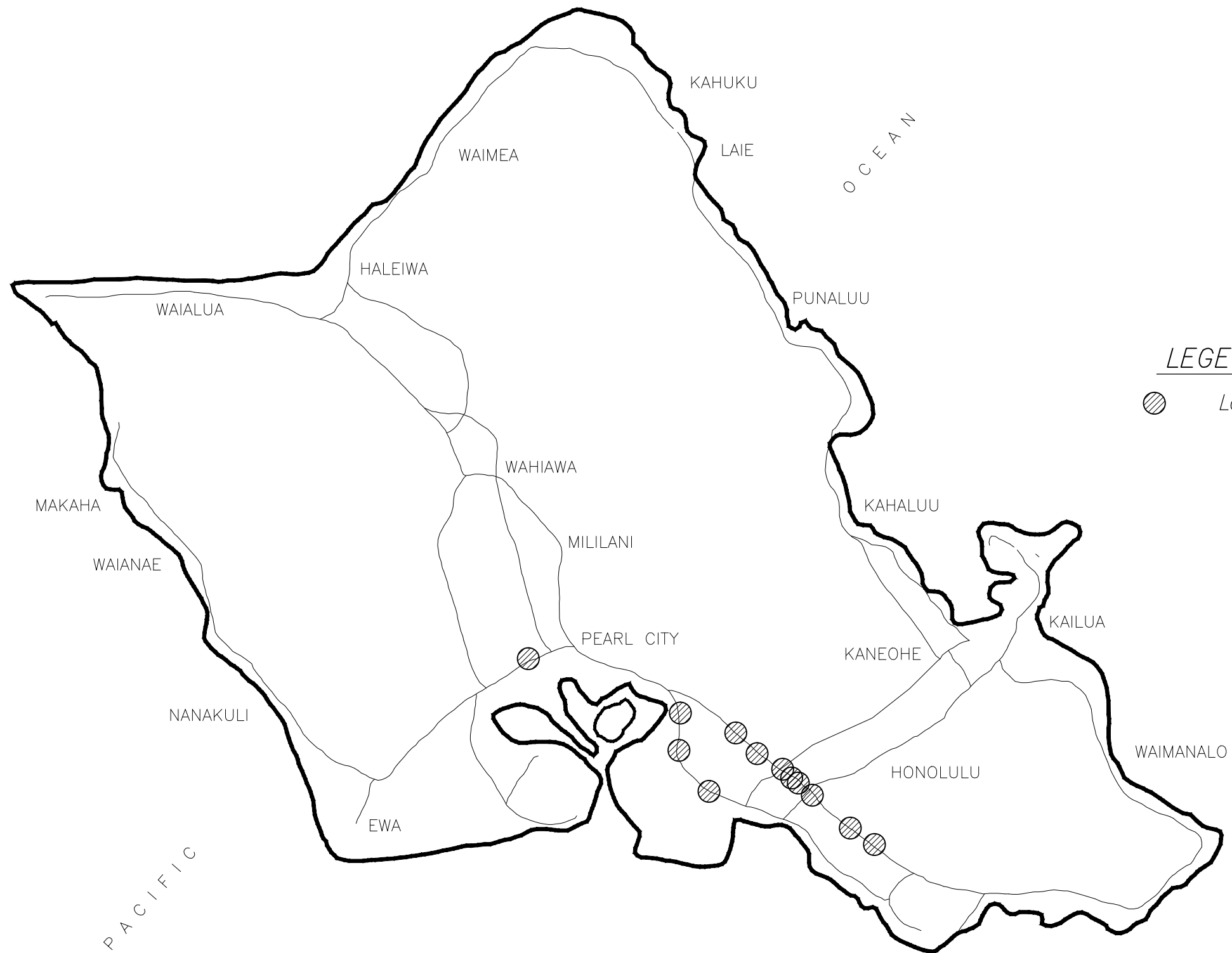


FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 01 - LOCATION MAP OAHU.DWG



VICINITY MAP - ISLAND OF OAHU

NOT TO SCALE

FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII

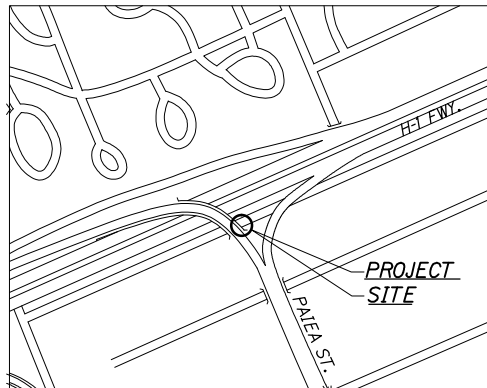
VICINITY MAP - ISLAND OF OAHU

EXHIBIT

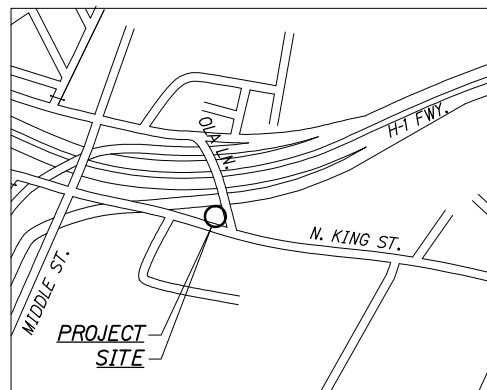
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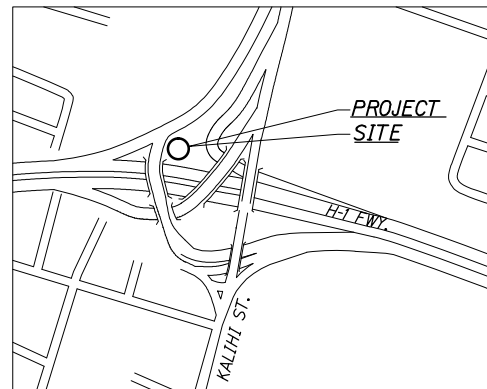
KAHUAPAANI CCTV
TMK 9-9-076



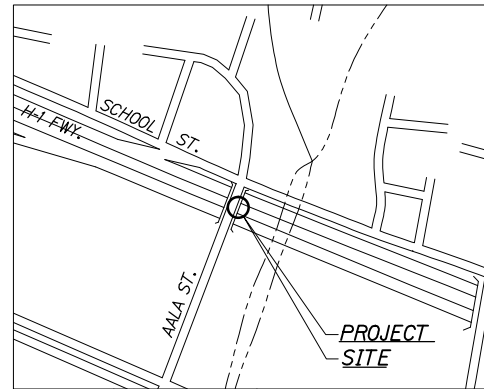
AIRPORT CCTV
TMK 1-1-003, 1-1-014, 1-1-015



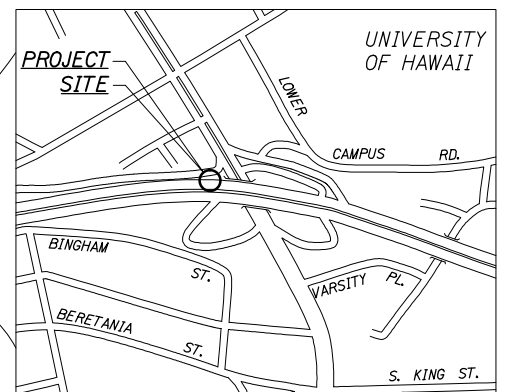
OLA LANE CCTV
TMK 1-2-012, 1-2-015, 1-2-016



