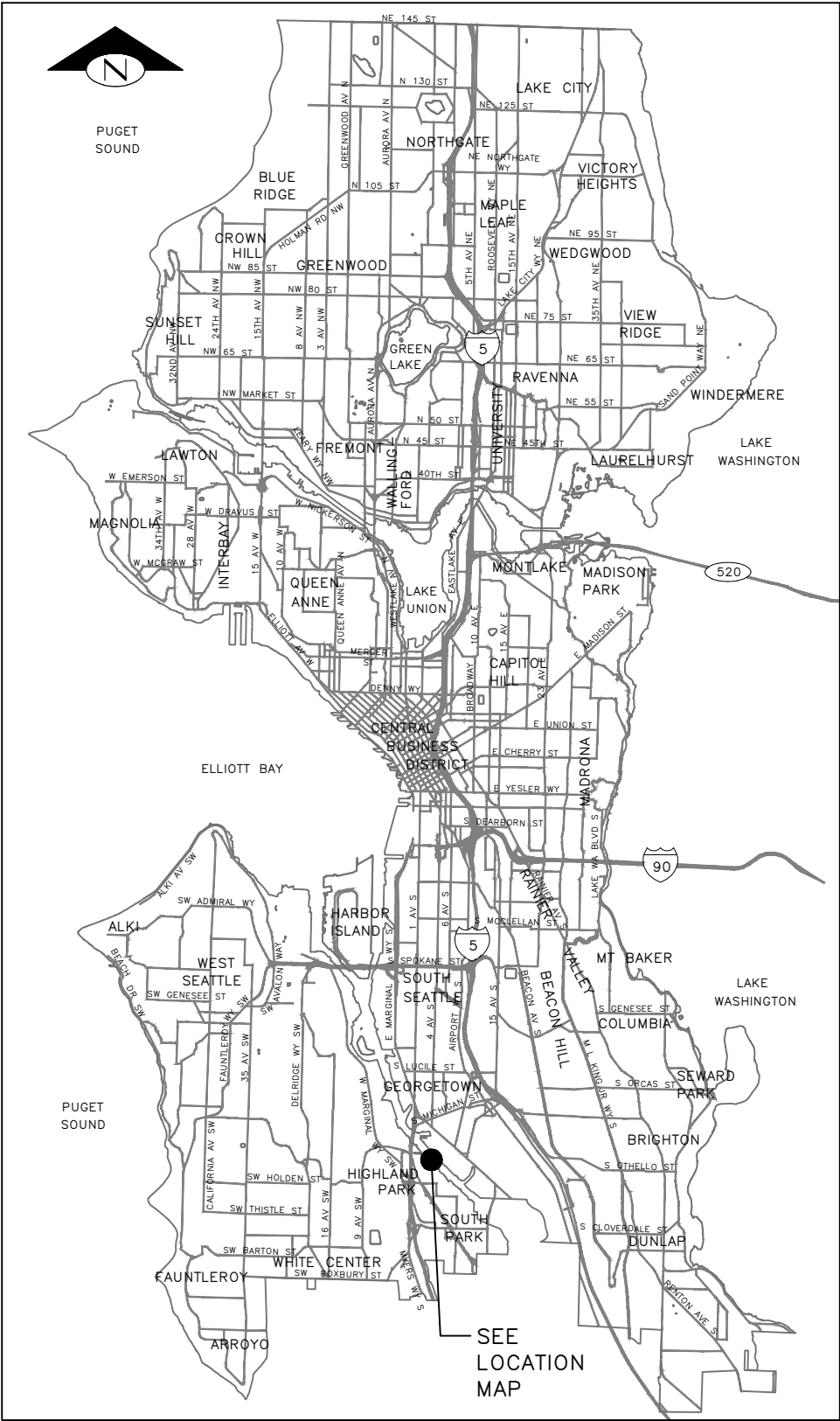
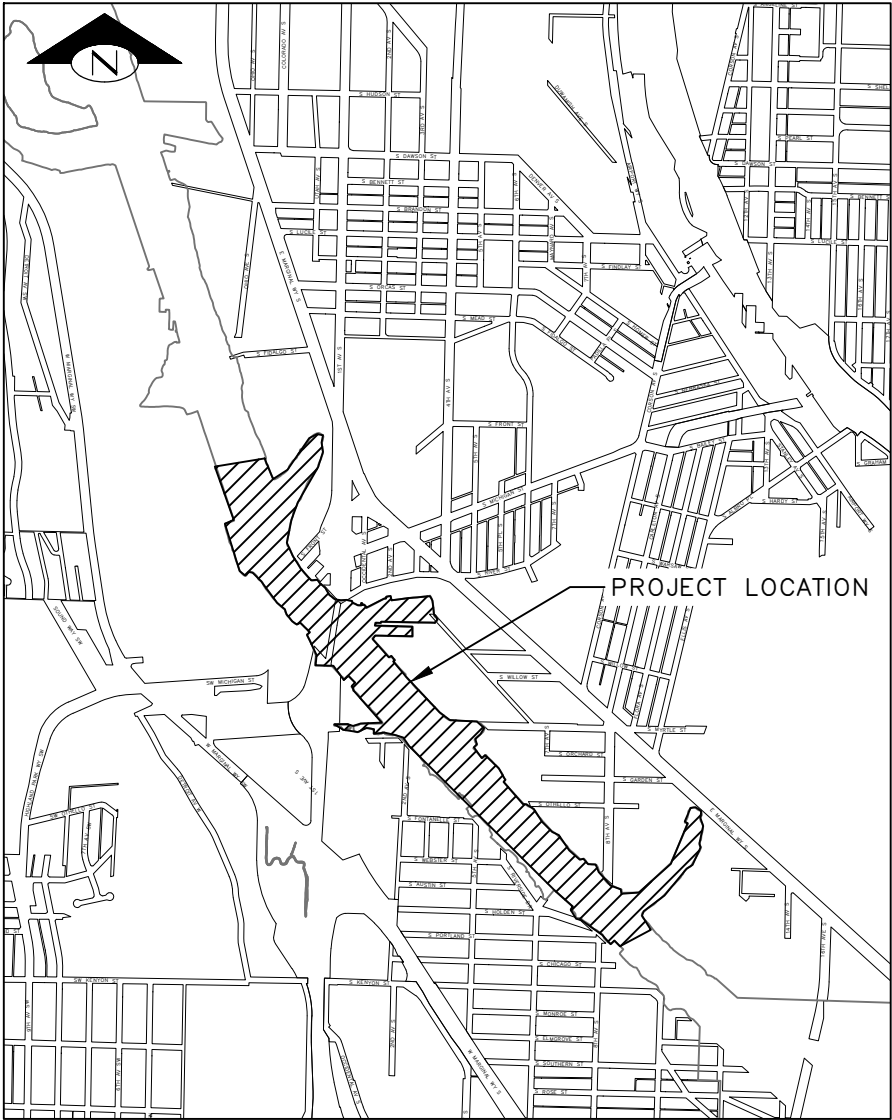
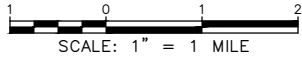


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hmmrick Jul-31-26 12:14pm

VAULT	SERIAL #	DATE	MARK	NATURE		MADE	CHK'D	REV'D
				REVISIONS				



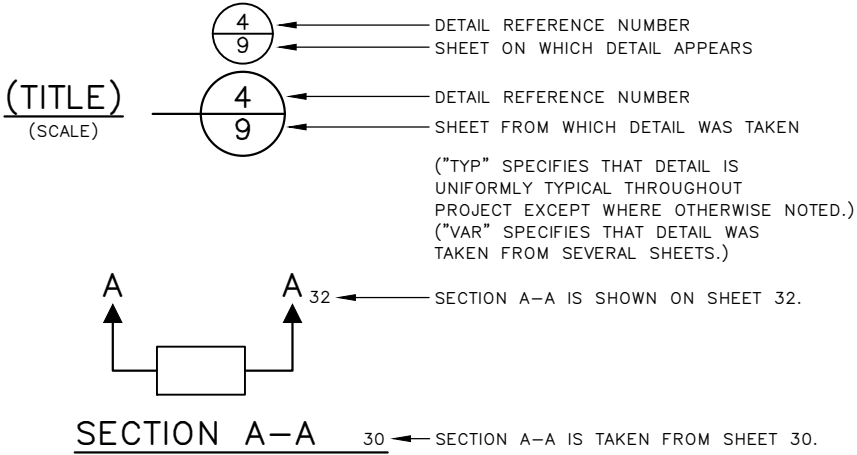
VICINITY MAP



LOCATION MAP

SCALE: 1" = 400'

DETAIL AND SECTION REFERENCING



60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE

DESIGNED HS
CHECKED RD

DRAWN JR/TG
CHECKED KG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE

REVIEWED:
DES. CONST.
SDOT PROJ. MGR.

RECEIVED
REVISED AS BUILT



ORDINANCE NO.

PW NO.

SCALE:

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB

PC

CO

VPI #

G-001

SHEET

1

OF

70

COVER SHEET

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"

ONE INCH
↑
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

[illegible]

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merrick Jul-31-26 12:14pm

ONE INCH

AT FULL SIZE. IF NOT ONE INCH SCALE ACCORDINGLY

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCK IS "BLUE"

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



INITIALS AND DATE

INITIALS AND DATE

DES.	CONST.
SDOT	PROJ. MGR.

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

Seattle Public Utilities

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

(B)	PO
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PC

VPI #

#

G-002

SHEET

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7

UNLESS OTHERWISE NOTED:

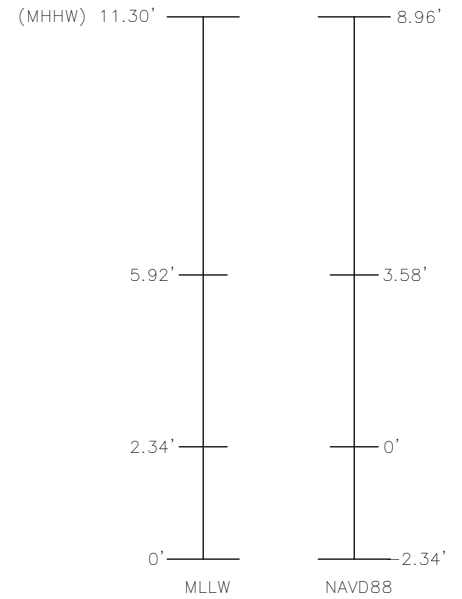
1. ALL WORK SHALL CONFORM TO THE 2020 CITY OF SEATTLE (COS) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, THE 2020 CITY OF SEATTLE STANDARD PLANS, AND SEATTLE DEPARTMENT OF TRANSPORTATION (SDOT) DIRECTORS RULE 01-2017 FOR RIGHT OF WAY OPENING AND RESTORATION RULES (ROWORR). A COPY OF THESE DOCUMENTS SHALL BE ON SITE AT ALL TIMES DURING CONSTRUCTION.
2. A COPY OF THE APPROVED PLANS AND PERMITS MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
3. THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH ALL PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY. ALL PUBLIC ROADWAY OPERATIONS AND TRAFFIC CONTROL MEASURES SHALL BE CONDUCTED UNDER THE PROVISIONS OF AN APPROVED TRAFFIC CONTROL PLAN PER SDOT REQUIREMENTS AND COS SPECIFICATION SECTION 1-10.2(5).
4. PAVED SURFACES IN THE PUBLIC RIGHT OF WAY INCLUDING ROADWAYS, SIDEWALKS, AND CURBS THAT ARE DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL CONTACT THE UTILITIES UNDERGROUND LOCATION CENTER (1-800-424-5555) NO LESS THAN TWO DAYS AND NO MORE THAN 10 DAYS PRIOR TO ANY EXCAVATION THAT MIGHT AFFECT UNDERGROUND FACILITIES. SEE COS SPECIFICATIONS SECTION 1-07.28. A PRIVATE/THIRD PARTY LOCATE SERVICE SHALL BE USED TO LOCATE/IDENTIFY BURIED UTILITIES ON PRIVATE PROPERTY.
6. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF AND HAZARD CREATED BY OVERHEAD POWER AND OTHER UTILITIES. THE CONTRACTOR SHALL MEET WITH UTILITY OWNERS PRIOR TO CONSTRUCTION AND SHALL TAKE WHATEVER PRECAUTIONS ARE REQUIRED BY LAW AND REGULATIONS, UTILITY OWNERS, AND SAFE CONSTRUCTION PRACTICES. SEE COS SPECIFICATIONS SECTION 1-05.2 FOR FURTHER INFORMATION ON ELECTRICAL SAFETY AND RESPONSIBILITIES.
7. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
8. INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE ENGINEER MAY REQUIRE RECONSTRUCTION, AT CONTRACTOR'S EXPENSE, OF ITEMS THAT DO NOT MEET CITY STANDARDS OR THAT WERE CONSTRUCTED WITHOUT INSPECTION.
9. THE REQUIREMENTS OF THIS PLAN ARE THE MINIMUM REQUIREMENTS. THEY DO NOT REPLACE, REPEAL, ABROGATE, SUPERSEDE, OR AFFECT ANY OTHER MORE STRINGENT REQUIREMENTS, RULES, REGULATIONS, STANDARDS, OR RESTRICTIONS.
10. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION.
11. IN ACCORDANCE WITH COS SPECIFICATION SECTION 7-20.3, THE CONTRACTOR SHALL ADJUST ALL MAINTENANCE HOLE CASTINGS, DRAINAGE STRUCTURE LIDS, VALVE BOXES, AND UTILITY ACCESS STRUCTURES TO FINISHED GRADE WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS.
12. TRUCK TRAFFIC SHALL BE MINIMIZED THROUGH THE NEIGHBORHOODS. TRUCK TRAFFIC SHALL USE ARTERIAL ROUTES WHERE POSSIBLE.
13. THE CONTRACTOR SHALL COMPLY WITH CITY OF SEATTLE'S TRUCK-IDLING PROVISION OF 2008.

14. THE CONTRACTOR SHALL NOTIFY THE SEATTLE FIRE DEPARTMENT (SFD) AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUTOFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE CONTRACTOR SHALL ALSO NOTIFY THE DISPATCHER OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK. CONTACT THE SFD DISPATCHER AT (206)-386-1494 AND CAPTAIN BRIAN MAIER OF FIRE STATION 14 AT (206)-386-1414.
15. ANY CONSTRUCTION OR INSTALLATION ACTIVITIES AFFECTING TRANSIT OPERATIONS MUST BE COORDINATED THROUGH METRO TRANSIT CONSTRUCTION INFORMATION CENTER. FOR NOTIFICATION INFORMATION AND GUIDELINES, PLEASE VISIT: [HTTP://WWW.KINGCOUNTY.GOV/TRANSPORTATION/KCDOT/METROTRANSIT/CONSTRUCTION.ASPX](http://www.kingcounty.gov/transportation/kcdot/metrotransit/construction.aspx) OR CONTACT CONSTRUCTION COORDINATORS AT 206-477-1140. PLEASE PROVIDE FIVE BUSINESS DAYS NOTIFICATION FOR BUS REROUTES AND THREE BUSINESS DAYS NOTIFICATION FOR BUS STOP IMPACTS.

UNLESS OTHERWISE NOTED:

1. STATIONING AND OFFSETS ON SEWER PLAN AND PROFILE, AS WELL AS PAVING PLAN AND PROFILE, ARE RELATIVE TO SURVEY MONUMENT ALIGNMENT.
2. ALL PROPERTY CORNERS WITHIN THE PROJECT AREA SHALL BE REFERENCED OUT BY A SPU LAND SURVEYOR.
3. HORIZONTAL DATUM: NAD83-2011 EPOCH 2010.00
DERIVED FROM THE WSRN AND NGS CORS
- VERTICAL DATUM: MLLW
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REFERENCING AND REPLACING ALL SURVEY MONUMENTS PER RCW 58.24.040(8) AND PER SEATTLE STANDARD SPECIFICATIONS 2020 EDITION SECTION 1-07.28(17). THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES PUBLIC LAND SURVEY OFFICE PERMIT MUST BE SUBMITTED TO THE SPU LAND SURVEY SECTION FOUR DAYS PRIOR TO REMOVING OR DESTROYING A SURVEY MONUMENT TO ENSURE THE MONUMENTS ARE "TIED OUT". THE CONTRACTOR MAY REQUEST THAT THE SPU LAND SURVEY SECTION PERFORM THE REQUIRED SURVEY MONUMENT PERMITTING AND SURVEYING (SPU LAND SURVEY SECTION: 206-866-6093 OR SPU_LANDSURVEY@SEATTLE.GOV)
5. ALL SURVEYING AND STAKING OF IMPROVEMENTS ARE TO BE PROVIDED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE, IN ACCORDANCE WITH COS STANDARDS.
6. SOURCE OF SURVEY DATA:
 - 6.1. TOPOGRAPHIC AND BATHYMETRIC SURVEY DATA WERE MERGED BY ANCHOR QEA TO PROVIDE A CONTINUOUS ELEVATION DATA SET. DATA SET INCLUDES 2021 / 2023 BATHYMETRY DATA, 2024 TOPOGRAPHY DATA, AND VARIOUS INTERPOLATED PATCHES.
 - 6.2. BATHYMETRIC SURVEY WAS COMPLETED BY NORTHWEST HYDRO INC. DATE OF SURVEY: 2021, JANUARY AND JUNE 2023.
 - 6.3. THE PHOTOGRAMMETRIC SURVEY WAS COMPLETED BY MILLER CREEK ASSOCIATES. DATE OF SURVEY: JUNE 6, 2024.
 - 6.4. THE UPLAND TOPOGRAPHIC SURVEY WAS COMPLETED BY TRUE NORTH LAND SURVEYING, INC. DATE OF SURVEY: AUGUST 19-23, 2024.

NOAA STATION 9447130



NOT TO SCALE

60% SUBMITTAL (NOT FOR CONSTRUCTION)

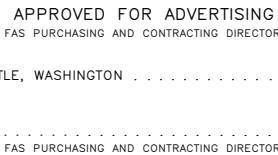
 Lower Duwamish Waterway Group <i>City of Seattle / King County / The Boeing Company</i>	APPROVED FOR ADVERTISING FAS PURCHASING AND CONTRACTING DIRECTOR		INITIALS AND DATE DESIGNED HS CHECKED RD		INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.		 Seattle Public Utilities ORDINANCE NO. PW NO. SCALE:	LOWER DUWAMISH WATERWAY MIDDLE REACH SEDIMENT CLEANUP		JOB PC CO
	SEATTLE, WASHINGTON 20		DRAWN JR/TG CHECKED KG		RECEIVED REVISED AS BUILT			VPI #	G-003	
	BY: FAS PURCHASING AND CONTRACTING DIRECTOR		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.					SHEET	3 OF 70	

ONE INCH

AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCK IS "BLUE" [REDACTED]

\\projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Existing Conditions.dwg
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**Seattle
Public Utilities**

ORDINANCE NO. _____ PW NO. _____

SCALE: AS NOTED

EXISTING CONDITIONS PLAN (1 OF 9)

JOB	PC
	CO
VPI #	
V-101	
SHEET	4 OF 70

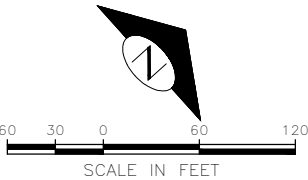


KEY MAP
SCALE: 1"=2000'

LEGEND:

- | | |
|---|-------------------------------------|
|  | MATCHLINE |
|  | USACE CHANNEL CENTERLINE |
|  | FEDERAL NAVIGATION CHANNEL |
|  | PROPERTY BOUNDARY |
|  | RIVER MILE LABEL |
|  | MEAN HIGHER HIGH WATER LINE |
|  | EXISTING GRADE CONTOURS IN FEET ML |
|  | (2' & 10' INTERVALS) |
|  | SAMPLE LOCATION |
|  | EXISTING OUTFALL |
|  | EXISTING PILE |
|  | STRUCTURES (APPROXIMATE) |
|  | EARLY ACTION AREAS |
|  | AREA OF OBSERVED DEBRIS |
|  | UTILITY CORRIDOR |
|  | MILLER CREEK AERIAL IMAGERY EXTENTS |

ST-XX = STRUCTURE
OF-XX = OUTFALL



NOTES:

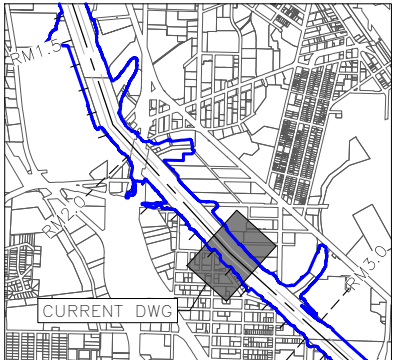
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WASHINGTON STATE PLANE, NORTH ZONE, U.S.
SURVEY FEET
2. VERTICAL DATUM: MLLW
3. HIGH RESOLUTION AERIAL IMAGERY BY MILLER
CREEK ASSOCIATES ACQUIRED JUNE 2024.

