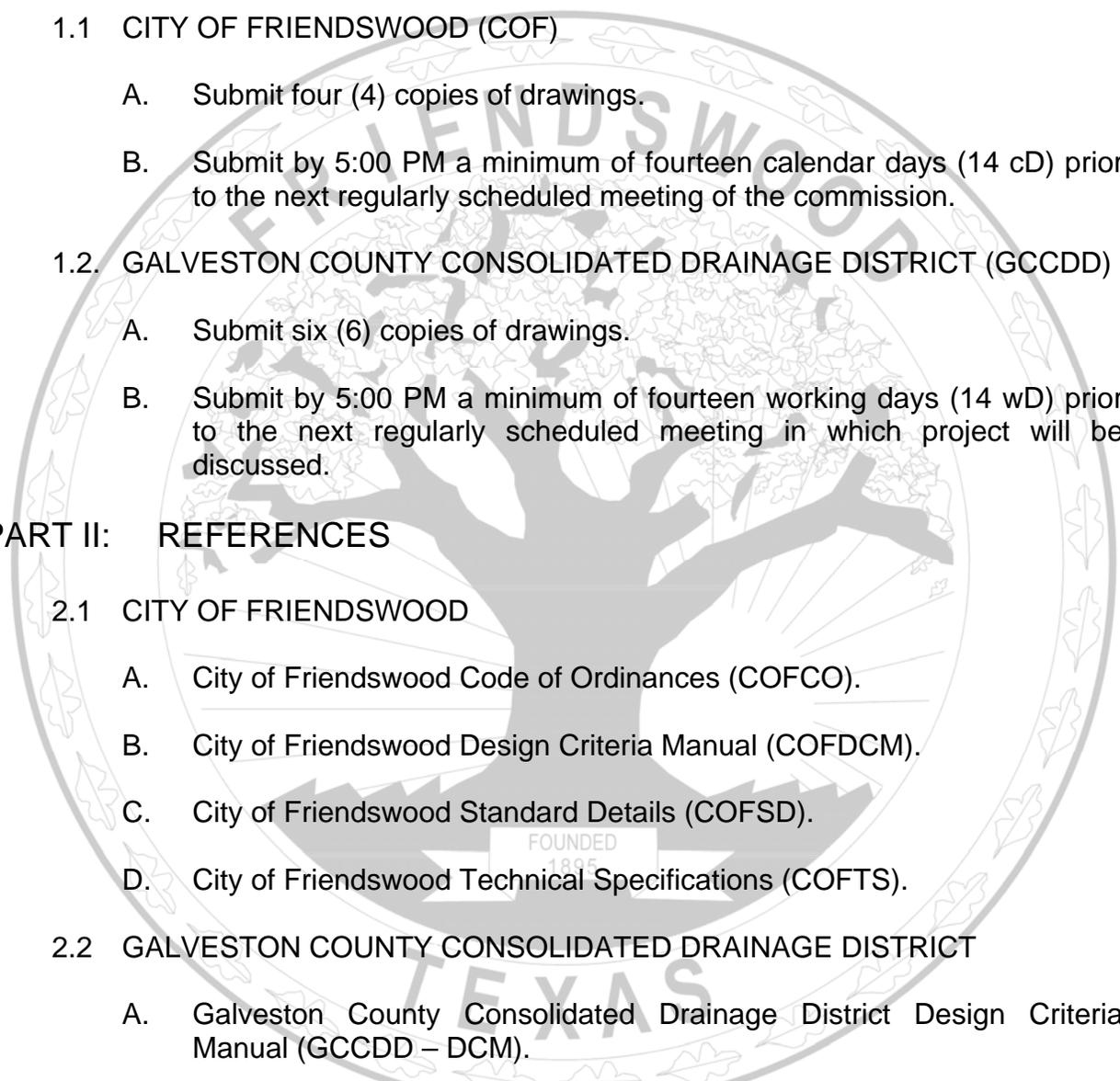


## **DOCUMENT 01100**

### **MINIMUM CONCEPTUAL DRAWING REQUIREMENTS**

#### **PART I: SUBMITTAL**

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- 1.1 CITY OF FRIENDSWOOD (COF)
    - A. Submit four (4) copies of drawings.
    - B. Submit by 5:00 PM a minimum of fourteen calendar days (14 cD) prior to the next regularly scheduled meeting of the commission.
  - 1.2 GALVESTON COUNTY CONSOLIDATED DRAINAGE DISTRICT (GCCDD)
    - A. Submit six (6) copies of drawings.
    - B. Submit by 5:00 PM a minimum of fourteen working days (14 wD) prior to the next regularly scheduled meeting in which project will be discussed.