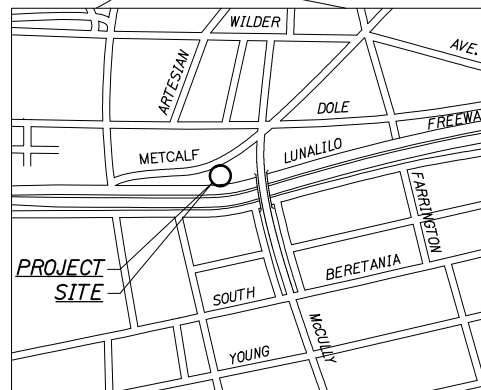
KALIHI CCTV
TMK 1-6-024



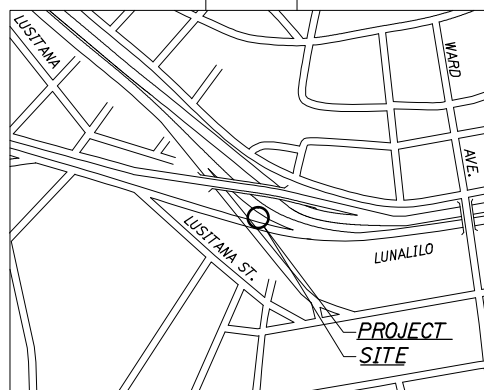
AALA CCTV
TMK 1-7-023



MANOA CCTV
TMK 2-8-007, 2-8-029

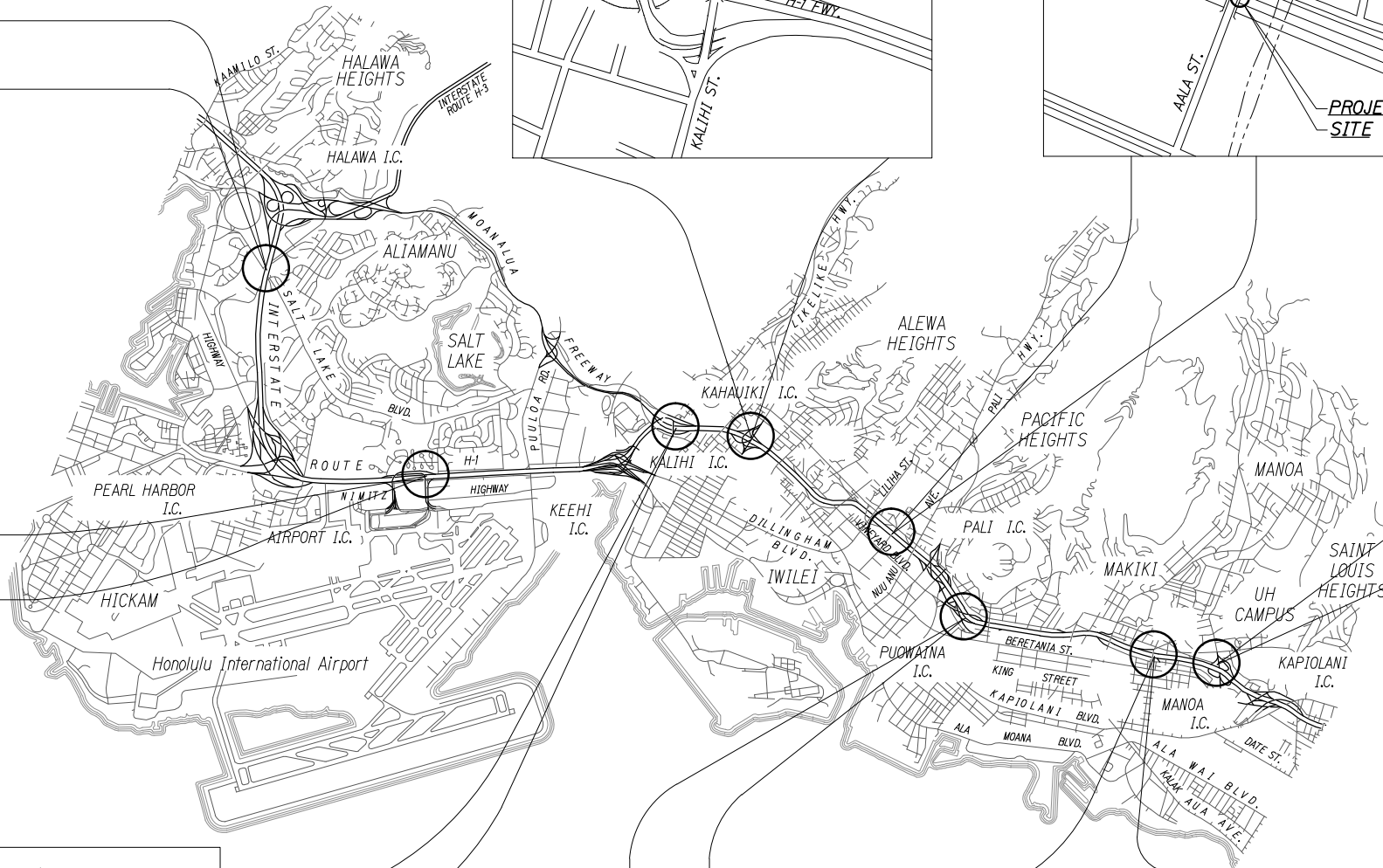


McCULLY CCTV
TMK 2-8-013



PUOWAINA CCTV
TMK 2-1-040

LOCATION MAP
Not To Scale



NOTE:
Refer to Electrical Plans for communication and power
conduit routing.

FREeway MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREeway (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

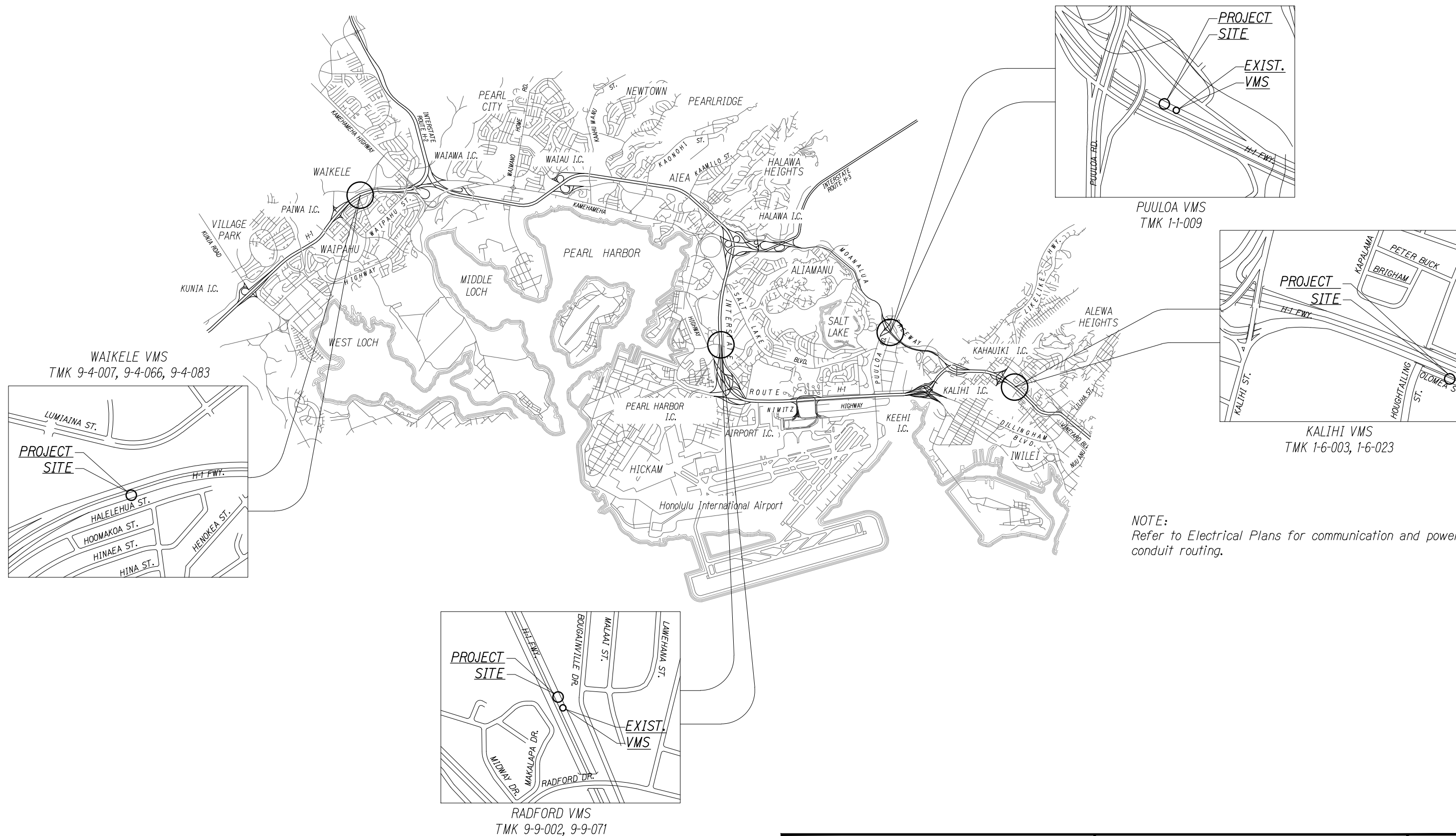
AUSTIN, TSUTSUMI, & ASSOC., INC.
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CCTV LOCATION MAP

EXHIBIT

2

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 03 - VMS LOCATION MAP.DWG



NOTE:
Refer to Electrical Plans for communication and power
conduit routing.

