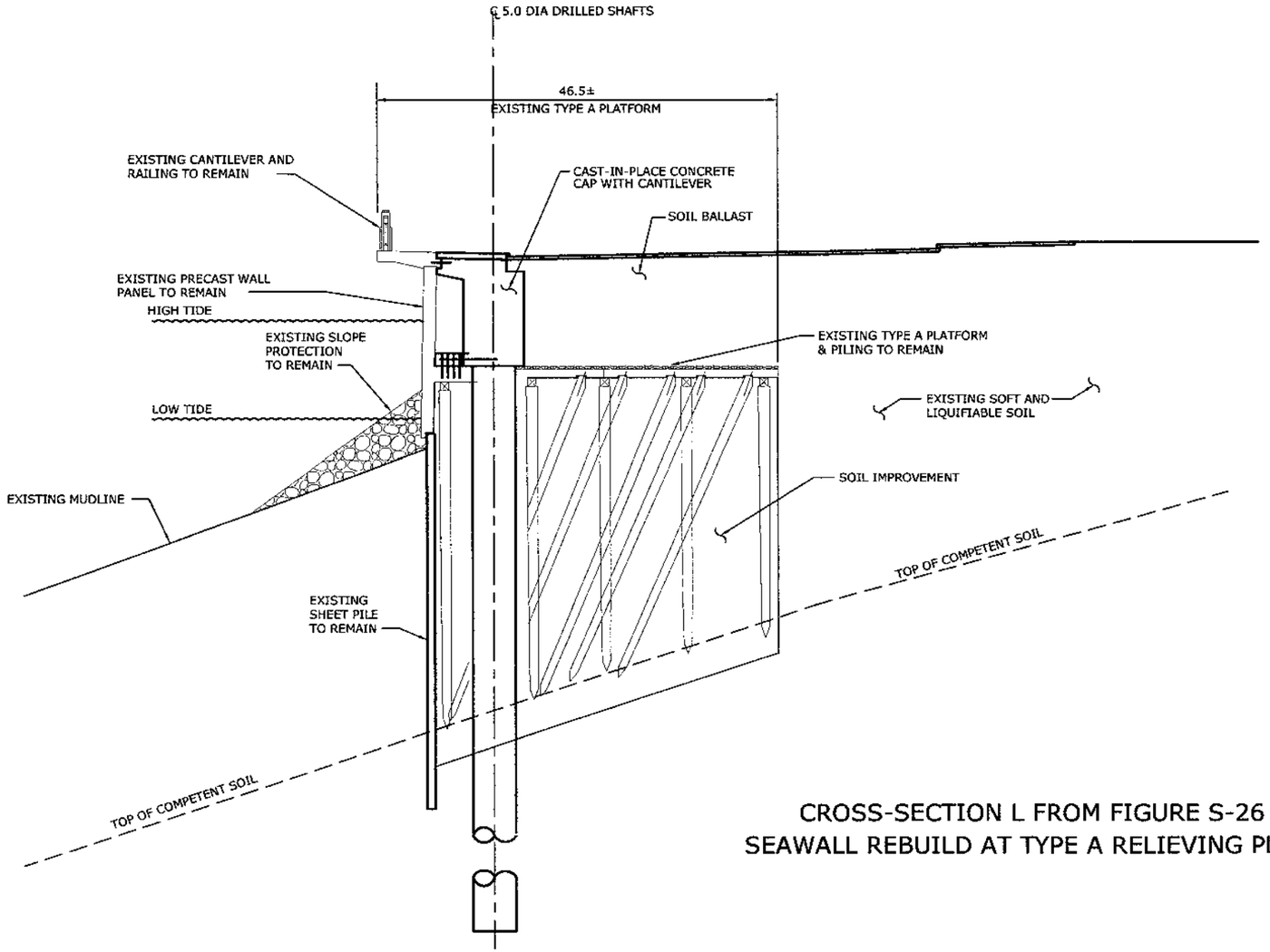
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
CROSS-SECTION, FROM FIGURE S-26

