

**City of Chula Vista Land Development**  
**DIGITAL SUBMITTAL GUIDELINES / IMPROVEMENTS AND GRADING**

Digital files submitted shall be based on accurate coordinate geometry calculations and the NAD83 State Plane Coordinate System (Zone 6) Feet. The digital file submitted shall combine all individual plan sheets for the proposed subdivision into a **single** CAD or ArcView shapefile (GIS formatted drawing). This drawing shall contain the following individual layers.

**IMPROVEMENTS:**

SACCESS	Sewer Access covers (size, type)
CURB	Curbs, berms, and sidewalk
FINGRADE	Finished grade contours and elevation
MEDIAN	Medians
S/W	Sidewalks
HYDRANTS	Fire hydrants
UTILITIES	Public utilities (water, gas, elect., cable)
RAMP	Pedestrian ramp locations
EXEASE	Existing easements
FUTEASE	Proposed easements
STLIGHT	Street Lights
EXSEWER	Existing sewer lines
FUTSEWER	Future sewer lines
EXSTORM	Existing storm drain lines
STORM DRAIN	Proposed storm drain lines
INLETS	Storm drain inlets
OUTLETS	Storm drain outlets

**GRADING:**

EXGRADE	Existing grade contours and elevations
FINGRADE	finished grade contours and elevations
FLOW	Swales, direction of flow
SPOTELEV	Spot elevation markers and elevation
FTPRINT	Building footprints (if known)
STORM DRAIN	Culvert and storm drain outlets/inlets
DETENTION	Detention/desalting facilities
INLETS	Storm drain inlets
OUTLETS	Storm drain outlets

Lines should be POLYLINE (2-D), not POLYLINEZ (3-D).

No callouts, page boundaries or map primitives of any kind are required.

Please turn off any extensions outside of the usual cad software.

Submit the digital files in accordance with City Guidelines for Digital Submittal on 3 \_” disks, CD, as an e-mail attachment to the Project Engineer (preferred), or as otherwise approved by the City Engineer-in-charge.

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Based upon the City of Chula Vista Subdivision Manual, 1-500 (Section 1, Page 6):

[http://www.ci.chula-vista.ca.us/City\\_Services/Development\\_Services/Public\\_Works\\_Engineering/Land/manual.asp](http://www.ci.chula-vista.ca.us/City_Services/Development_Services/Public_Works_Engineering/Land/manual.asp)