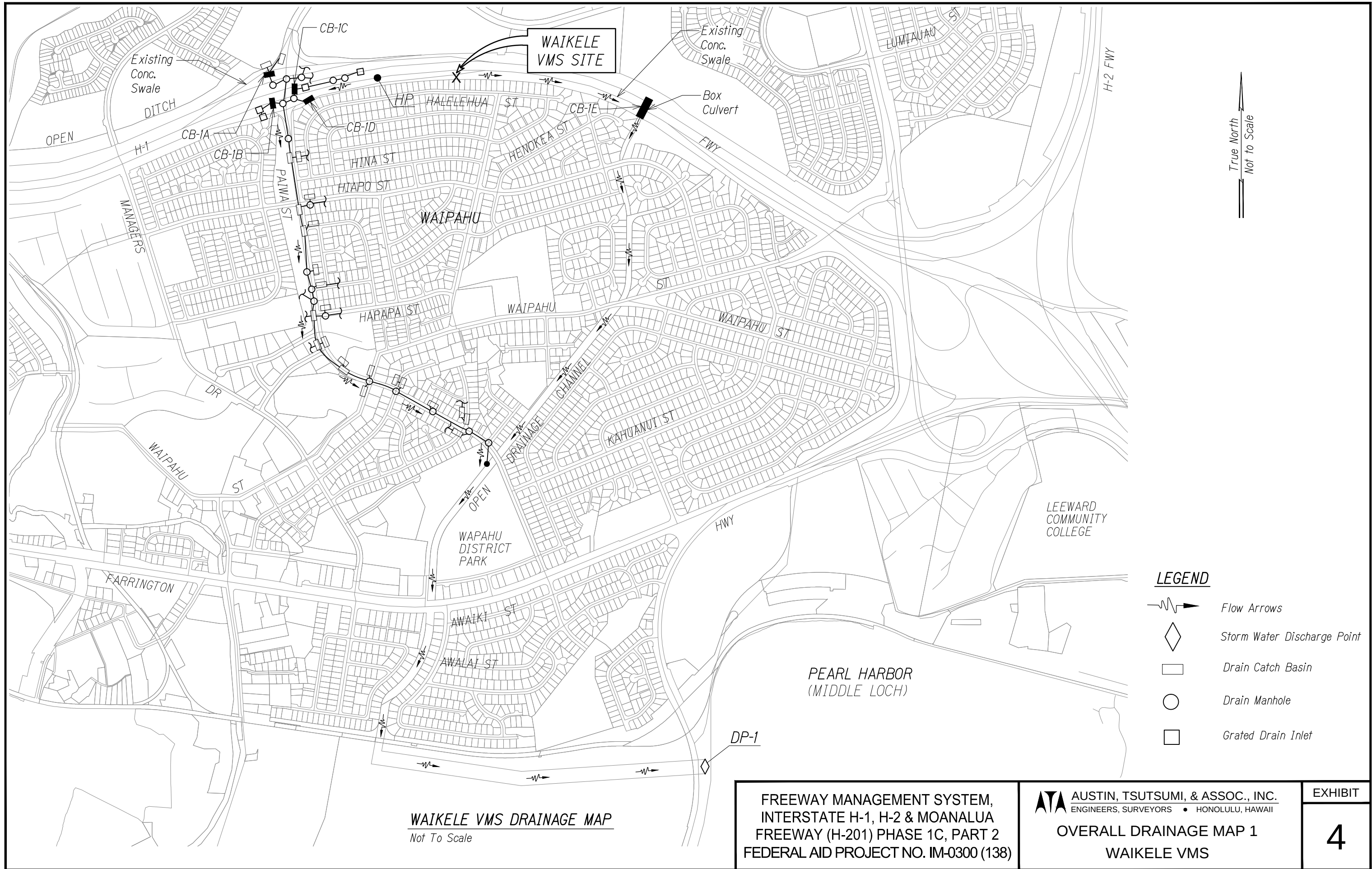
LOCATION MAP
Not To Scale

**FREeway MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)**

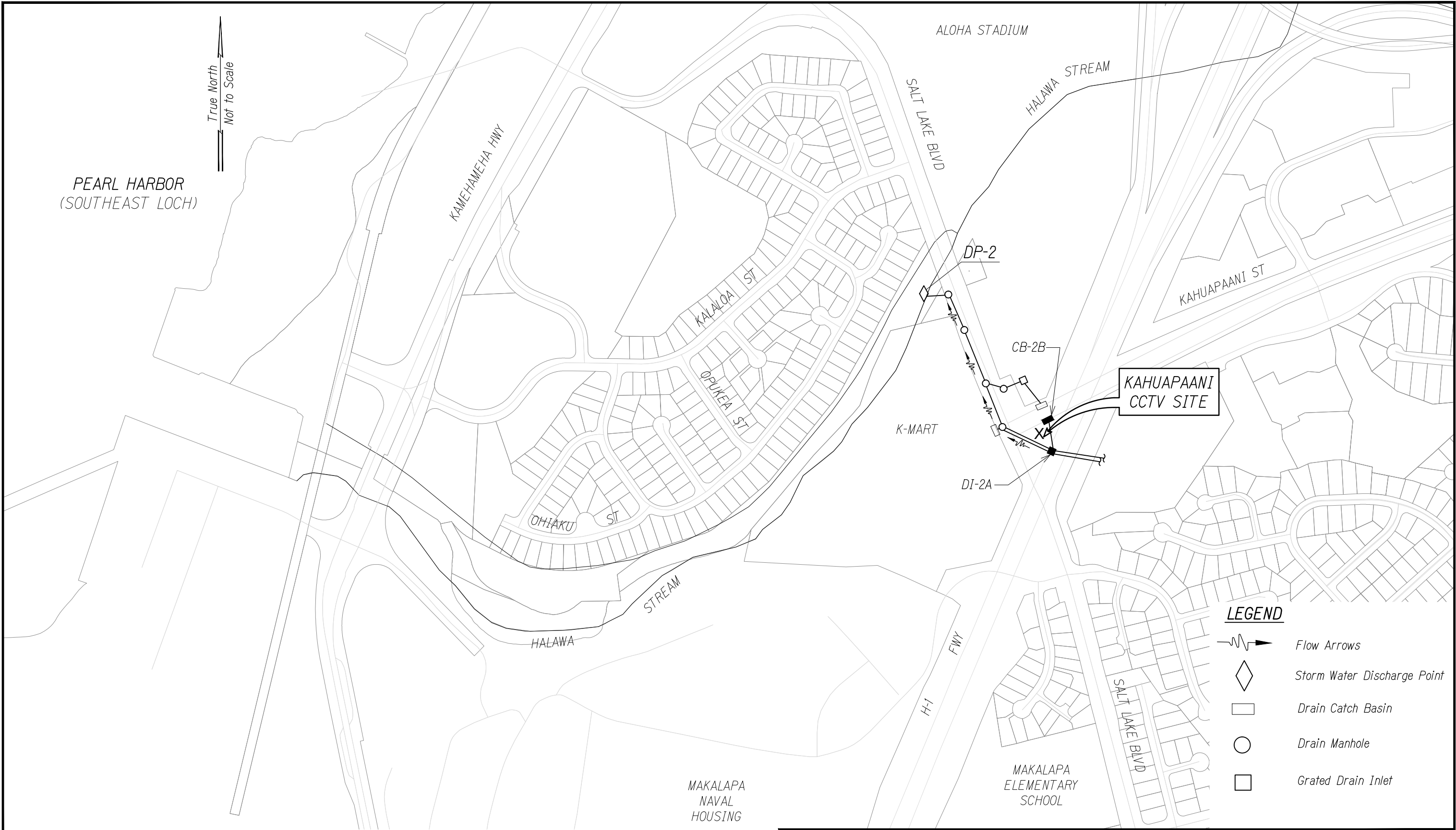
AUSTIN, TSUTSUMI, & ASSOC., INC.
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VMS LOCATION MAP

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 04 - OVERALL DRAINAGE MAP 1.DWG



FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 05 - OVERALL DRAINAGE MAP 2.DWG



KAHUAPAANI CCTV DRAINAGE MAP
Not To Scale

FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

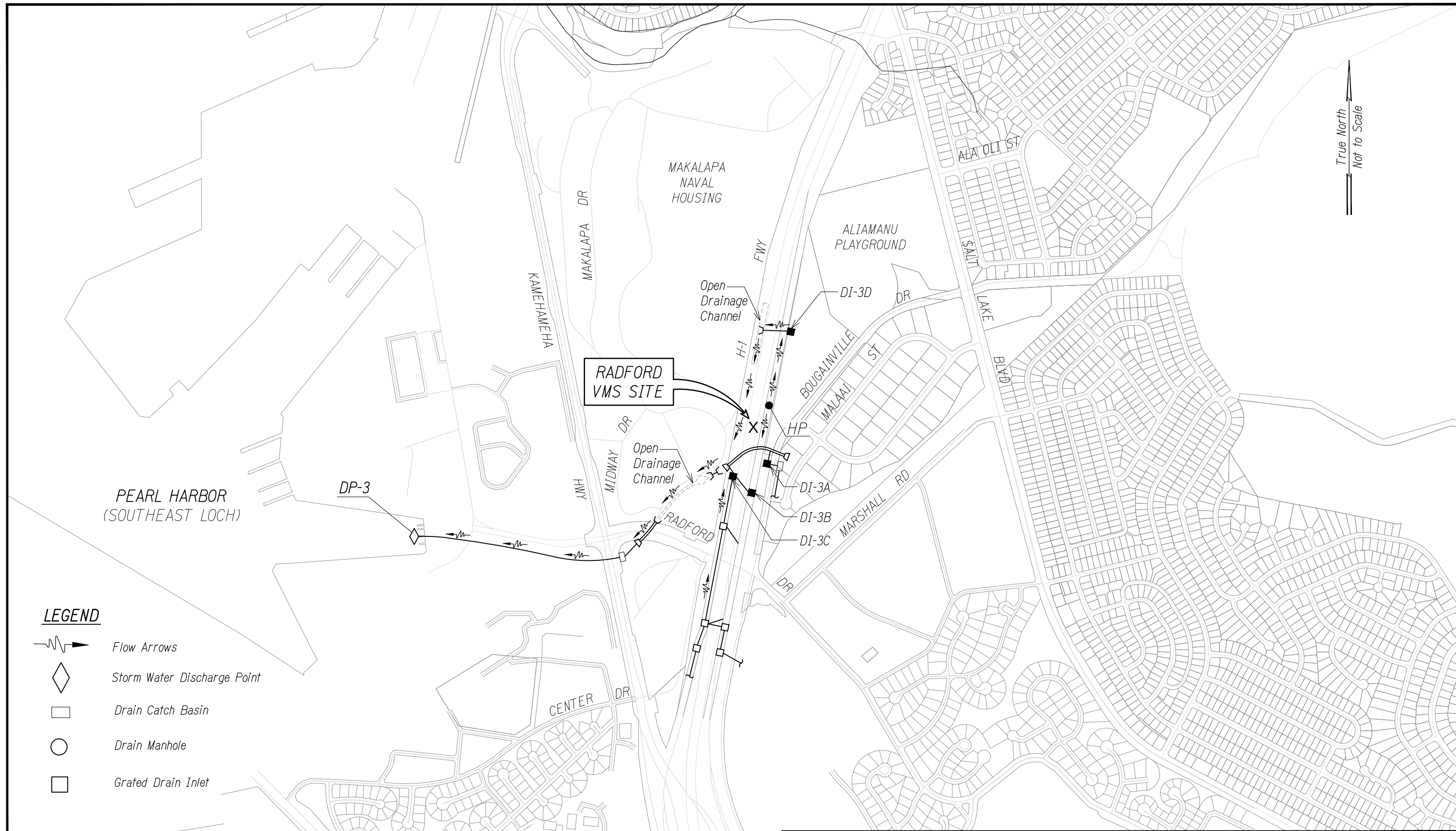
ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
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OVERALL DRAINAGE MAP 2
KAHUAPAANI CCTV

EXHIBIT

5

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 06 - OVERALL DRAINAGE MAP 3.DWG



True North
Not to Scale

FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

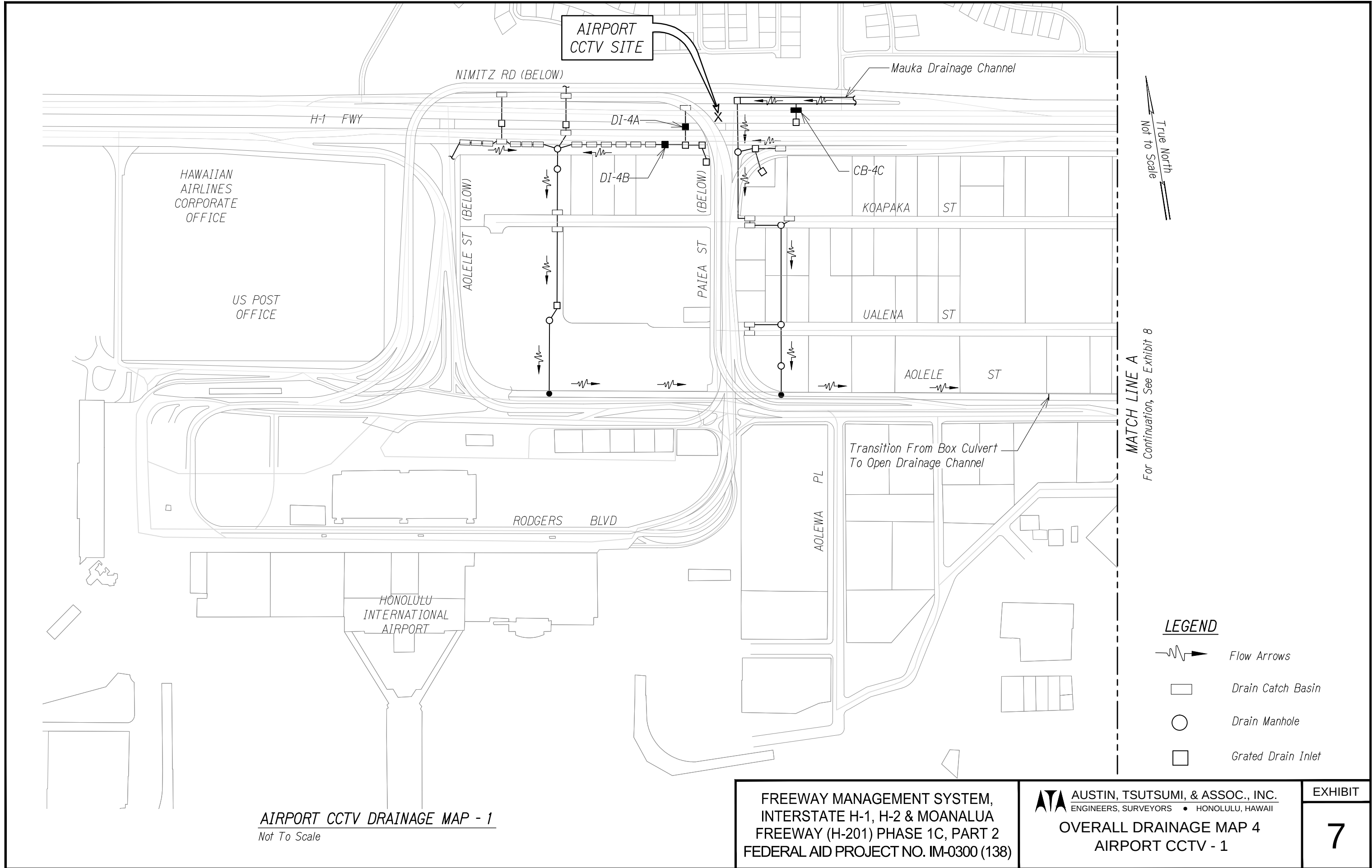
ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII

OVERALL DRAINAGE MAP 3
RADFORD VMS

EXHIBIT

6

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 07 - OVERALL DRAINAGE MAP 4.DWG



AIRPORT CCTV DRAINAGE MAP - 1
Not To Scale

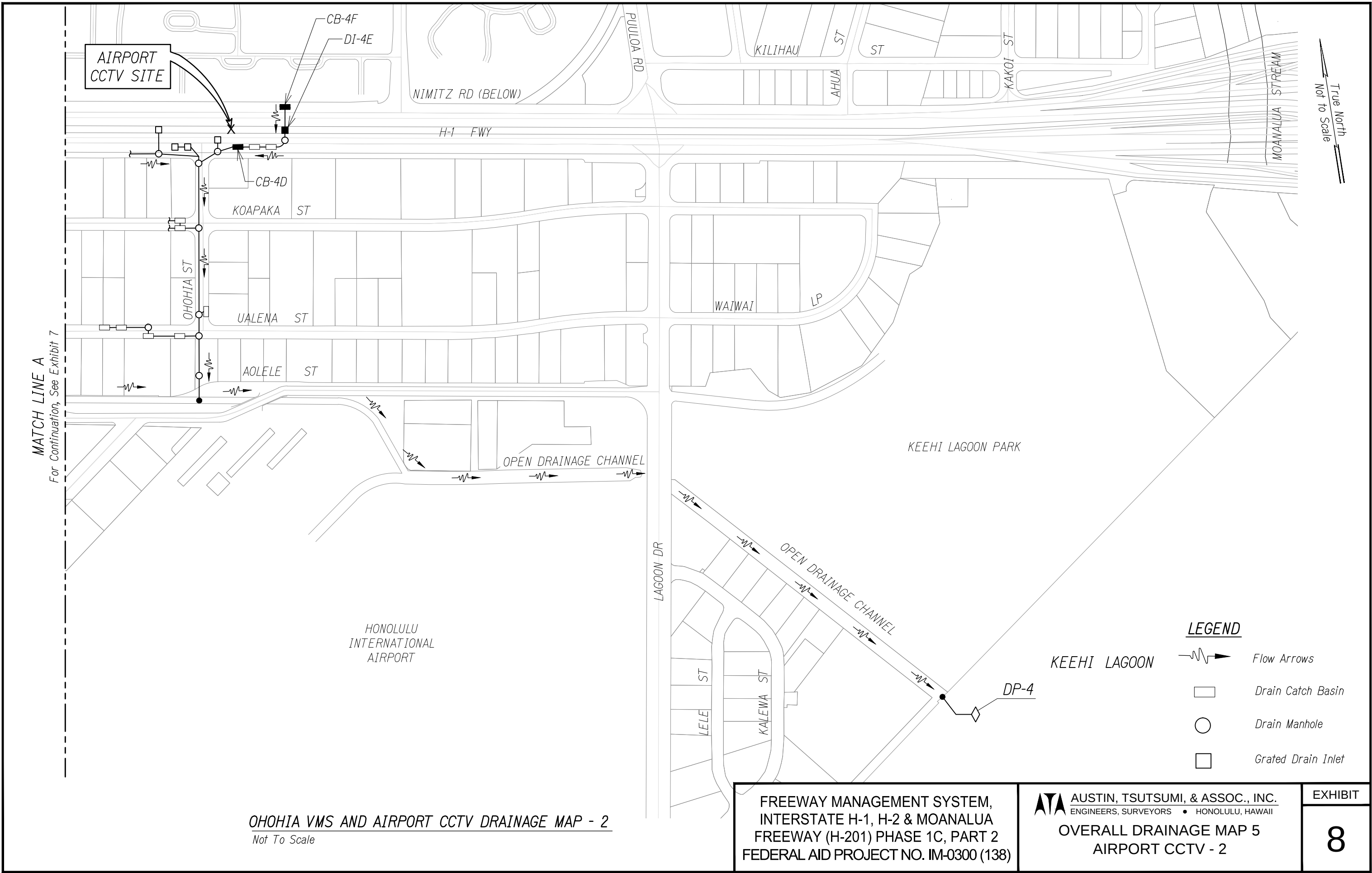
FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
OVERALL DRAINAGE MAP 4
AIRPORT CCTV - 1

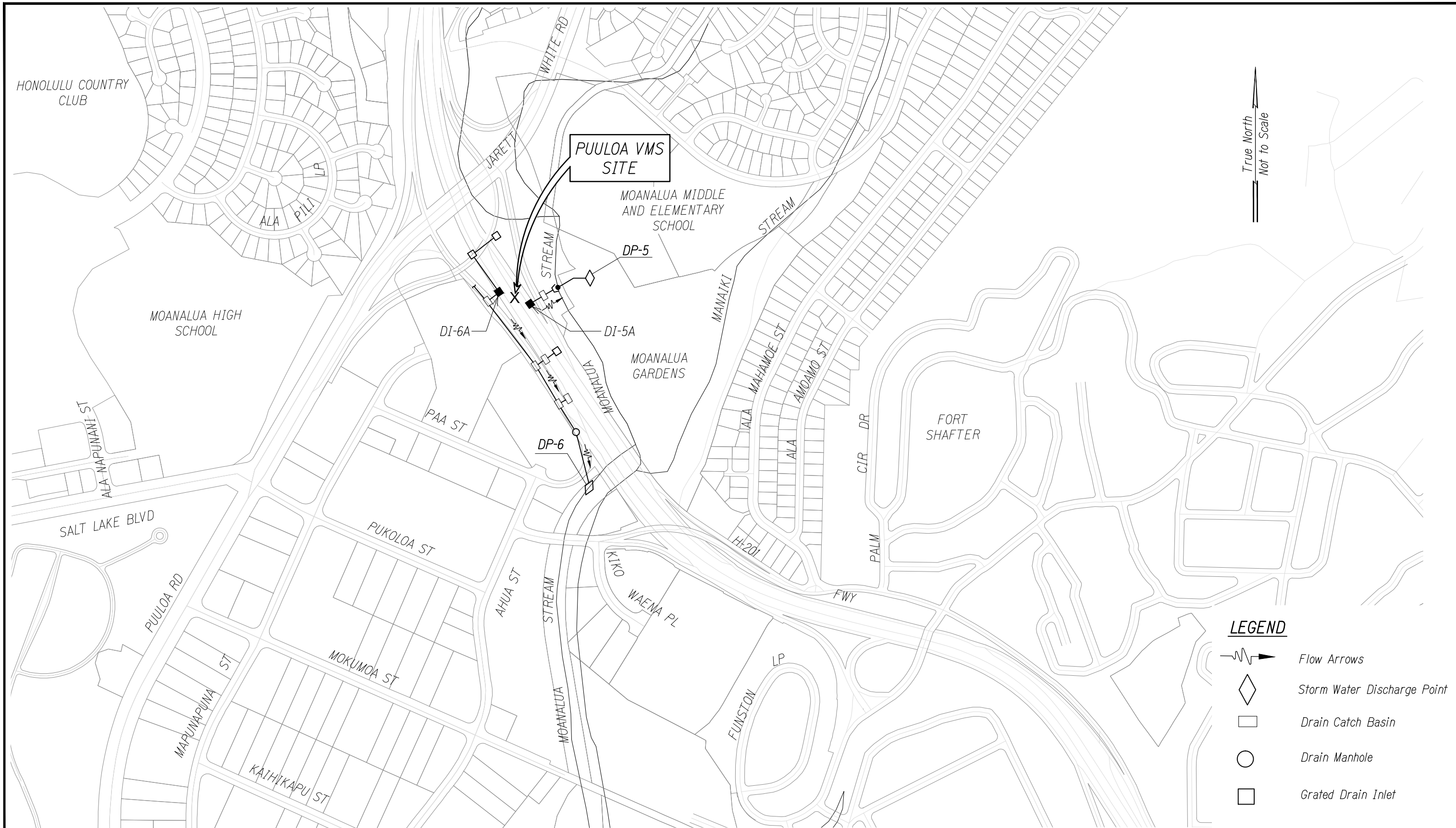
EXHIBIT

7

FN: X:\96-46\96-46.27\NPDES\EXHIBITS\EX 08 - OVERALL DRAINAGE MAP 5.DWG



FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 09 - OVERALL DRAINAGE MAP 6.DWG