FIGURE NO
S-27

PLOTTING DATE : 020404 11:17

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-27.DWG



CROSS-SECTION L FROM FIGURE S-26
SEAWALL REBUILD AT TYPE A RELIEVING PLATFORM

GRAPHIC SCALE
0 8 16 24 32 48
SCALE IN FEET

PLOTTING DATE : 020404 11:18

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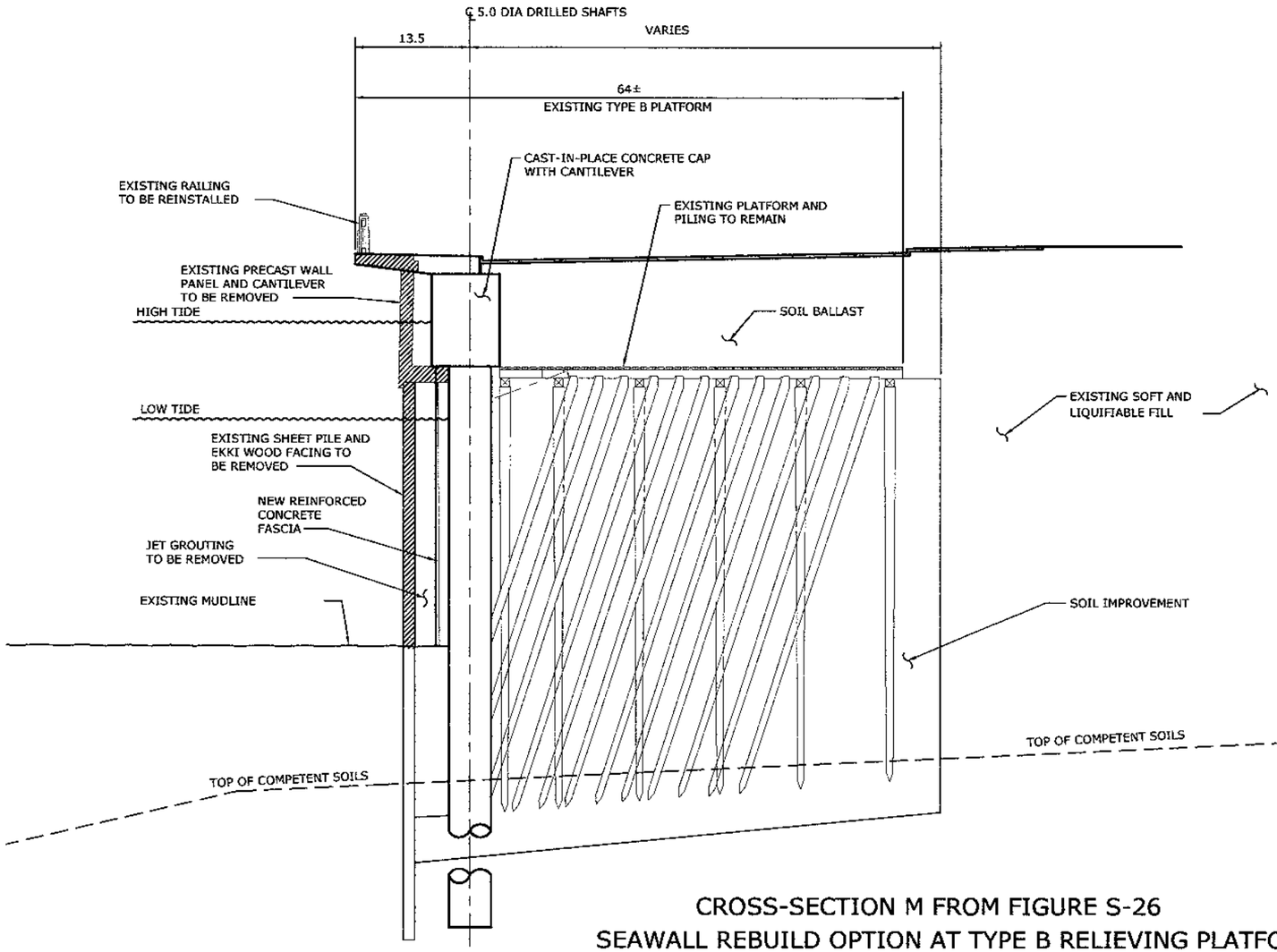
Federal Highway Administration
Washington State Department of Transportation
City of Seattle

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
SECTION: SEAWALL TYPE A

FIGURE NO
S-28

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-28.DWG



CROSS-SECTION M FROM FIGURE S-26
SEAWALL REBUILD OPTION AT TYPE B RELIEVING PLATFORM

GRAPHIC SCALE
0 8 16 24 32 48
SCALE IN FEET

PLOTTING DATE : 020404 11:18

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City of Seattle

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

TUNNEL ALTERNATIVE
SECTION: SEAWALL TYPE B

FIGURE NO
S-29

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-29.DWG

South
S. Spokane to S. King

N

3 LANES EACH WAY
AT GRADE

3 LANES SB, 4 LANES NB
AT GRADE

4 LANES NB AND SB
AT GRADE

SR 99

Existing Railroad
Tracks

BNSF SIG Rail Yard

B See Figure S-32

Colorado Ave.