ONE INCH

AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

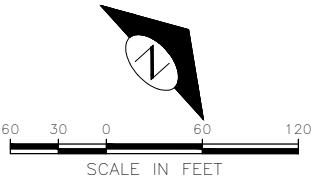
PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCK IS "BLUE" [REDACTED]

VAULT	SERIAL #	DATE	MARK	NATURE	REVISIONS	MADE	CHKD	REV'D



- LEGEND:
- MATCHLINE
 - USACE CHANNEL CENTERLINE
 - FEDERAL NAVIGATION CHANNEL
 - PROPERTY BOUNDARY
 - RIVER MILE LABEL
 - MEAN HIGHER HIGH WATER LINE
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ST-XX = STRUCTURE
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- NOTES:
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WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
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 - HIGH RESOLUTION AERIAL IMAGERY BY MILLER CREEK ASSOCIATES ACQUIRED JUNE 2024.

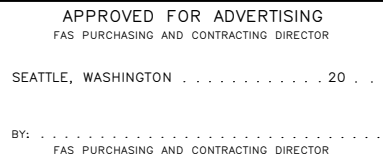
60% SUBMITTAL (NOT FOR CONSTRUCTION)

EXISTING CONDITIONS PLAN (3 OF 9)

 City of Seattle / King County / The Boeing Company	APPROVED FOR ADVERTISING FAS PURCHASING AND CONTRACTING DIRECTOR SEATTLE, WASHINGTON 20 BY: FAS PURCHASING AND CONTRACTING DIRECTOR	INITIALS AND DATE DESIGNED HS CHECKED RD DRAWN JR/TG CHECKED KG ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR. RECEIVED REVISED AS BUILT	 ORDINANCE NO. PW NO. SCALE:	LOWER DUWAMISH WATERWAY MIDDLE REACH SEDIMENT CLEANUP	JOB NO. PC CO. VPI # SHEET 6 OF 70
						V-103

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LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
	CO
VPI #	
V-104	
SHEET 7 OF 70	

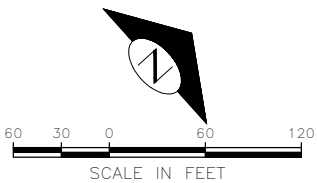


KEY MAP
SCALE: 1"=2000'

LEGEND:

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| | MATCHLINE |
| | USACE CHANNEL CENTERLINE |
| | FEDERAL NAVIGATION CHANNEL |
| | PROPERTY BOUNDARY |
| | RIVER MILE LABEL |
| | MEAN HIGHER HIGH WATER LINE |
| | EXISTING GRADE CONTOURS IN FEET MLLW
(2' & 10' INTERVALS) |
| | SAMPLE LOCATION |
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| | UTILITY CORRIDOR |
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ST-XX = STRUCTURE
OF-XX = OUTFALL



NOTES:

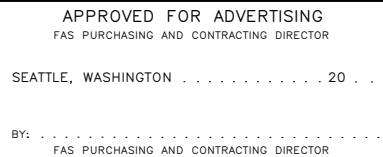
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WASHINGTON STATE PLANE, NORTH ZONE, U.S.
SURVEY FEET
2. VERTICAL DATUM: MLLW
3. HIGH RESOLUTION AERIAL IMAGERY BY MILLER
CREEK ASSOCIATES ACQUIRED JUNE 2024.

PLAN INTENDED TO BE VIEWED
IN COLOR, ADJACENT BLOCK IS
"BLUE" [REDACTED]

ONE INCH

AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

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 merrick Jul-31-26 12:16pm



**Seattle
Public Utilities**

ORDINANCE NO. _____ PW NO. _____

SCALE: _____

EXISTING CONDITIONS PLAN (5 OF 9)

JOB	PC
	CO
VPI #	
V-105	
SHEET	8 OF 70

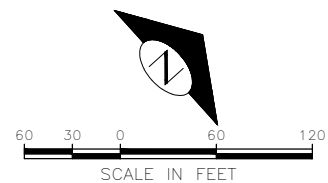


KEY MAP
SCALE: 1"=2000'

LEGEND:

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| | MATCHLINE |
| | USACE CHANNEL CENTERLINE |
| | FEDERAL NAVIGATION CHANNEL |
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| | RIVER MILE LABEL |
| | MEAN HIGHER HIGH WATER LINE |
| | EXISTING GRADE CONTOURS IN FEET MLLW
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ST-XX = STRUCTURE
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NOTES:

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WASHINGTON STATE PLANE, NORTH ZONE, U.S.
SURVEY FEET
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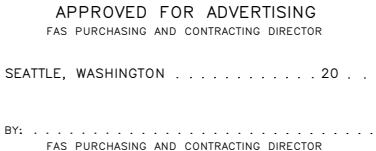
PLAN INTENDED TO BE VIEWED IN COLOR; ADJACENT BLOCK IS "BLUE" [REDACTED]

\\projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Existing Conditions.dwg
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JOB	PC
	CO
VPI #	
V-106	
SHEET	9 OF 70

\\projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Existing Conditions.dwg
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**Seattle
Public Utilities**

ORDINANCE NO. _____ PW NO. _____

SCALE: _____

EXISTING CONDITIONS PLAN (7 OF 9)

JOB
PC
CO
VPI #
V-107
SHEET 10 OF 70



- ST-XX = STRUCTURE
OF-XX = OUTFALL



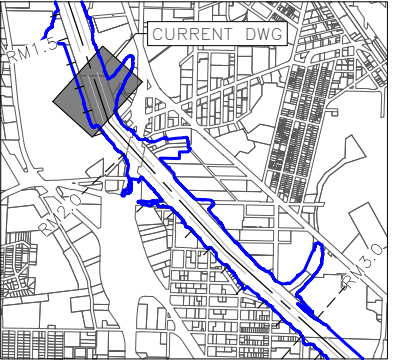
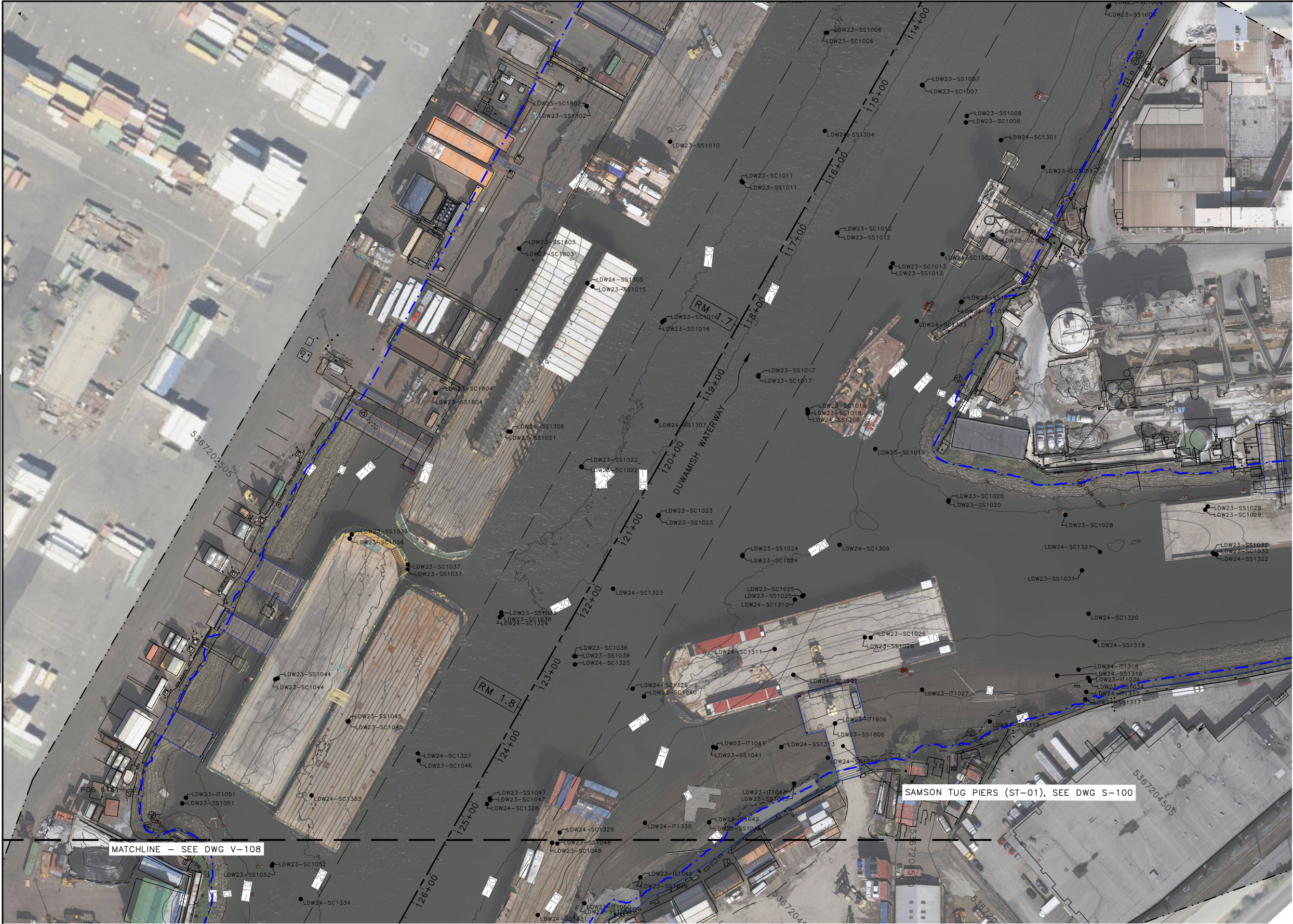
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WASHINGTON STATE PLANE, NORTH ZONE, U.S.
SURVEY FEET
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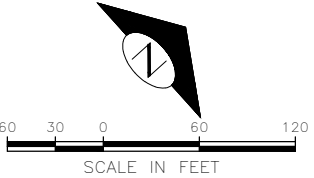
VAULT	SERIAL	#	DATE	MARK	NATURE	REVISIONS	MADE	CHKD	REV'D

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hmmrick Jul-31-26 12:17pm



- LEGEND:
- MATCHLINE
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 - PROPERTY BOUNDARY
 - RIVER MILE LABEL
 - MEAN HIGHER HIGH WATER LINE
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60% SUBMITTAL (NOT FOR CONSTRUCTION)

EXISTING CONDITIONS PLAN (9 OF 9)



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED HS		REVIEWED:	
CHECKED RD		DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN JR/TG		RECEIVED	
CHECKED KG		REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
CO	CO
VPI #	
	V-109
SHEET	12 OF 70

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ANCHOR
QEA

SEATTLE, WASHINGTON 20 .

SEATTLE, WASHINGTON 20 .

PW NO

PO

VPI $\frac{H}{L}$

1

C-100

SHEET 13 OF 70

LEGEND:

— — MATCHLINE

— — — — — USACE CHANNEL CENTERLINE

— — — — FEDERAL NAVIGATION CHANNEL

RM 1.7	RIVER MILE LABEL
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— . — . — MEAN HIGHER HIGH WATER LINE

 DREDGE PRISM FOOTPRINT BOUNDARY
(TOE OF CUT)

MATERIAL PLACEMENT RAA BOUNDARY



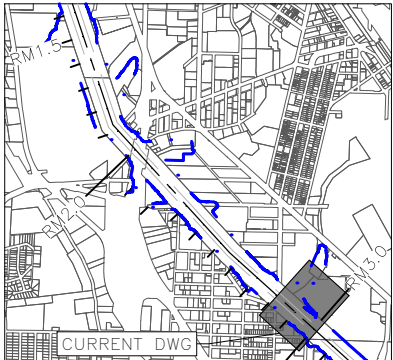
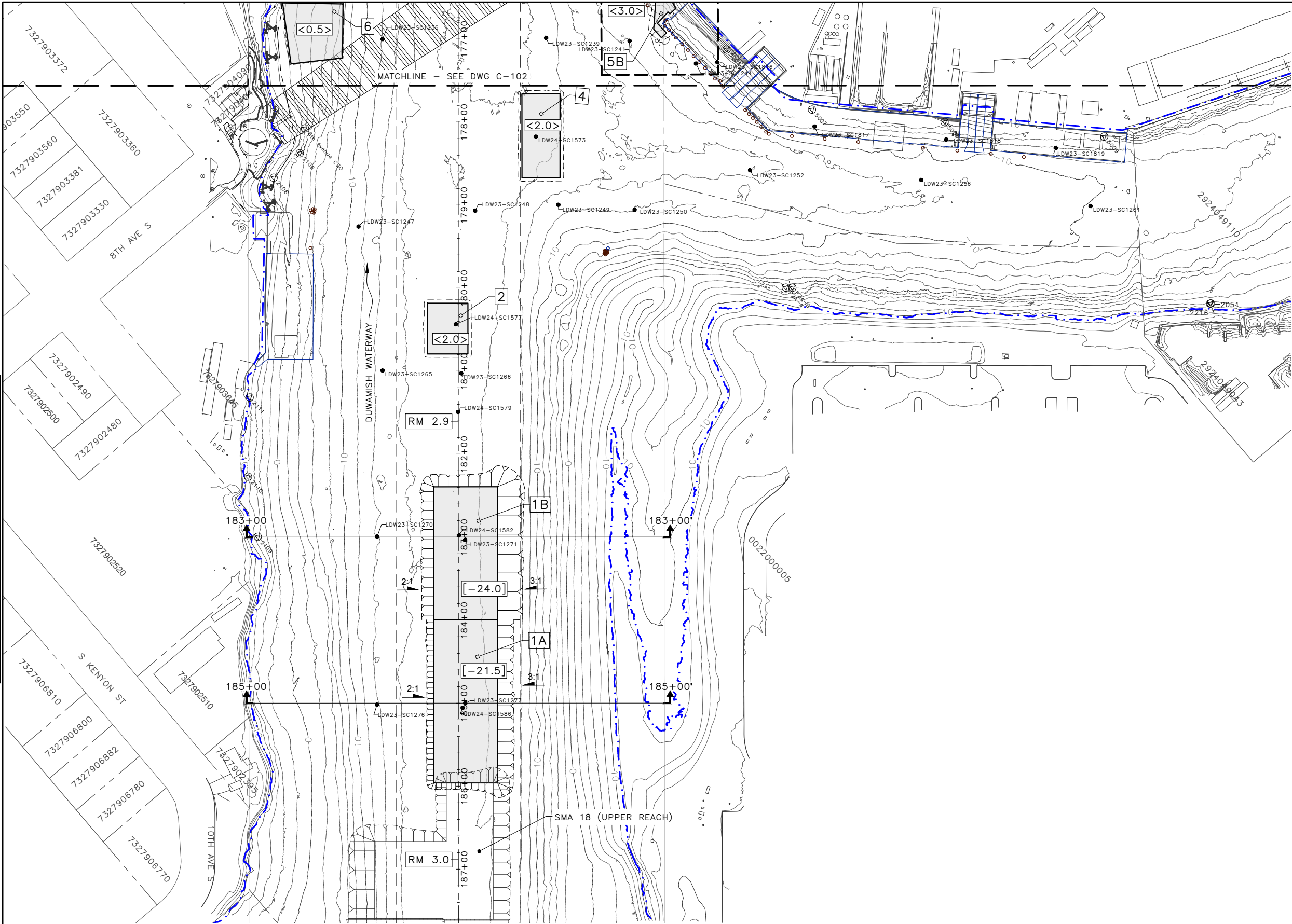
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©2025 TMAP MOBILITY EARTHSTAR
GEOGRAPHICS SIO

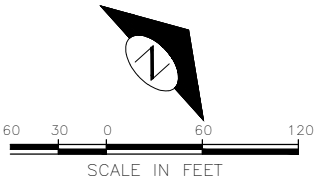
PLAN INTENDED TO BE VIEWED
IN COLOR, ADJACENT BLOCK IS
"COLOR"

ONE INCH

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hmarick Jul-31-26 12:18pm

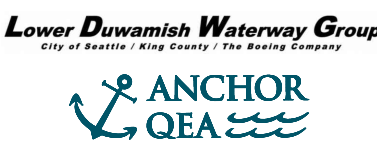


- LEGEND:
- MATCHLINE
 - USACE CHANNEL CENTERLINE
 - FEDERAL NAVIGATION CHANNEL
 - PROPERTY BOUNDARY
 - RM 1.7 RIVER MILE LABEL
 - MEAN HIGHER HIGH WATER LINE
 - EXISTING GRADE CONTOURS IN FEET MLLW (2' & 10' INTERVALS)
 - SAMPLE LOCATION
 - EXISTING OUTFALL
 - EXISTING PILE
 - STRUCTURES (APPROXIMATE)
 - UTILITY CORRIDOR
 - DREDGE PRISM FOOTPRINT BOUNDARY (TOE OF CUT)
 - ESTIMATED DREDGE PRISM DAYLIGHT BOUNDARY
 - DREDGE SLOPE SYMBOL
 - REQUIRED DREDGE ELEVATION IN FEET MLLW
 - REQUIRED DREDGE THICKNESS IN FEET
 - RAA NUMBER (REMEDIAL ACTION AREA)



- NOTES:
- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
 - VERTICAL DATUM: MLLW
 - TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS WILL BE FINALIZED DURING PRE-FINAL 90% RD.

60% SUBMITTAL (NOT FOR CONSTRUCTION)



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED HS	CHECKED RD	REVIEWED: DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN JR/TG	CHECKED KG	RECEIVED	
		REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			

Seattle Public Utilities
ORDINANCE NO. PW NO.
SCALE: AS NOTED

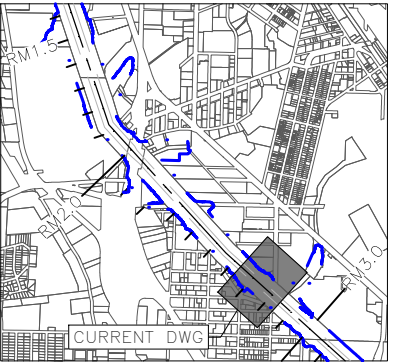
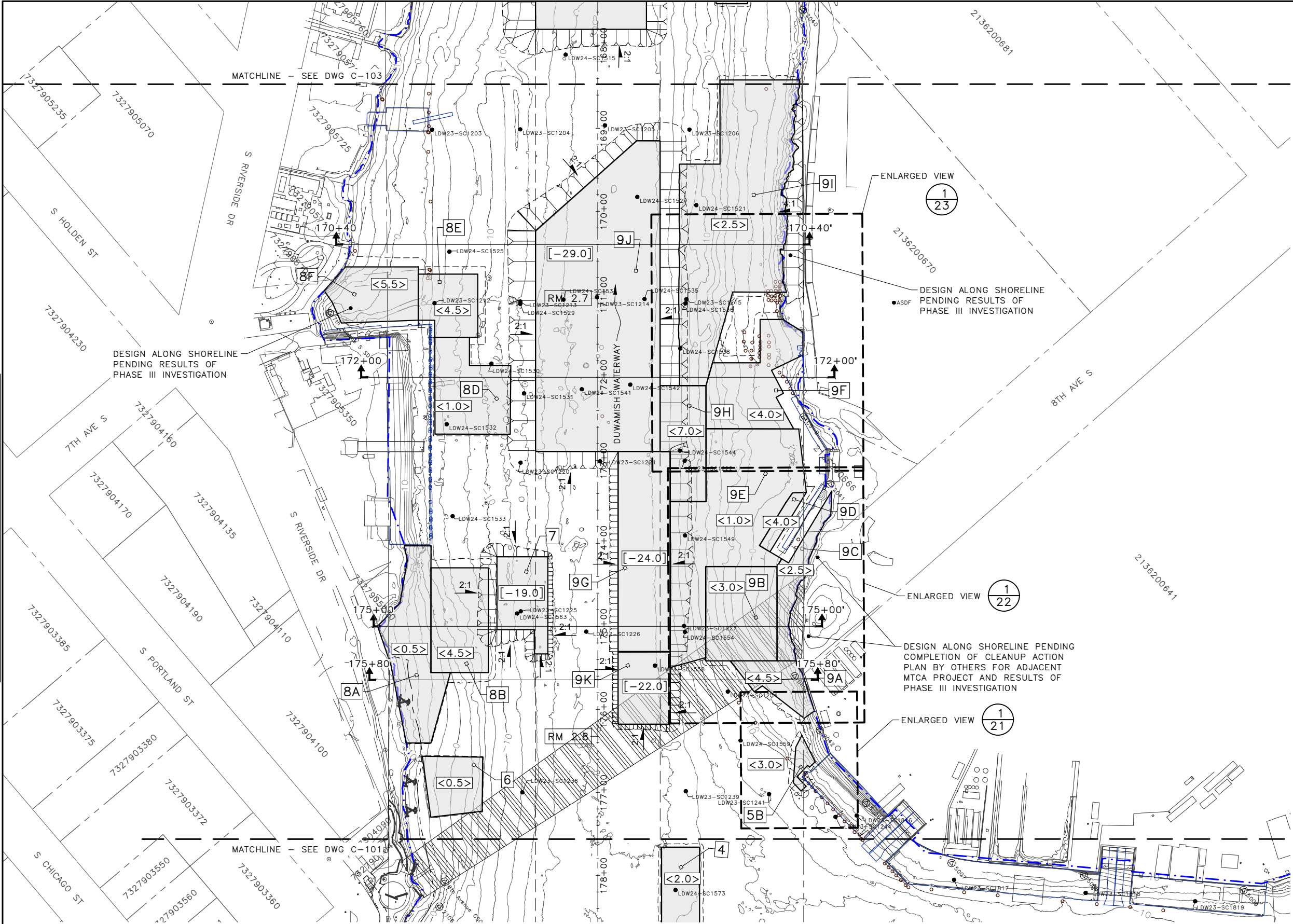
LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
CO	CO
VPI #	
C-101	
SHEET	14 OF 70

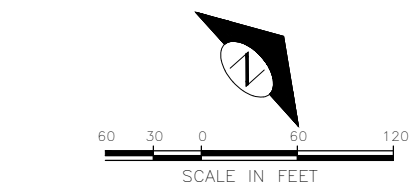
PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Plan.dwg
hmmrck Jul-31-26 12:18pm

VAULT	SERIAL #	DATE	MARK	REVISIONS		MADE	CHK'D	REV'D
				NATURE				



- LEGEND:
- MATCHLINE
 - USACE CHANNEL CENTERLINE
 - FEDERAL NAVIGATION CHANNEL
 - PROPERTY BOUNDARY
 - RIVER MILE LABEL
 - MEAN HIGHER HIGH WATER LINE
 - EXISTING GRADE CONTOURS IN FEET MLLW (2' & 10' INTERVALS)
 - SAMPLE LOCATION
 - EXISTING OUTFALL
 - EXISTING PILE
 - STRUCTURES (APPROXIMATE)
 - UTILITY CORRIDOR
 - DREDGE PRISM FOOTPRINT BOUNDARY (TOE OF CUT)
 - ESTIMATED DREDGE PRISM DAYLIGHT BOUNDARY
 - DREDGE SLOPE SYMBOL
 - REQUIRED DREDGE ELEVATION IN FEET MLLW
 - REQUIRED DREDGE THICKNESS IN FEET
 - RAA NUMBER (REMEDIAL ACTION AREA)



- NOTES:
- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
 - VERTICAL DATUM: MLLW
 - TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS WILL BE FINALIZED DURING PRE-FINAL 90% RD.

