CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

No. 13-208

RESOLUTION

GRANTING A SPECIAL MANAGEMENT AREA USE PERMIT AND SHORELINE SETBACK VARIANCE TO CONSTRUCT PORTIONS OF THE HONOLULU RAIL TRANSIT PROJECT (HRTP).

WHEREAS, on July 8, 2013, the Department of Planning and Permitting (DPP), accepted the application of the Honolulu Authority for Rapid Transportation, City and County of Honolulu, herein referred to as the "Applicant," for a Special Management Area Use Permit (SMP) and Shoreline Setback Variance (SSV) for the construction of portions of the HRTP and an outfall drain line and culvert which will encroach into the 40-foot shoreline setback area, located on Oahu, as depicted on Exhibit A attached hereto, and further identified as Tax Map Key 1-1-3: 3, 4, 6, 138; 9-3-2: 1; 9-4-1; 9-4-8: 2, 30; 9-4-11; 9-4-11: 41; 9-6-1: 1; 9-6-3: 1; 9-8-3: 10; 9-8-7: 8; 9-8-9: 5, 11, 17, 22; 19-8-14; 9-8-14: 5; 9-8-15; 9-8-15: 45; 9-8-19: 6; 9-9-1; 9-9-3; 9-9-3: 29; 9-9-12; and 9-9-12: 46; Reference Numbers 2013/SMA-23 and 2013/SV-3; and

WHEREAS, on August 2, 2013 and August 5, 2013 the DPP held public hearings which were attended by 34 members of the public; no public testimony was offered at the hearing; and

WHEREAS, on August 30, 2013 within 20 working days after the close of the public hearing, the DPP having duly considered all evidence and reports of said public hearing and the review guidelines as established in Sections 25-3.1, 25-3.2, and 23-1.8(b)(2), Revised Ordinances of Honolulu (ROH), and Sections 205A-2 and 205A-26, Hawaii Revised Statutes (HRS), completed its report and transmitted its findings and recommendation of approval to the Council; and

WHEREAS, the City Council, having received the findings and recommendation of the DPP on August 30, 2013, and at its meeting of _____, having duly considered all of the findings and reports on the matter, approved the subject application for an SMP and SSV with the conditions enumerated below; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that an SMP and SSV be issued to the Applicant under the following conditions;

A. Construction and operation shall be in general conformity with the portions of the Honolulu Rail Transit Project (HRTP) as described in the Report and Recommendation of the Director of the Department of Planning and Permitting (DPP) referenced herein, and plans attached hereto as Exhibits A through N. Any changes in the size or nature of the Project which have a significant effect on shoreline and coastal resources addressed in Chapter 23 and Chapter 25, Revised Ordinances of Honolulu (ROH), and/or Chapter 205A, Hawaii Revised Statutes (HRS), shall require new applications and permits. Any changes which do not have a significant effect on coastal resources shall be considered a minor modification and, therefore, permitted under this resolution, upon review and approval of the Director of the DPP.

B. The Applicant shall obtain Zoning Waivers from the Director of the DPP for any portion of the Project, located within the Special Management Area and outside of the public right-of-way lots, that does not conform to applicable Land Use Ordinance (LUO) development or design standards. The Zoning Waiver shall be obtained prior to issuance of any building permit for any such portion of the Project.

C. If, during construction, any previously unidentified archaeological sites or remains (such as artifacts, shell, bone, or charcoal deposits, human burials, rock or coral alignments, pavings, or walls) are encountered, the Applicant shall follow the procedures outlined in HRS Chapter 6E and the Hawaii Administrative Rules promulgated thereunder, and in the applicable archaeological monitoring plan approved by the State Historic Preservation Division.

D. Artificial light from exterior lighting fixtures, including, but not necessarily limited to floodlights, uplights, or spotlights used for decorative or aesthetic purposes shall be prohibited if the light directly illuminates or directly projects across property boundaries toward the shoreline and ocean waters, except as may otherwise be permitted pursuant to Section 205A-71(b), HRS.

E. Approval of this SMP and SSV does not constitute compliance with other LUO or other governmental agencies' requirements, including building permit approval. They are subject to separate review and approval. The Applicant shall be responsible for insuring that the final plans for the Project approved under this permit comply with all applicable LUO and other governmental agencies' provisions and requirements.

CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

No. 13-208

RESOLUTION

BE IT FINALLY RESOLVED by the Council of the City and County of Honolulu that copies of this Resolution be transmitted to Daniel A. Grabauskas, Executive Director and CEO of the Honolulu Authority for Rapid Transportation, Alii Place, Suite 1700, 1099 Alakea Street, Honolulu, Hawaii 96813; George I. Atta, Director of the Department of Planning and Permitting, 650 South King Street, 7th Floor, Honolulu, Hawaii 96813; and Michael D. Formby, Director of the Department of Transportation Services, 650 South King Street, 3rd Floor, Honolulu, Hawaii 96813; and Nicki Thompson, Interim Administrator, State Historic Preservation Division, Department of Land and Natural Resources, Kakuhihewa Building, Room 555, 601 Kamokila Boulevard, Kapolei, Hawaii 96707; and Jesse K. Souki, Director of the Office of Planning (Attention: Coastal Zone Management Branch), P.O. Box 2359, Honolulu, Hawaii 96804.

INTRODUCED BY:

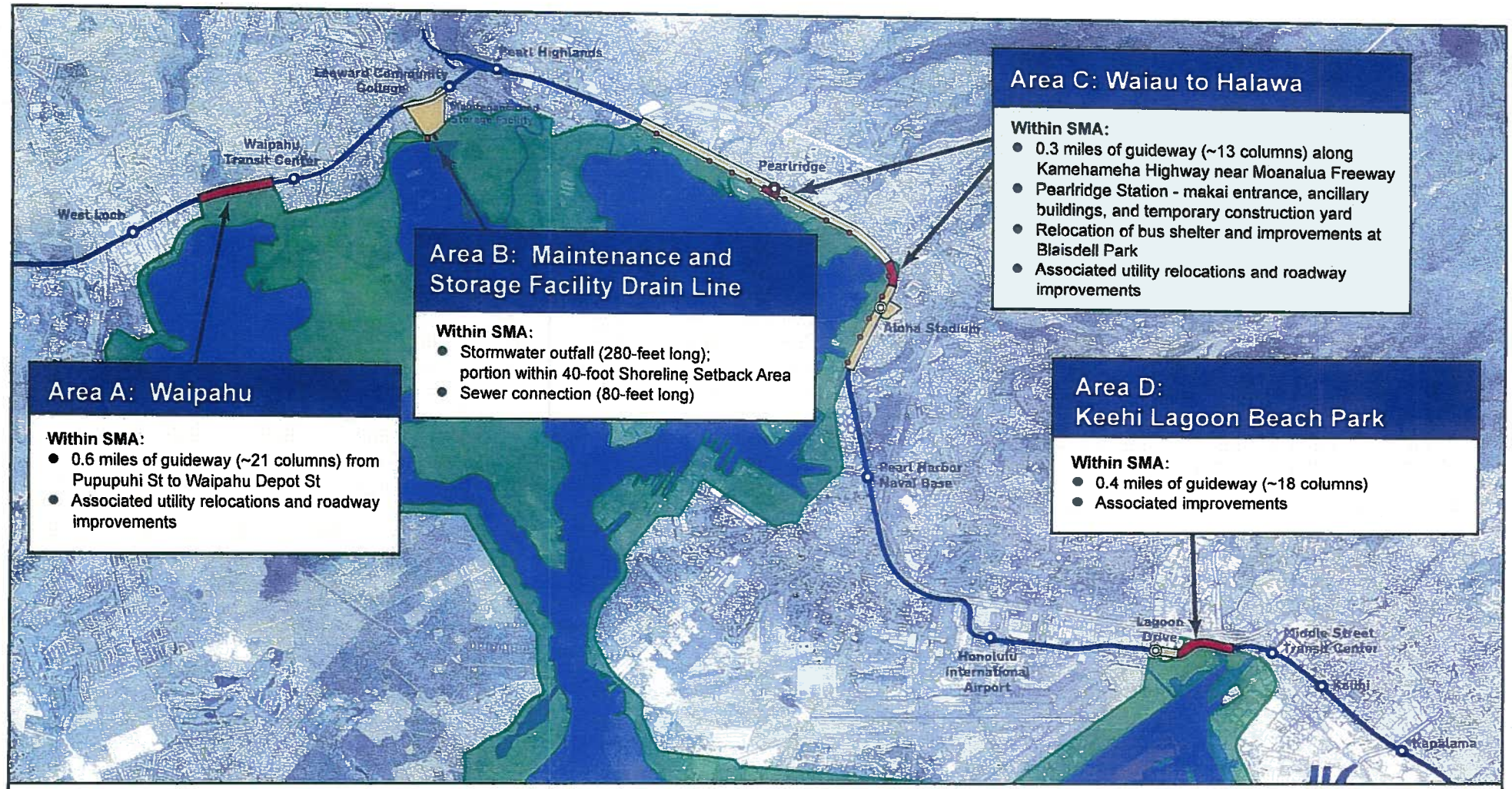
(br)

DATE OF INTRODUCTION:

AUG 30 2013

Honolulu, Hawaii

Councilmembers



LOCATION MAP - SPECIAL MANAGEMENT AREA

Honolulu Rail Transit Project

TAX MAP KEY(S): 1-1-3: 3, 4, 6, 138; 9-3-2:1; 9-4-1; 9-4-8: 2, 30; 9-4-11; 9-4-11: 41; 9-6-1: 1; 9-6-3:1; 9-8-3: 10; 9-8-7:8; 9-8-9: 5, 11, 17, 22; 9-8-14; 9-8-14: 5; 9-8-15; 9-8-15: 45; 9-8-19:6; 9-9-1; 9-9-3; 9-9-3:29; 9-9-12; 9-9-12:46

FOLDER NO.: 2013/SMA-23 and 2013/SV-3

EXHIBIT A

Date Prepared: July 2013 (rev 1)
Prepared by: Department of Planning & Permitting, City and County of Honolulu
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Map Legend

- Within SMA
- Adjacent to SMA
- Outside SMA
- SMA Area

Vicinity Map

0 0.25 0.5 1 Mile

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

BASIC INFORMATION

TAX MAP KEY	LAND AREA (ACRES)	PROJECT USE (ACRES)	EXISTING ZONING	STATE LAND USE DISTRICT	SITE ADDRESS/ LOCATION	EXISTING USE	RECORDED FEE OWNER(S) MAILING ADDRESS
AREA A: WAIPAHU							
9-4-1 9-4-11	n/a	n/a	R-7.5 B-2	Urban	Farrington Highway ROW[1]	Right-of-way/ Highway	State Department of Transportation, Highways Division 869 Punchbowl Street Honolulu, Hawaii 96813
9-4-11	n/a	n/a	B-2	Urban	Pahu Street ROW[2]	Right-of-way/Street	City and County of Honolulu, Department of Transportation Services 650 South King Street, 3rd Floor Honolulu, Hawaii 96813
9-4-11: 41	0.486	Negligible[3]	R-7.5	Urban	94-561 Farrington Highway	Utility installation	Hawaiian Telcom Inc. 1177 Bishop Street Honolulu, Hawaii 96813

TAX MAP KEY	LAND AREA (ACRES)	PROJECT USE (ACRES)	EXISTING ZONING	STATE LAND USE DISTRICT	SITE ADDRESS/ LOCATION	EXISTING USE	RECORDED FEE OWNER(S) MAILING ADDRESS
AREA B: MAINTENANCE AND STORAGE FACILITY							
9-3-2: 1	195.887	0.041	AG-2 P-1 P-2 F-1	Agricultural Conservation Urban	93-65 Waipio Point Access Road	Vacant	United States of America Department of the Navy 258 Makalapa Drive, Suite 100 Pearl Harbor, Hawaii 96860-3134
9-4-8: 2	1.984	0.083	P-2	Urban	Portion of Pearl Harbor bike path	Bike path	Hawaiian Electric Company, Inc. P.O. Box 2750 Honolulu, Hawaii 96840-0001 Attn: Robb T. Tanaka
9-4-8: 30	3.103	0.147	A-2	Urban	Eastern corner of planned Middle Loch Park	Vacant	City and County of Honolulu, Department of Parks and Recreation 1000 Uluohia Street, Suite 309 Kapolei, Hawaii 96707
9-6-1: 1	148.328	0.009	P-1	Urban	Makai of Pearl Harbor Bike Path	Vacant	United States of America, Department of the Navy 258 Makalapa Drive, Suite 100 Pearl Harbor, Hawaii 96860-3134
9-6-3: 1	3.258	0.009	P-2	Urban	Portion of Pearl Harbor Bike Path	Trail/ Bike path	

EXHIBIT B-1

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

TAX MAP KEY	LAND AREA (ACRES)	PROJECT USE (ACRES)	EXISTING ZONING	STATE LAND USE DISTRICT	SITE ADDRESS/ LOCATION	EXISTING USE	RECORDED FEE OWNER(S) MAILING ADDRESS
AREA C: WAIAU - HALAWA							
9-8-3: 10	15.249	Negligible[3]	I-2	Urban	475 Kamehameha Highway	Power plant	Hawaiian Electric Company, Inc. P.O. Box 2750 Honolulu, Hawaii 96840-0001 Attn: Robb T. Tanaka
9-8-7: 8	21.354	0.425	P-2	Urban	245 Kamehemeha Highway	Park	City and County of Honolulu Department of Parks and Recreation 1000 Uluohia Street, Suite 309 Kapolei, Hawaii 96707
9-8-9: 5	2.024	2.024	I-2	Urban	98-085 Kamehameha Highway	Temporary construction yard	Continental Investment Co. P.O. Box 488 Aiea, Hawaii 96701
9-8-9: 11	3.278	0.022[4]	IMX-1	Urban	98-051 Kamehameha Highway	Retail establishment	Healani Land Company Inc. P.O. Box 17658 Honolulu, Hawaii 96817
9-8-9: 17	0.5583	0.558	I-2	Urban	98-077 Kamehameha Highway	Temporary construction yard	Continental Investment Co. P.O. Box 488 Aiea, Hawaii 96701
9-8-9: 22	0.379	0.028[4]	I-2	Urban	Hekaha Street ROW	Right-of-way	Honolulu Limited Hekaha Street LLC 3660 Waialae Avenue #400 Honolulu, Hawaii 96816
							MAGBA Inc. 225 Queen Street, Suite 10B Honolulu, Hawaii 96813
9-8-14	n/a	n/a	I-2	Urban	Lipoa Place ROW	Right-of-way	City and County of Honolulu Department of Transportation Services 650 South King Street, 3rd Floor Honolulu, Hawaii 96813
9-8-14: 5	3.4192	0.002	I-2	Urban	98-107 Kamehameha Highway	Furniture warehouse	Bernice Pauahi Bishop Estate P.O. Box 3566 Honolulu, Hawaii 96801
9-8-15	n/a	n/a	R-5	Urban	Aiea Kai Place ROW	Right-of-way	City and County of Honolulu Department of Transportation Services 650 South King Street, 3rd Floor Honolulu, Hawaii 96813
9-8-15: 45	1.3097	0.005[4]	B-2	Urban	98-199 Kamehameha Highway	Shopping center	Bernice Pauahi Bishop Estate P.O. Box 3566 Honolulu, Hawaii 96801