PUULOA VMS DRAINAGE MAP
Not To Scale

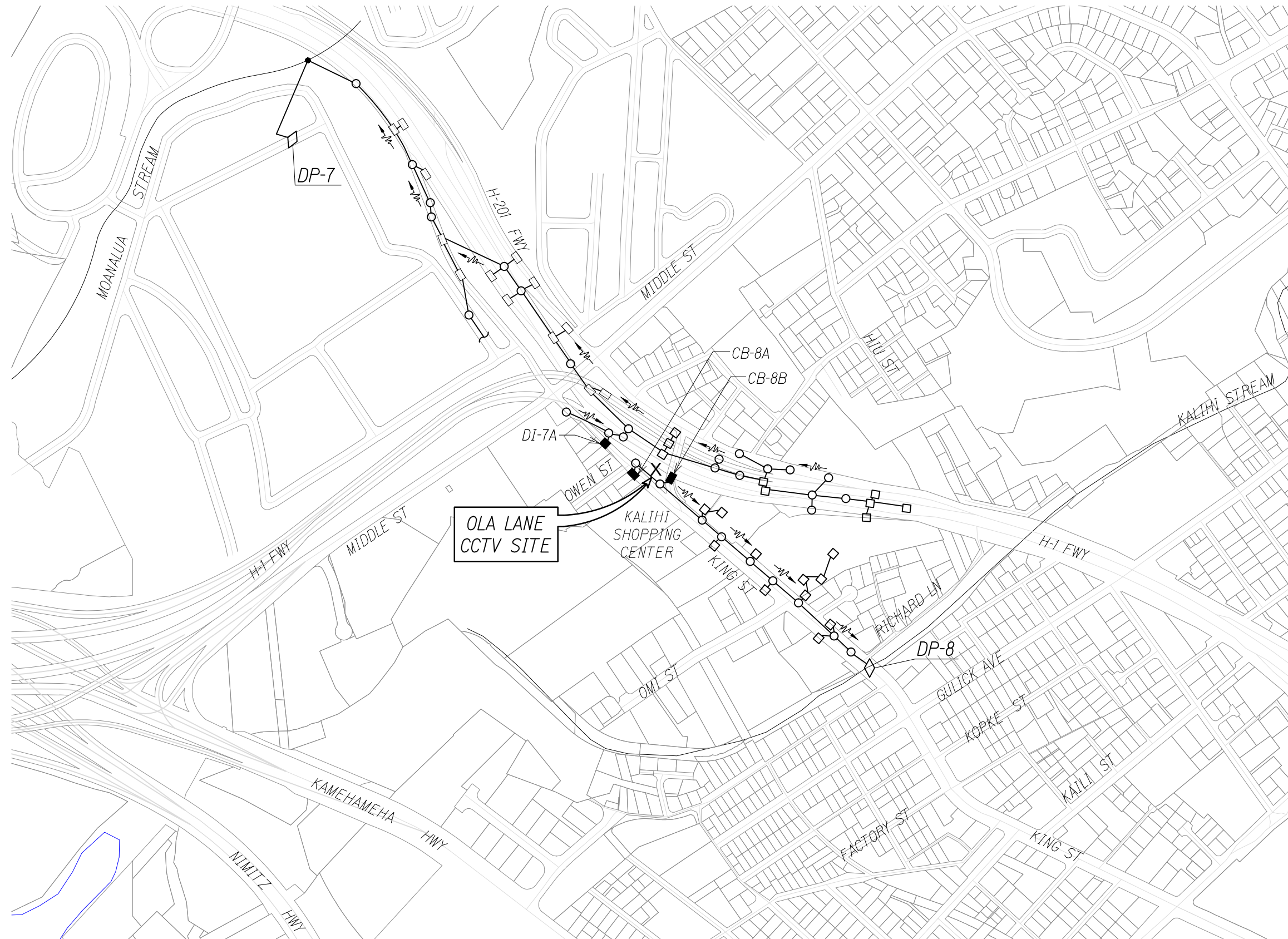
FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
OVERALL DRAINAGE MAP 6
PUULOA VMS

EXHIBIT

9

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 10 - OVERALL DRAINAGE MAP 7.DWG



True North
Not to Scale

LEGEND

- Flow Arrows
- Storm Water Discharge Point
- Drain Catch Basin
- Drain Manhole
- Grated Drain Inlet

OLA LANE CCTV DRAINAGE MAP
Not To Scale

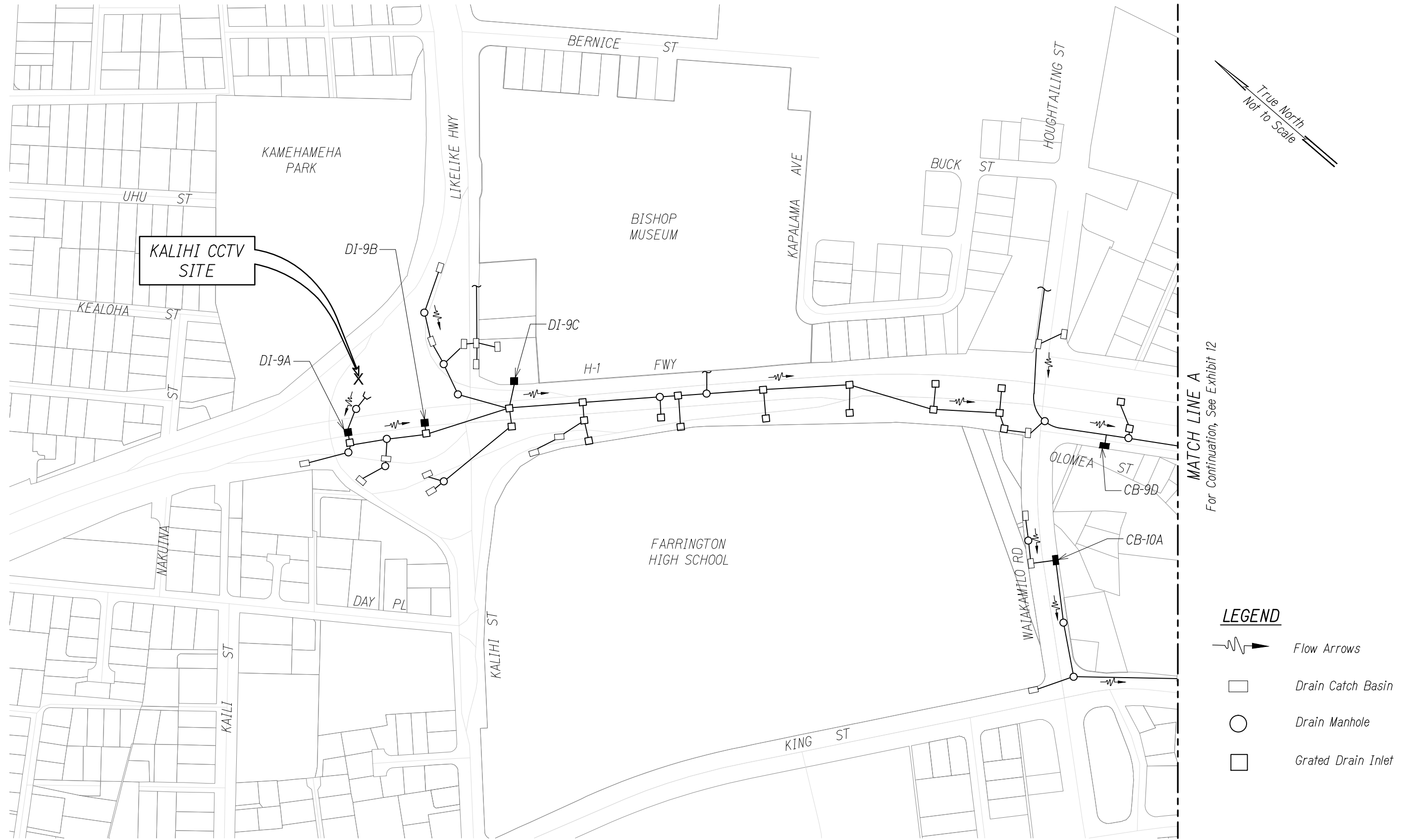
FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

AUSTIN, TSUTSUMI, & ASSOC., INC.
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OVERALL DRAINAGE MAP 7
OLA LANE CCTV

EXHIBIT

10

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 11 - OVERALL DRAINAGE MAP 8.DWG



KALIHI CCTV AND KALIHI VMS DRAINAGE MAP - 1
Not To Scale

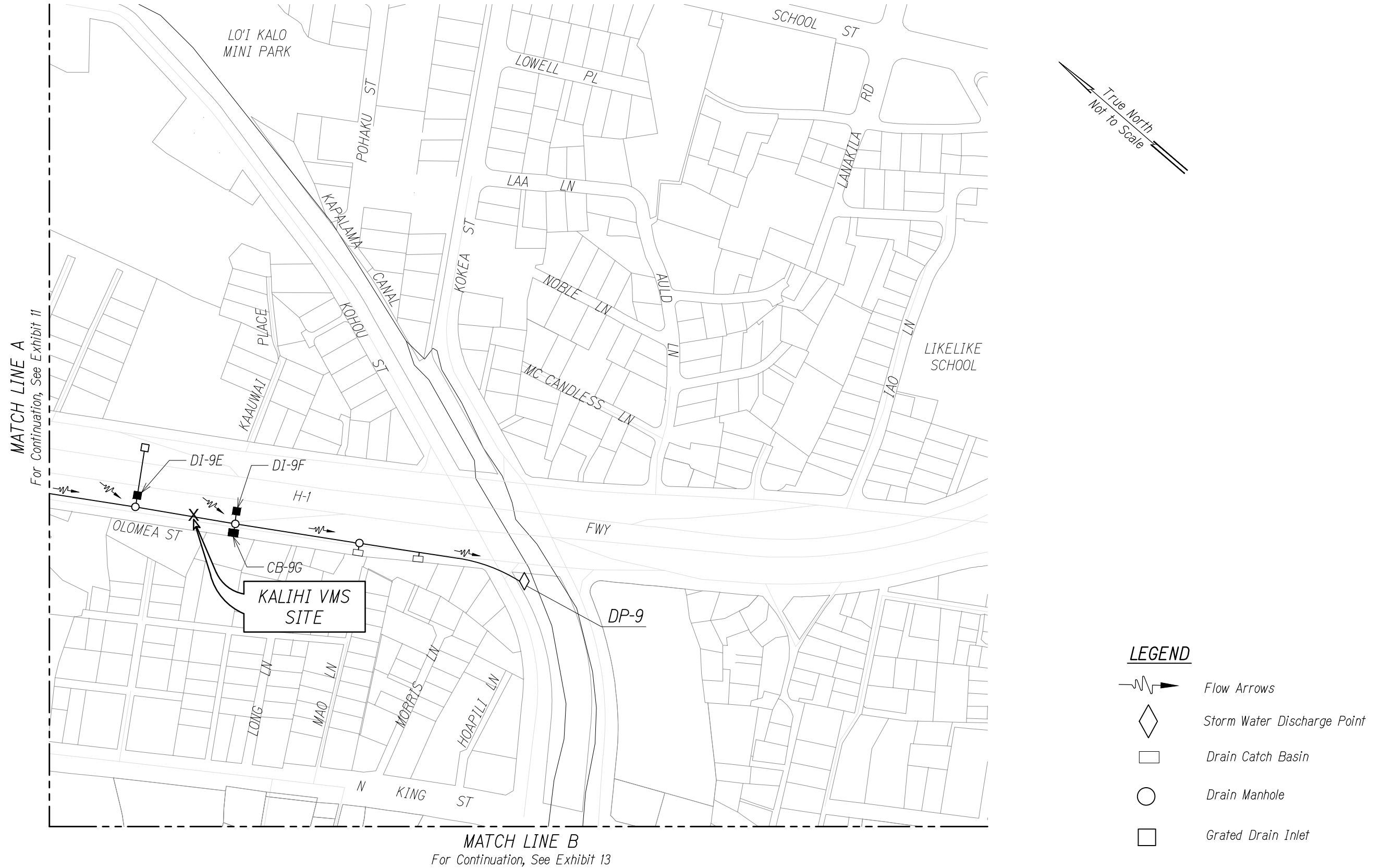
**FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)**

