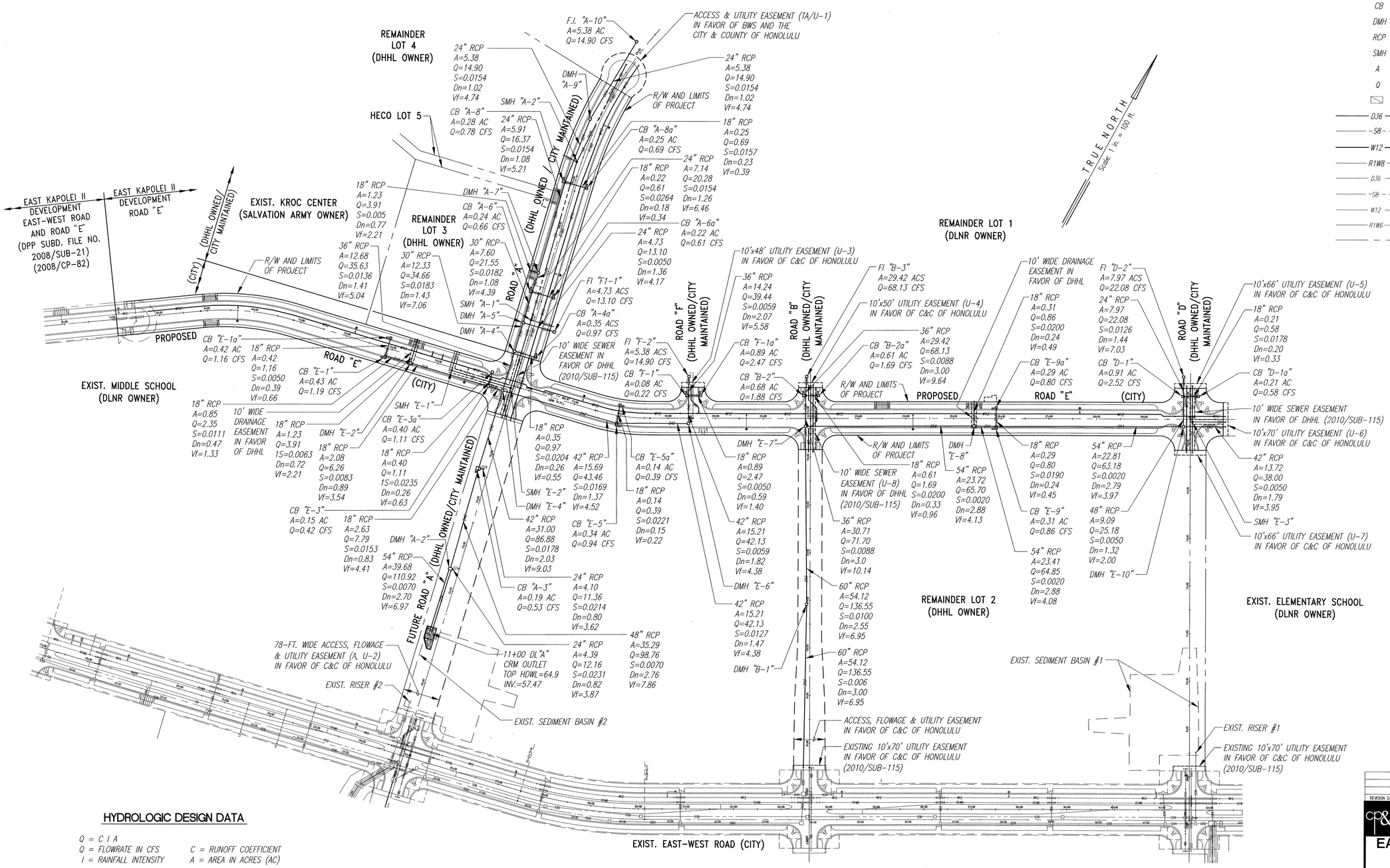

LEGEND

PL	PROPERTY LINE
DI	DRAIN INLET
CB	CATCH BASIN
DMH	DRAIN MANHOLE
RCP	REINFORCED CONCRETE PIPE
SMH	SEWER MANHOLE
A	AREA IN ACRES
Q	DRAIN RUNOFF IN CUBIC FEET PER SECOND
	HECO TRANSFORMER PAD LOT
D36	NEW DRAINLINE W/ SIZE
S8	NEW SEWERLINE W/ SIZE
W12	NEW WATERLINE W/ SIZE
R1W8	NEW NON-POTABLE WATERLINE W/ SIZE
D36	EXISTING DRAINLINE W/ SIZE
S8	EXISTING SEWERLINE W/ SIZE
W12	EXISTING WATERLINE W/ SIZE
R1W6	EXIST. NON-POTABLE WATERLINE W/ SIZE
	CENTERLINE OF ROADWAY

NOTES:

1. THESE PLANS ARE IN CONFORMANCE WITH THE "WASTEWATER MASTER PLAN FOR EAST KAPOLEI II DEVELOPMENT, TMK: 9-1-17 POR. 71 AND 88", APPROVED APRIL 22, 2009.
2. CONNECTING SEWER LINES BETWEEN EAST-WEST ROAD AND ROAD "E" SHALL BE CONSTRUCTED UNDER THE EAST KAPOLEI II DEVELOPMENT PHASE 2B.
3. SEWER LINES WILL BE DHHL OWNED.

HYDROLOGIC DESIGN DATA

Q = C I A
Q = FLOWRATE IN CFS C = RUNOFF COEFFICIENT
I = RAINFALL INTENSITY A = AREA IN ACRES (AC)

Tm = 10 YRS	Tm = 50 YRS
i = 1.8	i = 2.2
I = 3.96	I = 4.84
C = 0.70	C = 0.70
CI = 2.77 CFS/AC	CI = 3.39 CFS/AC

GENERAL LAYOUT PLAN

SCALE: 1"=100'

100 50 0 100 200
Graphic Scale in Feet

"PROPOSED CITY ROAD"