New Railroad Tracks

S. Massachusetts

S. Holgate

S. Atlantic St.

1st Ave. S.

S. Royal Brougham

SR 99

0 100 200
SCALE IN FEET

PLOTTING DATE : 020404 11:

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

OPTION TO SURFACE ALTERNATIVE
AT GRADE SR519 INTERCHANGE

FIGURE NO
S-30

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-30.DWG

5th Ave.
Taylor Ave. N.
Vine St.
6th Ave.
6th Ave. N.
Denny Way
John St.
Aurora Ave. N.
Harrison St.
Broad St.
Thomas St.
5th Ave. N.
6th Ave. N.
Close Broad Street And Reconnect Street Grid
Mercer St.
Roy St.
Valley St.
7th Ave.
Dexter Ave. N.
Republican St.
EXISTING BATTERY STREET TUNNEL SEE FIGURE S-11
3 LANES EACH WAY EXISTING SR99
8th Ave. N.
Bell St.
9th Ave. N.
100 200
SCALE IN FEET

PLOTTING DATE : 020404 11:

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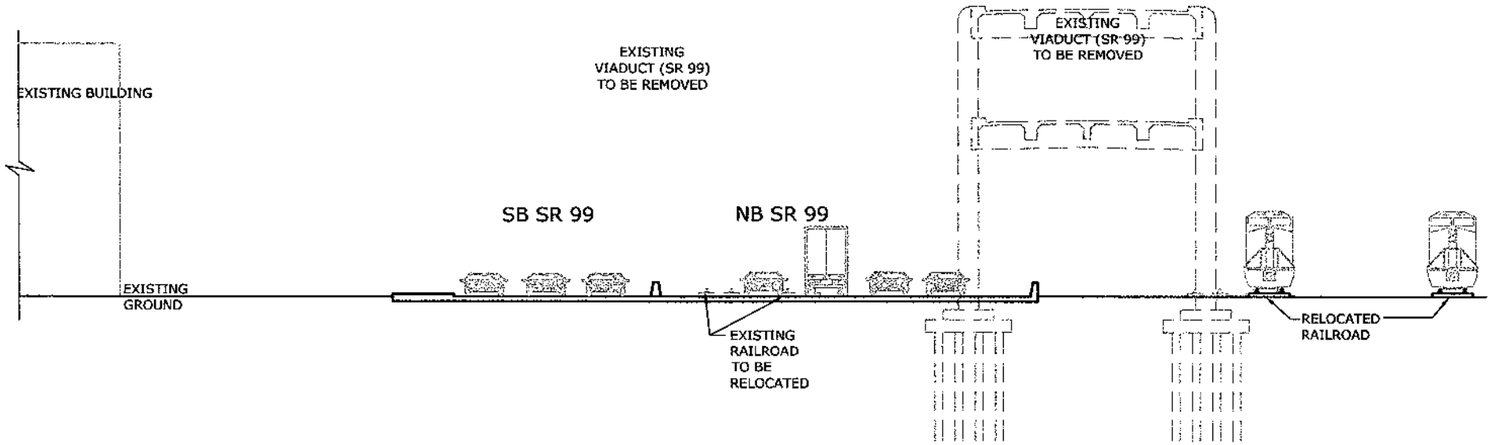
ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

OPTION TO SURFACE ALTERNATIVE
EXISTING MERCER UNDERPASS

FIGURE NO
S-31

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-31.DWG



CROSS-SECTION B ALTERNATIVE OPTION FROM FIGURE S-30

GRAPHIC SCALE

0 15 30 45 60 90

SCALE IN FEET

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ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA
CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SURFACE ALTERNATIVE
CROSS SECTIONS, FROM FIGURE S-30

FIGURE NO. S-32

PLOTTING DATE : 020404 11:

FILENAME: U:\CADD\25314S2_ACAD\SHT\DEIS_FIGS\S\S-32.DWG