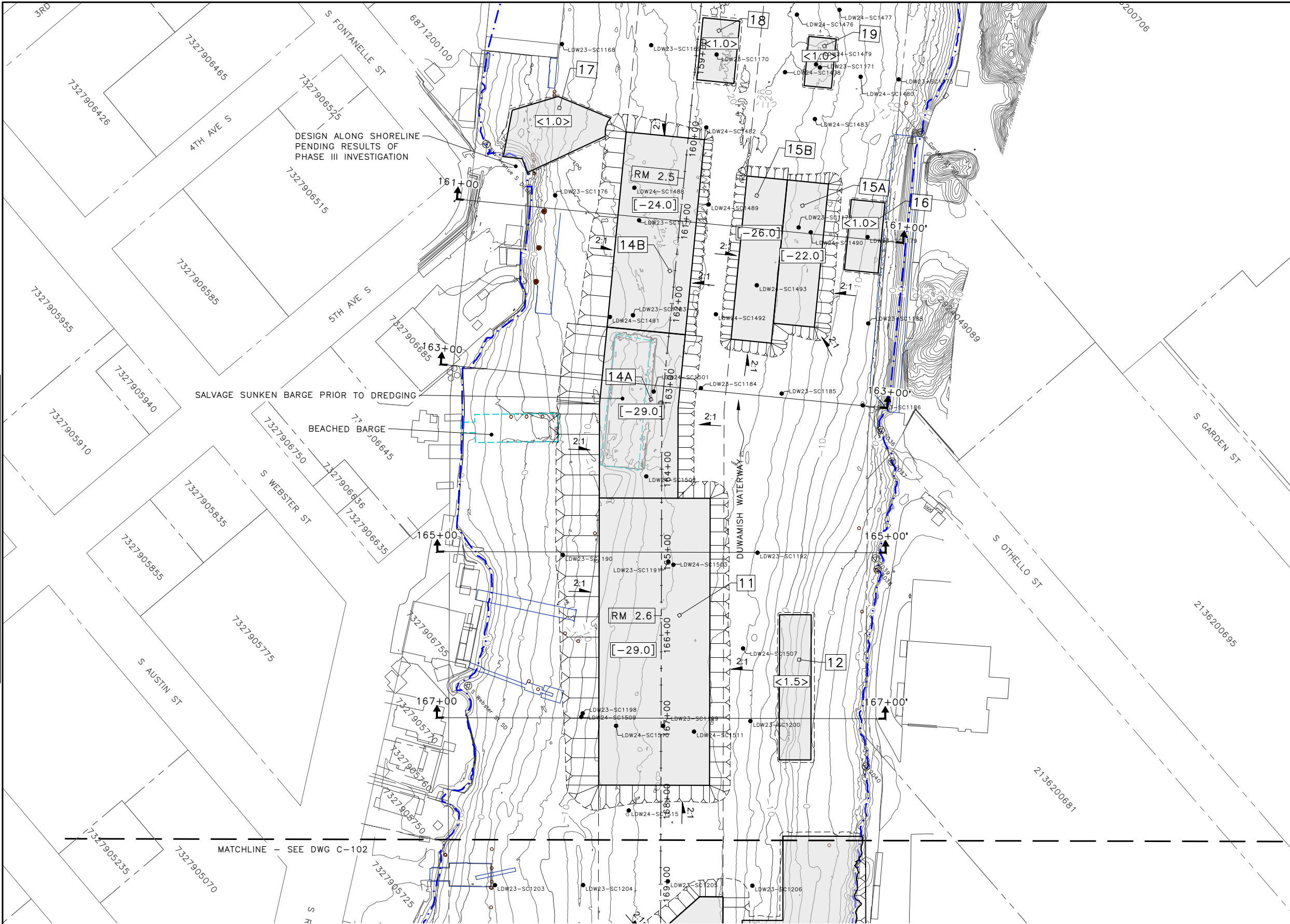
60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group <i>City of Seattle / King County / The Boeing Company</i>	APPROVED FOR ADVERTISING FAS PURCHASING AND CONTRACTING DIRECTOR	INITIALS AND DATE	INITIALS AND DATE		LOWER DUWAMISH WATERWAY MIDDLE REACH SEDIMENT CLEANUP	JOB # PC CO VPI # C-102	SHEET 15 OF 70
	SEATTLE, WASHINGTON 20	DESIGNED HS CHECKED RD	REVIEWED: DES. CONST. SDOT PROJ. MGR.				
BY:	FAS PURCHASING AND CONTRACTING DIRECTOR	DRAWN JR/TG CHECKED KG	RECEIVED REVISED AS BUILT	ORDINANCE NO. PW NO.	SCALE:		
		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.					

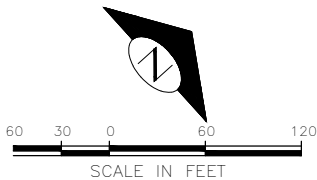
PLAN INTENDED TO BE VIEWED IN COLOR. ADJACENT BLOCK IS 'BLUE'

ONE INCH
↑
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Plan.dwg
hmmrck Jul-31-26 12:18pm



- LEGEND:
- MATCHLINE
 - USACE CHANNEL CENTERLINE
 - FEDERAL NAVIGATION CHANNEL
 - PROPERTY BOUNDARY
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 - MEAN HIGHER HIGH WATER LINE
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 - RAA NUMBER (REMEDIAL ACTION AREA)



- NOTES:
- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
 - VERTICAL DATUM: MLLW
 - TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS WILL BE FINALIZED DURING PRE-FINAL 90% RD.

60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE

DESIGNED HS

CHECKED RD

DRAWN JR/TG

CHECKED KG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE

REVIEWED:

DES. CONST.

SDOT PROJ. MGR.

RECEIVED

REVISED AS BUILT



ORDINANCE NO.

PW NO.

SCALE:

**LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP**

JOB

PC

CO

VPI #

C-103

SHEET

16

OF

70

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Plan.dwg
herrick Jul-31-26 12:19pm



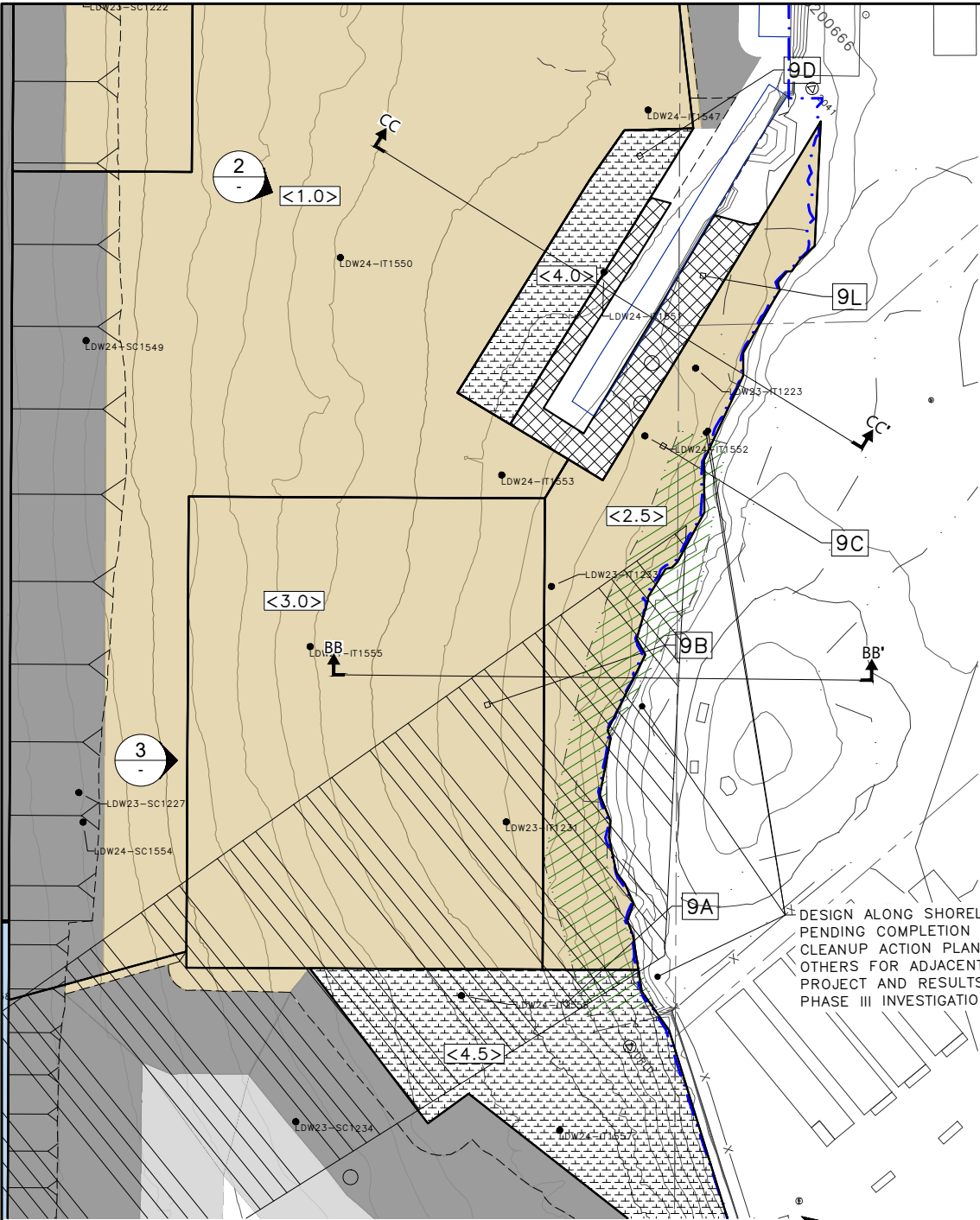
ANCHOR
QEA

SCALE:

JOB	PC
	CO
VPI #	
C-107	
SHEET	20 OF 70

NOT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Plan_Zoomed Views.dwg
hmmrck Jul-31-26 12:21pm



ENLARGED PLAN VIEW 1
SCALE: 1" = 20'

- LEGEND:
- AMENDED ENR
 - MODIFIED CAP
 - REQUIRED RMC
 - CONTINGENT OUTER PERIMETER RMC ONLY AS DIRECTED BY THE PROJECT REPRESENTATIVE
 - BACKFILL TO RESTORE GRADE
 - AREA OF OBSERVED DEBRIS

- NOTES:
- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
 - VERTICAL DATUM: MLLW
 - SEE LEGEND ON DRAWING C-101 AND C-301.

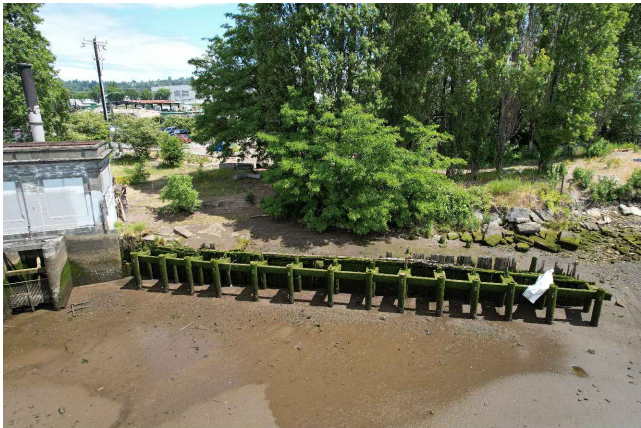
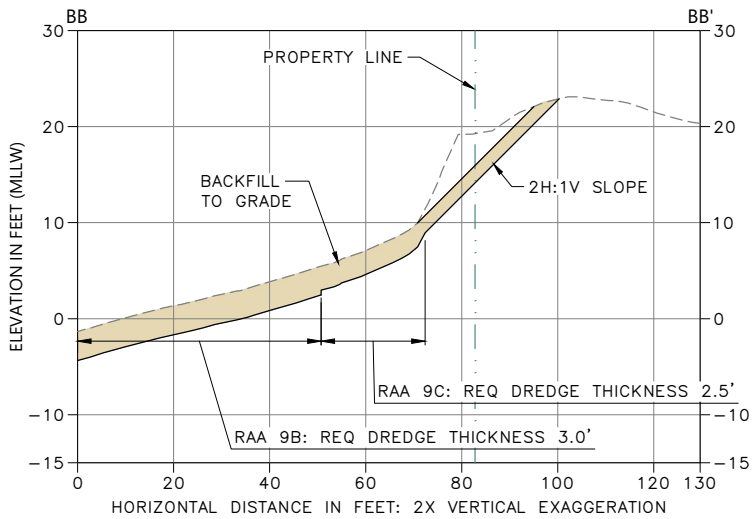


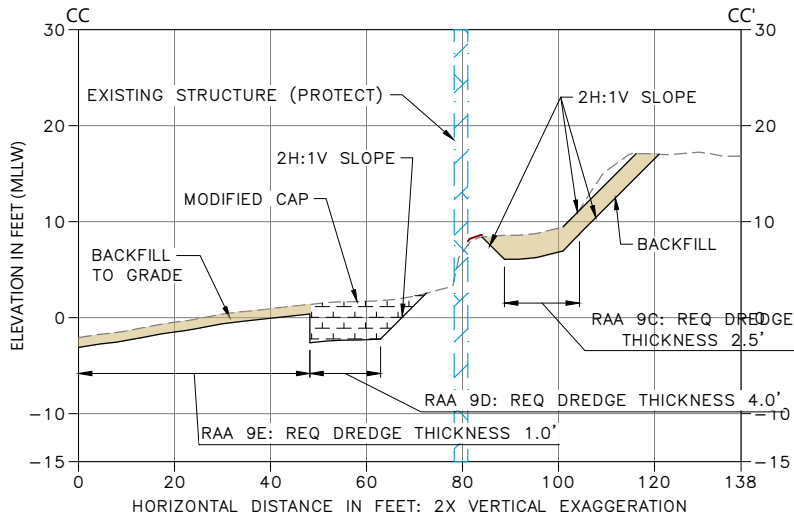
PHOTO 2
NTS



PHOTO 3
NTS



SECTION BB-BB' SHEET 22
SCALE: HOR 1"=20'; VER 1"=10'



SECTION CC-CC' SHEET 22
SCALE: HOR 1"=20'; VER 1"=10'

NOTE: PLACE AMENDED ENR MATERIAL BETWEEN HISTORIC STRUCTURE AND MODIFIED CAP OR BACKFILL AREAS

60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED HS		REVIEWED: DES.	CONST.
CHECKED RD		SDOT	PROJ. MGR.
DRAWN JR/TG		RECEIVED	
CHECKED KG		REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



ORDINANCE NO. PW NO.

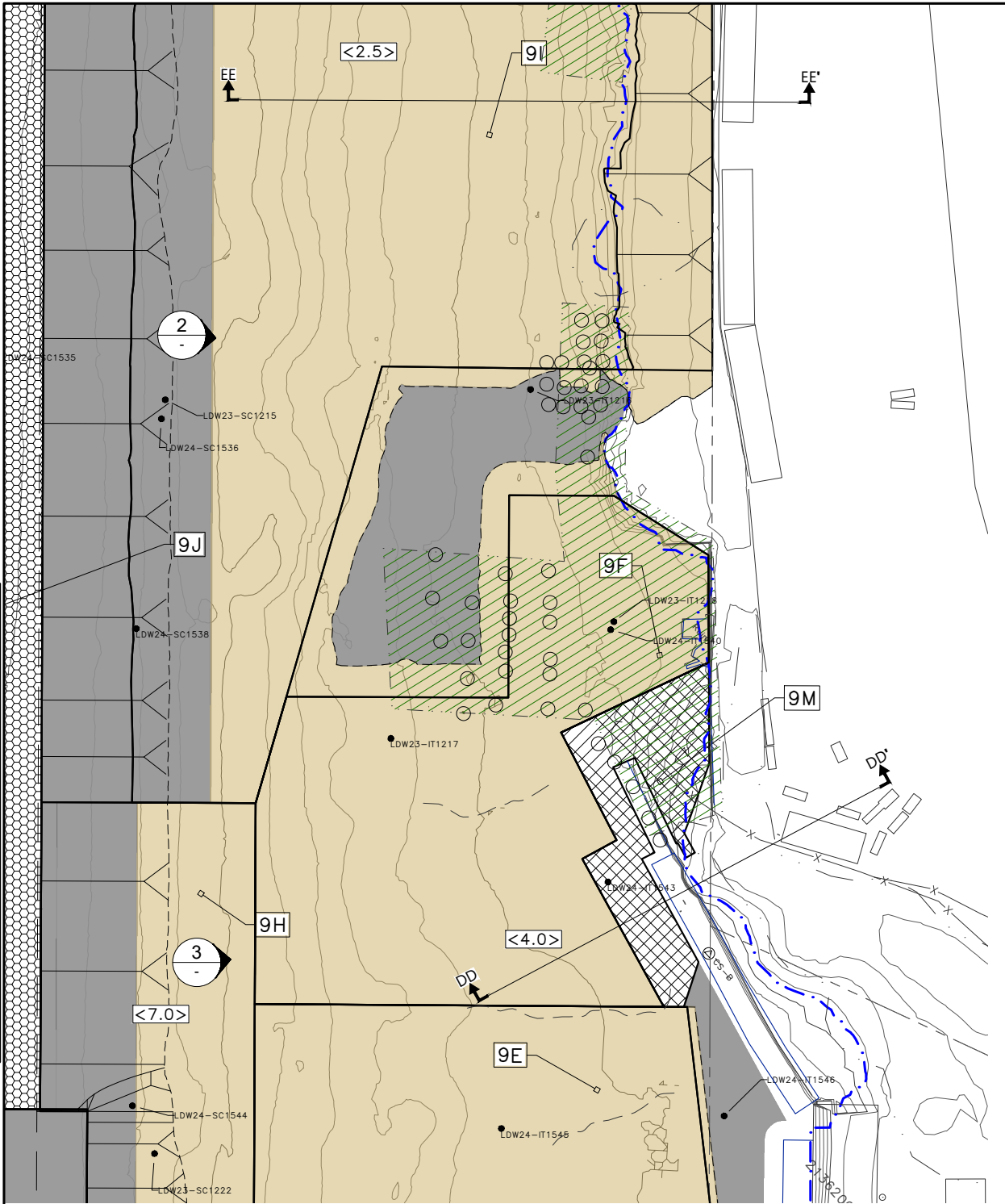
SCALE:

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
CO	CO
VPI #	
C-151	
SHEET 22 OF 70	

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Plan_Zoomed View.dwg
hmmrick Jul-31-26 12:21pm



ENLARGED PLAN VIEW 1
SCALE: 1" = 20'

- LEGEND:
- AMENDED ENR
 - REQUIRED RMC
 - CONTINGENT OUTER PERIMETER RMC ONLY AS DIRECTED BY THE PROJECT REPRESENTATIVE
 - BACKFILL TO RESTORE GRADE
 - AREA OF OBSERVED DEBRIS

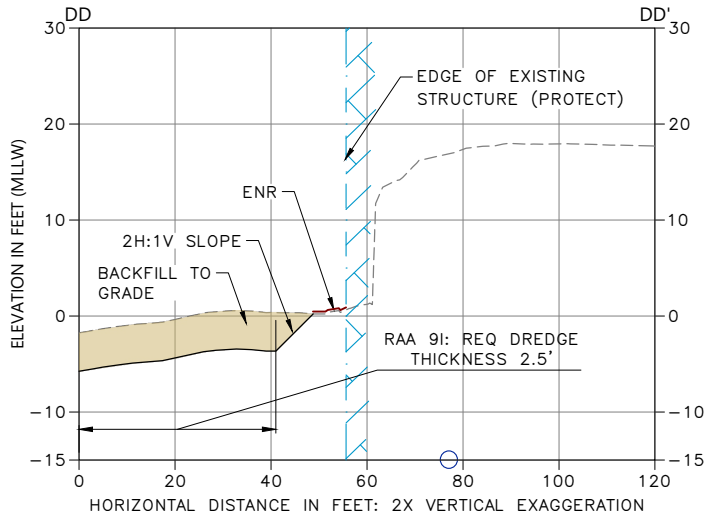
- NOTES:
- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
 - VERTICAL DATUM: MLLW
 - SEE LEGEND ON DRAWING C-101 AND C-301.