EXHIBIT B-2

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

TAX MAP KEY	LAND AREA (ACRES)	PROJECT USE (ACRES)	EXISTING ZONING	STATE LAND USE DISTRICT	SITE ADDRESS/ LOCATION	EXISTING USE	RECORDED FEE OWNER(S) MAILING ADDRESS
AREA C: WAIAU – HALAWA cont'd							
9-8-19: 6	1.727	0.014[4]	R-5	Urban	McGrew Loop ROW	Right-of-way	United States of America Department of the Navy 258 Makalapa Drive, Suite 100 Pearl Harbor, Hawaii 96860-3134
9-9-1	n/a	n/a	R-5	Urban	Kamehameha Highway ROW	Right-of-way	State Department of Transportation, Highways Division
9-9-3 9-9-12	n/a	n/a	R-5	Urban	Kamehameha Highway ROW	Right-of-way/Highway	State Department of Transportation, Highways Division 869 Punchbowl Street Honolulu, Hawaii 96813
9-9-3: 29	25.143	0.005[4]	F-1	Urban	Kamehameha Highway across Salt Lake Boulevard	Water pipeline easement	United States of America Department of the Navy 258 Makalapa Drive, Suite 100 Pearl Harbor, Hawaii 96860-3134
9-9-12: 46	0.315	Negligible[3]	F-1	Urban	99-173 Kamehameha Highway	Vacant	State of Hawaii, Department of Land and Natural Resources Kalanimoku Building 1151 Punchbowl Street, Room 130 Honolulu, Hawaii 96813

TAX MAP KEY	LAND AREA (ACRES)	PROJECT USE (ACRES)	EXISTING ZONING	STATE LAND USE DISTRICT	SITE ADDRESS/ LOCATION	EXISTING USE	RECORDED FEE OWNER(S) MAILING ADDRESS
AREA D: KEEHI LAGOON BEACH PARK							
1-1-3: 3	5.166	0.11	P-2	Urban	Between Moanalua and Kalihi Streams	Outdoor recreation facility	State of Hawaii, Department of Land and Natural Resources Kalanimoku Building 1151 Punchbowl Street, Room 130 Honolulu, Hawaii 96813
1-1-3: 4	11.087	0.28	P-2	Urban	2685 North Nimitz Highway	Meeting facility	State of Hawaii, Department of Land and Natural Resources
1-1-3: 6	69.171	1.32	P-2	Urban	465 Lagoon Drive	Public park	State of Hawaii, Department of Land and Natural Resources
1-1-3:138	4.967	0.14	P-1	Urban	Moanalua Stream	Stream	State of Hawaii, Department of Land and Natural Resources

1. State of Hawaii ROW for Farrington Highway is controlled by the State Department of Transportation, Highways Division.
2. City and County of Honolulu ROW for Pahu Street is controlled by the City and County of Honolulu, Department of Transportation Services.
3. Overhead utility
4. Underground utility or minor paving

EXHIBIT B-3

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

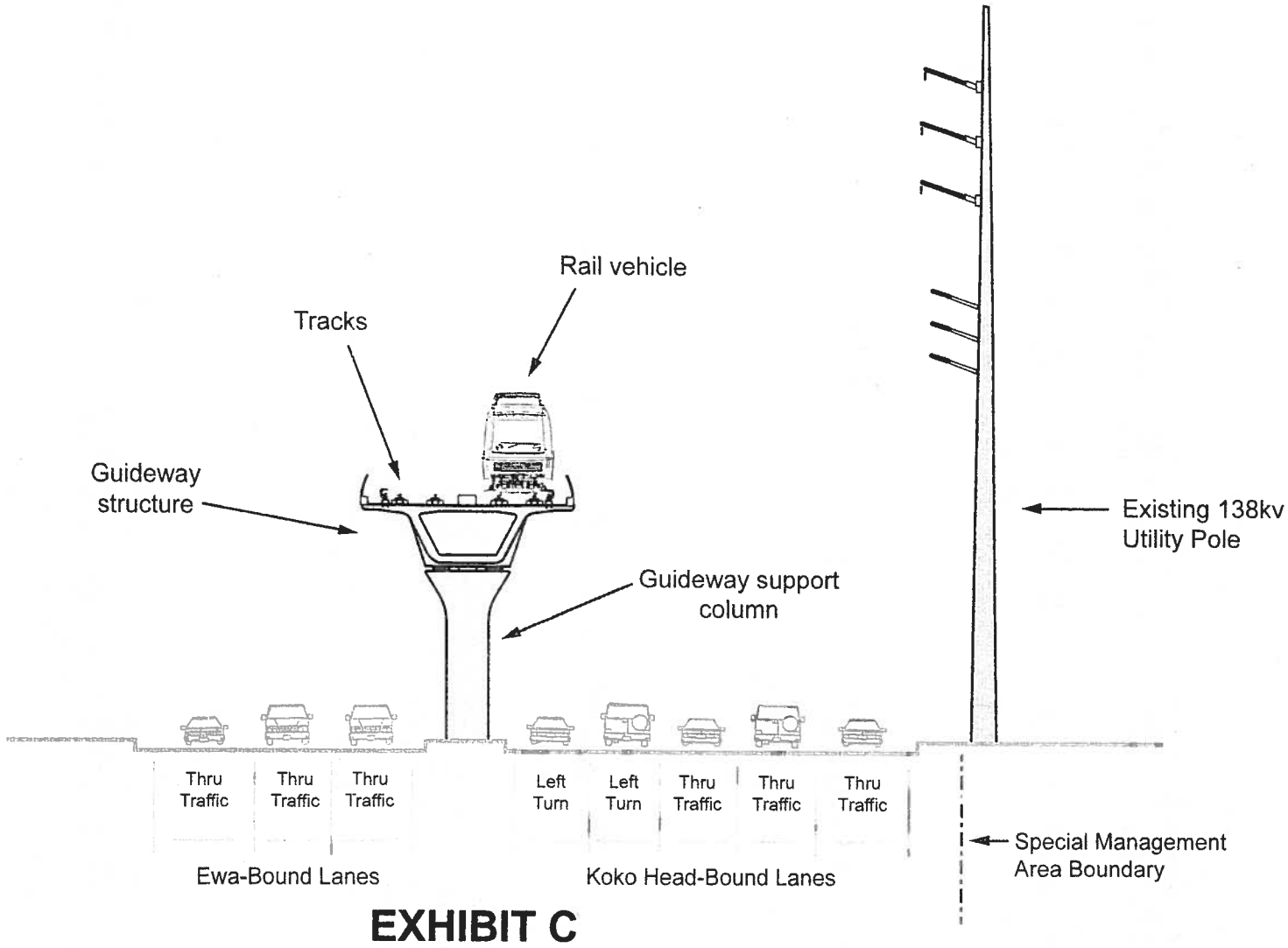


EXHIBIT C

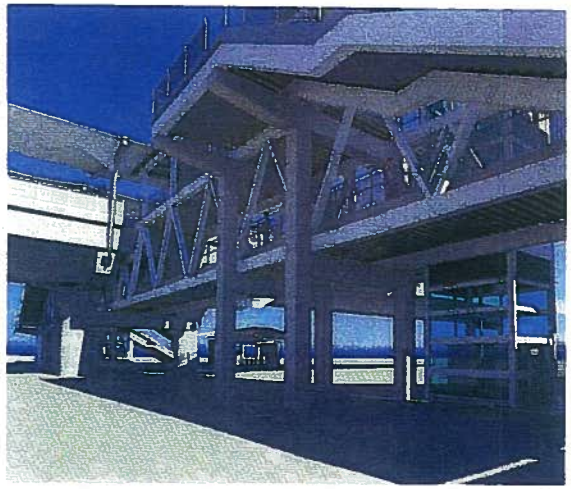
Honolulu Rail Transit Project

Section along Kamehameha Highway - near Pearlridge Station

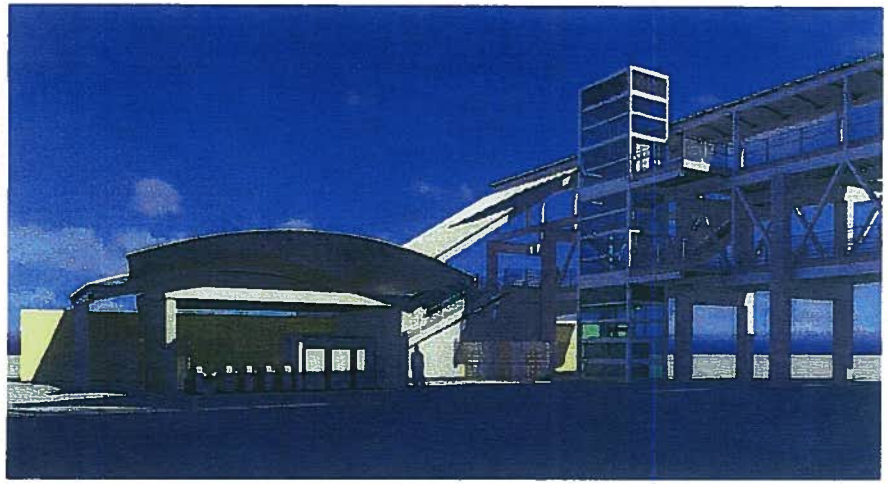
0 10' Makai →

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

CONCOURSE BRIDGE (1 / AR401)
NTS

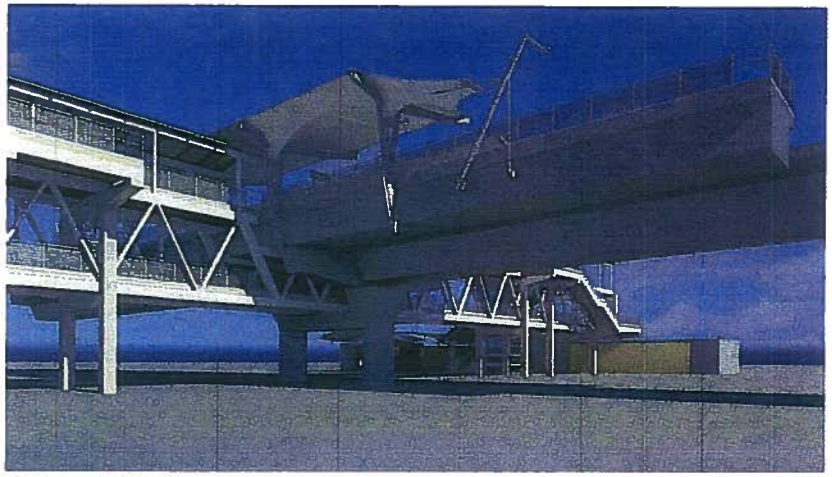


PERSPECTIVE VIEW 1 (2 / AR401)
NTS



MAKAI ENTRANCE (3 / AR401)
NTS

EXHIBIT D-1



PERSPECTIVE VIEW 2 (2 / AR401)
NTS

Rev	By	Date	Description
B	JA	08-12-13	NTP 2 – Interim Design Submission
A	JA	04-22-13	NTP 1B – Revision to PE Submission

2013-08-09 12:51 PM C:\Users\User\Desktop\TEMP\SD1-H07-AR401.dwg

This work was prepared by me or under my supervision.

Signature

Expiration date of license

Designed: M Peika
Drawn: M Saupan
Checked: J Arias
Approved: M Peika
Date: 08-05-13

HONOLULU RAIL TRANSIT PROJECT
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: Anil Verma Associates, Inc.
841 Bishop Street, Suite 1888, Honolulu, HI 96813
Phone: (808) 369-6100 www.anilverma.com

Subconsultant:

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PEARLRIDGE STATION

RENDERINGS

Contract No.: SC-HRT-1200111
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Drawing No: AR401
Rev. B
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Page No. of