REVISION DATE	DESCRIPTION	MADE BY	APPROVED

Community Planning and Engineering, Inc.
Engineering Design | Construction Management | Infrastructure Planning
1100 Alakea Street, Sixth Floor Honolulu, Hawaii

EAST KAPOLEI II DEVELOPMENT ROAD "E"

HONOULIULI, EWA, OAHU, HAWAII
(DPP SUBD. FILE NO. 2010/SUB-115)
OWNER: DEPARTMENT OF LAND AND NATURAL RESOURCES
DEVELOPER: DEPARTMENT OF HAWAIIAN HOME LANDS
TAX MAP KEY: 9-1-17: Portion 110

GENERAL LAYOUT PLAN

DRAWN BY: MFN ENGINEER: SS, FJC CHECKED BY: AMM

APPROVED:
CHIEF, CIVIL ENGINEERING BRANCH, D.P.P. — DATE 1/24/12
CHIEF, WASTEWATER BRANCH, D.P.P. (FOR CONFORMANCE WITH DPP STANDARDS ONLY) — DATE 12/2/11
CHIEF, TRAFFIC REVIEW BRANCH, D.P.P. — DATE 12/5/11
MANAGER AND DIRECTOR, B.W.S. — DATE 11-29-11
(FOR WORK AFFECTING BWS FACILITIES IN CITY/STATE RIGHT-OF-WAY AND BWS EASEMENTS ONLY)

ANSON M. MURATAMA
LICENSED PROFESSIONAL ENGINEER
No. 6975-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. LICENSE EXPIRATION DATE: 04/30/12

DWG. NO. C-4 SHEET 5 OF 61 SHEETS

FILE	POCKET	FOLDER	NO.

P:\Land Projects\DHHL East Kapolei II\Road E\Construction Drawings\Government Review #4\05 GENERAL LAYOUT PLAN_GR#4.dwg, 5 GENERAL LAYOUT PLAN, 10/5/2011 8:30:37 AM, 1:1