

PLANS & SPECIFICATION REQUIREMENTS

FOR

ENCROACHMENT PERMITS

ENGINEERING PLANS & SPECIFICATIONS (minimum requirements for minor relocation, repair and replacement):

- Plans shall be to-scale
- Dimensioned property lines and easements
- Limits and Conforms
- Existing improvements (screened back)
- Proposed improvements (dark, bold) with details

ENGINEERING PLANS & SPECIFICATIONS (minimum requirements for installation of curb, gutter, sidewalk, paving and landscaping within the public right-of-way where no such improvements currently exist):

- Plans shall be 24" x 36" prepared by a California-licensed Civil Engineer
- Accurate existing topography within the public right-of-way, based on a Fremont benchmark, including existing contours, spot elevations, drainage patterns, and building footprints (including topographic shots at all conforms, property lines, etc.)
 - Topographic survey should extend beyond the limits of work (property lines) to allow for the design of future curb profile on either side of the project to ensure future improvements can easily conform with the current project proposal as well as existing improvements.
- Elevations, dimensions, location, and slopes of proposed grading shown by contours and other means
- All existing and proposed utility work with connection points (i.e. sanitary sewer, storm drain, gas, electric, water)
- Existing and proposed drainage system with calculations.
- Signing and striping plan with all existing and proposed signs and striping
- Limits/edges/conforms of existing and proposed surface materials (i.e. asphalt, concrete, gravel, dirt)
- Typical street cross sections
- Signature blocks on the Cover Sheet for: City Engineer, Alameda County Water District (ACWD), Union Sanitary District (USD)
- Joint trench and/or overhead utility plan