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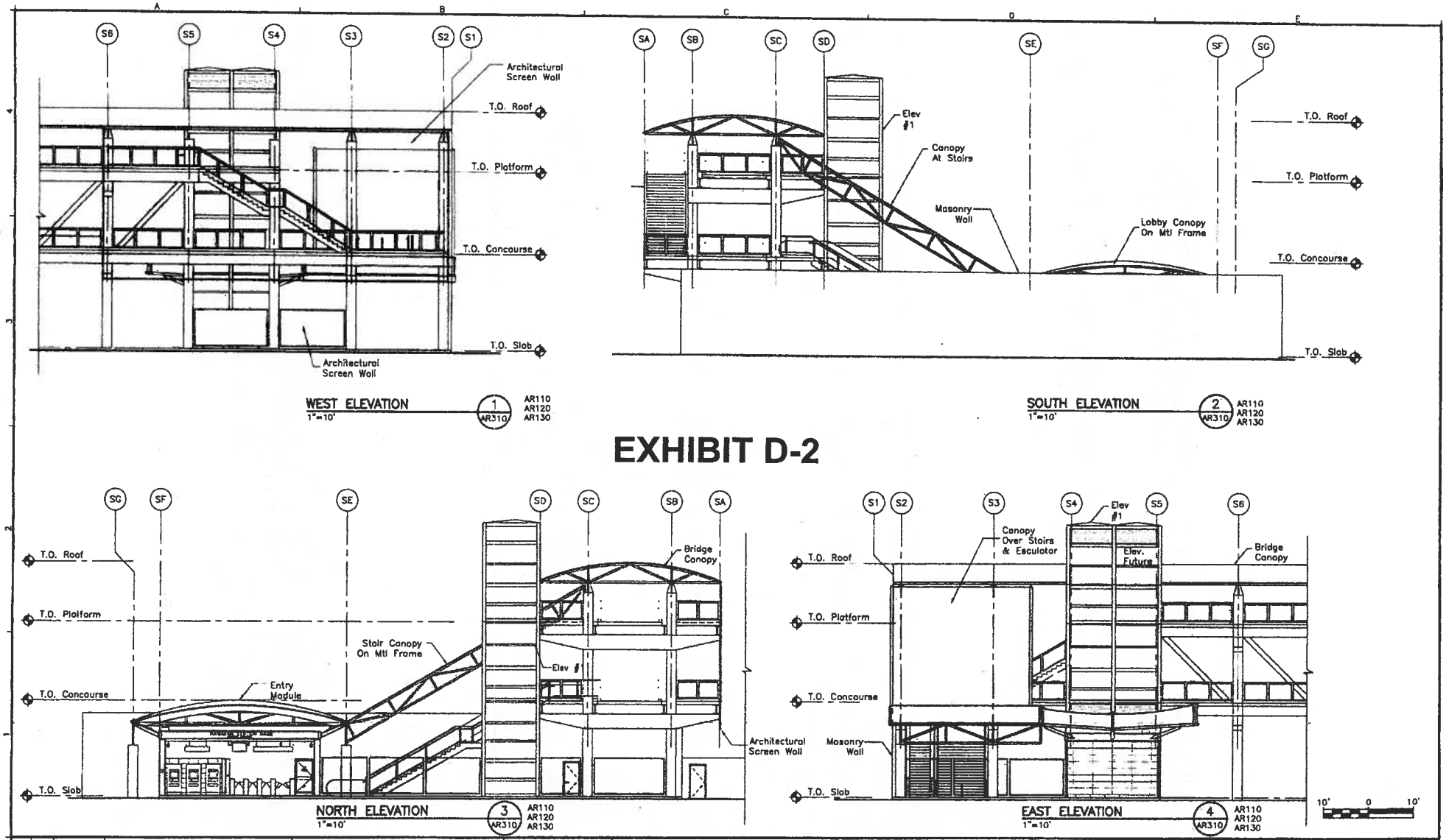

EXHIBIT D-2

Rev	By	Date	Description
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2013-04-20 11:25 PM C:\pwworkdir\jaea\dms00405\SD1-H06-AR310.dwg

Designed: M Peika
Drawn: M Saupan
Checked: J Arias
Approved: M Peika
Date: 04-19-13

HONOLULU RAIL TRANSIT PROJECT
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: Anil Verma Associates, Inc.
841 Bishop Street, Suite 1858, Honolulu, HI 96813
Phone: (808) 389-8108 www.anilverma.com

Subconsultant:

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PEARLRIDGE STATION
EXTERIOR ELEVATIONS

Contract No.: SC-HRT-1200111
CADD File: SD1-H06-AR310
Drawing No: AR310
Rev. A
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Page No. 10 of 40

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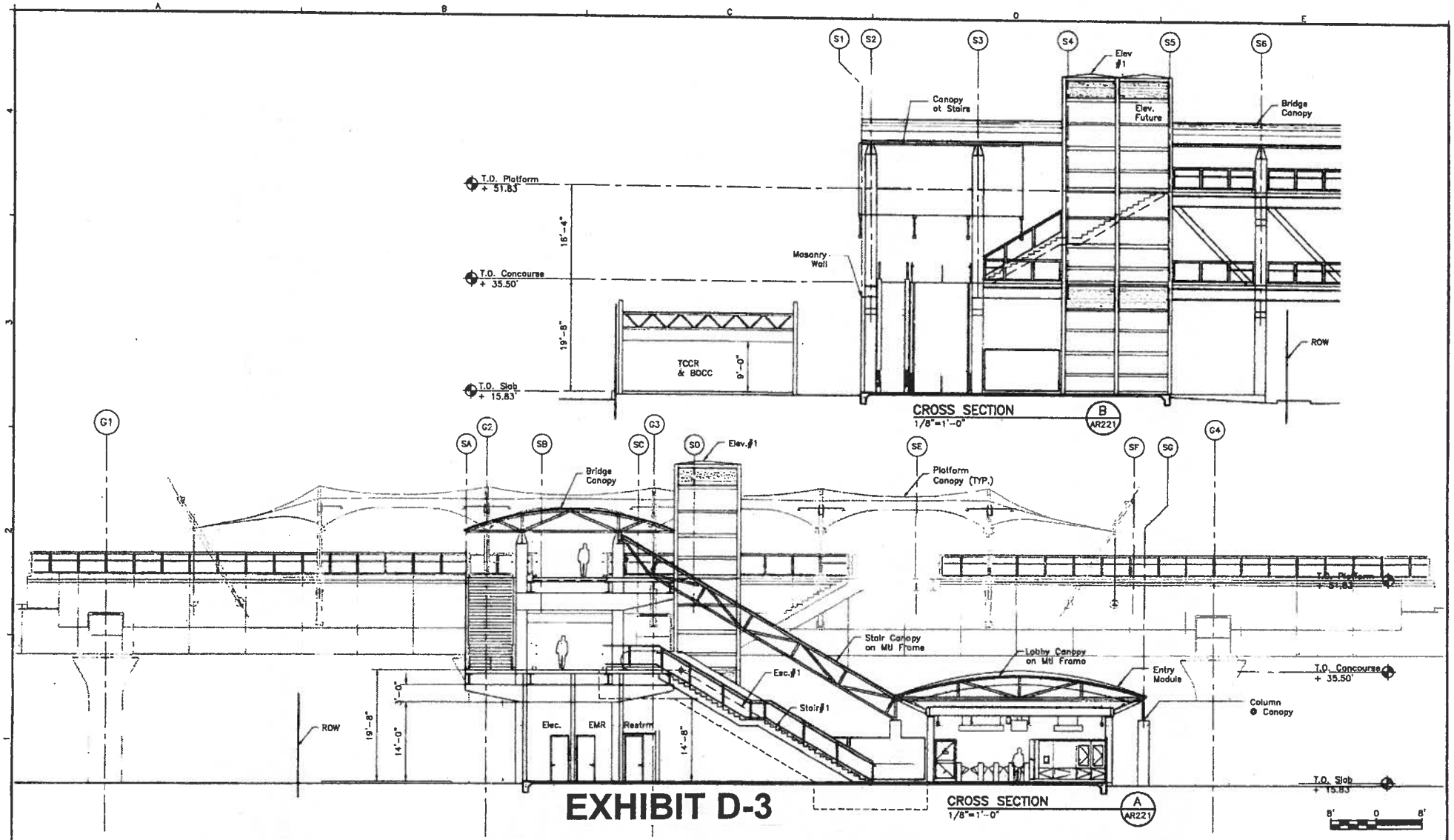

EXHIBIT D-3

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Designed: M Peiko
Drawn: M Soupan
Checked: J Arias
Approved: M Peiko
Date: 04-19-13

HONOLULU RAIL TRANSIT PROJECT
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

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941 Bishop Street, Suite 1888, Honolulu, HI 96813
Phone: (808) 369-6108 www.anilverma.com

Subconsultant:

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PEARLRIDGE STATION
CROSS SECTIONS

Contract No.: SC-HRT-1200111
CADD File: SD1-H05-AR221
Drawing No.: AR221
Rev. A
Scale: 1/8" = 1'-0"
Page No. 9 of 40

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

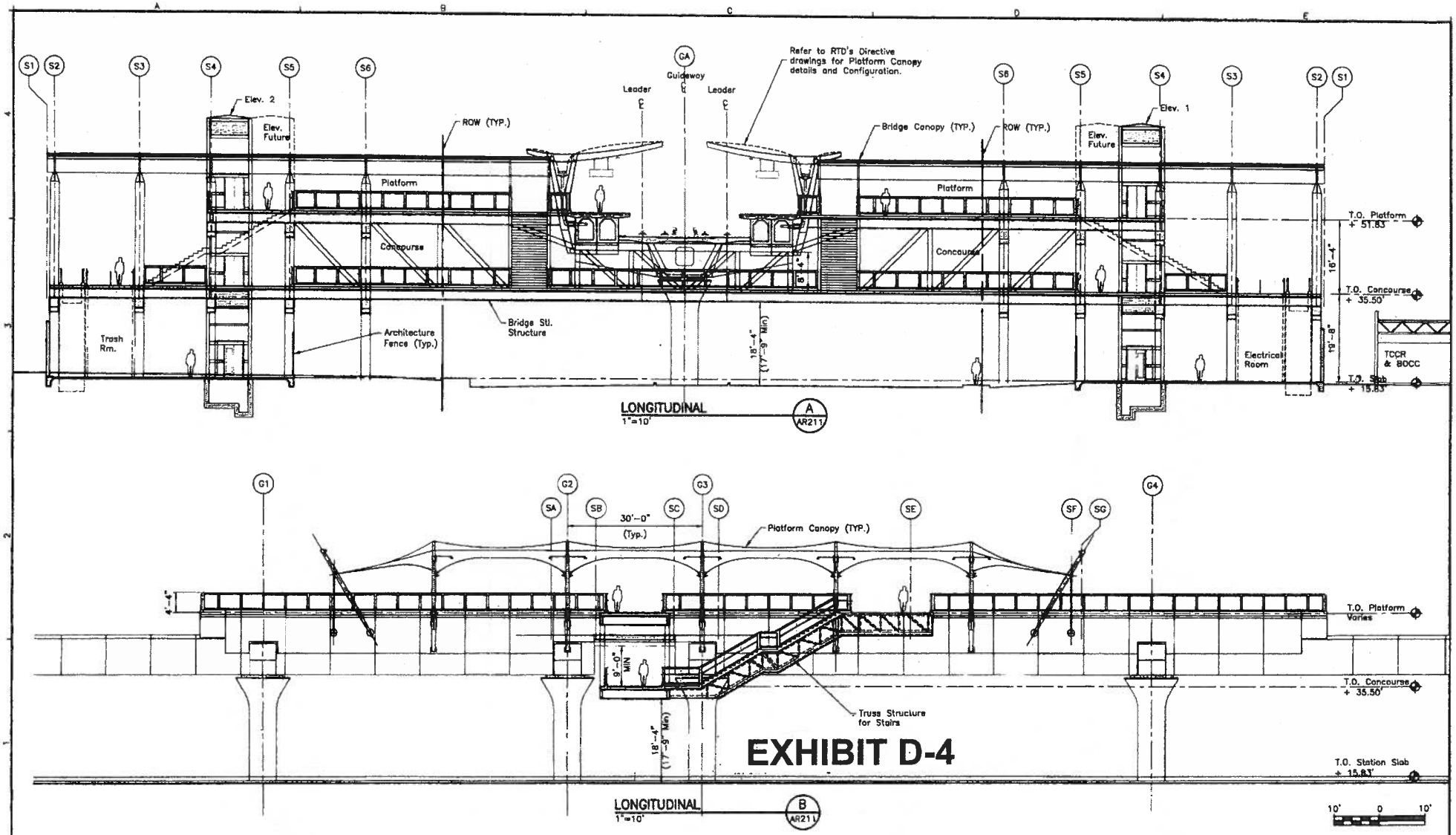

EXHIBIT D-4

Rev	By	Date	Description
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Designed: M Peiko
Drawn: M Saupan
Checked: J Arias
Approved: M Peiko
Date: 04-19-13

HONOLULU RAIL TRANSIT PROJECT
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: Anil Verma Associates, Inc.
841 Bishop Street, Suite 1888, Honolulu, HI 96813
Phone: (808) 388-8108 www.anilverma.com

Subconsultant:

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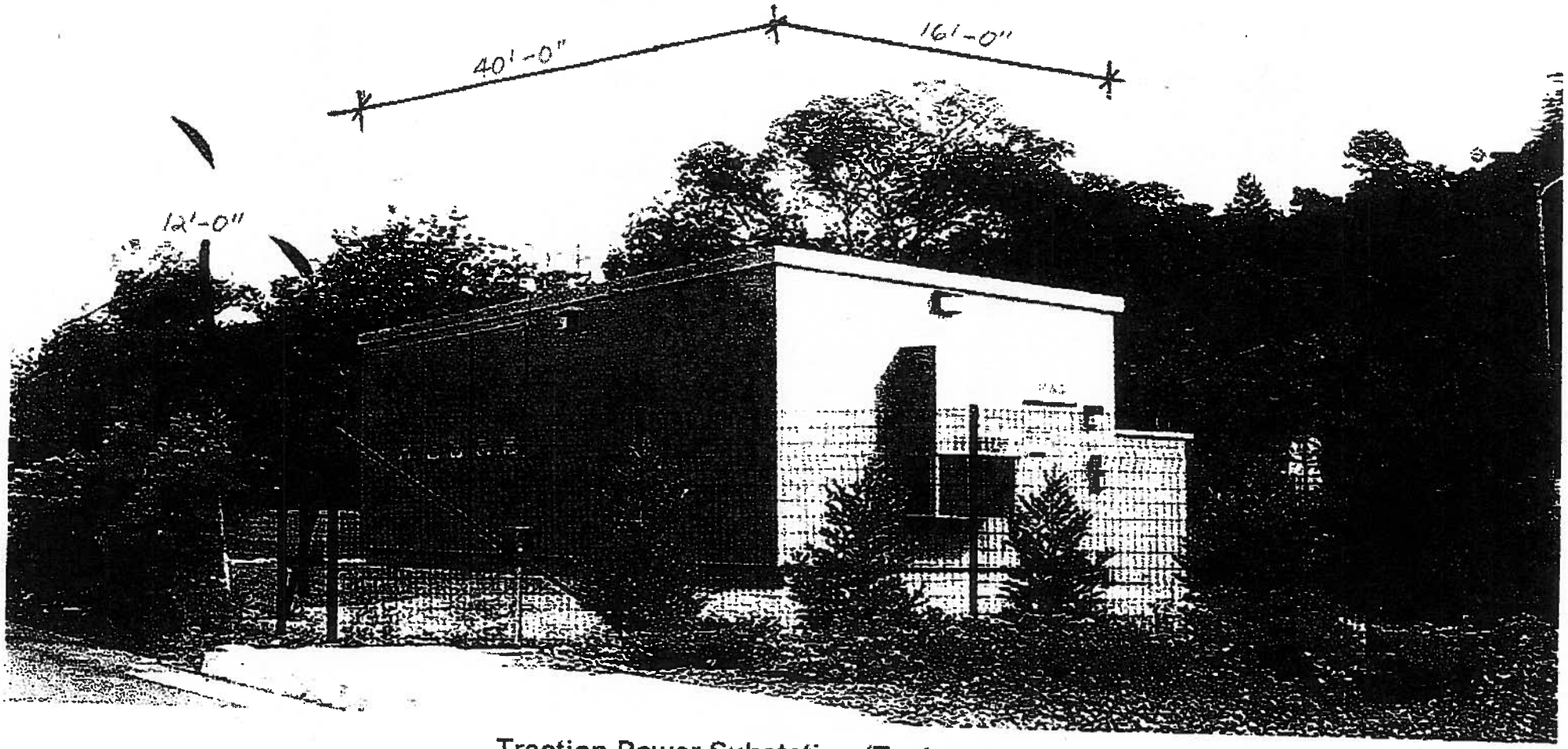
PEARLRIDGE STATION

