

INTRODUCTION

The Las Vegas Valley Water District AutoCAD Standards have been developed to aid in the preparation of drawings and to ensure consistency and uniformity on all District contracts. The Engineering Design Division has made every attempt to assure that the Design Detail Standards are complete and accurate. **However, the issuance of these standards does not relieve the Engineer of Record from assuring that the standard details are correct and applicable to their specific project.**

DRAWING SUBMITTAL REQUIREMENTS

General Submittal Requirements:

When AutoCAD files are prepared for submittal to the District, the paper set and electronic views must be the same. What is seen on the paper copy is also the electronic view on screen when the file is opened.

The Consultant shall use the drawing shell, *Contract-shell.dwg*, for all contract drawing sheet titleblocks. The shell is located in the *General* section of the LVVWD AutoCAD Standards. Due to the District's document management system the *Contract-shell.dwg* **shall not be exploded**. If the titleblock has been exploded or modified the submittal will be **not** be accepted.

Due to the District's printing requirements Model Space and Paper/Layout Space drawings are **only** permitted. The drawing shell shall **always** be inserted into Paper/Layout Space at (1:1 scale) 24" x 36" and drawing "psltscale" to be set at "1". The Model Space viewport drawing scale shall be horizontal scale: 1" = 40' and vertical scale: 1" = 4' for plan and profiles. The Consultant and District Engineer shall determine all other drawing scales.

North arrow and all text are to be oriented to be read from the **bottom** and **right** (Unless approved by District Engineer).

All Stationing is to be oriented from left to right (Unless approved by District Engineer). Stations are to be consistent at matchlines and station equations are **not** permitted.

All original signatures are to be in **blue** ink prior to the acceptance of the Final Submittal. Within the titleblock the "Recommended By:" and "Accepted By:" signature lines are **only** for District final approval signatures.

AutoCAD drawings created in AutoCAD version 2004 or greater will **only** be accepted.

The District distributes an electronic PDF version of the submittal drawings to various LVVWD departments for review throughout the project with an LVVWD automated program. Requirements for this automated process include:

- **All** submittal drawings need to have **all X-ref drawings bound** within the drawings using the "insert" feature.
- **All** drawings are to have **only one (1) layout tab**. (Multiple tab drawings can **no** longer be accepted).
- **All** drawings are to use the standard LVVWD titleblock (*Contract-shell.dwg*).
- **All** drawing files are to be named in accordance with the LVVWD AutoCAD Standards.

If **any** of the District submittal requirements are not followed the submittal **cannot** be processed and will be **not** be accepted. The submittal will be returned to the Consultant for correction and immediate re-submittal as determined by District Engineer.

Failure to comply with these requirements and standards may lead to reduction or delay of project payments as determined by District.