

Republika ng Pilipinas  
PAMPAKISANG PANGASIWAAN NG PULUBIC  
(National Irrigation Administration)  
Lungsod ng Quezon

MC 64 S. 1990

MEMORANDUM CIRCULAR

**T O : ALL REGIONAL IRRIGATION MANAGERS  
AND PROJECT MANAGERS**

**SUBJECT : PLANS OF DIVERSION WORKS FOR APPROVAL AT CENTRAL OFFICE**

For uniformity of plans of diversion works designed at the Regional and Project Offices that need approval at Central Office, hereunder are guidelines to be followed:

1. All plans are to be drawn preferably in mylar sheets with an outside and inside dimension of 96 x 52 and 90 x 50 centimeters, respectively.
2. Presentation of plans shall be in the following order:
  - a. Location and Vicinity Map
  - b. Site Development Plan indicating contour lines, river flow direction, dam axis, the proposed dam, upstream and downstream protection works such as afflux dikes and guide banks, location of riverbed cross sections taken upstream and downstream of the dam, location of bore holes/test pits, north direction, residential areas, etc.
  - c. Design data such as riverbed profile and cross sections with observed minimum and maximum water levels, log of bore holes/test pits, tail water rating curve with conjugate depth curve, catchment area, etc.
  - d. General Plan with general notes, canal hydraulic elements and elevations. The indicated sections shall include the corresponding sheet number where it is drawn.
  - e. Upstream and downstream elevations with riverbed cross section.

- f. Longitudinal and transversal sections and details
  - g. Sluiceway plan, sections and details
  - h. Intake structure plan, sections and details
  - i. Sluice tower, shed plan, sections and details if provided
  - j. Others
3. Sections and Details indicated in letters and numbers shall be in sequence and used only once for the entire plans to avoid confusion.
4. Hydrology, hydraulics and structural computations shall be submitted together with the plans duly signed for approval.

For compliance.

(SGD.) JOSE B. DEL ROSARIO, JR.  
Administrator

September 6, 1990