LONGITUDINAL SECTIONS

Contract No.: SC-HRT-1200111
CADD File: SD1-H05-AR211
Drawing No: AR211
Rev. A
Scale: 1" = 10'
Page No. 8 of 40

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3



Traction Power Substation (Typical)

EXHIBIT E

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

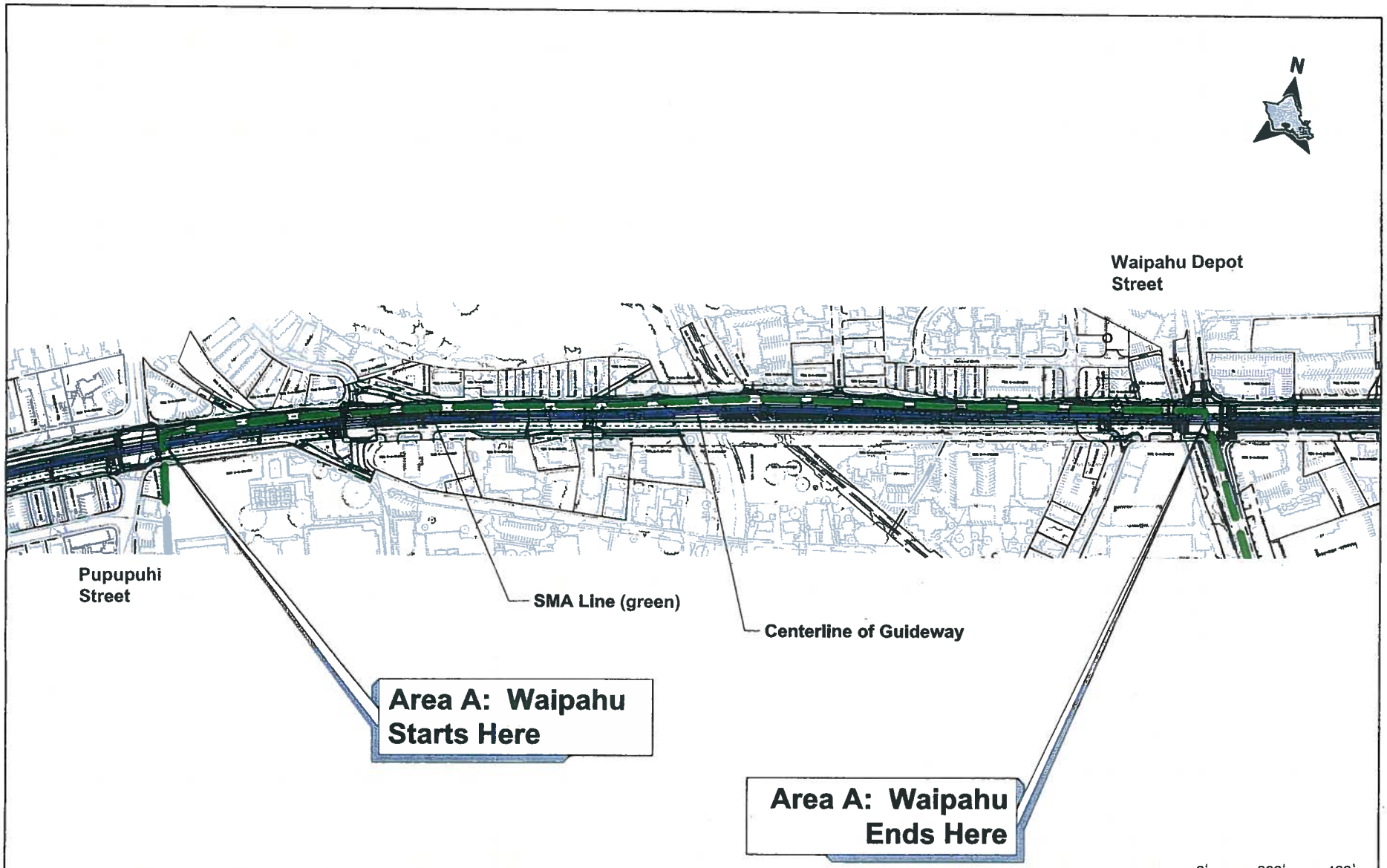


EXHIBIT F

HART
HONOLULU AUTHORITY for RAPID TRANSPORTATION

HONOLULU RAIL TRANSIT PROJECT

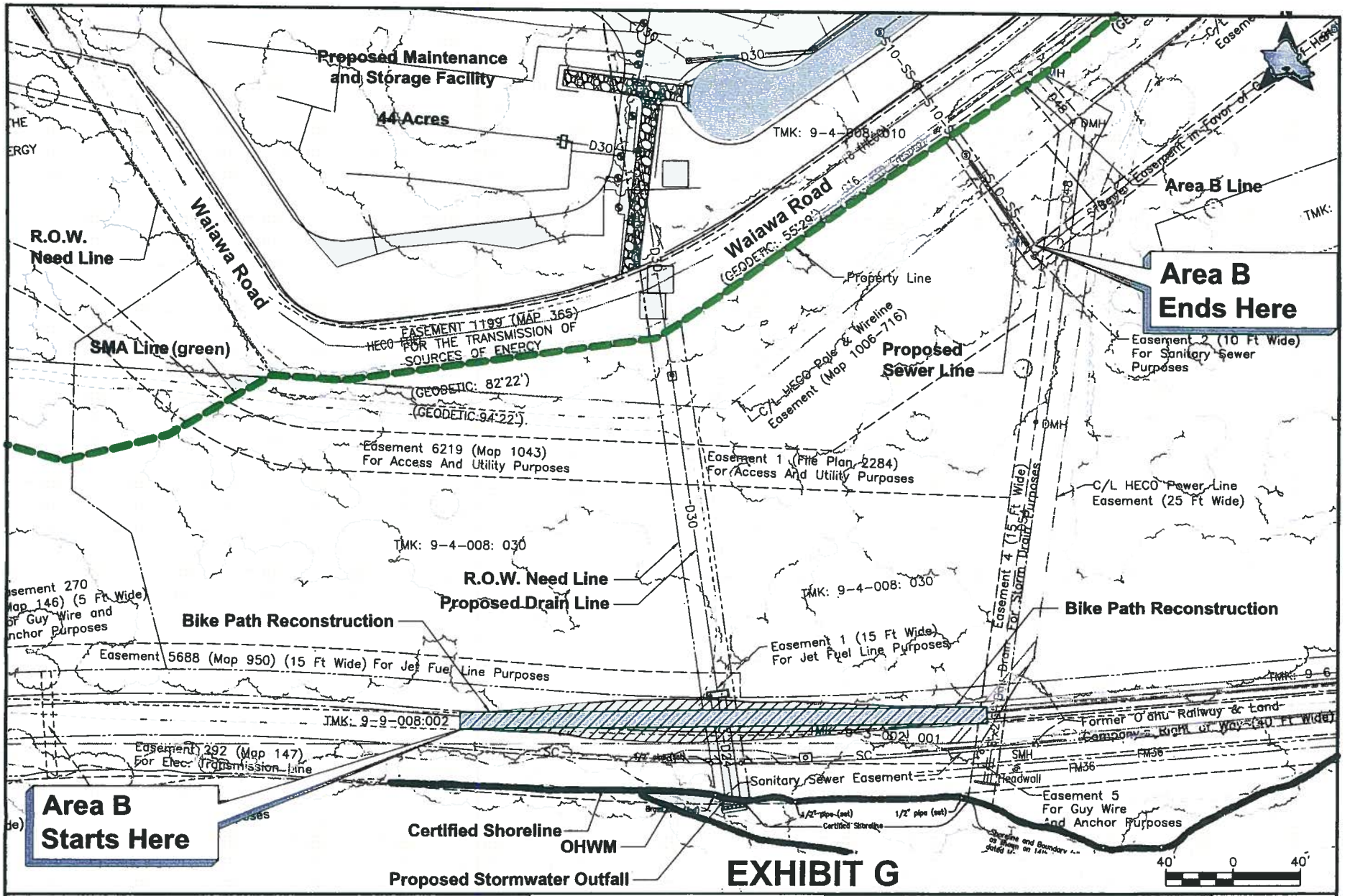
SPECIAL MANAGEMENT AREA
AREA A
OVERVIEW
STA 611+00 TO STA 646+00

Drawing No: A-00

Date: 05-20-2013

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3



HART
HONOLULU AUTHORITY for RAPID TRANSPORTATION

HONOLULU RAIL TRANSIT PROJECT

SPECIAL MANAGEMENT AREA
AREA B
PLAN

MAINTENANCE AND STORAGE FACILITY (MSF)