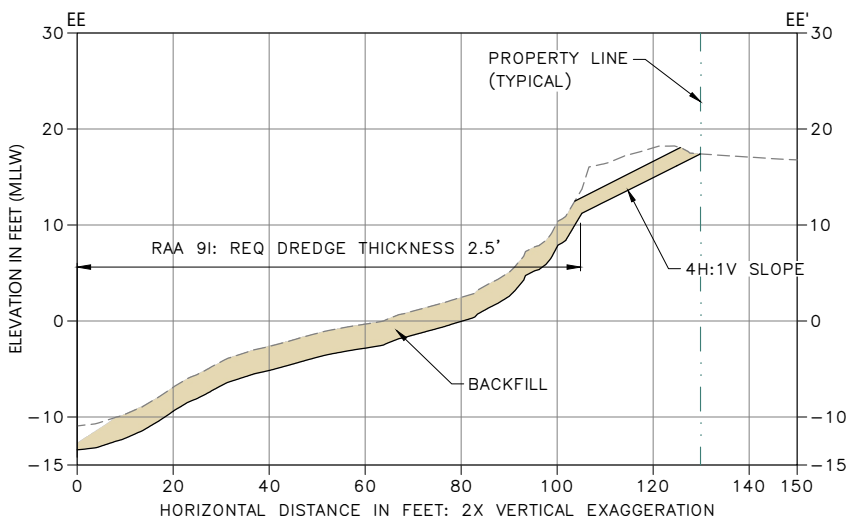
PHOTO 2
NTS



PHOTO 3
NTS

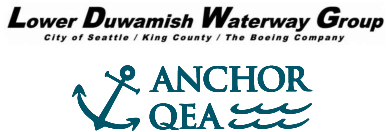


SECTION DD-DD' SHEET 23
SCALE: HOR 1"=20'; VER 1"=10'



SECTION EE-EE' SHEET 23
SCALE: HOR 1"=20'; VER 1"=10'

60% SUBMITTAL (NOT FOR CONSTRUCTION)



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR
SEATTLE, WASHINGTON 20
BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE
DESIGNED HS
CHECKED RD
DRAWN JR/TG
CHECKED KG
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Seattle Public Utilities
ORDINANCE NO. PW NO.
SCALE:

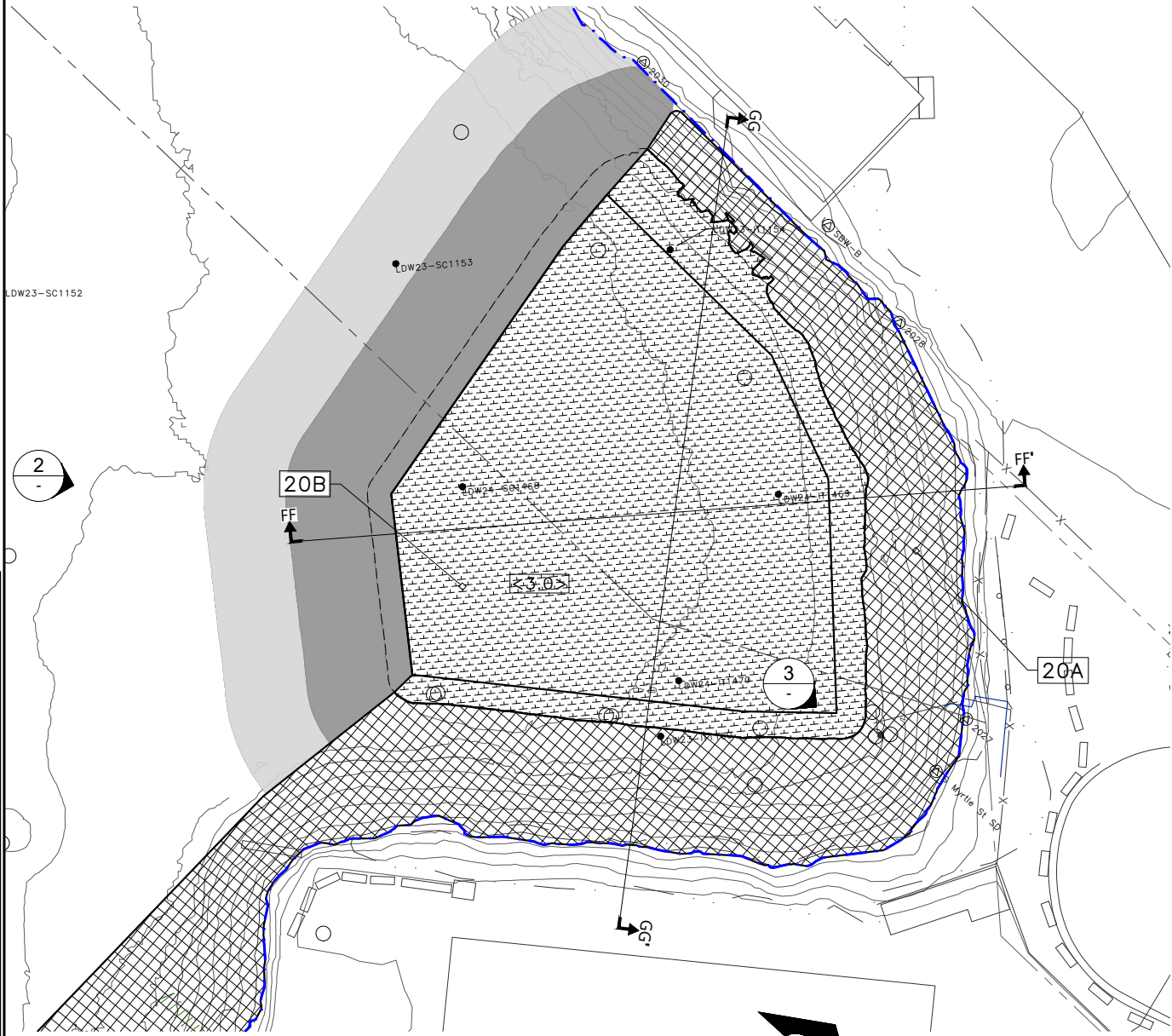
LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB NO. PC CO
VPI #
C-152
SHEET 23 OF 70

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

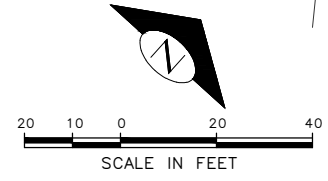
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hmmrick Jul-31-26 12:21pm

VAULT	SERIAL #	DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D



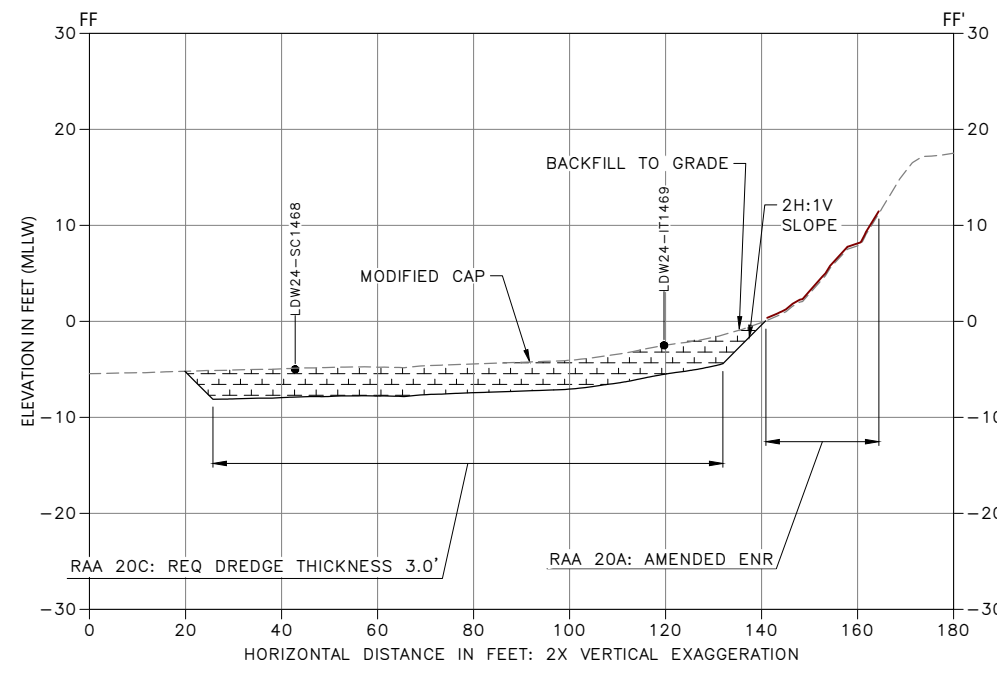
ENLARGED PLAN VIEW
SCALE: 1" = 20'

1

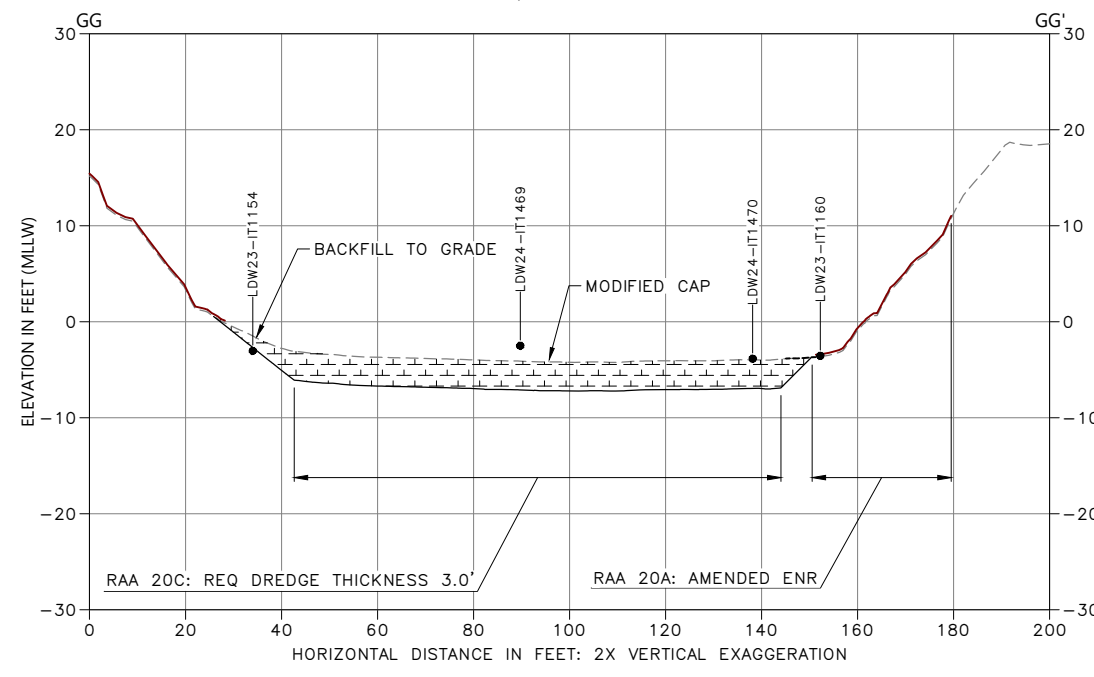


- LEGEND:
- AMENDED ENR
 - MODIFIED CAP
 - REQUIRED RMC
 - CONTINGENT OUTER PERIMETER RMC ONLY AS DIRECTED BY THE PROJECT REPRESENTATIVE

- NOTES:
- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
 - VERTICAL DATUM: MLLW
 - SEE LEGEND ON DRAWING C-101 AND C-301.



SECTION FF-FF' SHEET 24
SCALE: HOR 1"=20'; VER 1"=10'



SECTION GG-GG' SHEET 24
SCALE: HOR 1"=20'; VER 1"=10'

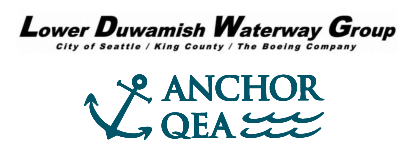


PHOTO 2
NTS



PHOTO 3
NTS

60% SUBMITTAL (NOT FOR CONSTRUCTION)



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FAS PURCHASING AND CONTRACTING DIRECTOR
SEATTLE, WASHINGTON 20
BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED HS	CHECKED RD	REVIEWED: DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN JR/TG	CHECKED KG	RECEIVED	
		REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			

Seattle Public Utilities
ORDINANCE NO. PW NO.
SCALE:

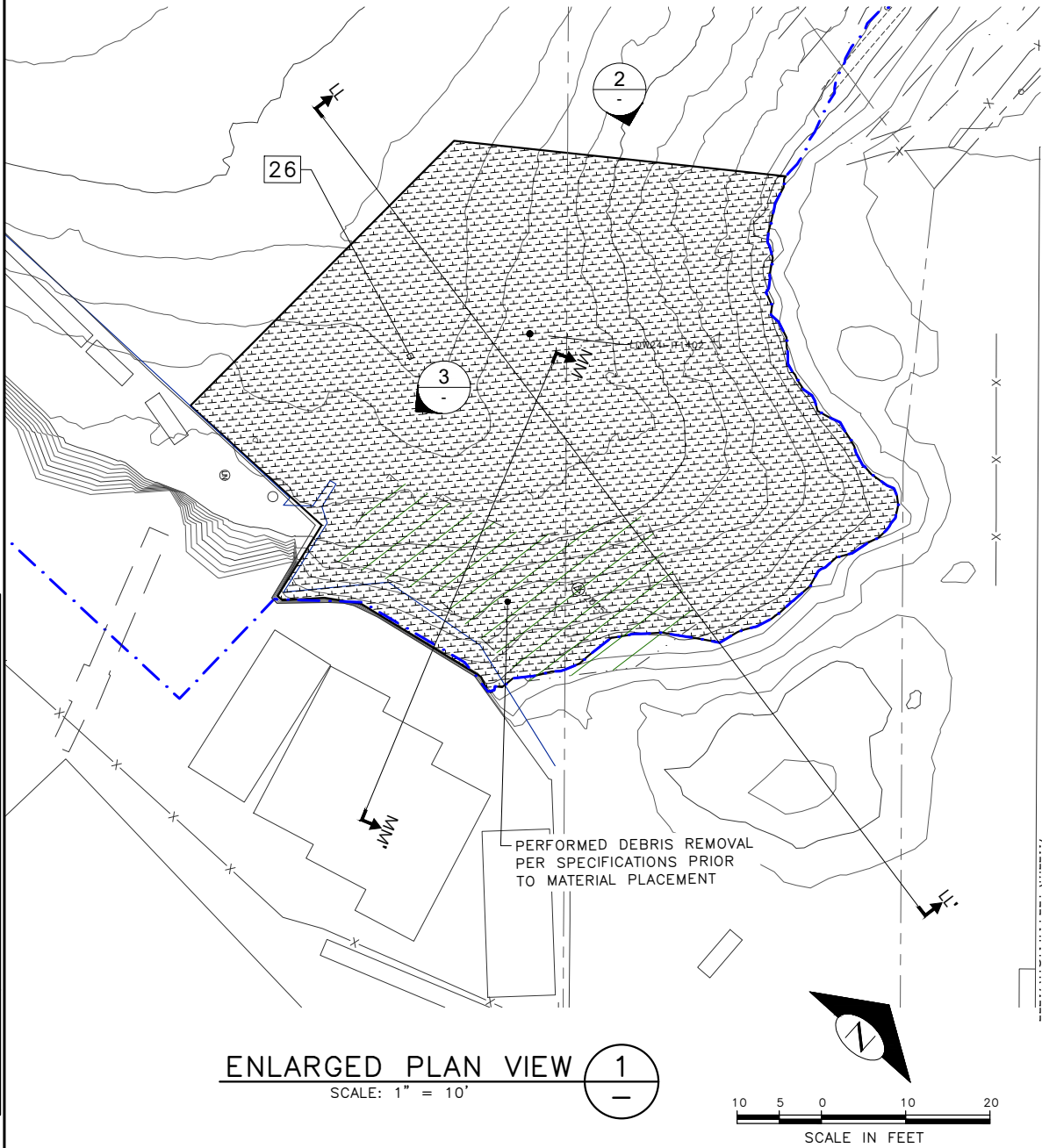
LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
CO	
VPI #	
C-153	
SHEET 24 OF 70	

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Plan_Zoomed View.dwg
hmmrick Jul-31-26 12:24pm

VAULT	SERIAL #	DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D



- LEGEND:
- MODIFIED CAP
 - AREA OF OBSERVED DEBRIS

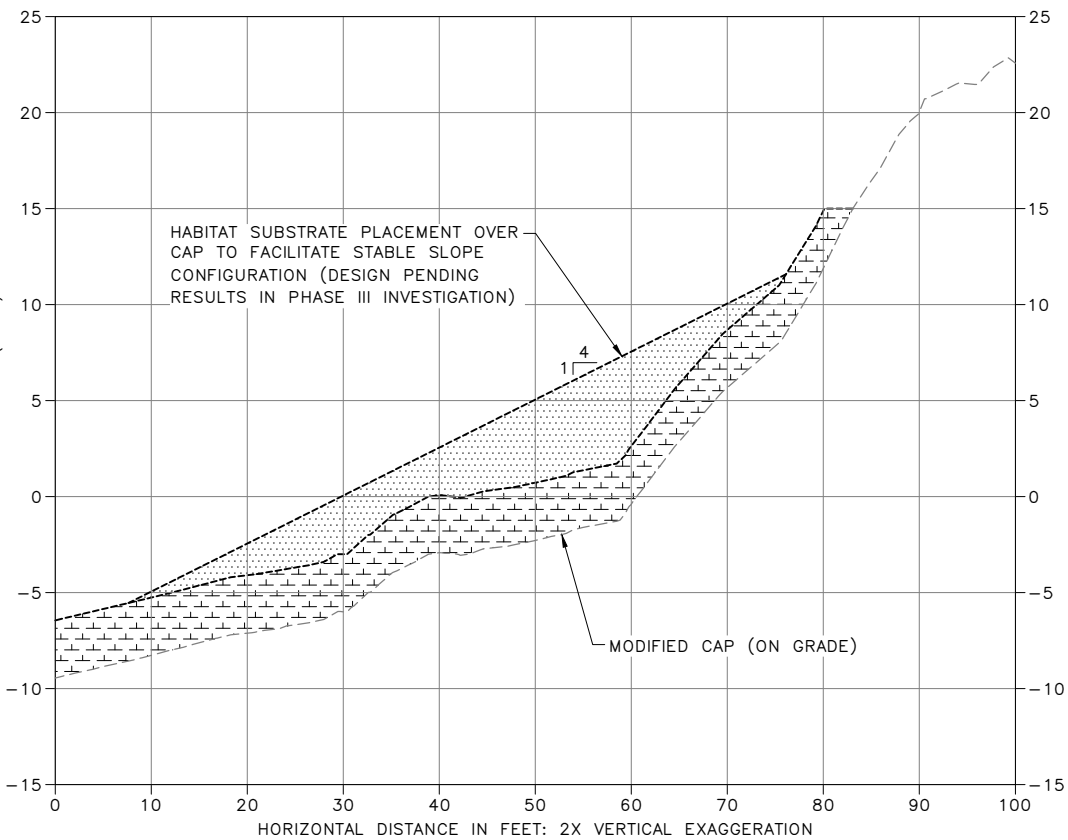
- NOTES:
- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
 - VERTICAL DATUM: MLLW
 - SEE LEGEND ON DRAWING C-101 AND C-301.



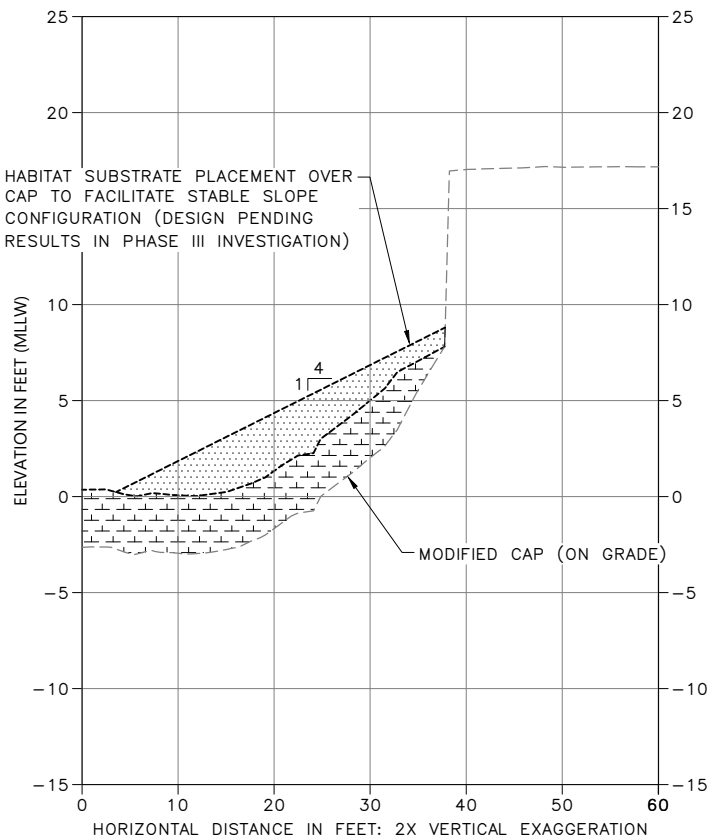
PHOTO 2
NTS



PHOTO 3
NTS



SECTION LL-LL' SHEET 27
SCALE: HOR 1"=10'; VER 1"=5'



SECTION MM-MM' SHEET 27
SCALE: HOR 1"=10'; VER 1"=5'

60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE

DESIGNED HS
CHECKED RD

DRAWN JR/TG
CHECKED KG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE

REVIEWED:
DES. CONST.
SDOT PROJ. MGR.