AUSTIN, TSUTSUMI, & ASSOC., INC.
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**OVERALL DRAINAGE MAP 8
KALIHI CCTV AND KALIHI VMS - 1**

EXHIBIT

11

FN: X:\96-46\96-46.27\NPDES\EXHIBITS\EX 12 - OVERALL DRAINAGE MAP 9.DWG



KALIHI CCTV AND KALIHI VMS DRAINAGE MAP - 2
Not To Scale

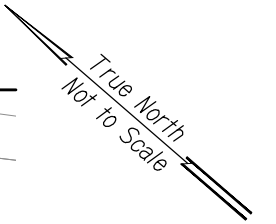
**FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)**

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII

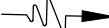
**OVERALL DRAINAGE MAP 9
KALIHI CCTV AND KALIHI VMS - 2**

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 13 - OVERALL DRAINAGE MAP 10.DWG

MATCH LINE B
For Continuation, See Exhibit 12



LEGEND

-  Flow Arrows
-  Storm Water Discharge Point
-  Drain Catch Basin
-  Drain Manhole
-  Grated Drain Inlet

KALIHI CCTV AND KALIHI VMS DRAINAGE MAP - 3
Not To Scale

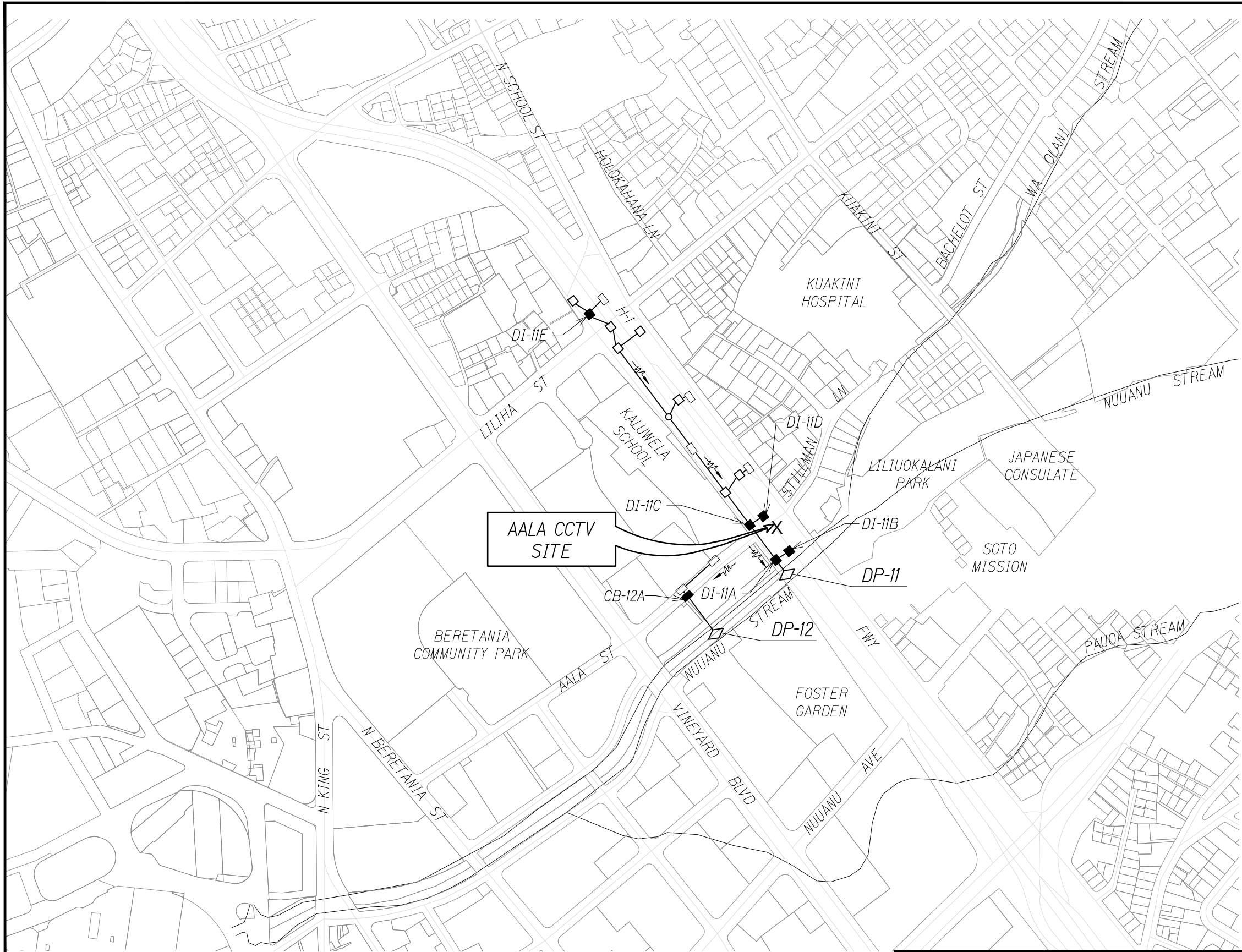
FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
OVERALL DRAINAGE MAP 10
KALIHI CCTV AND KALIHI VMS - 3

EXHIBIT

13

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 14 - OVERALL DRAINAGE MAP 11.DWG



True North
Not to Scale

LEGEND

- Flow Arrows
- Storm Water Discharge Point
- Drain Catch Basin
- Drain Manhole
- Grated Drain Inlet

AALA CCTV DRAINAGE MAP
Not To Scale

**FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)**

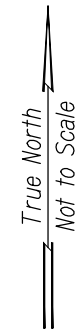
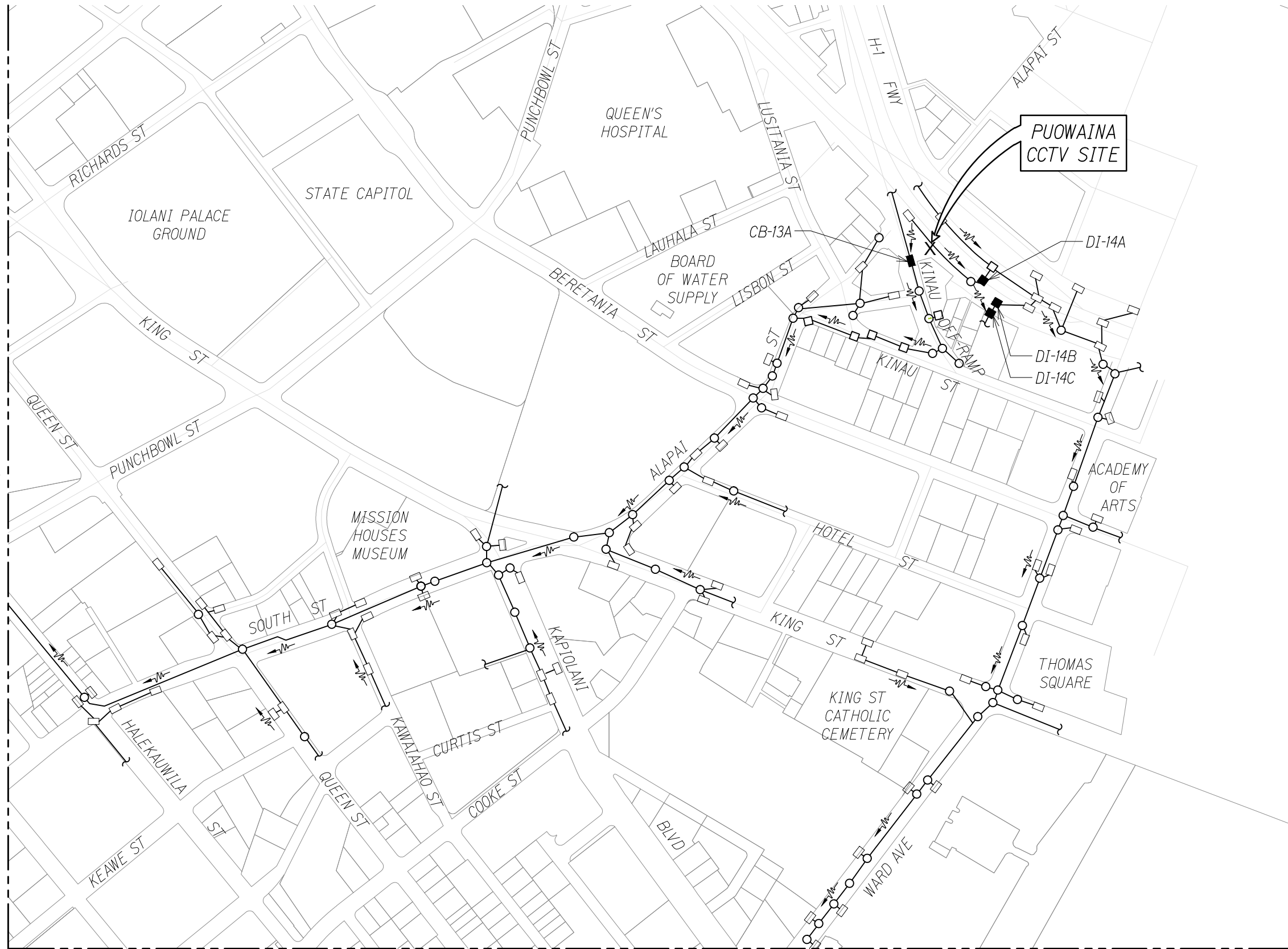
AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
**OVERALL DRAINAGE MAP 11
AALA CCTV**

EXHIBIT

14

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 15 - OVERALL DRAINAGE MAP 12.DWG