Drawing No: B-01

Date: 06-20-2013

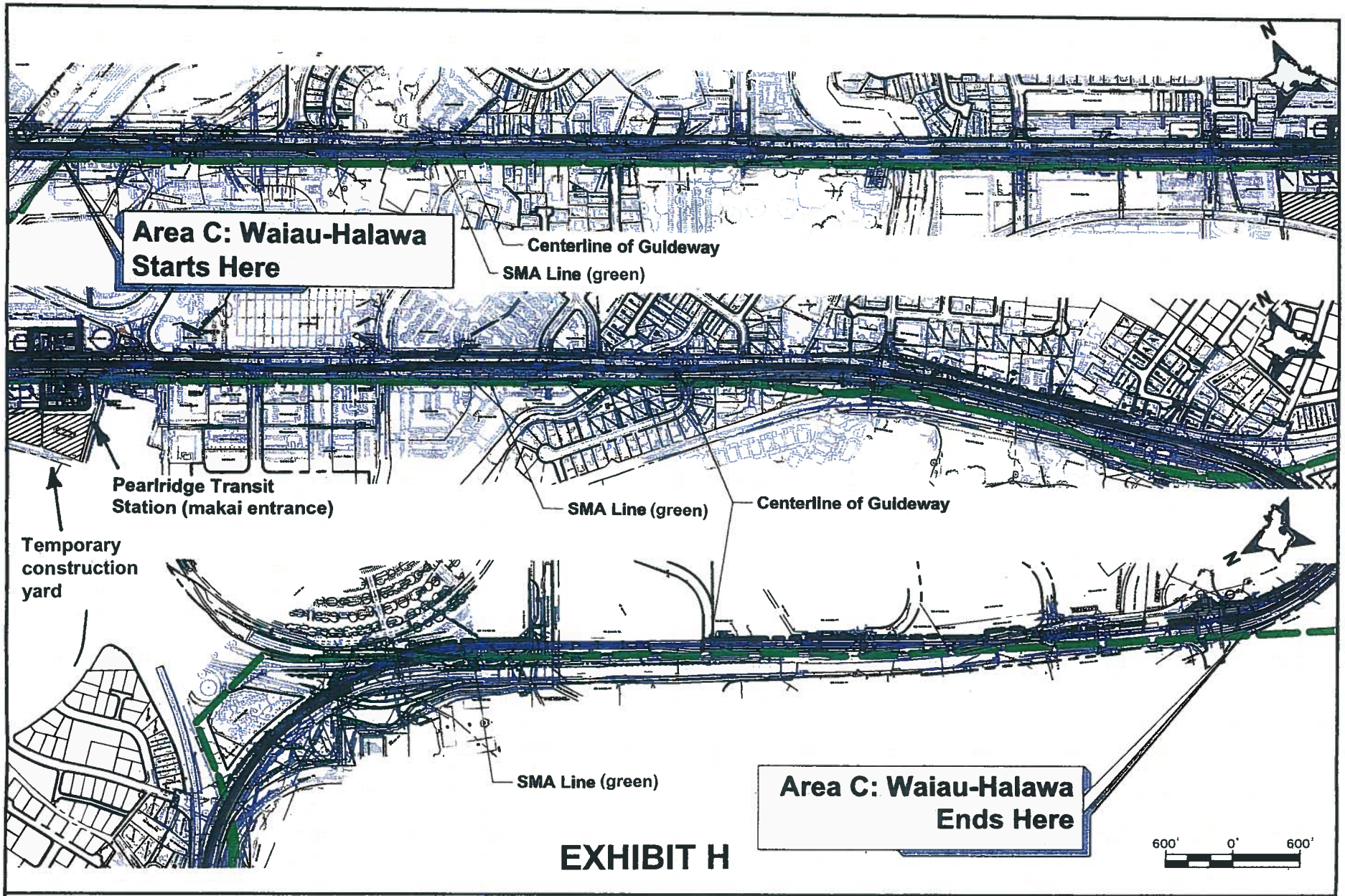


EXHIBIT H

HART
HONOLULU AUTHORITY for RAPID TRANSPORTATION

HONOLULU RAIL TRANSIT PROJECT

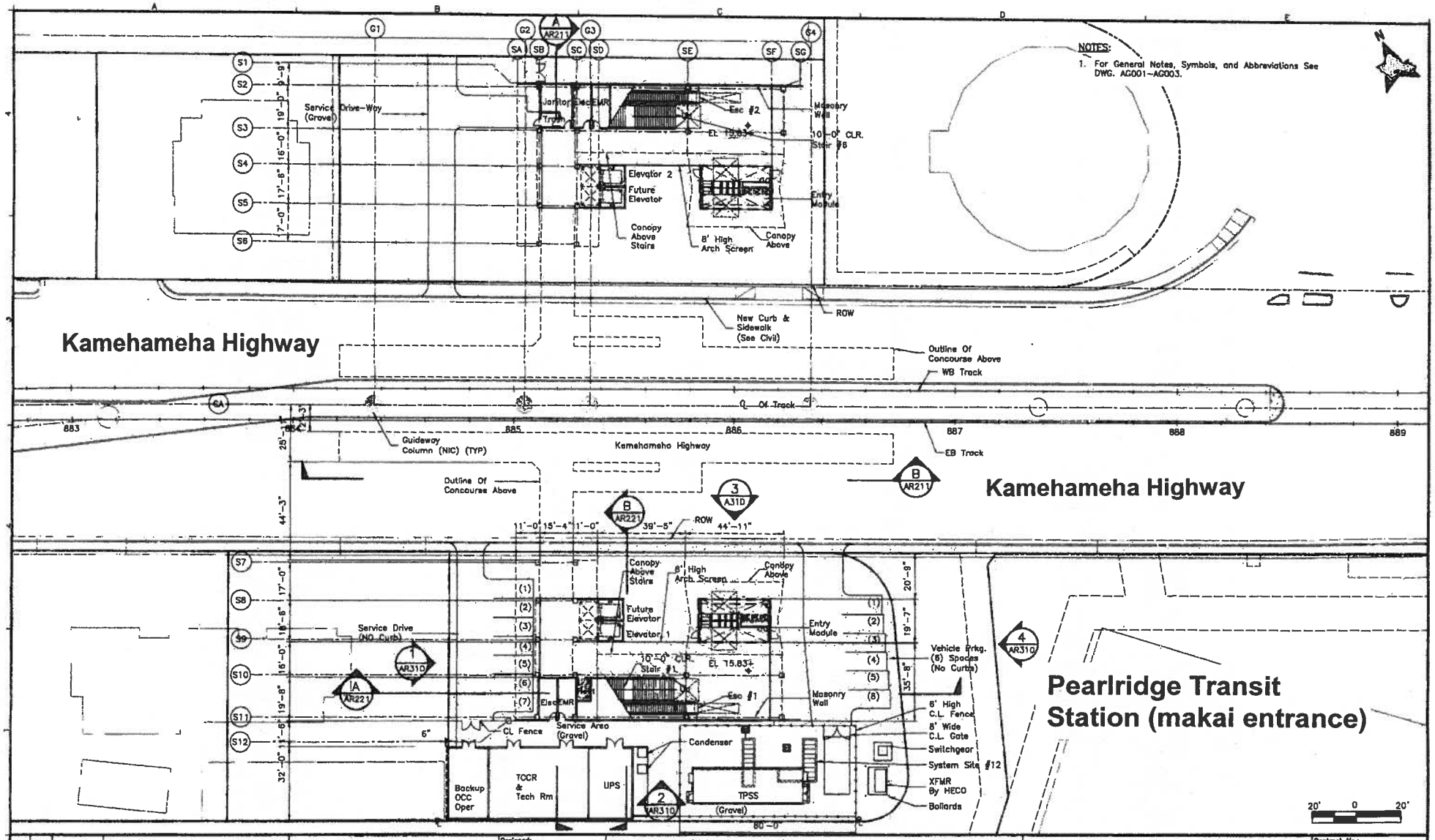
SPECIAL MANAGEMENT AREA
AREA C
OVERVIEW
STA 826+00 TO STA 994+00

Drawing No: C-00

Date: 5-20-2013

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3



Rev	By	Date	Description
A	JA	04-22-13	NTP 1B – Revision to PE Submission

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Designed: M Peika
Drawn: M Saupan
Checked: J Arias
Approved: M Peika
Date: 04-19-13

HONOLULU RAIL TRANSIT PROJECT
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: Anil Verma Associates, Inc.
841 Bishop Street, Suite 1888, Honolulu, HI 96813
Phone: (808) 369-6108 www.anilverma.com

Subconsultant:

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PEARLRIDGE STATION
GROUND FLOOR PLAN

Contract No.: SC-HRT-1200111
CADD File: SD1-H03-AR110
Drawing No: AR110
Rev.
Scale: 1" = 20'
Page No. 9 of 40

EXHIBIT I

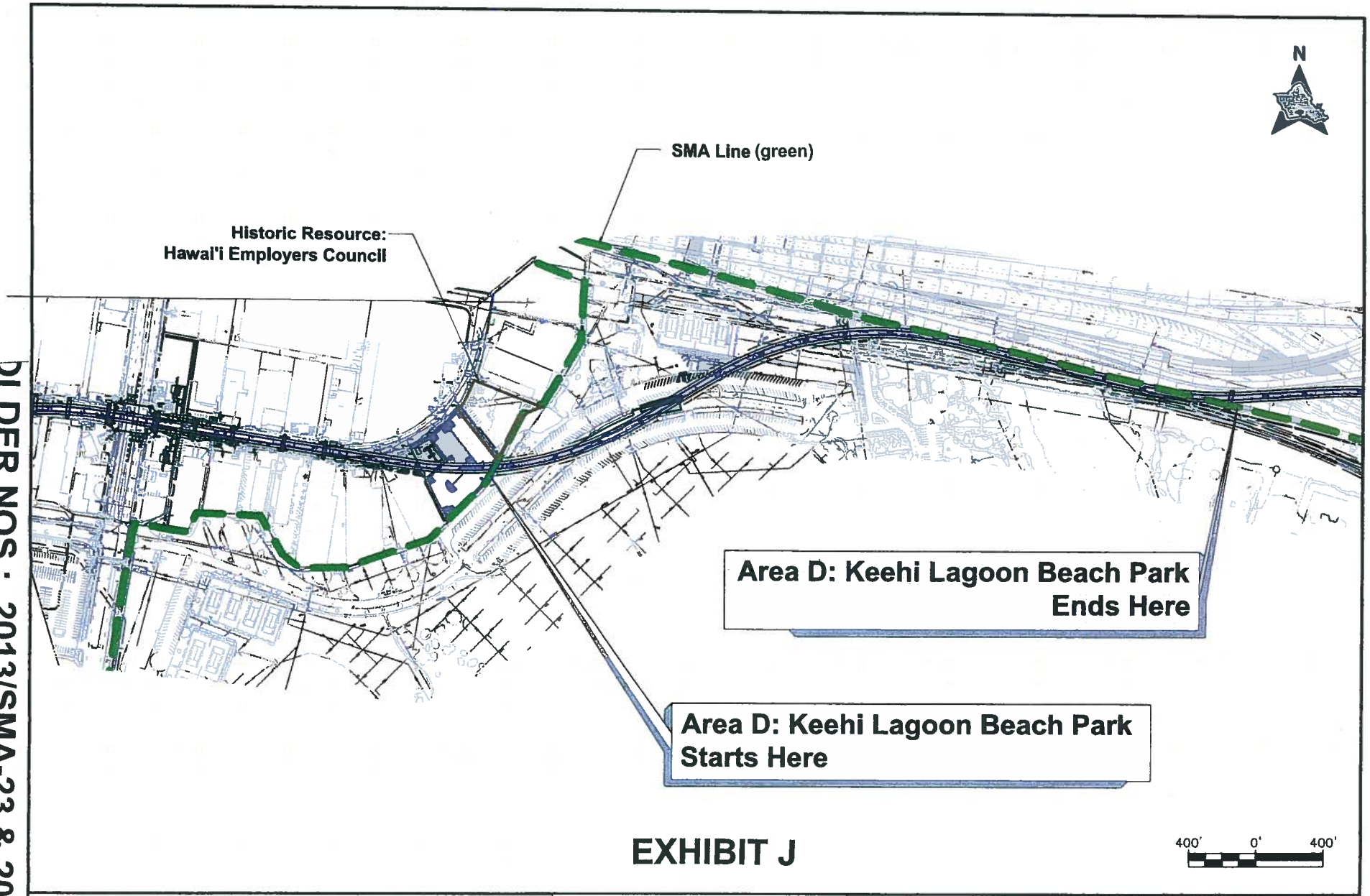


EXHIBIT J

HART
HONOLULU AUTHORITY for RAPID TRANSPORTATION

HONOLULU
RAIL TRANSIT PROJECT

SPECIAL MANAGEMENT AREA
AREA D
HISTORIC RESOURCES
STA 1217+60± TO STA 1240+00

Drawing No:
D-HR

Date:
05-20-2013

DLDER NOS.: 2013/SMA-23 & 2013/SV-3

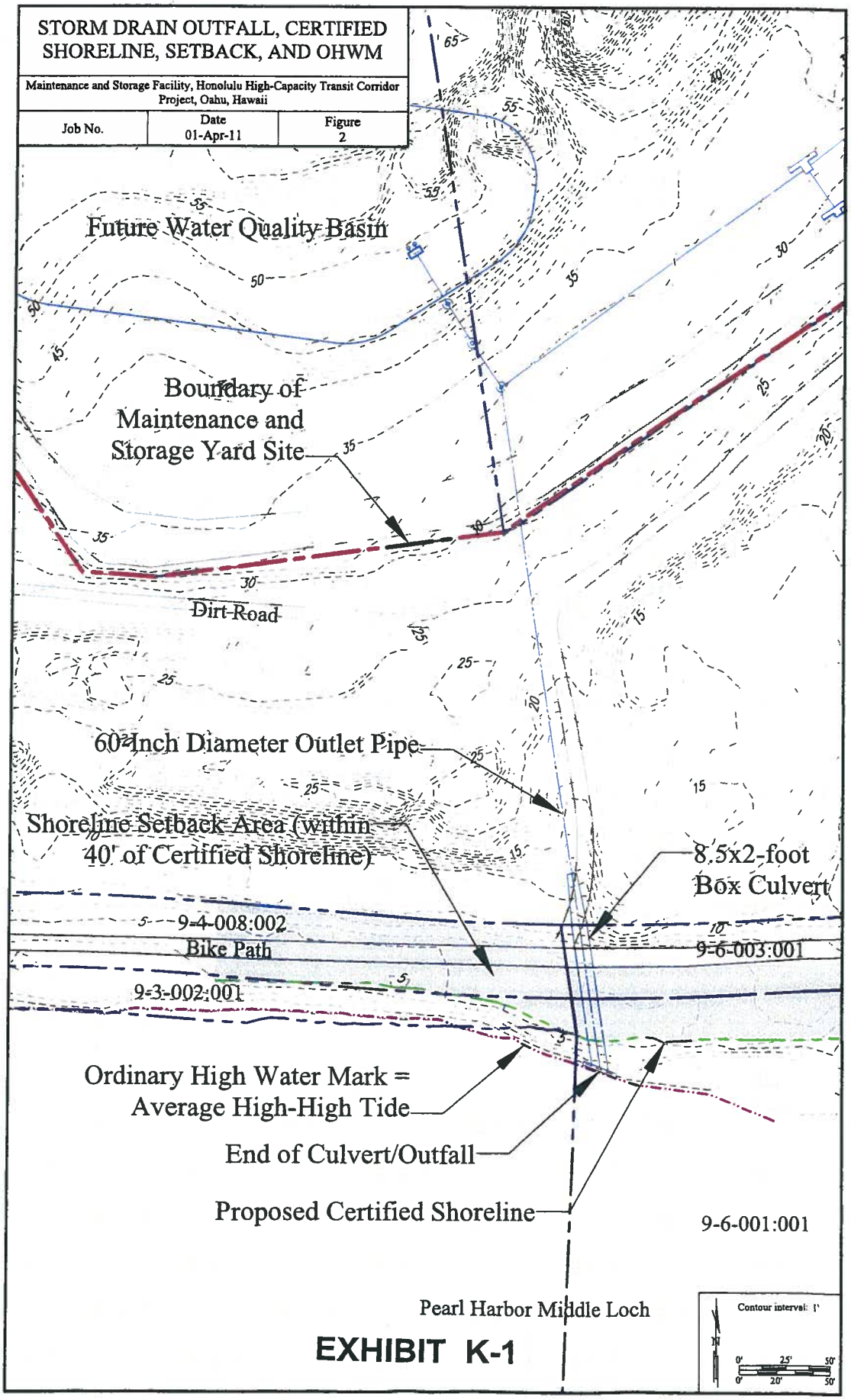
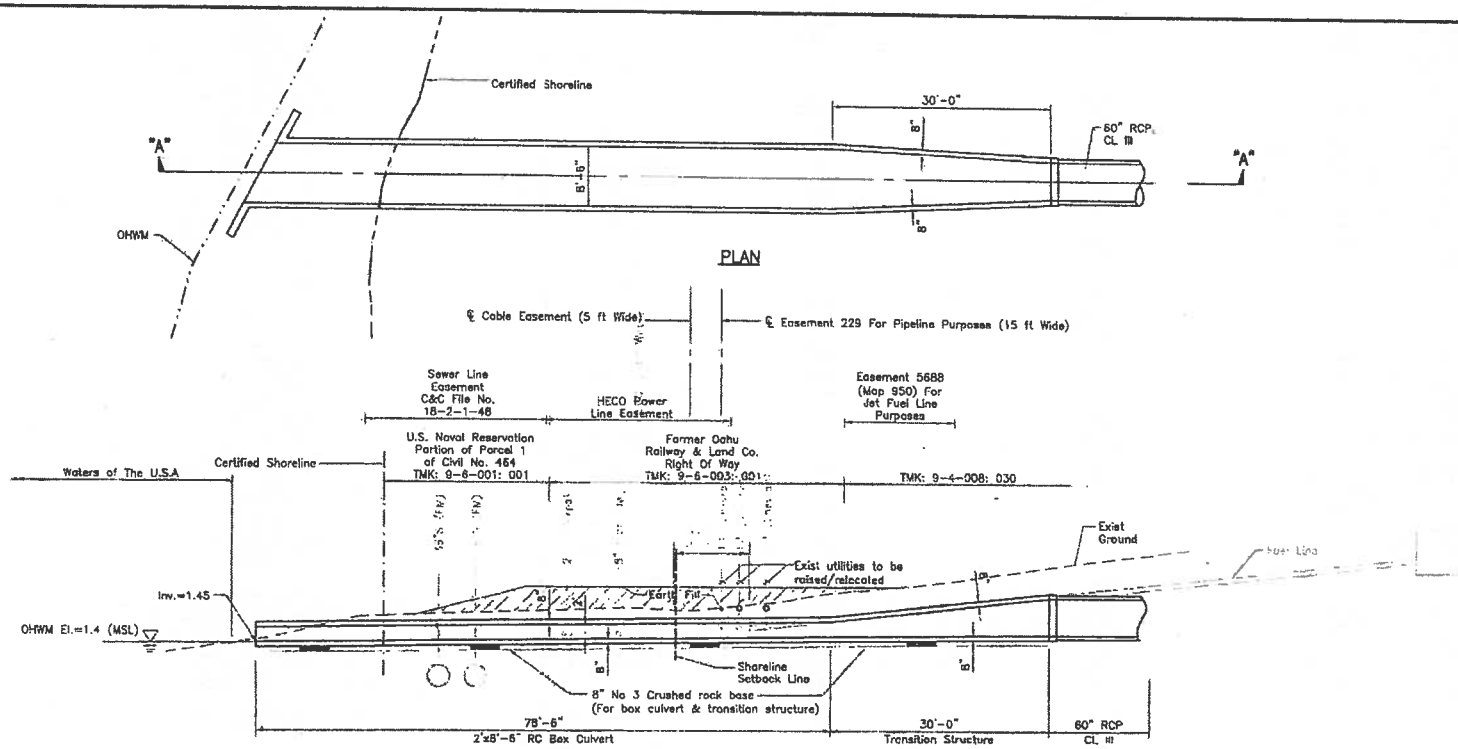


EXHIBIT K-1

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3



SECTION "A-A"

RC BOX CULVERT & TRANSITION STRUCTURE
1/8"=1'-0"

EXHIBIT K-2

NOTES:

1. Existing utilities shown in detail Section "A-A" are for schematic purposes only. Design-Builder shall verify locations of existing utility lines in conflict with the Drain or box Culvert.
2. Design-Builder shall relocate or raise any utility lines obstructing Drain or Box Culvert.
3. Design-Builder shall ensure adequate cover over all drainage structures and utilities.
4. This detail is for reference only. Design-Builder shall verify actual drain line slopes and existing conditions.