RECEIVED
REVISED AS BUILT



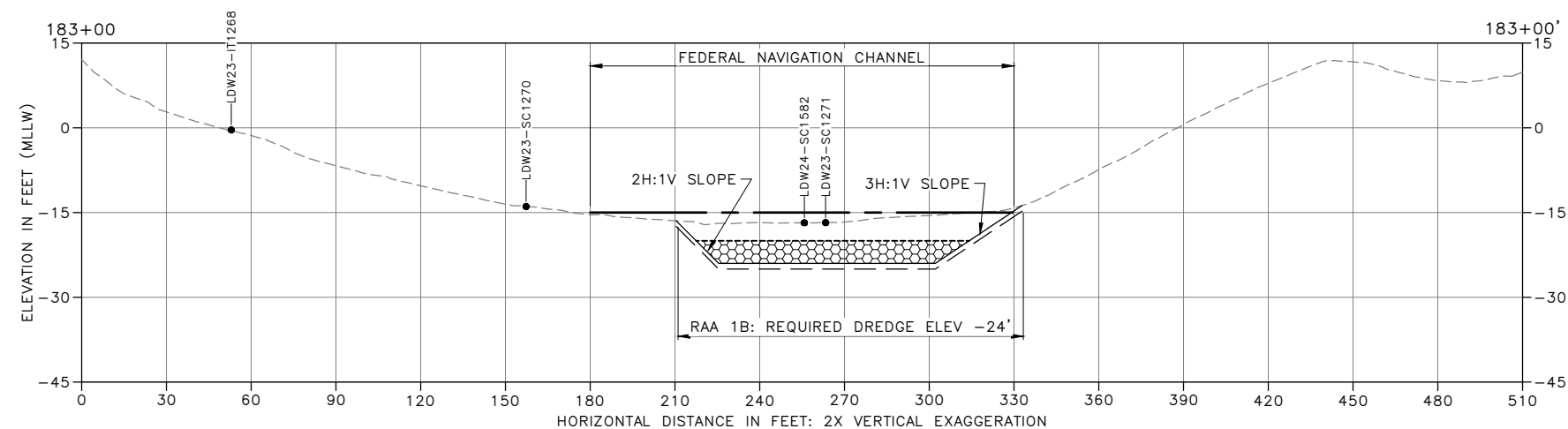
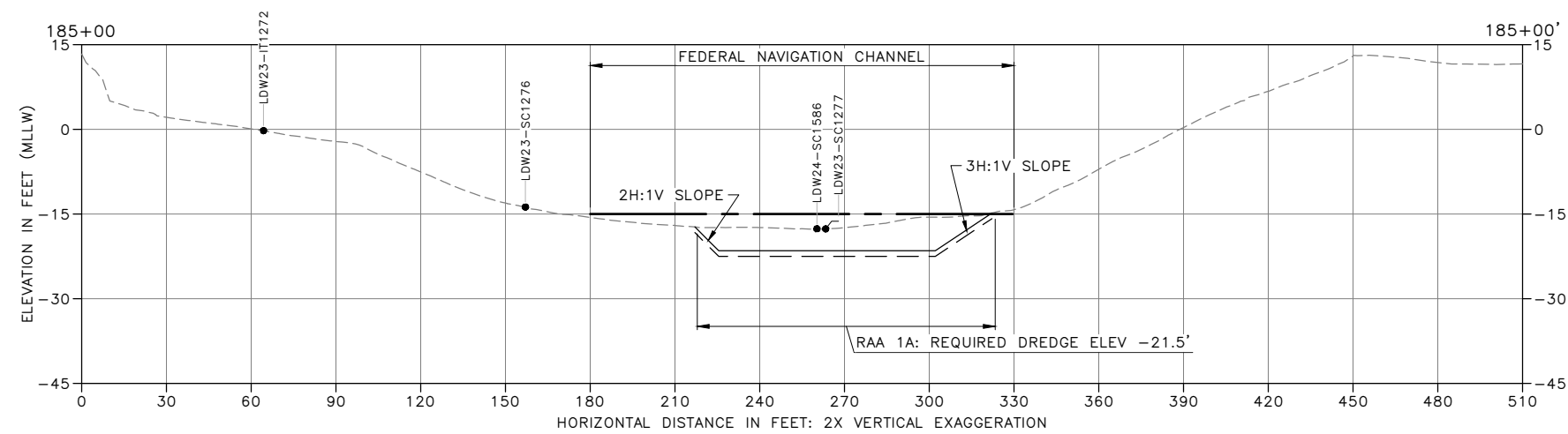
ORDINANCE NO. PW NO.

SCALE:

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
CO	CO
VPI #	
C-156	
SHEET	27 OF 70

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE".
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY



- LEGEND:

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

60% SUBMITTAL (NOT FOR CONSTRUCTION)

CROSS SECTIONS



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE

DESIGNED HS
CHECKED RD

DRAWN	JR/TG
CHECKED	KG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL

INITIALS AND DATE

DES.	CONST.
SDOT	PROJ. MGR.

RECEIVED
REVISED AS BUILT



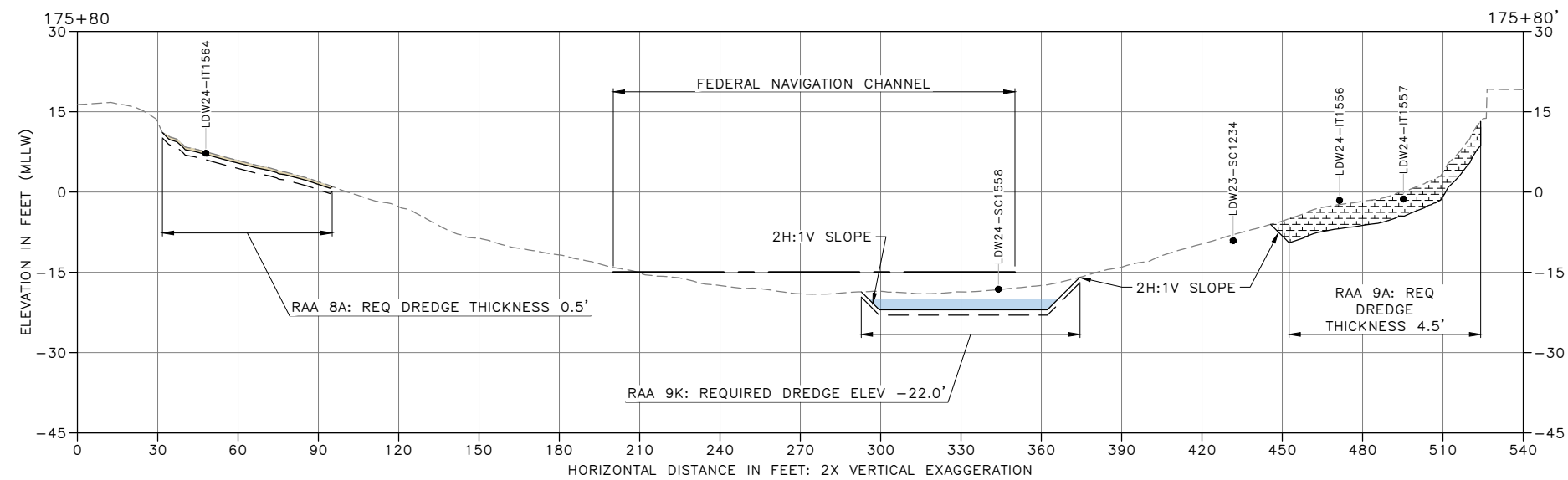
ORDINANCE NO.

PW NO.

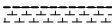
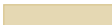
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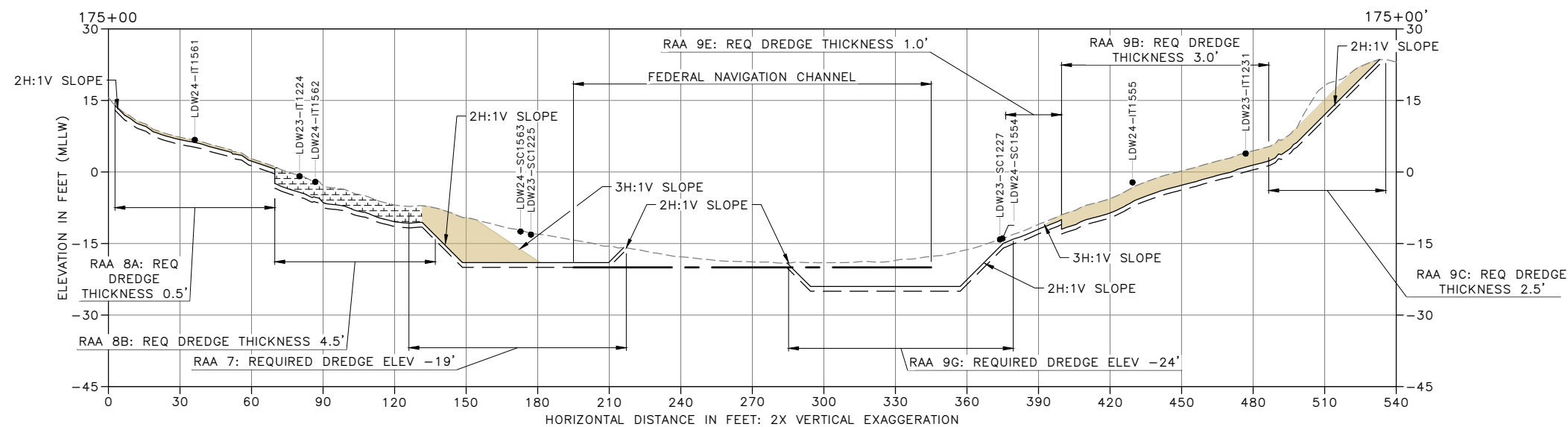
LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
	CO
VPI #	
C-201	
SHEET 28 OF 70	



SECTION 175+80 SHEET 15
SCALE: HOR 1"=30'; VER 1"=15'

- LEGEND:
- | | |
|---|--|
| ----- | EXISTING GRADE MERGED DATA SET |
| — — — — — | USACE AUTHORIZED CHANNEL ELEVATION
(ELEVATION VARIES) |
| ● | SAMPLE LOCATION |
| ===== | REQUIRED DREDGING |
| - - - - - | PAYABLE OVERDREDGE ALLOWANCE |
|  | STANDARD CAP |
|  | MODIFIED CAP |
|  | BACKFILL TO PRE-CONSTRUCTION GRADE |
|  | ENR |
|  | UTILITY CROSSING COVER |
- NOTES:
1. VERTICAL DATUM: MLLW
 2. RMC NOT SHOWN ON CROSS SECTIONS. SEE TYPICAL DETAILS FOR RMC PLACEMENT ON DRAWING C-213
 3. TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS AND BETWEEN MATERIAL PLACEMENT TYPES WILL BE FINALIZED DURING PRE-FINAL 90% RD.



SECTION 175+00 SHEET 15
SCALE: HOR 1"=30'; VER 1"=15'

60% SUBMITTAL (NOT FOR CONSTRUCTION)

CROSS SECTIONS

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company

 **ANCHOR**
QEA 

APPROVED FOR ADVERTISING FAS PURCHASING AND CONTRACTING DIRECTOR		INITIALS AND DATE DESIGNED HS CHECKED RD		INITIALS AND DATE REVIEWED: DES. CONST. SDT. PROJ. MGR.	
SEATTLE, WASHINGTON		20		RECEIVED	
BY:		DRAWN JR/TG CHECKED KG		REVISED AS BUILT	
FAS PURCHASING AND CONTRACTING DIRECTOR		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS. ALL OTHER DOCUMENTS CALLED FOR BY THE PROJECT MANUAL.			



**Seattle
Public Utilities**

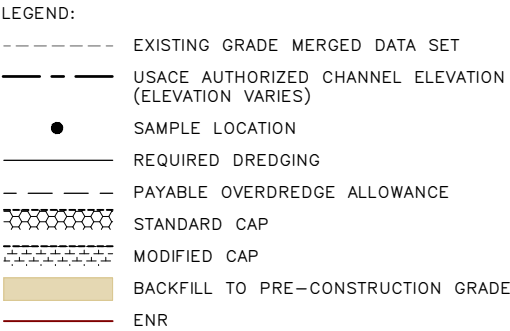
ORDINANCE NO. _____ PW NO. _____

SCALE: AS NOTED

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
	CO
VPI #	
C-202	
SHEET 29 OF 70	

\\projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Sections.dwg
merrick Jul-31-26 12:26pm



NOTES:

1. VERTICAL DATUM: MLLW
2. RMC NOT SHOWN ON CROSS SECTIONS. SEE TYPICAL DETAILS FOR RMC PLACEMENT ON DRAWING C-213
3. TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS AND BETWEEN MATERIAL PLACEMENT TYPES WILL BE FINALIZED DURING PRE-FINAL 90% RD.
4. WESTERN SLOPES OF RAA 14A AND 14B DO NOT REQUIRE BACKFILL TO PRECONSTRUCTION ELEVATIONS.

SECTION 163+00 SHEET 16
SCALE: HOR 1"=30'; VER 1"=15'



SECTION 161+00 SHEET 16
SCALE: HOR 1"=30'; VER 1"=15'

60% SUBMITTAL (NOT FOR CONSTRUCTION)

APPROVED FOR ADVERTISING FAS PURCHASING AND CONTRACTING DIRECTOR		INITIALS AND DATE		INITIALS AND DATE	
SEATTLE, WASHINGTON 20		DESIGNED HS CHECKED RD		REVIEWED: DES. CONST. SDOT PROJ. MGR.	
BY: FAS PURCHASING AND CONTRACTING DIRECTOR		DRAWN JR/TG CHECKED KG		RECEIVED REVISED AS BUILT	
		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



**Seattle
Public Utilities**

ORDINANCE NO. _____ PW NO. _____

SCALE: AS NOTED

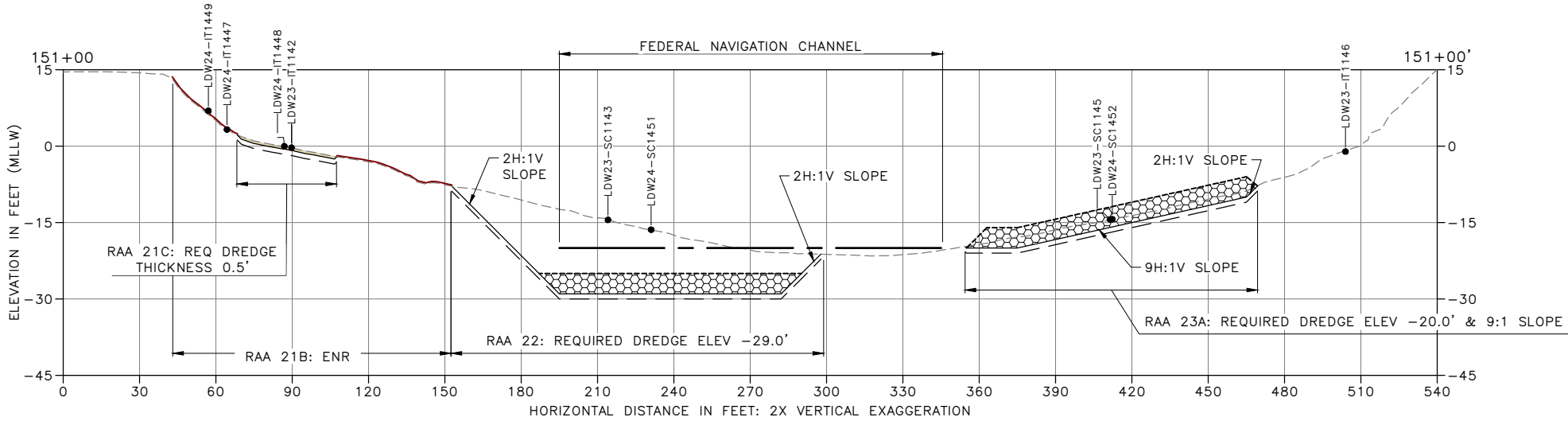
LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
	CO
VPI #	
C-205	
SHEET	32 OF 70

CROSS SECTIONS

VAULT	SERIAL	#	DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D

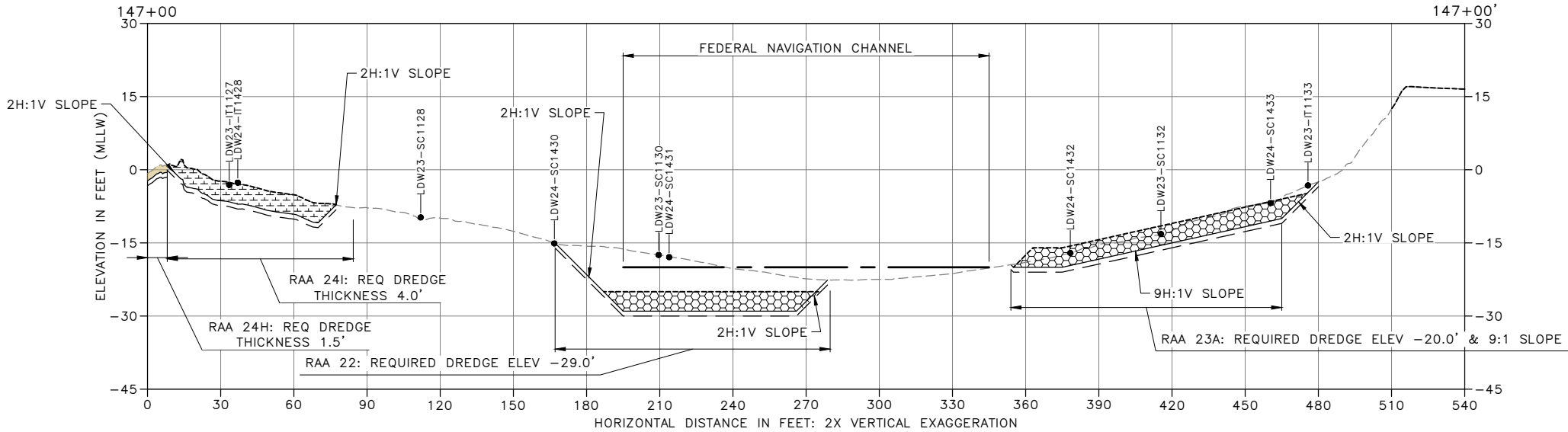
K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Dredge Sections.dwg
hmmrick Jul-31-26 12:25pm



SECTION 151+00 SHEET 17
SCALE: HOR 1"=30'; VER 1"=15'

- LEGEND:
- EXISTING GRADE MERGED DATA SET
 - USAGE AUTHORIZED CHANNEL ELEVATION (ELEVATION VARIES)
 - SAMPLE LOCATION
 - REQUIRED DREDGING
 - PAYABLE OVERDREDGE ALLOWANCE
 - STANDARD CAP
 - MODIFIED CAP
 - BACKFILL TO PRE-CONSTRUCTION GRADE
 - ENR

- NOTES:
- VERTICAL DATUM: MLLW
 - RMC NOT SHOWN ON CROSS SECTIONS. SEE TYPICAL DETAILS FOR RMC PLACEMENT ON DRAWING C-213
 - TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS AND BETWEEN MATERIAL PLACEMENT TYPES WILL BE FINALIZED DURING PRE-FINAL 90% RD.
 - WESTERN SLOPE OF RAA 22 DOES NOT REQUIRE BACKFILL TO PRECONSTRUCTION ELEVATIONS.



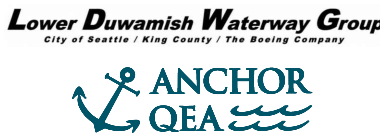
SECTION 147+00 SHEET 17
SCALE: HOR 1"=30'; VER 1"=15'

PLAN INTENDED TO BE VIEWED IN COLOR. ADJACENT BLOCK IS "BLUE"

ONE INCH
↑
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

60% SUBMITTAL (NOT FOR CONSTRUCTION)

CROSS SECTIONS



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SEATTLE, WASHINGTON 20 . . .