MATCH LINE A
For Continuation, See Exhibit 16



LEGEND

- Flow Arrows
- Drain Catch Basin
- Drain Manhole
- Grated Drain Inlet

MATCH LINE B
For Continuation, See Exhibit 17

PUOWAINA CCTV DRAINAGE MAP - 1
Not To Scale

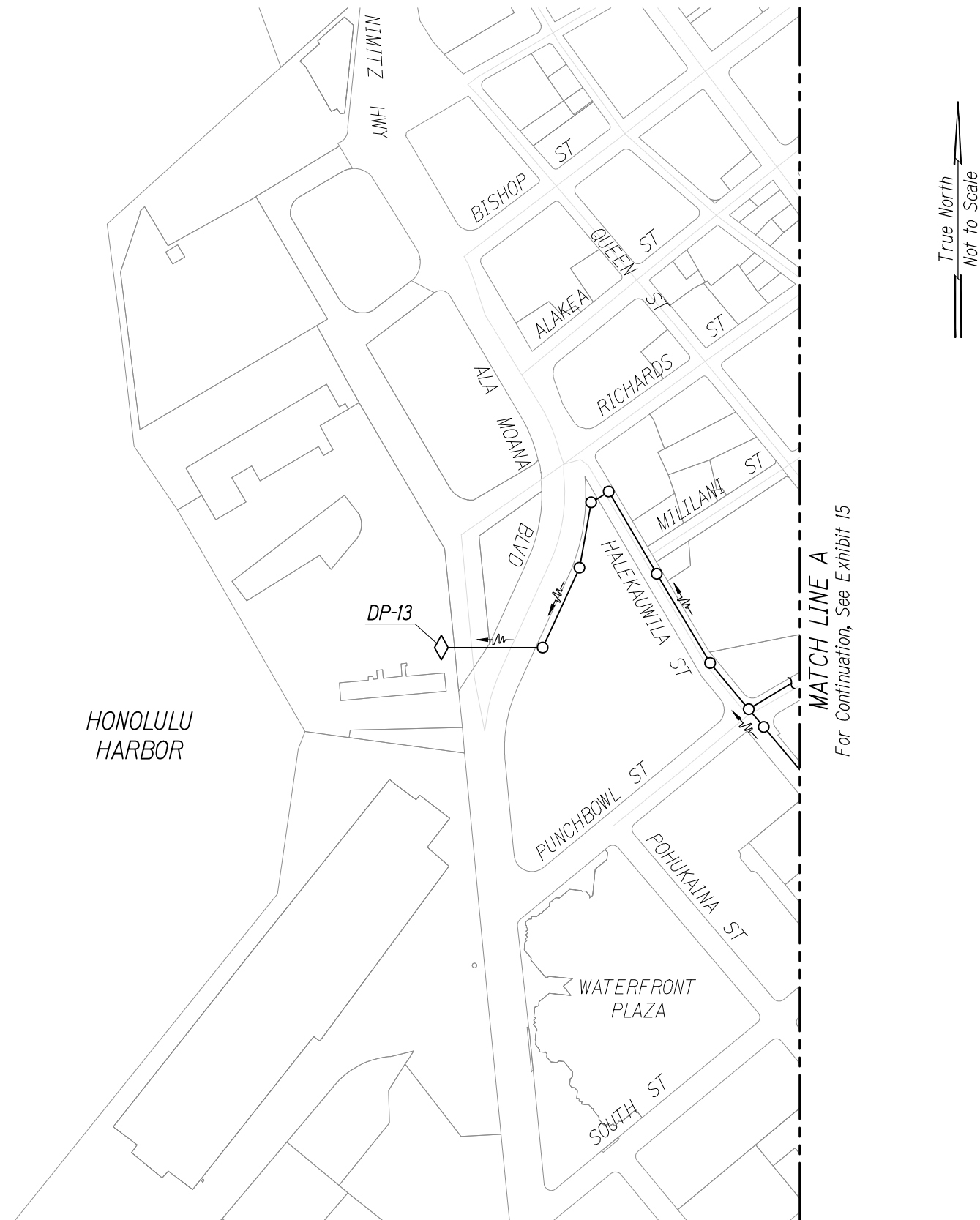
**FREeway MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)**

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
**OVERALL DRAINAGE MAP 12
PUOWAINA CCTV - 1**

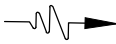
EXHIBIT

15

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 16 - OVERALL DRAINAGE MAP 13.DWG



LEGEND

-  Flow Arrows
-  Storm Water Discharge Point
-  Drain Catch Basin
-  Drain Manhole

PUOWAINA CCTV DRAINAGE MAP - 2
Not To Scale

**FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)**

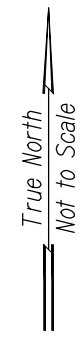
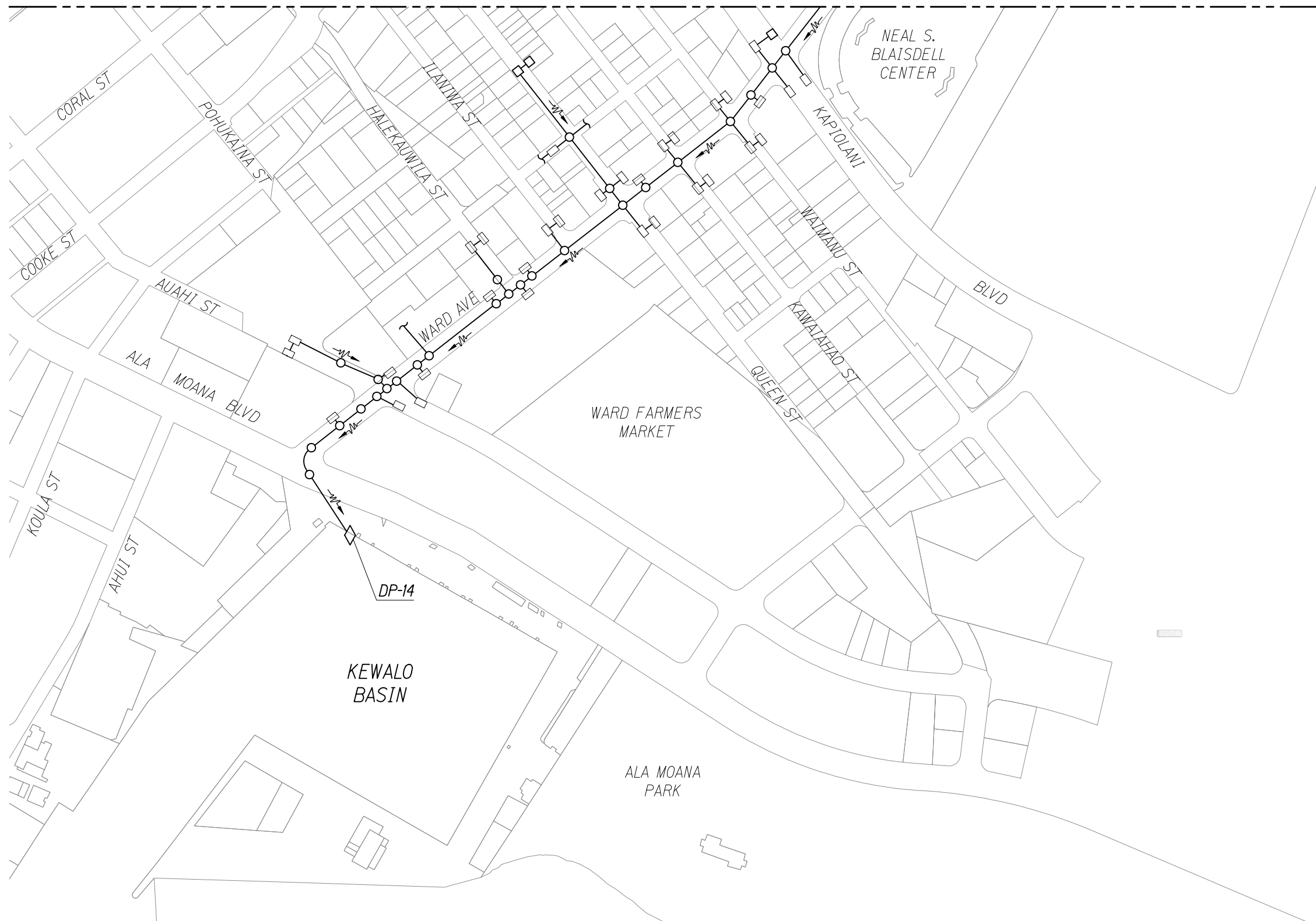
AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
**OVERALL DRAINAGE MAP 13
PUOWAINA CCTV - 2**

EXHIBIT

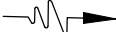
16

FN: X:\96-46\96-46.27\NPDES\EXHIBITS\EX 17 - OVERALL DRAINAGE MAP 14.DWG

MATCH LINE B
For Continuation, See Exhibit 15



LEGEND

-  Flow Arrows
-  Drain Catch Basin
-  Drain Manhole
-  Grated Drain Inlet

PUOWAINA CCTV DRAINAGE MAP - 3
Not To Scale

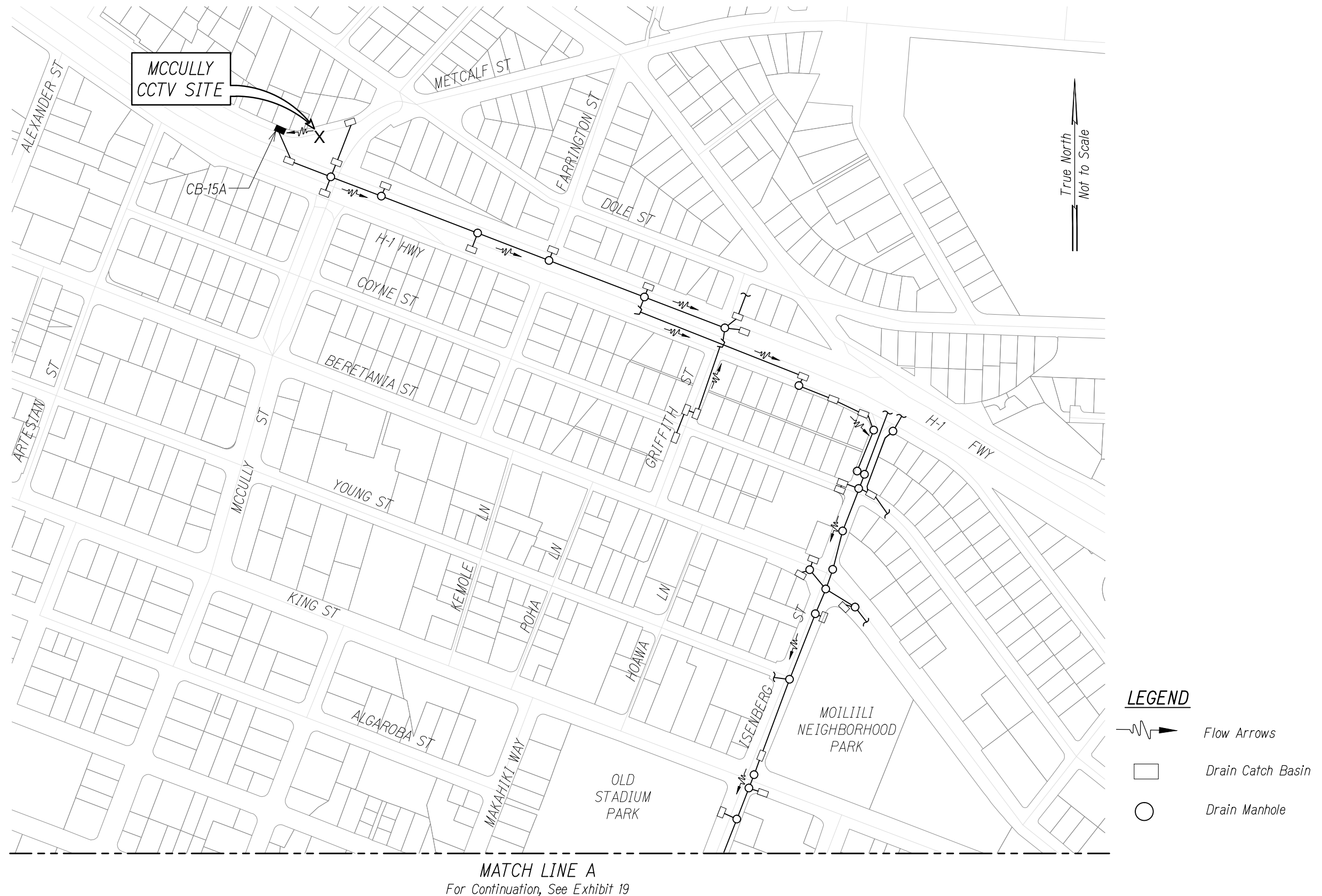
FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