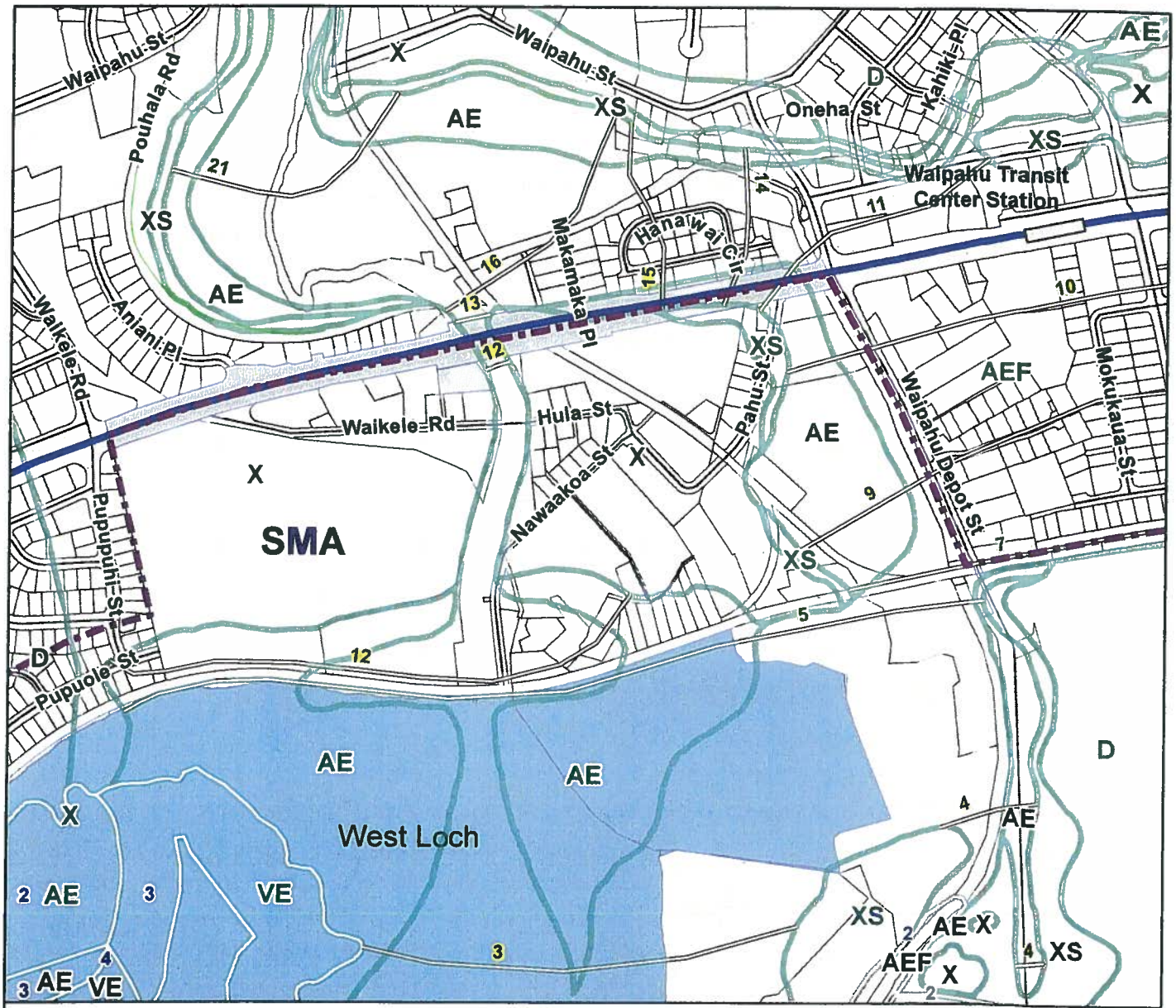
0 2' 4' 8' 16'

CITY & COUNTY OF HONOLULU DEPARTMENT OF TRANSPORTATION SERVICES RAPID TRANSIT DIVISION	HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT	Scale:	PRELIMINARY PLANS AND DETAILS FOR SHORELINE SETBACK PERMIT MAINTENANCE AND STORAGE FACILITY PEARL HARBOR OUTFALL DETAILS SHEET 2 OF 2

Page No. of
Drawing No:
Date:

Date Saved: 17 Jan 2011 - 11:06am
CAD File Name: S:\CADD\Permitting\401 WQC\SCY-817-02000-pearl Harbor Outfall Meds.dwg
Last Plot Date: 06/17/08

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3



PORTION OF

FLOOD HAZARD MAP

Honolulu Rail Transit Project

Area A: Waipahu

FOLDER NO.: 2013/SMA-23 and 2013/SV-3

TAX MAP KEY(S): 9-4-1; 9-4-11; 9-4-11:41

Source: FIRM (Flood Insurance Rate Map) Panel 238G
Map revised January 19, 2011
Date Prepared: August 2013
Prepared by: Department of Planning & Permitting, City and County of Honolulu
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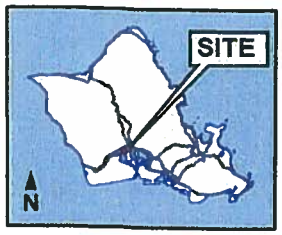
Legend

- Special Management Area Boundary
- Transit Guideway/Station

A = 100-year flood; base flood elevation not determined
AO = 100-year shallow flooding (1 to 3 feet depth); average depths determined
AE = 100-year flood; base flood elevation determined
AEF = Floodway area to be kept free of encroachment to pass 100-year flood
X = Beyond 500-year flood plain
XS = 500-year flood plain
VE = Areas of 100-year coastal flood with velocity (wave action); base flood elevations determined
D = Undetermined Flood Hazard

Numbers show base flood heights in feet

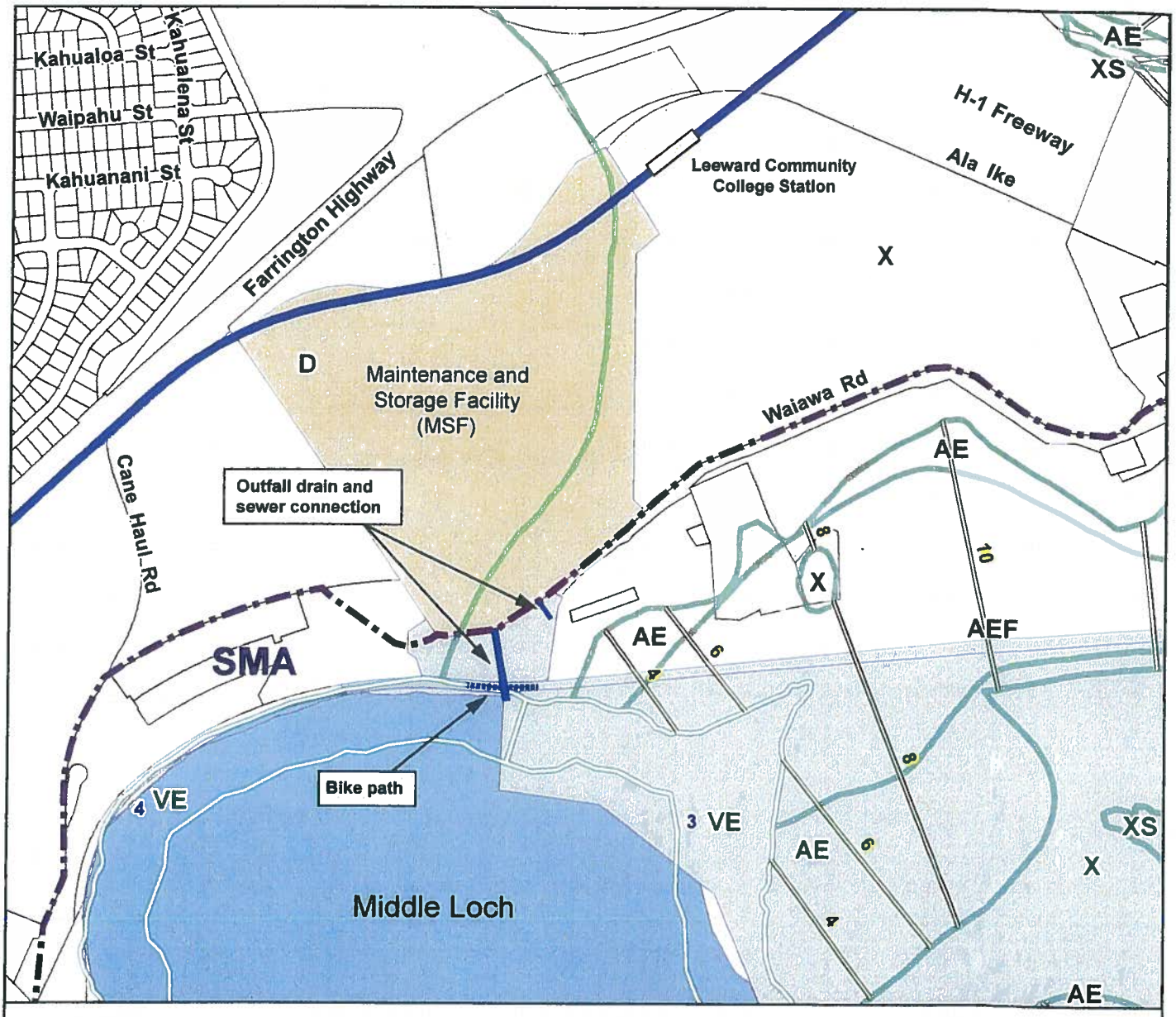
Vicinity Map



Note: Data represented on this map is not intended to replace site survey.

0 250 500
Scale in Feet

EXHIBIT L-1



PORTION OF

FLOOD HAZARD MAP

Honolulu Rail Transit Project

Area B: MSF Utility

FOLDER NO.: 2013/SMA-23 and 2013/SV-3

TAX MAP KEY(S): 9-3-2:1; 9-4-8:2, 30; 9-6-1:1; 9-6-3:1

Source: FIRM (Flood Insurance Rate Map) Panel 239G
Map revised January 19, 2011
Date Prepared: August 2013
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Legend

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- Transit Guideway/Station

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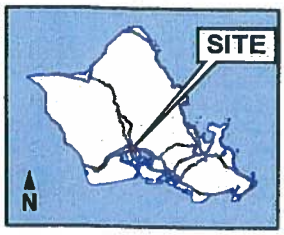
XS = 500-year flood plain
VE = Areas of 100-year coastal flood with velocity (wave action); base flood elevations determined
D = Undetermined Flood Hazard

Numbers show base flood heights in feet

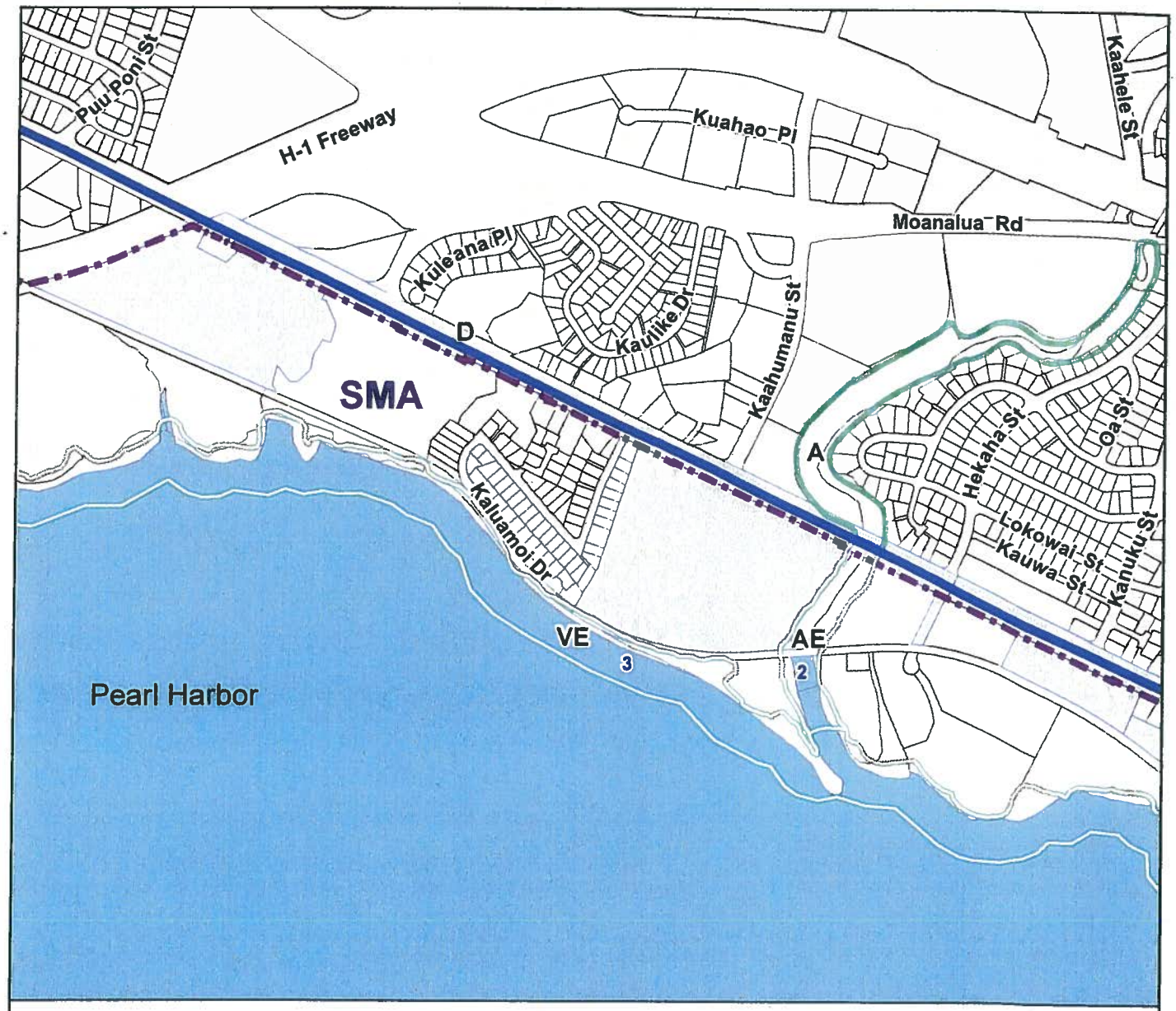
Vicinity Map



Note: Data represented on this map is not intended to replace site survey.

