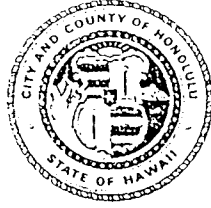


DEPARTMENT OF LAND UTILIZATION
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813 • (808) 523-4432

FRANK F. FASI
MAYOR



DONALD A. CLEGG
DIRECTOR

LORETTA K. C. CHEE
DEPUTY DIRECTOR

August 10, 1990

TO: SURVEYORS, ENGINEERS AND SUBDIVIDERS
FROM: DONALD A. CLEGG, DIRECTOR
SUBJECT: SUBDIVISION FINAL MAP DIGITIZED DISKETTE
CITY'S GEOGRAPHIC INFORMATION SYSTEM (GIS)

Effective September 1, 1990, all final subdivision maps under the Subdivision Rules and Regulations of the City and County of Honolulu, shall include the final subdivision map information on a 3 1/2" or 5 1/4" diskette in an Auto CAD DXF file or ARC/INFO format. The purpose is to assist the City in expediting entry of all subdivision maps into the City's GIS.


Final subdivision maps shall not be approved unless the diskette is included with the final maps.

Specifications for Auto CAD Subdivision Map diskette:

- a. Mandatory objects--lot lines, and parcel dimensions (See item d below.) in each parcel.
- b. Each mandatory object should be in a separate layer. Each layer should have default options--color = white; line-type = continuous.
- c. Any other text (such as angles) or lines (such as easements) are required and placed in separate layers and use colors and linetypes other than the defaults.
- d. Parcel dimension text should be positioned on the interior of the lines and aligned with the lines (when possible). Text height should be 4 units (smaller when space is limited) and offset 3 units from the line.
- e. Include known State Plane Coordinates for the point of beginning.

EXCEPTION: Subdivision final maps with less than 50 metes and bound courses are exempted. However, the diskette should be submitted if the surveyor is using the CAD system. This will assist the City in expediting entry into the GIS.

Thank you for your cooperation. Should you have any questions, please contact the Land Design Branch at 527-5838.


DONALD A. CLEGG
Director of Land Utilization

DAC:gc

DEPARTMENT OF LAND UTILIZATION
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813 • (808) 521-1432



DONALD A. CLEGG
DIRECTOR

LORETTA K.C. CHEE
DEPUTY DIRECTOR

November 2, 1990

MEMORANDUM

TO : SURVEYORS, ENGINEERS AND SUBDIVIDERS
FROM : DONALD A. CLEGG, DIRECTOR
SUBJECT: SUBDIVISION FINAL MAP DATA DISKETTE
CITY'S GEOGRAPHIC INFORMATION SYSTEM (GIS)

This is to supplement our letter of August 10, 1990, regarding data diskette of final subdivision maps.

In order to standardize our file processing procedures, the specifications for the diskette are as follows:

1. All files created using a computer aided drafting (CAD) or engineering system (CAE) will be submitted in a Drawing Interchange files (DXF) format.
2. All DXF files shall use standardized naming or numbering conventions for each data layer specified as follows:
 - a. All Lot line segments that delineate each parcel shall be stored in data layer name LOTS or layer number 5;
 - b. Easement lines shall be stored in data layer name ESMTS or layer number 6;
 - c. Dimensions of each Lot line, the chord length of each curved segment, lot area in square feet, and easement dimensions, shall be stored in data layer name TEXT or layer number 7;
 - d. Supplementary lines and annotation describing azimuths, radial lines, the point of beginning in State Plane coordinates, or other information describing the lots, shall be stored in layer name BASIC or layer number 8; and
 - e. Other lines and annotation used to identify the location of the subdivision and to create hard copy maps, e.g. roads or map legends, shall be stored in data layer name MAP or layer number 10.
3. A subdivision map created in a CAD system shall be registered using absolute easting, northing coordinates of the State Plane Feet (SPF) coordinate system. The subdivision may use coordinates from the local triangulation stations; however, it shall be converted to the State Plane coordinate system prior to conversion to a DXF file.

Should you have any questions, please contact the Land Design Branch at 527-5838.

A handwritten signature in cursive script that reads "Donald A. Clegg".

DONALD A. CLEGG
Director

DAC:ky
(0079M)

NOVEMBER 29, 1990

<u>LAYER NAME</u>	<u>LAYER DESCRIPTION</u>
LOTS OR #5	LOT LINES
ESMTS OR #6	EASEMENT LINES AND EASEMENT AZ. AND DISTANCES
TEXT OR #7	AZ AND DISTANCES OF LOT LINES, CHORDS, AND LOT AREAS
BASIC OR #8	RADIUS AND RADIAL LINES, LOT NUMBERS, COORDINATES
MAP OR #10	ADJOINING PROPERTY LINES, LOCATION MAPS, NORTH ARROW, ROAD NAMES, TITLE, BORDER, AND NOTES

TO MOVE YOUR WHOLE SUBDIVISION TO "STATE PLANE COORDINATES"

LOAD DRAWING ON COMPUTER

MOVE--WINDOW OR CROSSING

BASE POINT (INTERSECTION, ENDPOINT, OR NODE)

TO

X, Y (TYPE IN YOUR X, Y COORDINATES,

FOR EXAMPLE:

X 102316.7777 BUT YOU HAVE TO TYPE
Y 565789.9999 THEM IN REVERSED

RETURN

THIS CORRESPONDS TO X 565789.9999
AUTOCAD Y 102316.7777

CLEAN .5

DANGLE .1

TO SEND TO DXF FILE FORMAT:

LOAD DRAWING ON COMPUTER

AT "COMMAND" PROMPT -- TYPE IN "DXFOUT"

RETURN

TYPE YOUR FILE NAME "A:BLAND42"

RETURN

DECIMAL PLACES OF ACCURACY 0 TO 16 ENTER -- 16

RETURN

NOTE:

IN THE EVENT THAT YOUR FILE IS TOO BIG TO FIT ON ONE DISKETTE AND YOU NEED TO COMPRESS IT, PLEASE SUBMIT ANOTHER SEPARATE DISKETTE, UNCOMPRESSED, WITH JUST THE "LOTS" LAYER ON IT.

MAHALO