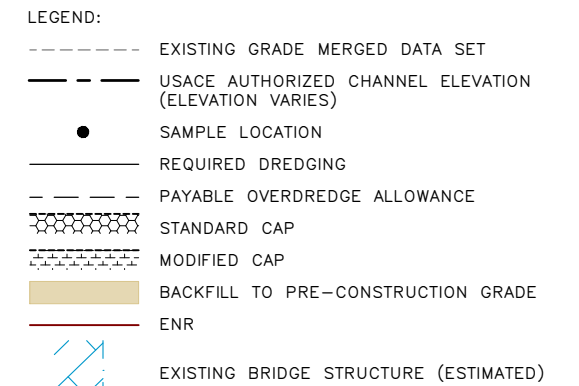
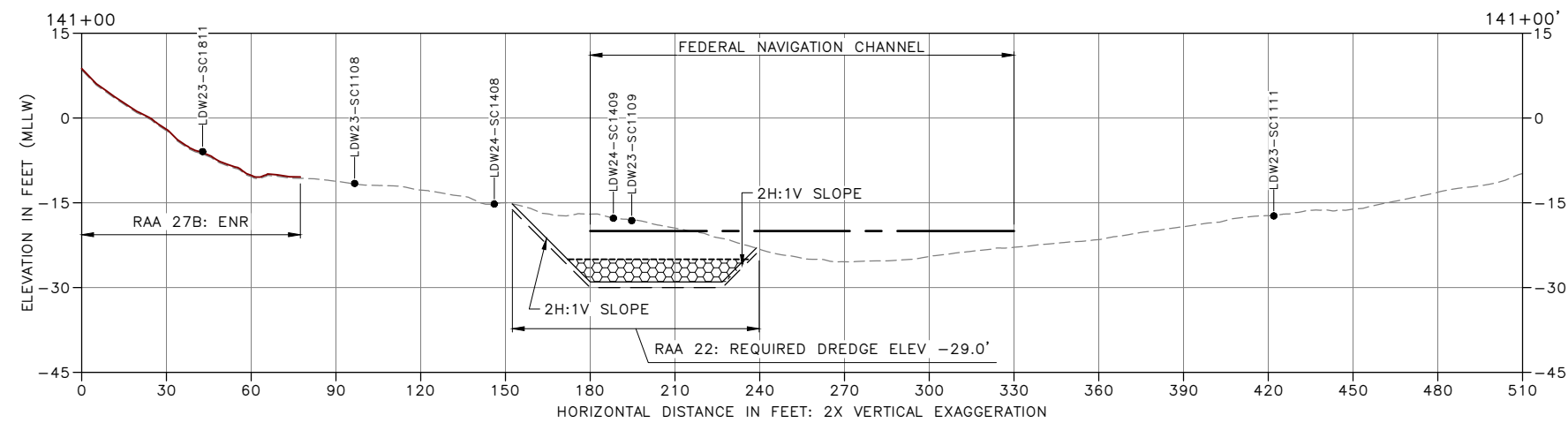
BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED HS	CHECKED RD	REVIEWED: DES.	CONST. PROJ. MGR.
DRAWN JR/TG	CHECKED KG	RECEIVED	REVISED AS BUILT
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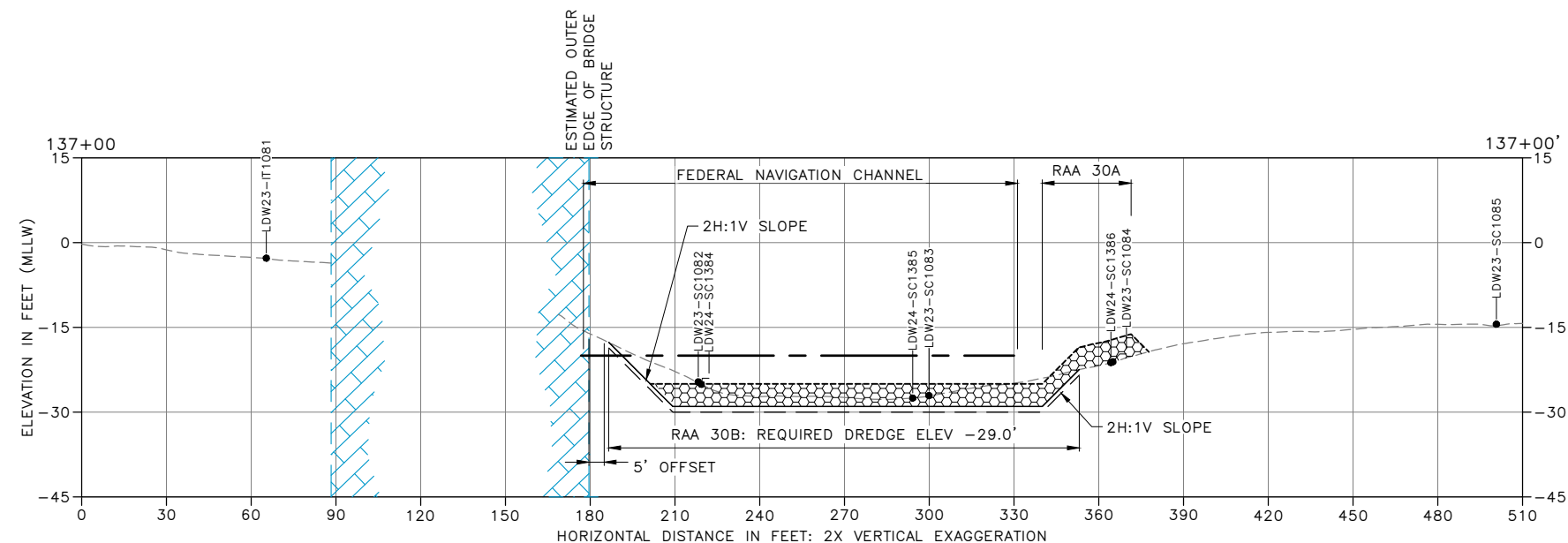
LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
CO	
VPI #	
C-206	
SHEET	33 OF 70



NOTES:

1. VERTICAL DATUM: MLLW
2. RMC NOT SHOWN ON CROSS SECTIONS. SEE TYPICAL DETAILS FOR RMC PLACEMENT ON DRAWING C-213
3. TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS AND BETWEEN MATERIAL PLACEMENT TYPES WILL BE FINALIZED DURING PRE-FINAL 90% RD.



ONE INCH 	PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCK IS "BLUE"
---	---

60% SUBMITTAL (NOT FOR CONSTRUCTION)

CROSS SECTIONS

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



ANCHOR
QEA

APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20 . . .

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE

DESIGNED HS
CHECKED RD

DRAWN JR/TG
CHECKED KG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE

REVIEWED:	
DES.	CONST.
SDOT	BROU. MON.

RECEIVED
REVISED AS BUILT

THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS
FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL



ORDINANCE NO.

PW NO.

SCALE: AS NOTED

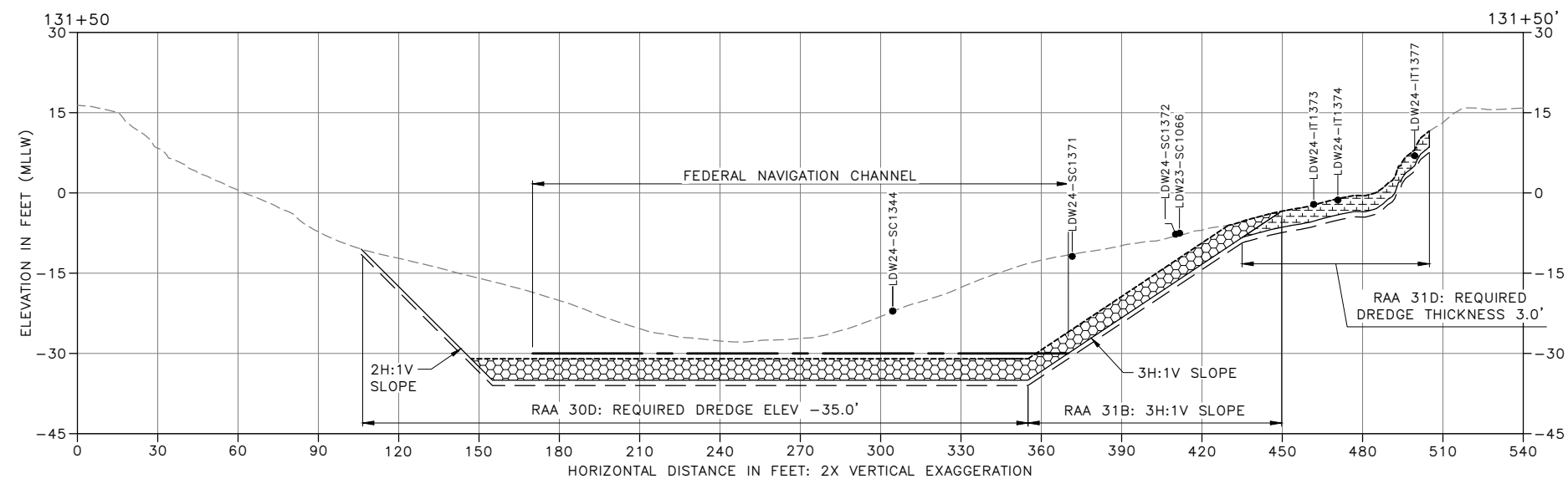
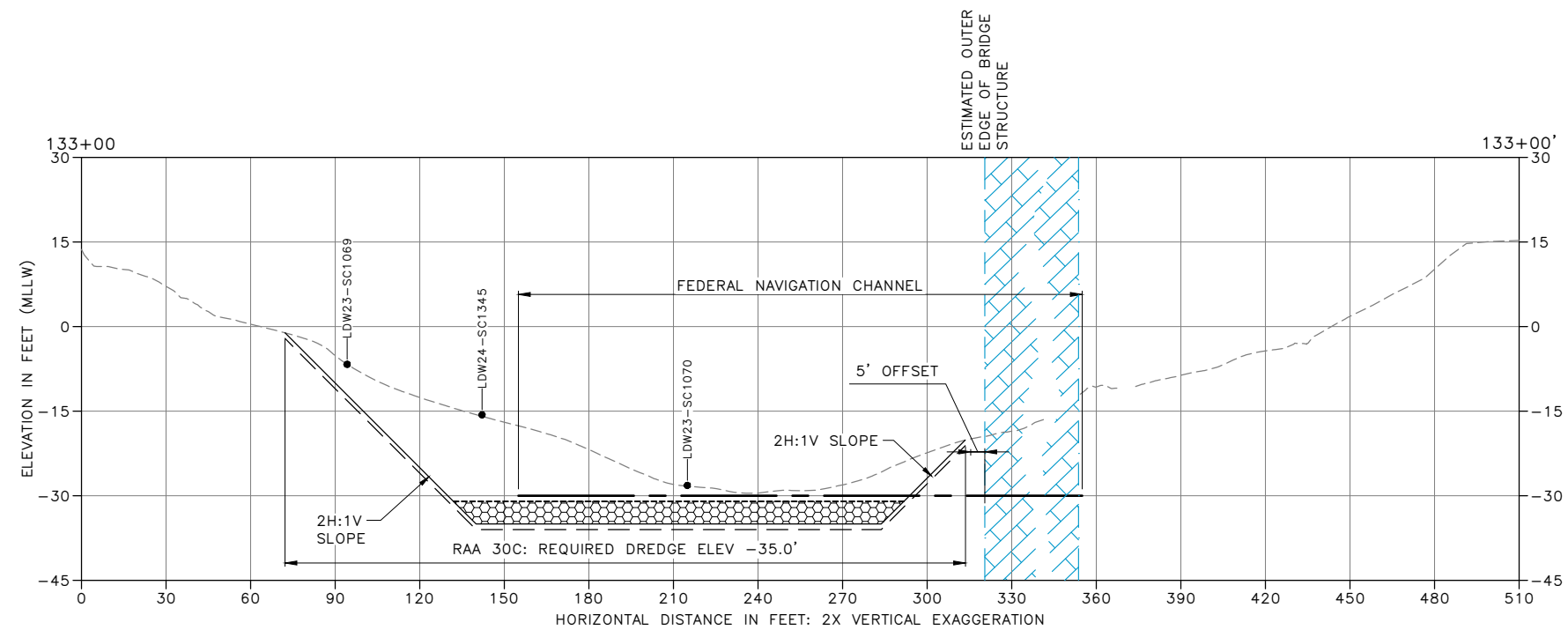
LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

PC	
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CO	
VPI #	

C-208

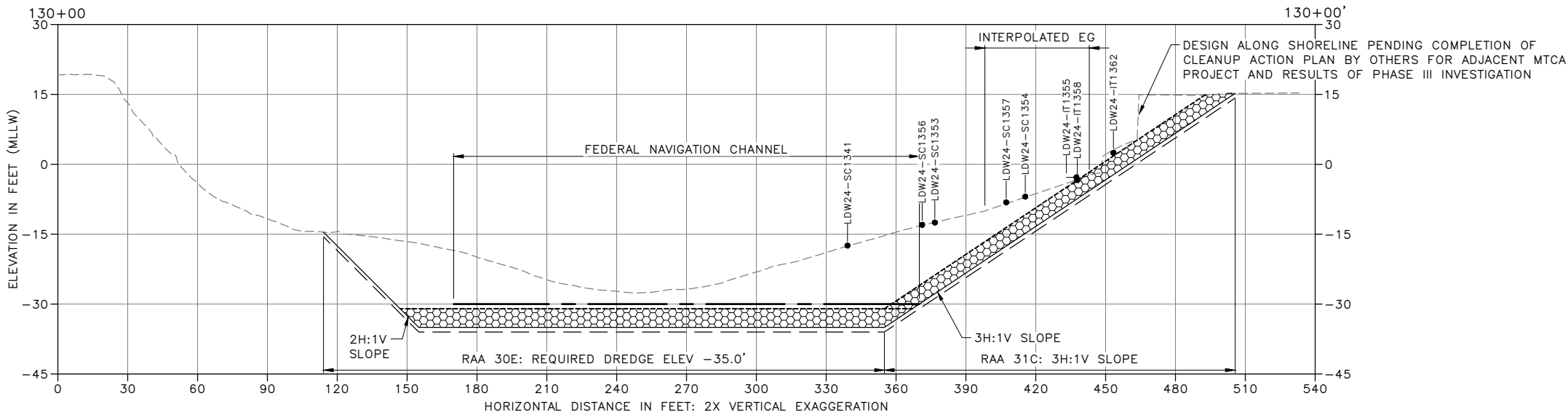
SHEET 35 OF 70



SHEET 3

VAULT	SERIAL #	DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D

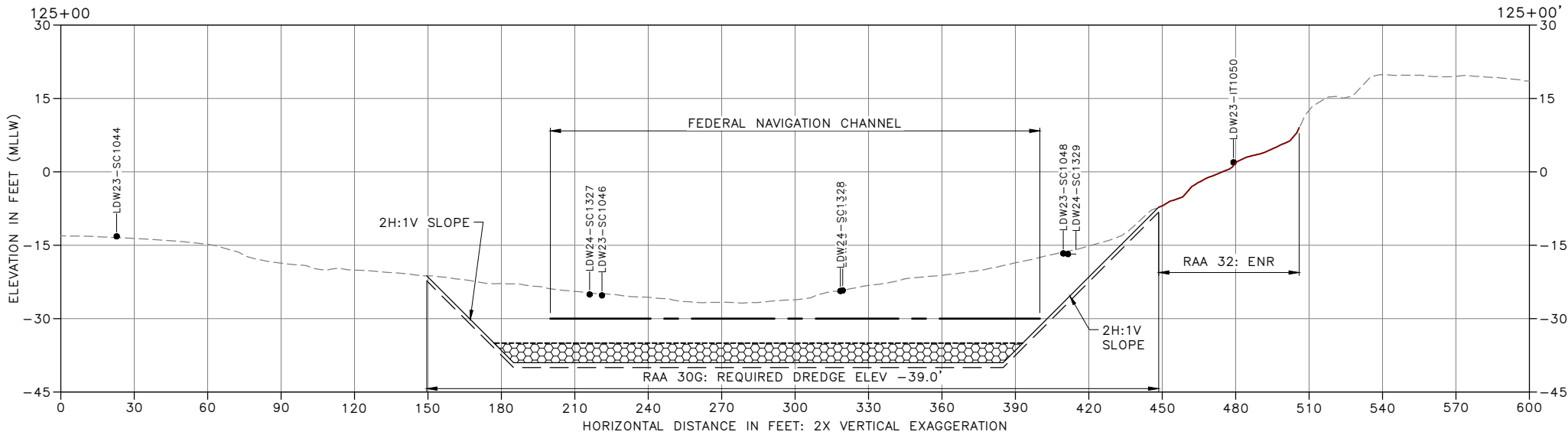
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hmmrick Jul-31-26 12:27pm



SECTION 130+00 SHEET 19
SCALE: HOR 1"=30'; VER 1"=15'

- LEGEND:
- EXISTING GRADE MERGED DATA SET
 - USACE AUTHORIZED CHANNEL ELEVATION (ELEVATION VARIES)
 - SAMPLE LOCATION
 - REQUIRED DREDGING
 - PAYABLE OVERDREDGE ALLOWANCE
 - STANDARD CAP
 - MODIFIED CAP
 - BACKFILL TO PRE-CONSTRUCTION GRADE
 - ENR

- NOTES:
- VERTICAL DATUM: MLLW
 - RMC NOT SHOWN ON CROSS SECTIONS. SEE TYPICAL DETAILS FOR RMC PLACEMENT ON DRAWING C-213
 - TRANSITIONS FROM THICKNESS TO ELEVATION DREDGE CUTS AND BETWEEN MATERIAL PLACEMENT TYPES WILL BE FINALIZED DURING PRE-FINAL 90% RD.



SECTION 125+00 SHEET 20
SCALE: HOR 1"=30'; VER 1"=15'

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"

ONE INCH
↑
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

60% SUBMITTAL (NOT FOR CONSTRUCTION)

CROSS SECTIONS

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE

DESIGNED HS
CHECKED RD

DRAWN JR/TG
CHECKED KG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE

REVIEWED:
DES. CONST.
SDOT PROJ. MGR.

RECEIVED

REVISED AS BUILT



Seattle
Public Utilities

ORDINANCE NO.

PW NO.

SCALE: AS NOTED

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB

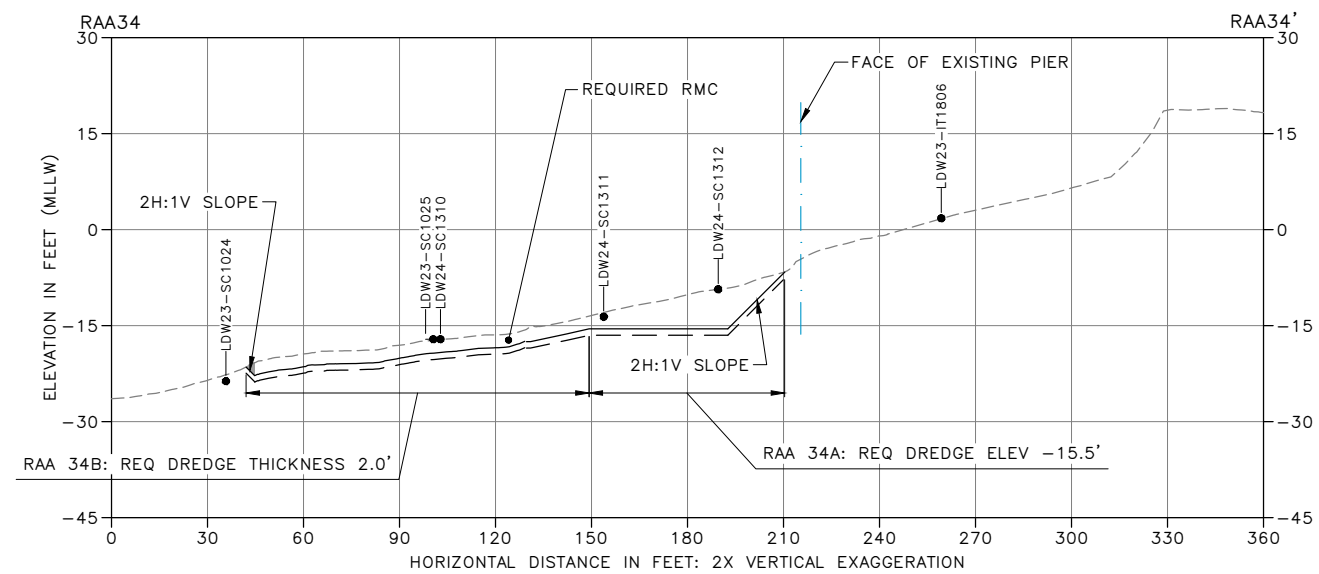
PC

CO

VP1: #

C-211

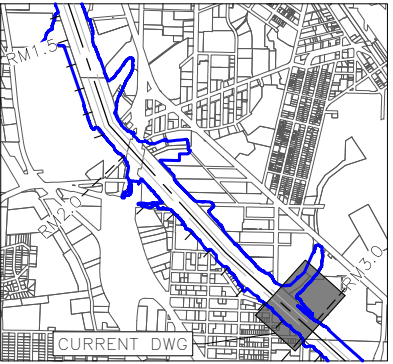
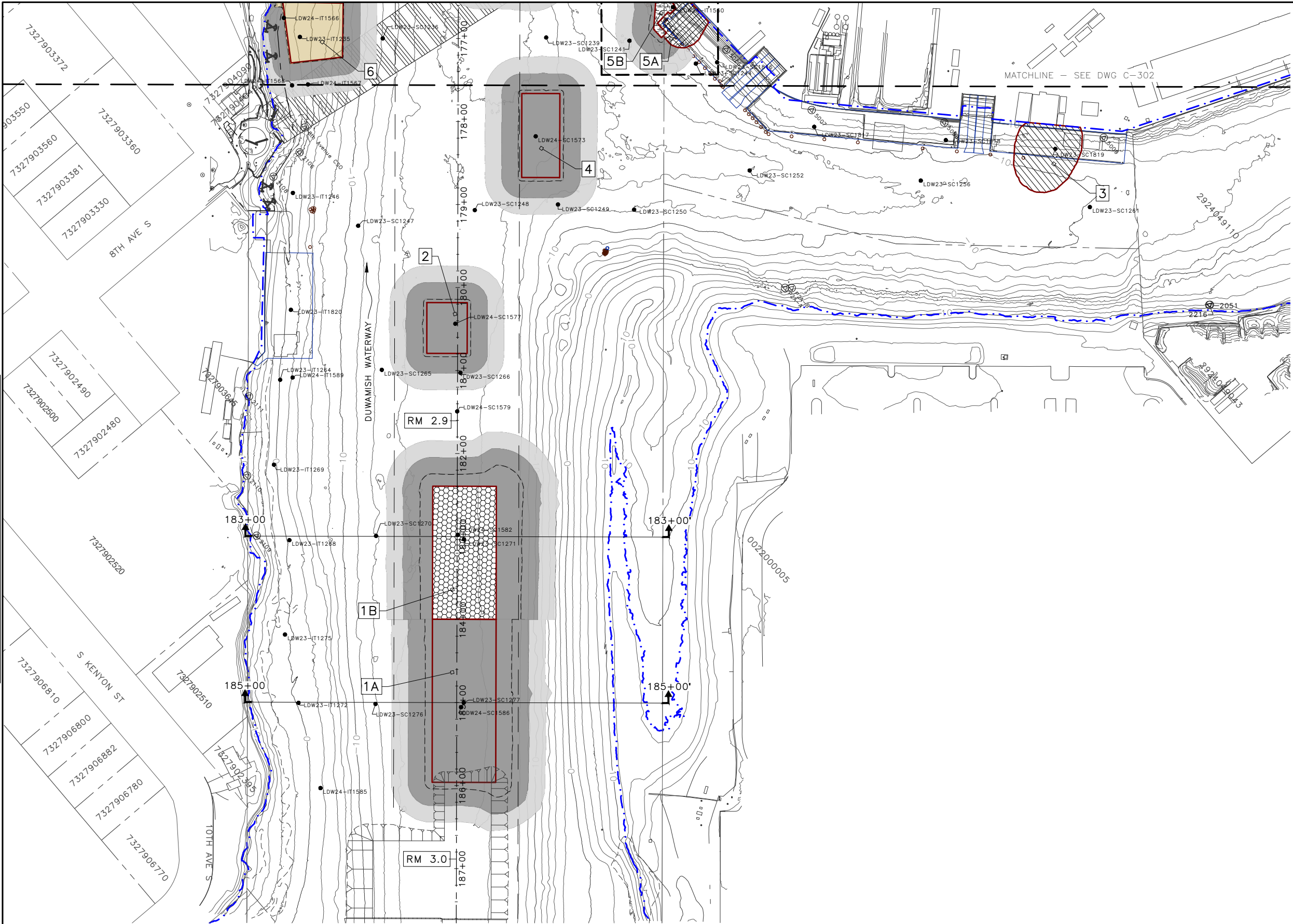
SHEET 38 OF 70