0 250 500
Scale in Feet

EXHIBIT L-2



PORTION OF

FLOOD HAZARD MAP

Honolulu Rail Transit Project

Area C: Waiau-Halawa (Waimalu Stream)

FOLDER NO.: **2013/SMA-23 and 2013/SV-3**

TAX MAP KEY(S): **9-8-3: 10; 9-8-9: 11, 22; 9-8-7: 8**

Source: FIRM (Flood Insurance Rate Map) Panel 243G
Map revised January 19, 2011
Date Prepared: August 2013
Prepared by: Department of Planning & Permitting,
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Legend

- Special Management Area Boundary
- Transit Guideway/Station

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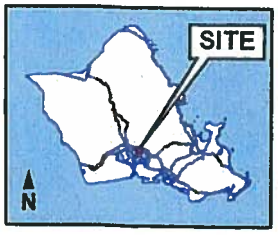
XS = 500-year flood plain
VE = Areas of 100-year coastal flood with velocity (wave action); base flood elevations determined
D = Undetermined Flood Hazard

Numbers show base flood heights in feet

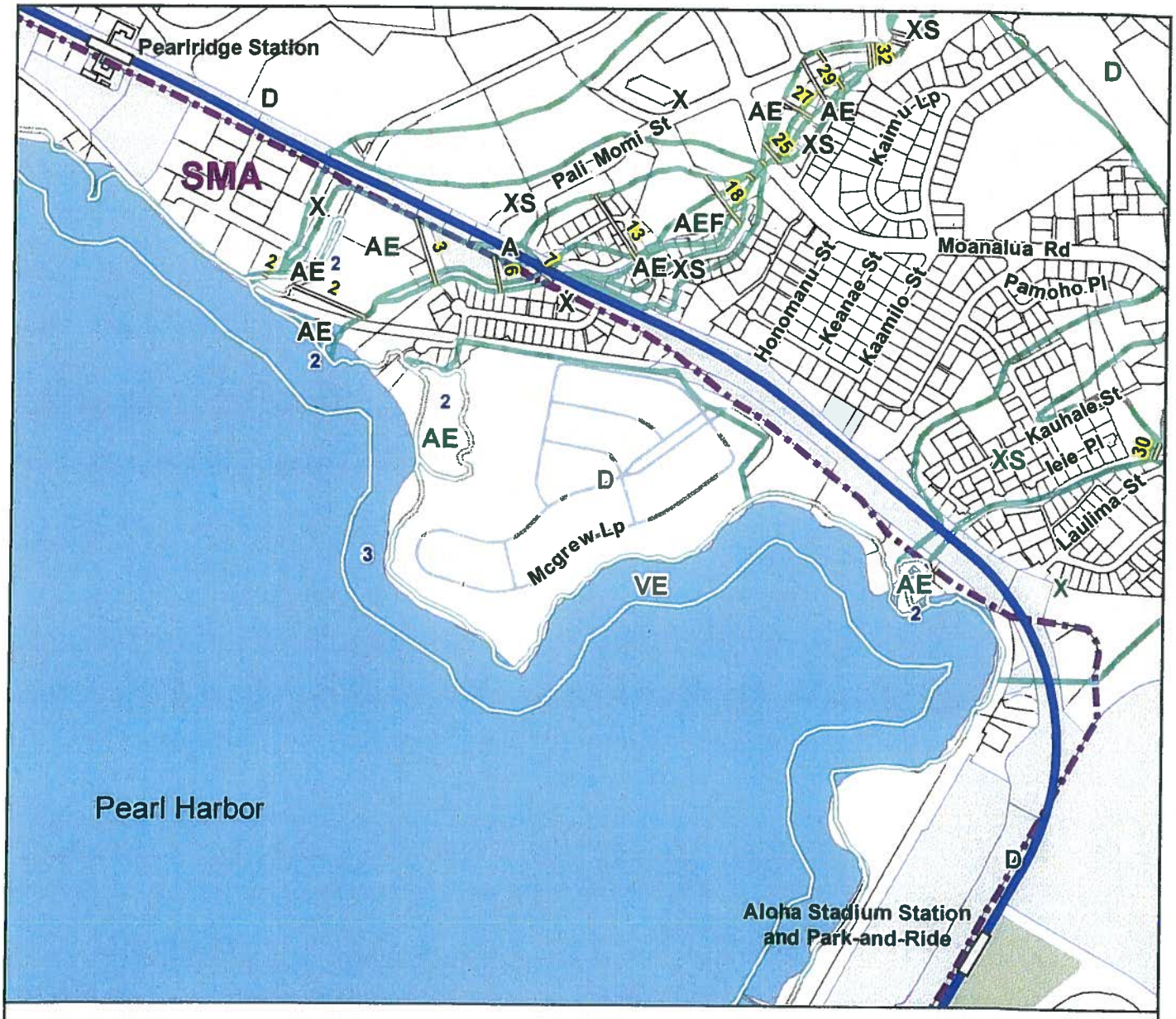
Vicinity Map



Note: Data represented on this map is not intended to replace site survey.

0 500 1000
Scale in Feet

EXHIBIT L-3



PORTION OF

FLOOD HAZARD MAP

Honolulu Rail Transit Project

Area C: Waiau-Halawa

(Kalauao and Aiea Streams)

FOLDER NO.: **2013/SMA-23 and 2013/SV-3**

TAX MAP KEY(S): **9-8-9: 5, 17; 9-8-14; 9-8-14:5; 9-8-15; 9-8-15: 45; 9-8-19:6; 9-9-12:46; 9-9-3; 9-9-12**

Source: FIRM (Flood Insurance Rate Map) Panel 243G, 331G

Map revised January 19, 2011

Date Prepared: August 2013

Prepared by: Department of Planning & Permitting, City and County of Honolulu

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Legend

- Special Management Area Boundary
- Transit Guideway/Station

A = 100-year flood; base flood elevation not determined

AO = 100-year shallow flooding (1 to 3 feet depth); average depths determined

AE = 100-year flood; base flood elevation determined

AEF = Floodway area to be kept free of encroachment to pass 100-year flood

X = Beyond 500-year flood plain

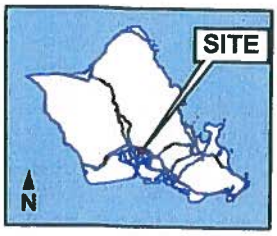
XS = 500-year flood plain

VE = Areas of 100-year coastal flood with velocity (wave action); base flood elevations determined

D = Undetermined Flood Hazard

Numbers show base flood heights in feet

Vicinity Map

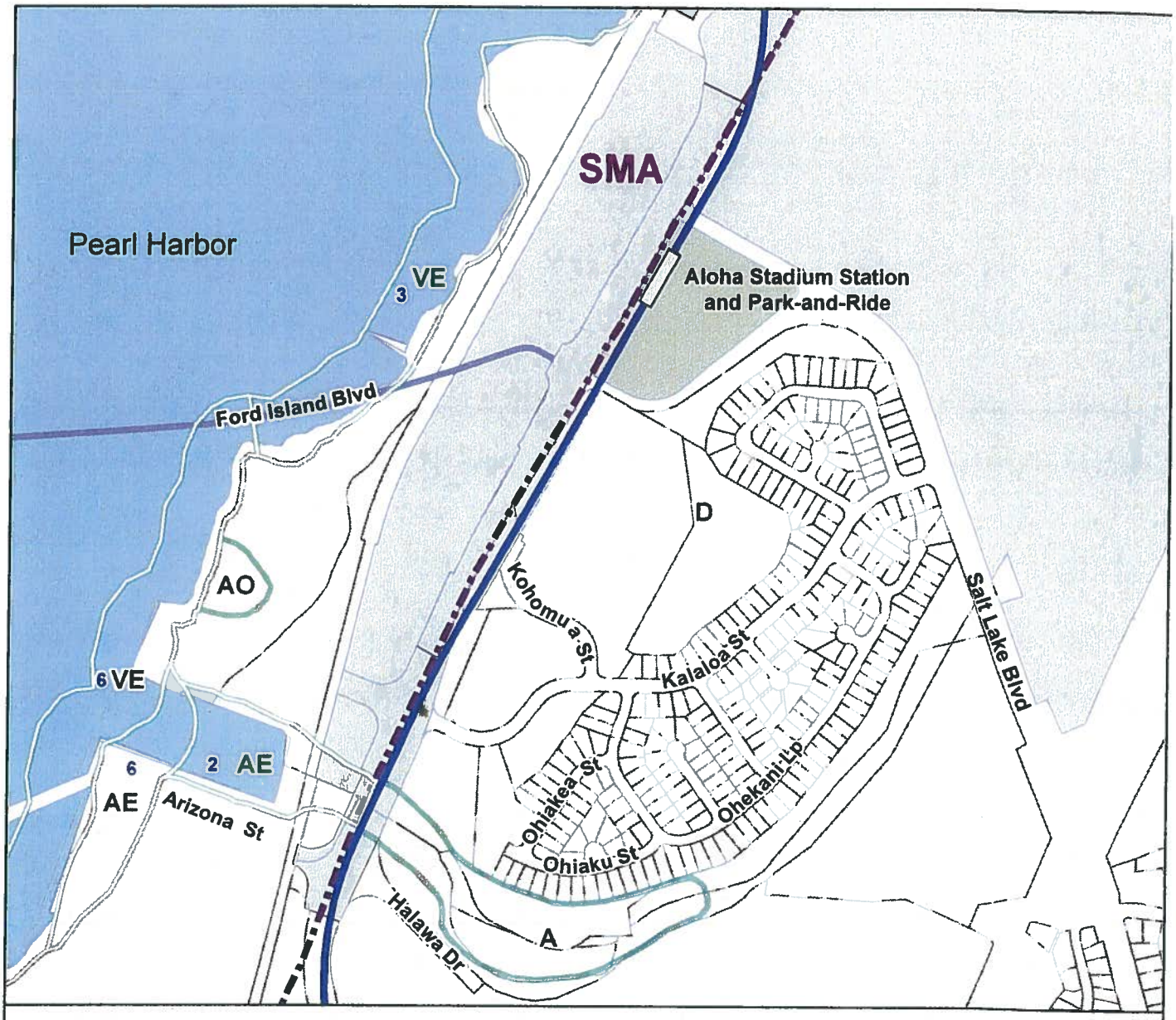


Note: Data represented on this map is not intended to replace site survey.

0 500 1000

Scale in Feet

EXHIBIT L-4



PORTION OF

FLOOD HAZARD MAP

Honolulu Rail Transit Project

Area C: Waiau-Halawa (Halawa Stream)

FOLDER NO.: 2013/SMA-23 and 2013/SV-3

TAX MAP KEY(S): 9-9-3; 9-9-3:29; 9-9-1; 9-9-12

Source: FIRM (Flood Insurance Rate Map) Panel 331G
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Legend

- Special Management Area Boundary
- Transit Guideway/Station

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AE = 100-year flood; base flood elevation determined
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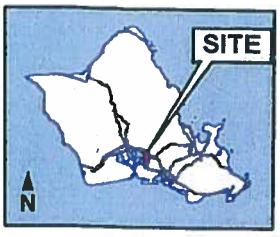
X = Beyond 500-year flood plain
XS = 500-year flood plain
VE = Areas of 100-year coastal flood with velocity (wave action); base flood elevations determined
D = Undetermined Flood Hazard