#### **PART II: REFERENCES**

- 2.1 CITY OF FRIENDSWOOD
  - A. City of Friendswood Code of Ordinances (COFCO).
  - B. City of Friendswood Design Criteria Manual (COFDCM).
  - C. City of Friendswood Standard Details (COFSD).
  - D. City of Friendswood Technical Specifications (COFTS).
- 2.2 GALVESTON COUNTY CONSOLIDATED DRAINAGE DISTRICT
  - A. Galveston County Consolidated Drainage District Design Criteria Manual (GCCDD – DCM).
- 2.3 HARRIS COUNTY FLOOD CONTROL DISTRICT
  - A. Harris County Flood Control District Design Criteria Manual (HCFCD – DCM).

**PART III: DRAWINGS**

**3.1. GENERAL REQUIREMENTS**

- A. All drawings shall have a title block.
- B. All drawings shall have a sheet number.
- C. All drawings shall be printed on twenty-four inch by thirty-six inch (24 In x 36 In) nominal paper.
- D. All drawings shall have a graphic scale.
- E. Current Flood Zone Determination statement.

**3.2 ALL OTHER DRAWINGS**

- A. Scale shall be a minimum of one inch equals one hundred feet (1" = 100') and shall be a graphic depiction.
- B. COF Standard Signature Block.
- C. GCCDD Signature Block on Drainage Work Drawings (if applicable).
- D. HCFCD Signature Block on Drainage Work Drawings (if applicable).
- E. Revisions.
- F. Date.
- G. Benchmark, reference and adjustment data.
- H. Show plan and profile for all water, sanitary sewer and storm sewer utilities.
- I. Seal, date and original signature of the Professional Engineer licensed by the State of Texas.

**3.3 OVERALL LAYOUT AND PLAT**

- A. Show Boundaries of Ownership.
- B. Adjacent landowners shall be identified.
- C. Contour lines shall be at one-half foot (1/2 Ft) intervals on the proposed development site and one foot (1 Ft) intervals surrounding the proposed development site. Contour lines shall extend two hundred feet (200 Ft)

beyond proposed development site.

- D. Public Land shall be identified including but not limited to reserves and parks, ROW and easements,
- E. Legal Description of proposed development site.
- F. Total Acreage.
- G. Tracts larger than one hundred acres (100 Ac) or cut out of a tract larger than one hundred acres (100 Ac) shall have a Drainage Impact Study completed and approved.
- H. Tracts larger than one hundred acres (100 Ac) or cut out of a tract larger than one hundred acre (100 Ac) shall have a Master Conceptual Plan.
- I. Benchmark, reference and adjustment data.

#### 3.4 DRAINAGE

- A. Show limits of one hundred year (100-Yr) flood plain.
- B. Location of drainage pipes, ditches and easements.
- C. Contour lines shall be at one-half foot (1/2 Ft) intervals on the proposed development site and one foot (1 Ft) intervals surrounding the proposed development site. Contour lines shall extend two hundred feet (200 Ft) beyond proposed development site.
- D. All drainage pipes, ditches, channels, arteries, etc. within two hundred feet (200 Ft) of the proposed development site.
- E. Location of Inlets and Manholes.
- F. Current Flood Zone determination statement.
- G. Inlet capacity table.

#### 3.5 WATER AND SEWER

- A. Location of waterlines, sewer lines, manholes, valves and fire hydrants.
- B. Location of water and sewer service leads.
- C. Location of Force Mains and Lift Stations.

- D. Location of all water and sewer within two hundred feet (200 Ft) of the proposed development site.

### 3.6 STREETS

- A. Location of all streets.
- B. Name of all streets.
- C. Location of Rights-of-way and width.
- D. Location of Street Signage and Traffic Control Devices.
- E. Location of all streets and rights-of-way within two hundred feet (200 Ft) of the proposed development site.
- F. Location of Sidewalks.

### 3.7 UTILITIES (CABLE, GAS, ELECTRIC AND TELEPHONE)

- A. Location and types of all utilities and utility easements.
- B. Location of all utilities and types within two hundred feet (200 Ft) of the proposed development site.

END OF DOCUMENT