\\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-Pl-Dredge Sections.dwg
merrick Jul-31-26 12:28pm

AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

K:\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Material Placement.dwg
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LEGEND:

- MATCHLINE
- USACE CHANNEL CENTERLINE
- FEDERAL NAVIGATION CHANNEL
- PROPERTY BOUNDARY
- RM 1.7 RIVER MILE LABEL
- MEAN HIGHER HIGH WATER LINE
- EXISTING GRADE CONTOURS IN FEET MLLW (2' & 10' INTERVALS)
- SAMPLE LOCATION
- EXISTING OUTFALL
- EXISTING PILE
- STRUCTURES (APPROXIMATE)
- UTILITY CORRIDOR
- ESTIMATED DREDGE PRISM DAYLIGHT BOUNDARY
- ENR
- AMENDED ENR
- STANDARD CAP
- MODIFIED CAP
- REQUIRED RMC
- CONTINGENT OUTER PERIMETER RMC ONLY AS DIRECTED BY THE PROJECT REPRESENTATIVE
- BACKFILL TO RESTORE GRADE
- 9C RAA NUMBER (REMEDIAL ACTION AREA)



NOTES:

- HORIZONTAL DATUM: NAD83 (2011) WASHINGTON STATE PLANE, NORTH ZONE, U.S. SURVEY FEET
- VERTICAL DATUM: MLLW
- TRANSITIONS BETWEEN MATERIAL PLACEMENT TYPES WILL BE FINALIZED DURING PRE-FINAL 90% RD.

60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE

DESIGNED HS
CHECKED RD

DRAWN JR/TG
CHECKED KG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE

REVIEWED:
DES. CONST.
SDOT PROJ. MGR.

RECEIVED
REVISED AS BUILT



ORDINANCE NO.

PW NO.

SCALE: AS NOTED

MATERIAL PLACEMENT PLAN (1 OF 7)

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB

PC

CO

VPI #

C-301

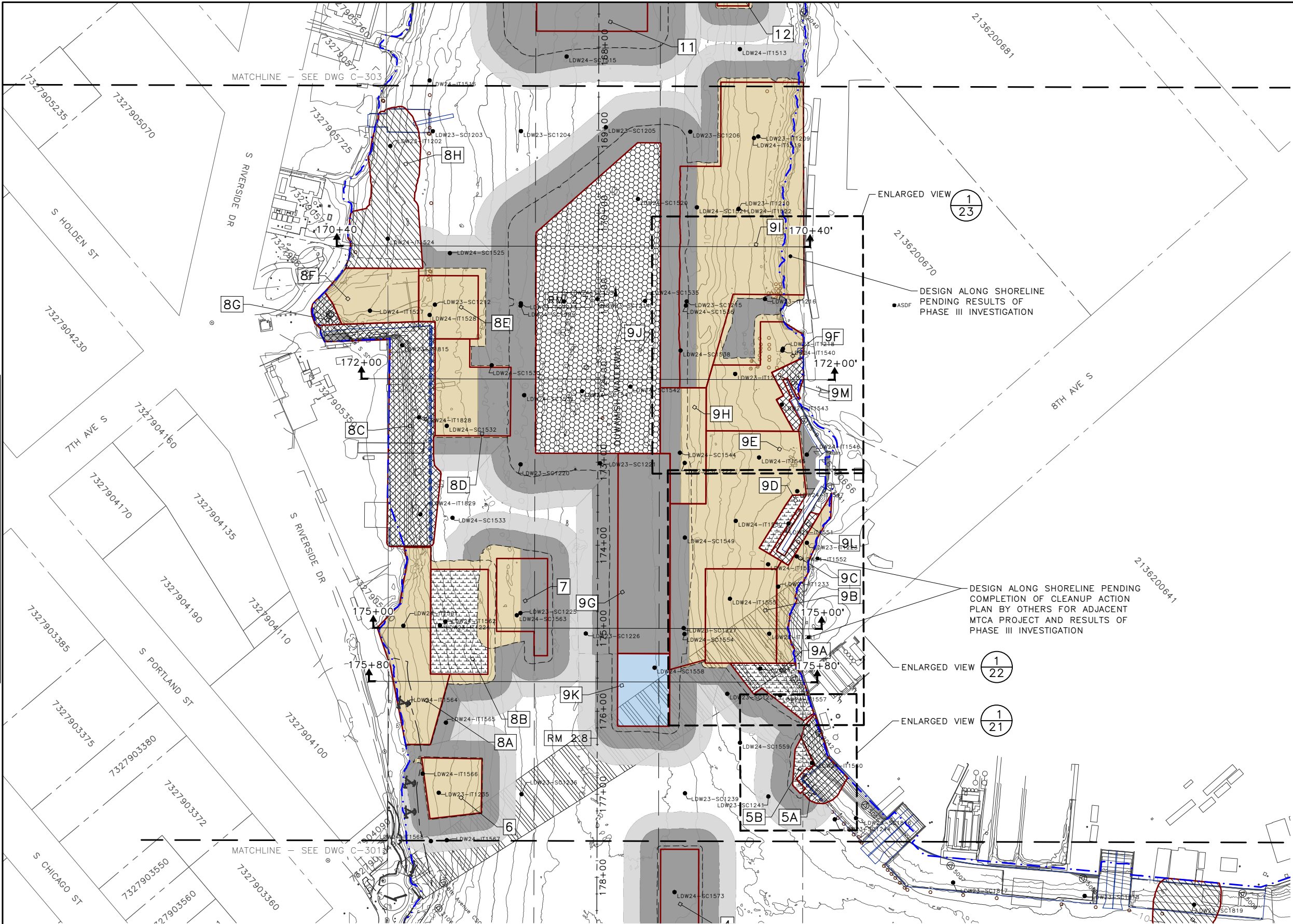
SHEET 41 OF 70

PLAN INTENDED TO BE VIEWED
IN COLOR. ADJACENT BLOCK IS
"BLUE"

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

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VAULT	SERIAL #	DATE	MARK	REVISIONS	
				NATURE	MADE CHKD REVD



\\Projects\0075-City of Seattle\Middle Reach of the Lower Duwamish Waterway\Construction Plans\0075-PL-Material Placement.dwg
merrick Jul-31-26 12:30pm



MATERIAL PLACEMENT PLAN (6 OF 7)

Lower Duwamish Waterway Group City of Seattle / King County / The Boeing Company ANCHOR QEA	APPROVED FOR ADVERTISING FAS PURCHASING AND CONTRACTING DIRECTOR	INITIALS AND DATE DESIGNED HS CHECKED RD	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.	Seattle Public Utilities ORDINANCE NO. PW NO. SCALE:	LOWER DUWAMISH WATERWAY MIDDLE REACH SEDIMENT CLEANUP	JOB PC CO
	SEATTLE, WASHINGTON 20	DRAWN JR/TG CHECKED KG	RECEIVED REVISED AS BUILT			VPI #
	BY: FAS PURCHASING AND CONTRACTING DIRECTOR	ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.				C-306
			SHEET 46 OF 70			

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MATERIAL PLACEMENT PLAN (7 OF 7)

 Lower Duwamish Waterway Group <i>City of Seattle / King County / The Boeing Company</i> 	APPROVED FOR ADVERTISING FAS PURCHASING AND CONTRACTING DIRECTOR SEATTLE, WASHINGTON 20 BY: FAS PURCHASING AND CONTRACTING DIRECTOR	INITIALS AND DATE DESIGNED HS CHECKED RD	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.	 ORDINANCE NO. PW NO. SCALE:	LOWER DUWAMISH WATERWAY MIDDLE REACH SEDIMENT CLEANUP	JOB PC CO
		DRAWN JR/TG CHECKED KG	RECEIVED REVISED AS BUILT			VPI # C-307
		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.				SHEET 47 OF 70

VAULT SERIAL #	DATE	MARK	NATURE	REVISIONS	
				MADE	CHK'D REV'D

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Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company

 **DAVID EVANS
AND ASSOCIATES INC.**

14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LEGEND

STRUCTURAL ABBREVIATIONS AND LEGEND



ORDINANCE NO.

PW NO.

SCALE: AS NOTED

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB

PC

CO

VPI #

S-001

SHEET

48

OF

70

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STRUCTURAL GENERAL NOTES

CODES AND STANDARDS

APPLICABLE BUILDING NOTES AND CODES
CITY OF SEATTLE BUILDING CODE, SBC 2021 EDITION
INTERNATIONAL BUILDING CODE, IBC 2021 EDITION, EXCEPT WHERE OTHER CODES ARE MORE RESTRICTIVE.

OUTFALLS AND STRUCTURE PROTECTION

ALL OUTFALLS OR STRUCTURES NEAR DREDGING OR EXCAVATION SHALL BE PROTECTED PRIOR TO START OF WORK.

FOUNDATION PILING

CONSULT SOILS REPORT BY ANCHOR QEA, DATED XXXX FOR FOUNDATION DREDGING AND BACKFILL INFORMATION.

STRUCTURAL STEEL PILES
STEEL PIPE PILES – X" DIA. WITH X" MINIMUM WALL THICKNESS PER ASTM A252, GRADE 3, FY=50 KSI.

SHEET PILES – WALL 1
INTERLOCKING STEEL SHEET PILES SHALL BE NEW, CONFORMING TO ASTM A572, GRADE 50.
MINIMUM WEB OR FLANGE THICKNESS = 0.50 INCHES
MINIMUM ELASTIC SECTION MODULUS = 48.0 IN³ /FT

DOUBLE WALL SHEET PILE WALL SYSTEM – WALL 2
INTERLOCKING STEEL SHEET PILES SHALL BE NEW, CONFORMING TO ASTM A572, GRADE 50.
MINIMUM WEB OR FLANGE THICKNESS = 0.50 INCHES
MINIMUM ELASTIC SECTION MODULUS = 48.0 IN³ /FT

SHEET PILE INTERLOCKS SHALL BE WATERTIGHT TO THE PILE DEPTH INDICATED ON THE PLANS.

WATERSTOP:
A) LIQUID SEAL – AKILA SEALING SYSTEM BY ARCELORMITTAL.
B) REPAIR STRING – ULTRASEAL KM BY ADEKA.
C) REPAIR CAULK – ULTRASEAL P-201 BY ADEKA.
D) OR APPROVED EQUAL.

SUBMITTALS:
1. TYPE, SIZE AND MATERIAL PROPERTIES OF SHEET PILE.
2. WATERSTOP MANUFACTURER'S DATA SHEETS.
3. SHOP DRAWING SHOWING PILING PLAN AND WELDING DETAILS.
4. EQUIPMENT, MEANS AND METHODS OF PILE AND WATERPROOFING INSTALLATION AND REPAIR.

STRUCTURAL STEEL
PLATES AND BARS SHALL BE NEW AND CONFORM TO ASTM A572, GRADE 50.

WELDING
ALL WELDING SHALL CONFORM TO AWS D1.1 WELDING CODE. MINIMUM SIZE WELDS ⅝" CONTINUOUS FILLET. WELDING ELECTRODES SHALL BE 70XX SERIES CONFORMING TO ANSI/AWS D1.1 TABLE 3.1 AND ELECTRODE SPECIFICATION AWS A5. WELDING SHALL BE CONDUCTED BY WABO CERTIFIED WELDER.

PAINTING
STRUCTURAL STEEL SHALL BE COATED IN CONFORMANCE WITH SPECIFICATIONS.

CONCRETE

ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES ACI 315, LATEST EDITION. CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318 BUILDING CODE, LATEST EDITION.

DESIGN STRENGTH
UNDERWATER CEMENT GROUT SHALL CONFORM TO ASTM C1107 AND CRD-C-621 F'C=5000 PSI AT 28 DAYS.

REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A615, GRADE 60.

MISCELLANEOUS

SUBMIT ALL REQUIRED SHOP DRAWINGS AND RECEIVE THEIR SATISFACTORY REVIEW FROM THE PROJECT REPRESENTATIVE PRIOR TO FABRICATION.

COORDINATE AND VERIFY ALL DIMENSIONS WITH GENERAL AND CIVIL DRAWINGS AND CONDITIONS AT THE PROJECT SITE PRIOR TO STARTING WORK, AND NOTIFY THE PROJECT REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCIES.

BACKGROUND AND EXISTING STRUCTURES ON THESE DRAWINGS INDICATE THE LATEST INFORMATION AVAILABLE. CONTRACTOR SHALL LOCATE AND POT HOLE EXISTING UTILITIES ALONG THE WALL ALIGNMENTS PRIOR TO DRIVING SHEET PILES.

PROVIDE TEMPORARY ERECTION BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE AND ADJACENT STRUCTURES, DURING ALL PHASES OF CONSTRUCTION. REFER TO PROJECT SPECIFICATIONS FOR INFORMATION NOT CONTAINED IN THESE GENERAL NOTES.

60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

APPROVED FOR ADVERTISING
FAS PURCHASING AND CONTRACTING DIRECTOR

SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	XXX	REVIEWED:	
CHECKED	XXX	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN		RECEIVED	
CHECKED	XXX	REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle Public Utilities

ORDINANCE NO. PW NO.

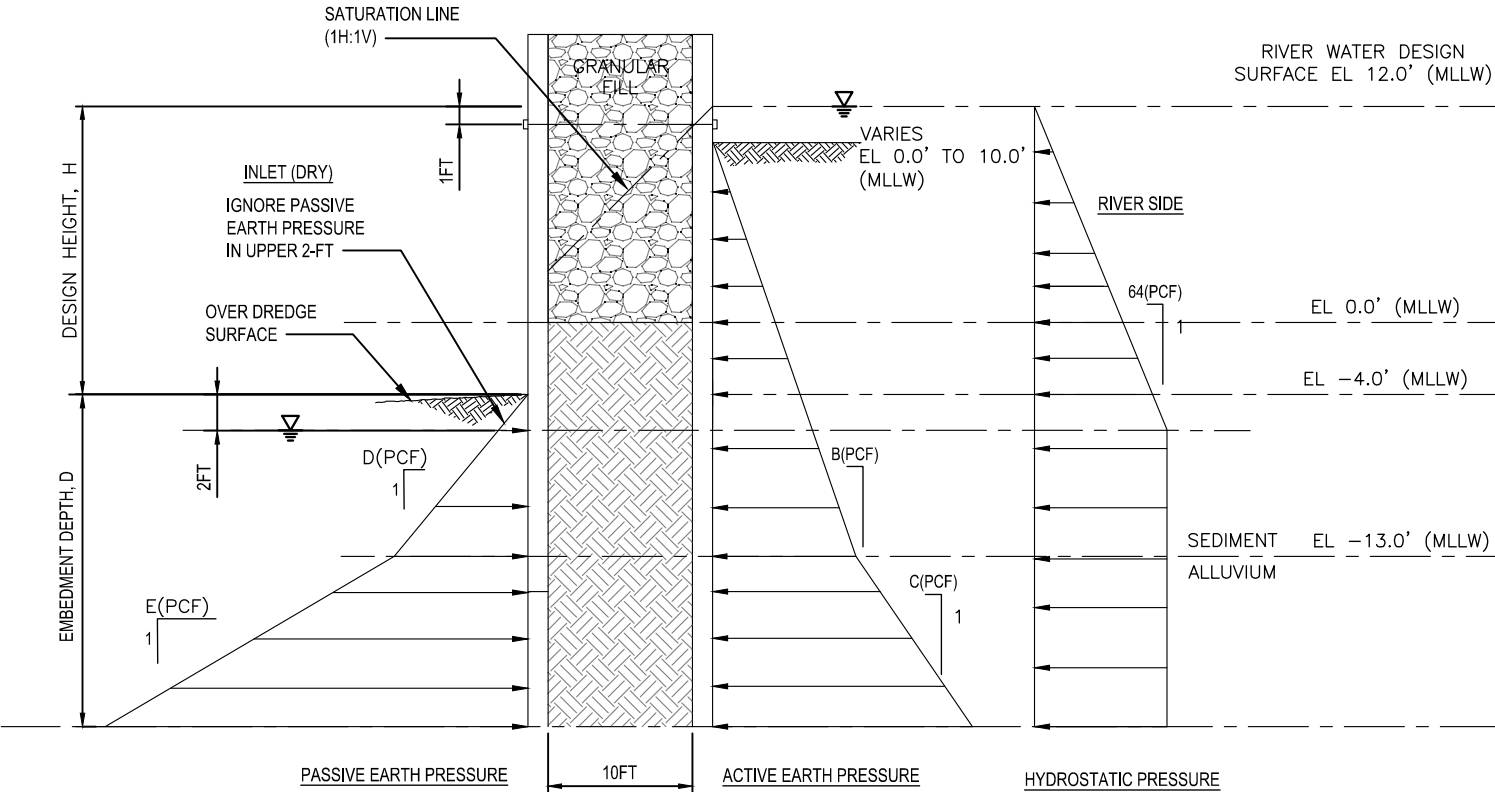
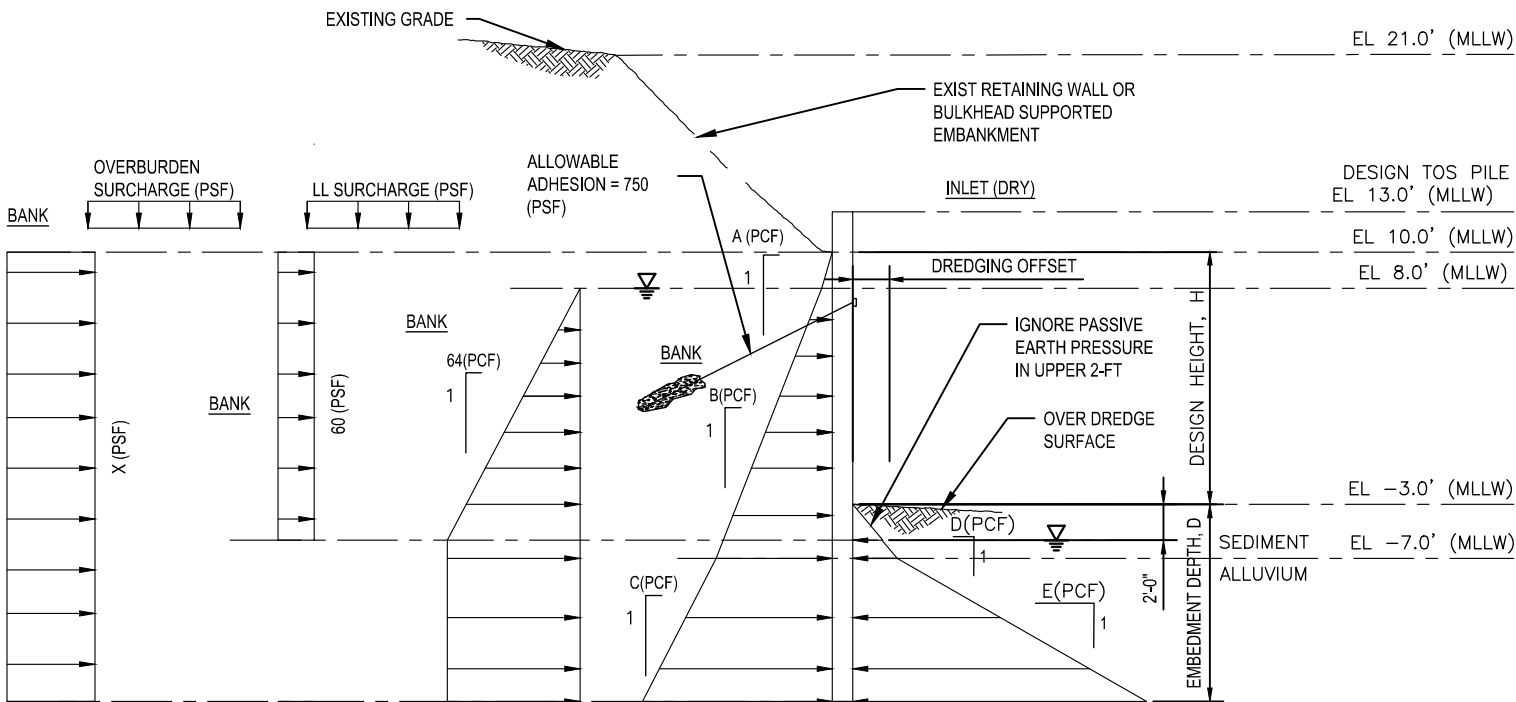
SCALE: AS NOTED

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
	CO
	VPI #
S-002	
SHEET	49 OF 70

STRUCTURAL GENERAL NOTES

EARTH PRESSURE DIAGRAM



NOTES:

1. YIELDING WALLS ARE THOSE WALLS THAT WILL DEFORM AT LEAST 0.001 TIMES THE HEIGHT OF THE WALL. YIELD WALLS USE ACTIVE AND PASSIVE EARTH PRESSURE COEFFICIENTS.
2. NON-YIELDING WALLS USE AT REST EARTH PRESSURE COEFFICIENTS.
3. PASSIVE PRESSURES ARE ULTIMATE VALUES AND DO NOT INCLUDE A FACTOR OF SAFETY. WE RECOMMEND APPLYING A FACTOR OF SAFETY OF AT LEAST 1.25 WHEN COMPUTING STATIC PASSIVE PRESSURES.
4. IGNORE THE CONTRIBUTION OF THE UPPER 2 FEET OF SOIL AT THE BASE OF THE WALL WHEN COMPUTING PASSIVE PRESSURES.
5. PASSIVE PRESSURE ACTS OVER 3 PILE DIAMETERS.