Numbers show base flood heights in feet

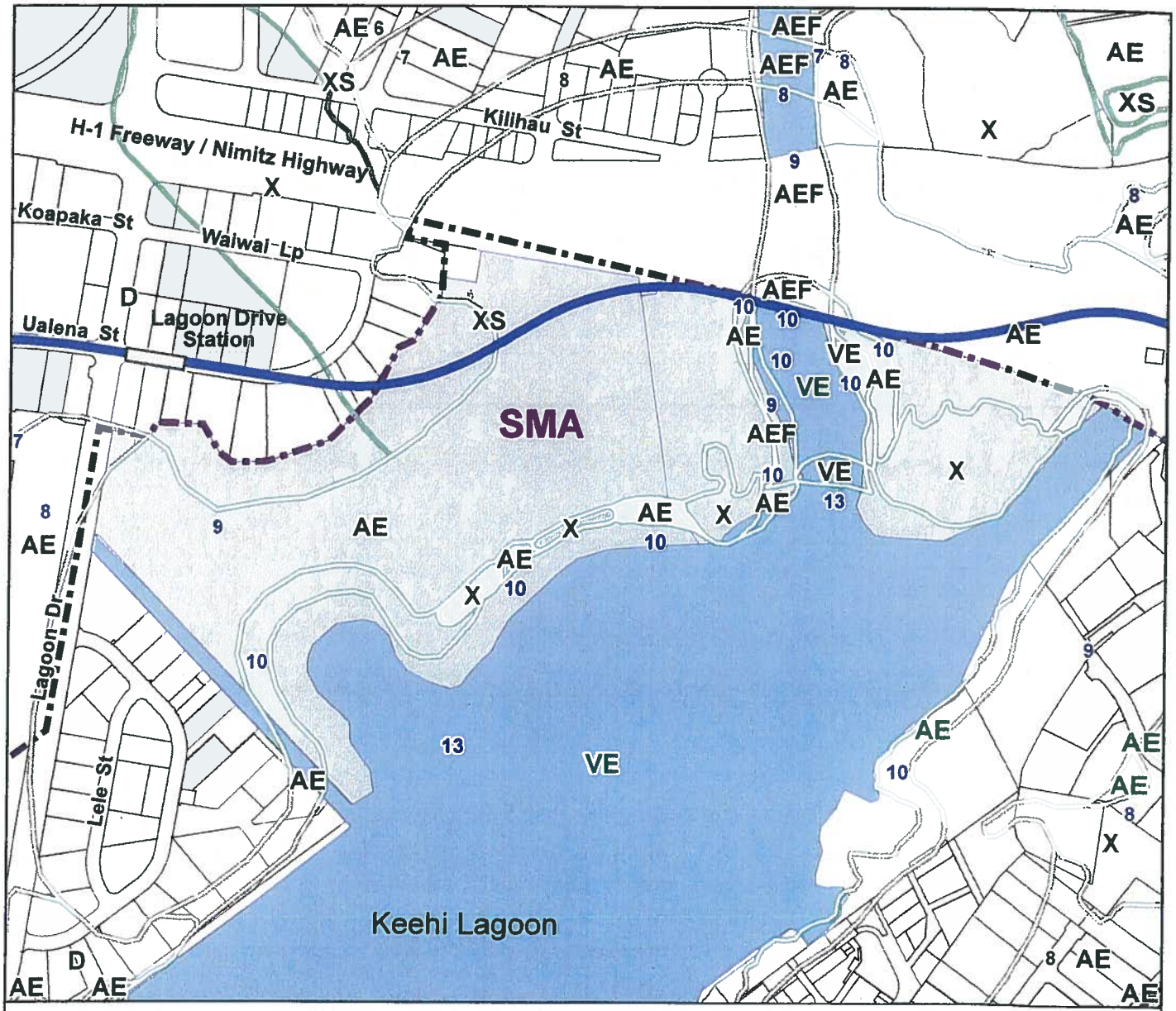
Vicinity Map



Note: Data represented on this map is not intended to replace site survey.

0 500 1000
Scale in Feet

EXHIBIT L-5



PORTION OF

FLOOD HAZARD MAP

Honolulu Rail Transit Project

Area D: Keehi Lagoon Beach Park (Moanalua Stream)

FOLDER NO.: 2013/SMA-23 and 2013/SV-3

TAX MAP KEY(S): 1-1-3: 3, 4, 6, 138

Source: FIRM (Flood Insurance Rate Map) Panel 353G
Map revised January 19, 2011
Date Prepared: August 2013
Prepared by: Department of Planning & Permitting, City and County of Honolulu
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Legend

- Special Management Area Boundary
- Transit Guideway/Station

A = 100-year flood; base flood elevation not determined
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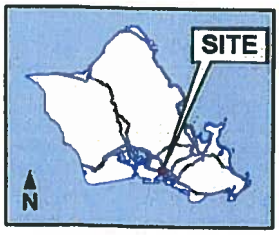
AE = 100-year flood; base flood elevation determined
AEF = Floodway area to be kept free of encroachment to pass 100-year flood
X = Beyond 500-year flood plain
XS = 500-year flood plain
VE = Areas of 100-year coastal flood with velocity (wave action); base flood elevations determined
D = Undetermined Flood Hazard

Numbers show base flood heights in feet

Vicinity Map



Note: Data represented on this map is not intended to replace site survey.

0 500 1000
Scale in Feet

EXHIBIT L-6

HISTORIC RESOURCES

TAX MAP KEY	RESOURCE NAME	NRHP ELIGIBILITY CRITERION	DESCRIPTION OF EFFECT	SECTION 106 DETERMINATION
AREA A:				
n/a	Waikele Stream Bridge east-bound span and Bridge over the OR&L spur	Criterion A for its association with the development of the Waipahu community and the transportation history of the area and Criterion C for its design.	Effects to integrity of setting, feeling, and association.	Adverse effect.
9-4-25: 8	Tanaka-Ishihara House	Criterion C because it embodies the distinctive characteristics of post-WWII, single-wall, vernacular houses.	No direct impact to resource.	No adverse effect.
9-4-27: 127	West Oahu Christian Church (formerly American Security Bank)	Criterion C as an example of a distinctive type and period of architecture. Also, Criterion A for its round form utilized in Hawaii during the 1960s as an expression of modernity in Hawaii's post-statehood period.	No direct impact to resource.	No adverse effect.
AREA B:				
9-6-3: 26	Watercress of Hawaii	This property might be significant as a rural historic landscape site under Criterion A for its association with the history of diversified agriculture in the Waiawa Spring area, but the grid-pattern watercress plots are not a historic feature.	No direct impact to resource.	No adverse effect.
Various	United States Naval Base Pearl Harbor National Historic Landmark (NHL)	The U.S. Naval Base Pearl Harbor National Historic District was listed on the NRHP in 1974 (with boundaries accepted in 1978 and designated as a NHL in 1964. The property includes the USS Arizona Memorial and the USS Bowfin.	General effects to resource. (Basis for effect determination not provided by the State Historic Preservation Officer.)	Adverse effect.
AREA C:				
9-8-3: 10	Hawaiian Electric Company (HECO) Waiau Plant	Criterion A for its association with the history of electric power generation on Oahu.	No direct impact to resource.	No adverse effect.
Various	United States Naval Base, Pearl Harbor NHL	See above.	See above.	See above.

EXHIBIT M-1

FOLDER NOS.: 2013/SMA-23 & 2013/SV-

TAX MAP KEY	RESOURCE NAME	NRHP ELIGIBILITY CRITERION	DESCRIPTION OF EFFECT	SECTION 106 DETERMINATION
9-9-3: 38	Bombproof Switch Station -- Facility B-6	Criterion A for its association with defensive building efforts completed after the Japanese attack on Pearl Harbor	No effect.	No effect.
9-9-3: 29	Richardson Recreation Center Pool Complex (Swimming Pool -- Facility S-21; Recreation -- Facility 1; Bath House/Locker Room -- Facility 2; Handball Court -- Facility S-20)	The Richardson Recreation Center facilities are considered contributory resources to the Pearl Harbor NHL, and NRHP eligible under Criterion A because they represent the Navy's recognition and response to the growing need for recreational facilities due to the expansion of personnel numbers and scarcity of other alternative leisure-time activities in WWII.	No direct impact to resource.	No adverse effect.
9-9-1: 1	Fuel Oil Pump-out Pump House -- Facility S-386	Criterion C for its association with the Red Hill fuel system developed during World War II.	No property acquisition, less than adverse effects to attributes.	No adverse effect.
9-9-1: 8	Publications Printing Office and Plant -- Facility 550/ District Printing Plant	Criterion A because it "indirectly represents an important aspect of wartime military logistics."	No direct impact to resource.	No adverse effect.
9-8-6: 24	Nishi Service	Criterion C as a good example of an automobile service station constructed during the 1950's.	No direct impact to resource.	No adverse effect.
n/a	Waimalu Stream Bridge	Criterion A for its association with the roadway infrastructure development on Kamehameha Highway in the Pearl City and Aiea areas.	Effect to integrity of setting, feeling, and association.	Adverse effect.
9-8-22: 74, 81	Waimalu Shopping Center	Criterion A for its association with the early development of strip malls in Hawaii and Criterion C because its distinctive arched roof is characteristic of the intent of Hawaiian architects during the period to produce modern buildings, like those on the mainland.	No direct impact to resource.	No adverse effect.

EXHIBIT M-2

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

TAX MAP KEY	RESOURCE NAME	NRHP ELIGIBILITY CRITERION	DESCRIPTION OF EFFECT	SECTION 106 DETERMINATION
9-8-16: 47	Sumida Watercress Farm	Criterion A for its association with the history of diversified agriculture in the Pearl City area, as well as under Criterion C for its distinctive method of construction using artesian spring water as a rural historic landscape "reflecting the occupational activities of wetland agriculture."	No direct impact.	No adverse effect.
n/a	Kalauao Springs Bridge	Criterion A for its association with the roadway infrastructure development of Kamehameha Highway in the Pearl City and Aiea areas.	Effects to integrity of setting, feeling and association.	Adverse effect.
n/a	Kalauao Stream Bridge	Criterion A for its association with the roadway infrastructure development of Kamehameha Highway in the Pearl City and Aiea areas.	Effects to integrity of setting, feeling, and association.	Adverse effect.
9-8-18: 41	Akiona House (Quonset)	Criterion C as a rare surviving example of a World War II Quonset hut reused for residential purposes at the conclusion of the war.	No effect.	No effect.
9-8-18: 42	Forty Niner Saimin Restaurant	Criterion A for its association with the early commercialization of saimin, a plantation culinary staple, and under Criterion C as an intact example of an early post-war commercial building Ewa of Honolulu.	No direct impact to resource.	No adverse effect.
n/a	Kamehameha Highway Bridge over Halawa Stream (mauka span)	Criterion A for its association with World War II-era infrastructure improvements in the vicinity of Pearl Harbor Naval Base.	No direct impact to resource.	No adverse effect.
9-9-2: 4	Commander-in-Chief Pacific Fleet (CINCPACFLT) Headquarters – Facility 250, NHL	The building is listed on the NRHP (SHIP# 80-13-1384). It is also designated as a NHL. The building is eligible for inclusion in the NRHP for its association with the development of Pearl Harbor Naval Base.	Effects to the integrity of the setting, feeling, association.	Adverse effect.

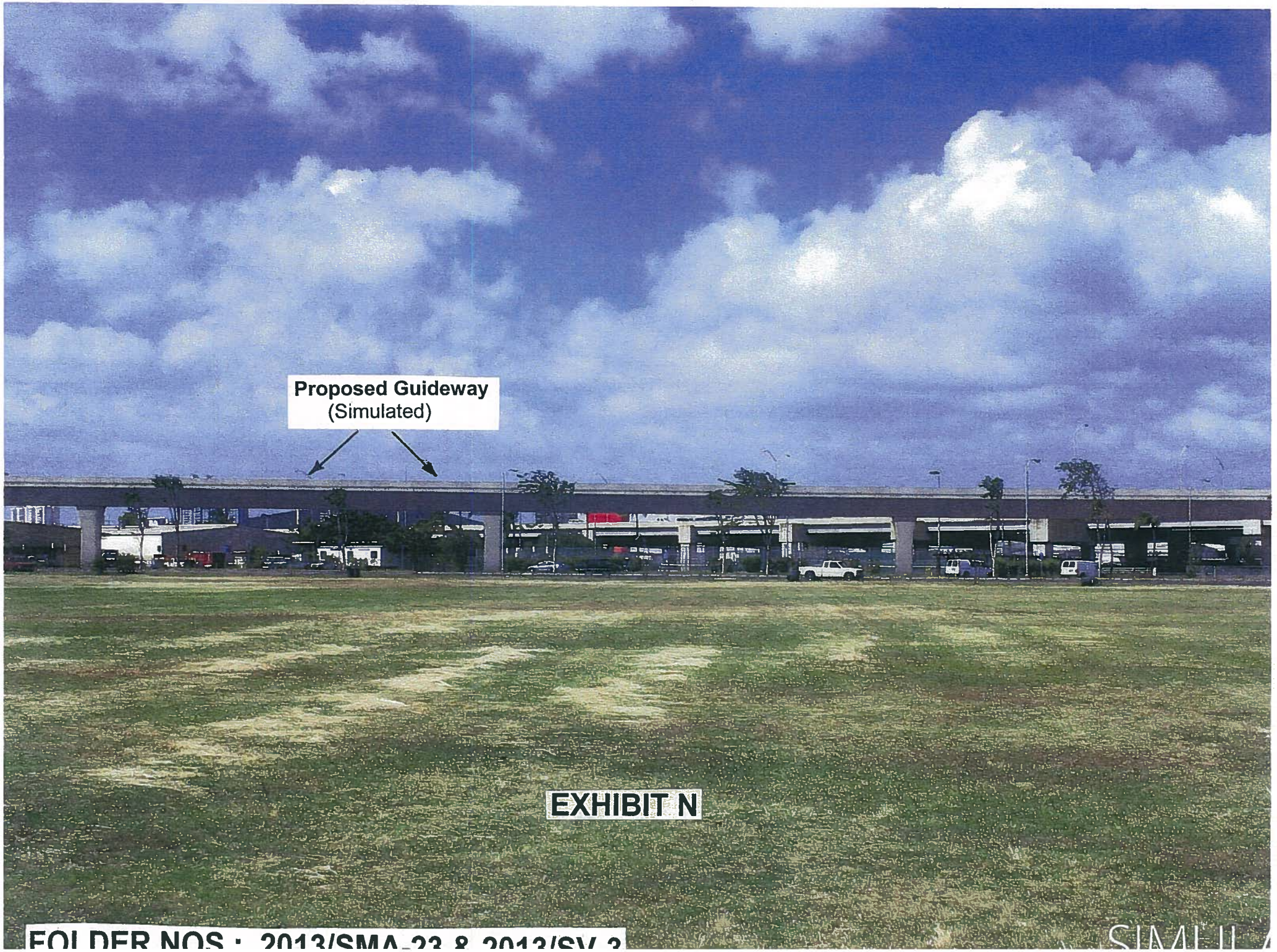
EXHIBIT M-3

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3

TAX MAP KEY	RESOURCE NAME	NRHP ELIGIBILITY CRITERION	DESCRIPTION OF EFFECT	SECTION 106 DETERMINATION
AREA D:				
1-1-16: 4	Hawaii Employers Council	Criterion A for its association with the architectural firm of Wimberly and Cook. In addition, its successor firm, Wimberly, Allison, Tong & Goo, had a major influence on Hawaiian architecture in this period.	Effects to setting, feeling, and association.	Adverse effect.

EXHIBIT M-4

FOLDER NOS.: 2013/SMA-23 & 2013/SV-3


Proposed Guideway
(Simulated)
EXHIBIT N
FOLDER NOS : 2013/SMA-23 & 2013/SV-3