ATA AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
OVERALL DRAINAGE MAP 14
PUOWAINA CCTV - 3

EXHIBIT

17

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 18 - OVERALL DRAINAGE MAP 15.DWG



MCCULLY CCTV DRAINAGE MAP - 1
Not To Scale

FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

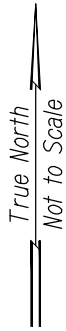
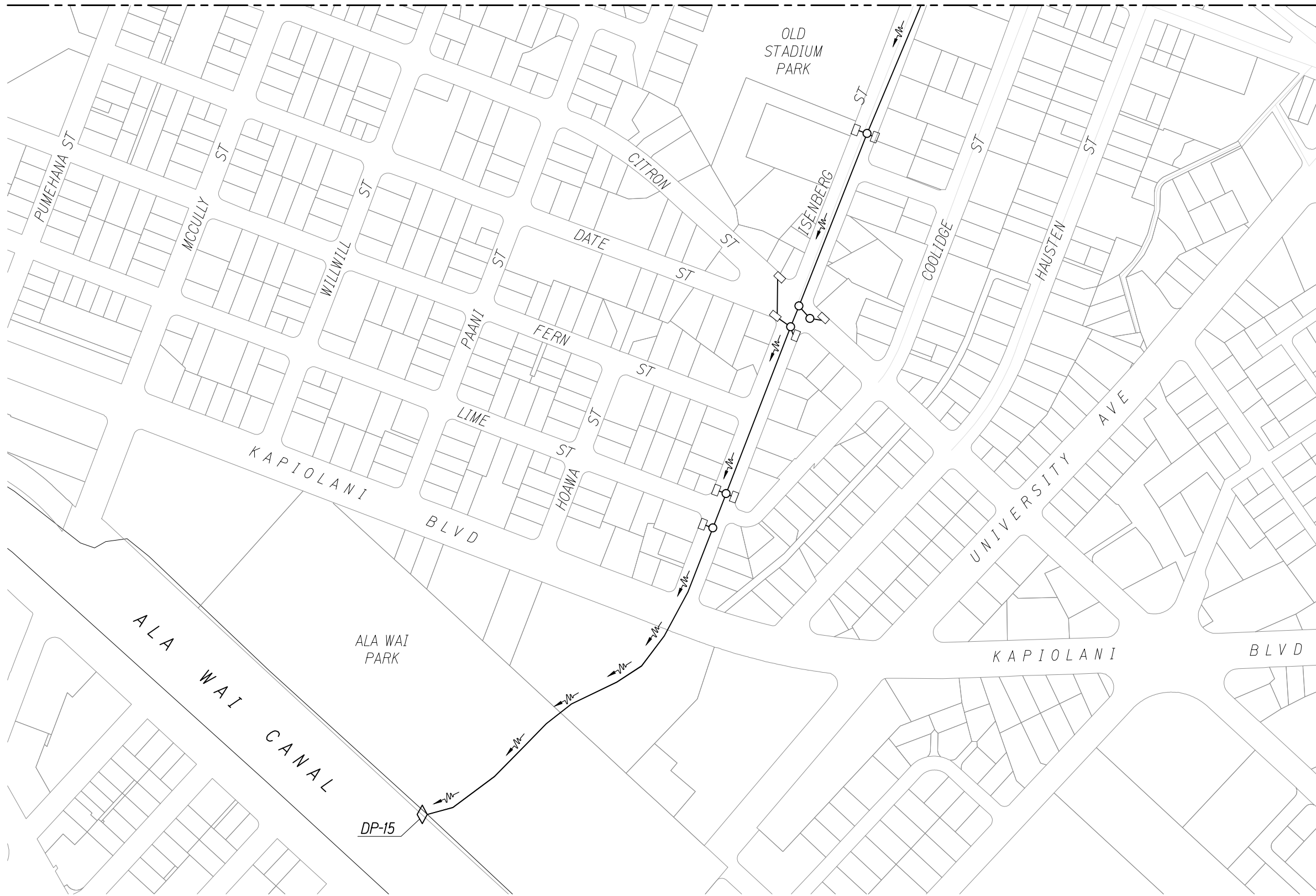
AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
OVERALL DRAINAGE MAP 15
MCCULLY CCTV - 1

EXHIBIT

18

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 19 - OVERALL DRAINAGE MAP 16.DWG

MATCH LINE A
For Continuation, See Exhibit 18



LEGEND

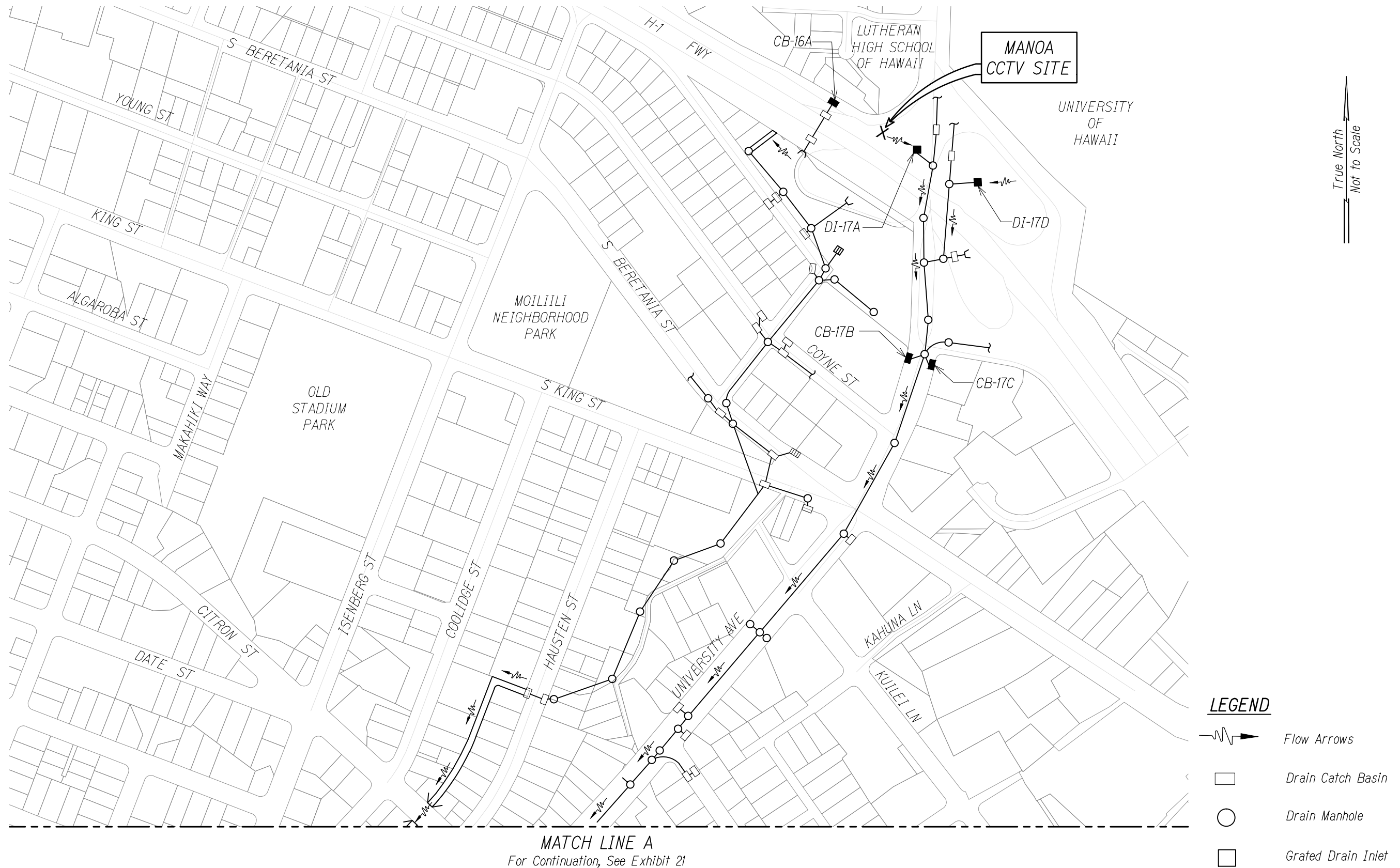
- Flow Arrows
- Storm Water Discharge Point
- Drain Catch Basin
- Drain Manhole

MCCULLY CCTV DRAINAGE MAP - 2
Not To Scale

FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

AUSTIN, TSUTSUMI, & ASSOC., INC.
ENGINEERS, SURVEYORS • HONOLULU, HAWAII
OVERALL DRAINAGE MAP 16
MCCULLY CCTV - 2

FN: X:\96-46\96-46.27\NPDES\EXHIBITS\EX 20 - OVERALL DRAINAGE MAP 17.DWG



MANOA CCTV DRAINAGE MAP - 1
Not To Scale

FREEWAY MANAGEMENT SYSTEM,
INTERSTATE H-1, H-2 & MOANALUA
FREEWAY (H-201) PHASE 1C, PART 2
FEDERAL AID PROJECT NO. IM-0300 (138)

AUSTIN, TSUTSUMI, & ASSOC., INC.
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OVERALL DRAINAGE MAP 17
MANOA CCTV - 1

EXHIBIT

20

FN: X:\96-46\96-46.27\NPDES\NPDES EXHIBITS\EX 21 - OVERALL DRAINAGE MAP 18.DWG