COEFFICIENTS

VARIABLE	UNIT	YIELDING WALLS	NON-YIELDING WALLS
X	PSF	407	627
A	PSF	38	55
B	PCF	14	20
C	PCF	19	29
D	PCF	95	
E	PCF	198	

PASSIVE EARTH PRESSURE REDUCTION FACTORS

OFFSET DISTANCE	REDUCTION FACTOR			
	3H:1V	2.5H:1V	2H:1V	1.5H:1V
0	0.92	0.77	0.61	0.46
2	1.00	0.66	0.70	0.54
4	1.00	0.76	0.78	0.62
6	1.00	1.00	0.86	0.71
8	1.00	1.00	0.94	0.79

CANTILEVERED OR ONE ROW TIE-BACK
BULKHEAD

COEFFICIENTS

VARIABLE	UNIT	YIELDING WALLS	NON-YIELDING WALLS
B	PCF	14	20
C	PCF	19	29
D	PCF	95	
E	PCF	198	

PASSIVE EARTH PRESSURE REDUCTION FACTORS

OFFSET DISTANCE	REDUCTION FACTOR			
	3H:1V	2.5H:1V	2H:1V	1.5H:1V
0	0.92	0.77	0.61	0.46
2	1.00	0.66	0.70	0.54
4	1.00	0.76	0.78	0.62
6	1.00	1.00	0.86	0.71
8	1.00	1.00	0.94	0.79

TEMPORARY COFFERDAM

PRESSURE DIAGRAM

SCALE: NONE

EARTH PRESSURE DIAGRAM

60% SUBMITTAL (NOT FOR CONSTRUCTION)

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City of Seattle / King County / The Boeing Company
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SEATTLE, WASHINGTON 20
BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE
DESIGNED: xxx
CHECKED: xxx
DRAWN: xxx
CHECKED: xxx
REVIEWED: DES. CONST.
SDDT PROJ. MGR.
RECEIVED
REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

Seattle Public Utilities
ORDINANCE NO. FW NO.
SCALE: AS NOTED

LOWER DUWAMISH WATERWAY MIDDLE REACH SEDIMENT CLEANUP

JOB NO.
VPI #
S-003
SHEET 50 OF 70

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STATEMENT OF SPECIAL INSPECTION AND TESTING

TABLE 1

REQUIRED SPECIAL INSPECTIONS – STRUCTURAL SYSTEMS

SYSTEM OR MATERIAL	REQUIRED INSPECTION	FREQUENCY OF INSPECTION		REMARKS
		CONTINUOUS	PERIODIC	
SOILS	DREDGING AND IN–WATER WORK		X	31 09 00 (GEOTECHNICAL INSTRUMENTATION AND CONDITION INSPECTION)
	IDENTIFIED DEBRIS REMOVAL		X	31 09 00 (GEOTECHNICAL INSTRUMENTATION AND CONDITION INSPECTION)
CONCRETE	TREMIE CEMENT GROUT PLACEMENT		X	
STRUCTURAL STEEL	FABRICATION OF STRUCTURAL ELEMENTS		X	FABRICATOR SHALL BE APPROVED IN ACCORDANCE WITH IBC, CHAPTER 17 TO PERFORM WORK WITHOUT SPECIAL INSPECTION
	VERIFY MATERIAL FOR STRUCTURAL STEEL SHAPES, PLATES, BARS, ETC.		X	CONTRACTOR TO SUBMIT CERTIFIED MILL TEST REPORTS
	VERIFY MATERIALS FOR WELD FILLER MATERIALS		X	
	VERIFY WELDER QUALIFICATIONS		X	CONTRACTOR TO SUBMIT WELDERS CERTIFICATES
	VERIFY USE OF PROPER WELDING PROCEDURES		X	
	INSPECT COMPLETE AND PARTIAL–PENETRATION GROOVE WELDS, MULTI–PASS FILLET WELDS, AND SINGLE–PASS FILLET WELDS GREATER THAN 5/16"	X		

TABLE 2

REQUIRED TESTING FOR SPECIAL INSPECTIONS

SYSTEM OF MATERIAL	TESTING		REMARKS
	CODE OF STANDARD REFERENCE	FREQUENCY	
GEOTECHNICAL			
CONCRETE			
CONCRETE SLUMP	ASTM C143	WHENEVER CYLINDERS ARE CAST	
CEMENTITIOUS AND EPOXY GROUT COMPRESSIVE STRENGTH	ASTM C942 (CEMENTITIOUS) ASTM C579 (EPOXY)		TEST 2" CUBES FOR EACH GROUT SHIPMENT TO THE FIELD
STEEL			

QUALITY ASSURANCE NOTES

1. THE QUALITY OF WORKMANSHIP AND THE QUALITY OF THE MATERIALS OF CONSTRUCTION ARE GOVERNED BY THE SEATTLE BUILDING CODE, 2021 EDITION (SBC).
2. TO ASSURE THE QUALITY OF THE CONSTRUCTION OF THIS PROJECT, STRUCTURAL TESTS, SPECIAL INSPECTION AND STRUCTURAL OBSERVATION WILL BE PERFORMED IN ACCORDANCE WITH SBC, CHAPTER 17.
3. WHERE FREQUENCY OF INSPECTION IS SPECIFIED TO BE CONTINUOUS, THE SPECIAL INSPECTOR IS EXPECTED TO BE PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED AND PROVIDING FULL–TIME OBSERVATION OF THE WORK REQUIRING SPECIAL INSPECTION.
4. WHERE FREQUENCY OF INSPECTION IS SPECIFIED TO BE PERIODIC, THE SPECIAL INSPECTOR IS EXPECTED TO BE PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK(PRIOR TO THE NEXT CONSTRUCTION TASK).
5. SPECIAL INSPECTIONS ARE IN ADDITION TO INSPECTIONS BY THE BUILDING OFFICIALS. CONSTRUCTION IS SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL. COORDINATE WITH BUILDING DEPARTMENT TO DETERMINE REQUIRED INSPECTIONS.
6. CONTRACTOR SHALL PROVIDE ACCESS TO THE WORK FOR REQUIRED INSPECTIONS. CONTRACTOR SHALL PROVIDE NOTIFICATION IN ADVANCE OF REQUIRED INSPECTIONS, TESTING AND STRUCTURAL OBSERVATIONS.

60% SUBMITTAL (NOT FOR CONSTRUCTION)

Lower Duwamish Waterway Group
City of Seattle / King County / The Boeing Company



DAVID EVANS AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

APPROVED FOR ADVERTISING
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SEATTLE, WASHINGTON 20

BY:
FAS PURCHASING AND CONTRACTING DIRECTOR

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Seattle Public Utilities

ORDINANCE NO. PW NO.

SCALE: AS NOTED

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

JOB	PC
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VPI #	
	S-004
SHEET	51 OF 70

STATEMENT OF SPECIAL INSPECTIONS AND TESTING

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JOB	PC
	CO
VPI #	
S-110	
SHEET	54 OF 70

KEY NOTES

1. EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED AND ARE INTENDED FOR REFERENCE ONLY. NEW GRADES FOR THIS CONTRACT, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED EXCEPT WHERE NOTED OTHERWISE ON THE DRAWING.
2. EXISTING STRUCTURES THAT HAVE A CONDITION ASSESSMENT REPORT ARE IDENTIFIED AND SHOWN USING HEAVY LINE WEIGHT.

- 1 FOR DREDGING OFFSET AND LIMITS, CUT SLOPE AND RESTORATION, SEE CIVIL DRAWINGS.
- 2 DO NOT DAMAGE EXISTING BOAT RAMP.
- 3 NO DRAWINGS OR DESIGN INFORMATION IS AVAILABLE FOR THE EXISTING STRUCTURES. ALL REFERENCED OFFSETS AND SETBACKS MUST BE MAINTAINED.



PHOTO
SCALE: NONE

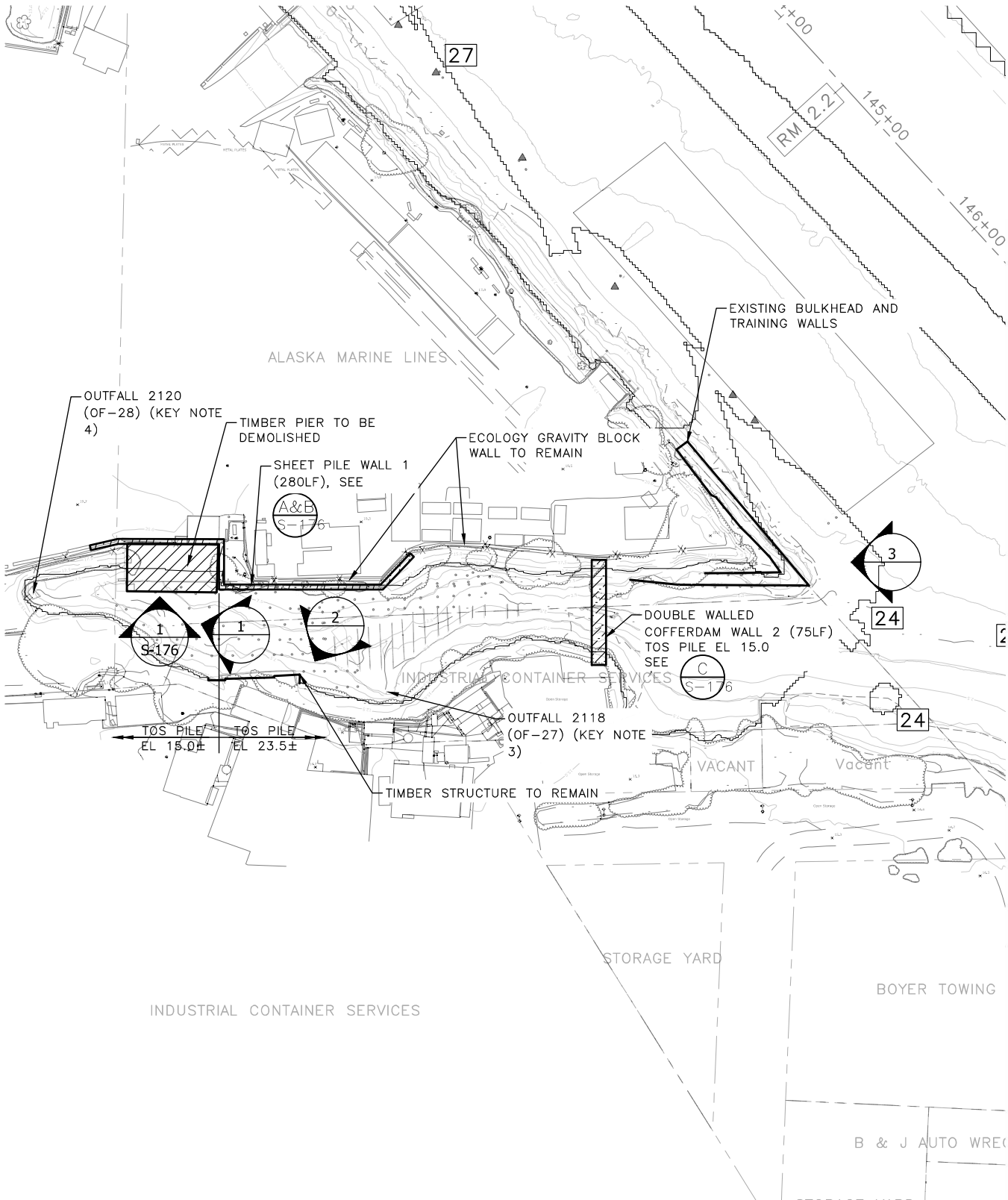


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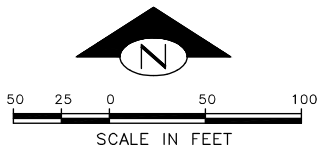


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VAULT	SERIAL	#	DATE	MARK	REVISIONS	
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PARTIAL SITE PLAN
SCALE: 1"=50'



GENERAL NOTES

- EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED AND ARE INTENDED FOR REFERENCE ONLY. NEW GRADES FOR THIS CONTRACT, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED EXCEPT WHERE NOTED OTHERWISE ON THE DRAWING.
- EXISTING STRUCTURES THAT HAVE A CONDITION ASSESSMENT REPORT ARE IDENTIFIED AND SHOWN USING HEAVY LINE WEIGHT.



TIMBER PIER
PHOTO
SCALE: NONE
1

KEY NOTES

- FOR DREDGING OFFSET AND LIMITS, CUT SLOPE AND RESTORATION, SEE CIVIL DRAWINGS.
- DO NOT MOOR OR IMPOSE LATERAL LOADS TO EXISTING STRUCTURES.
- PRIOR TO STARTING WORK, DIVERT OUTFALL 2120 AND OUTFALL 2158.



BUILDING
PHOTO
SCALE: NONE
2



GOOGLE MAP VIEW
SCALE: NONE



PHOTO
SCALE: NONE
3

60% SUBMITTAL (NOT FOR CONSTRUCTION)

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Phone: 425.519.6500

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SEATTLE, WASHINGTON 20
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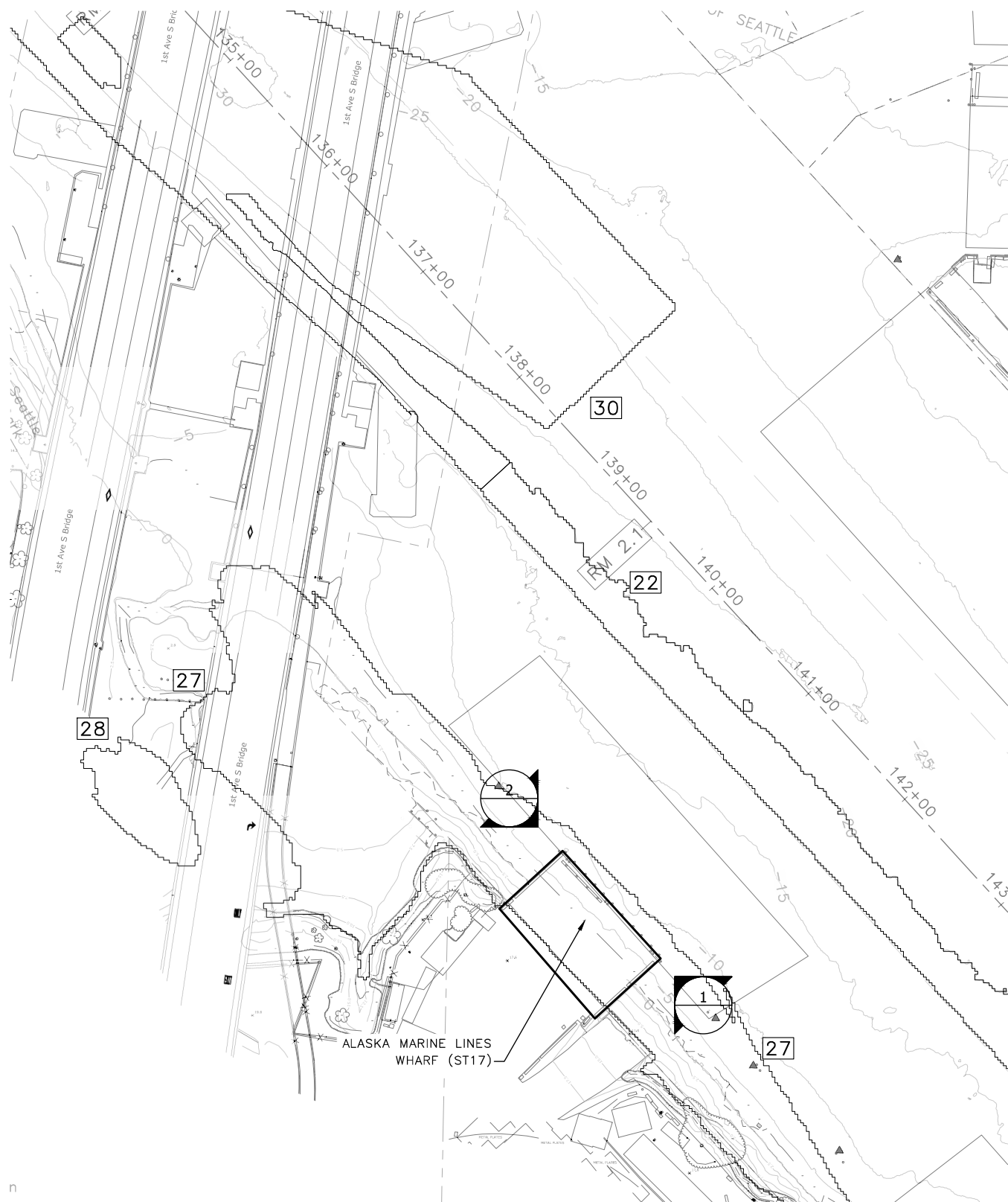
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Seattle Public Utilities
ORDINANCE NO. PW NO.
SCALE: AS NOTED

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

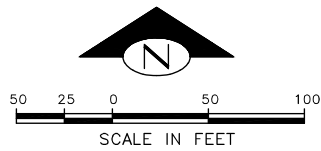
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SHEET 67 OF 70	

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PARTIAL SITE PLAN

SCALE: 1"=50



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GENERAL NOTES

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2. EXISTING STRUCTURES THAT HAVE A CONDITION ASSESSMENT REPORT ARE IDENTIFIED AND SHOWN USING HEAVY LINE WEIGHT.



PIER (LOOKING UPSTREAM)

PHOTO

SCALE: NONE

1



GOOGLE MAP VIEW

SCALE: NONE

KEY NOTES

- 1 FOR DREDGING OFFSET AND LIMITS, CUT SLOPE AND RESTORATION, SEE CIVIL DRAWINGS.
- 2 DO NOT MOOR OR IMPOSE LATERAL LOADS TO EXISTING STRUCTURES.
- 3 NO DRAWINGS OR DESIGN INFORMATION IS AVAILABLE FOR THE EXISTING STRUCTURES. ALL REFERENCED OFFSETS AND SETBACKS MUST BE MAINTAINED.



PIER (LOOKING DOWNSTREAM)

PHOTO

SCALE: NONE

2

ALASKA MARINE LINES YARD NO 2 PARTIAL PLAN

LOWER DUWAMISH
WATERWAY MIDDLE REACH
SEDIMENT CLEANUP

6	PO
---	----

PC

VPI

S-180

SHEET 69 OF 70

