City of Pampa Engineering Department
Plan Review Checklist
New Subdivision Construction

Checklist is for guidance only. The following are items that at a minimum will be checked on plans by the City of Pampa Engineering Department for new subdivision construction. This check is independent of the Fire Department and Building Official.

GENERAL

_____ Plans for new subdivision shall be ARCH D Size (24” x 36”) or Ledger Size (11” x 17”)
_____ 3 Copies of Plans for Review
_____ Title Page with a Vicinity & Location Map
_____ Title Page contains name of subdivision, name, and address of developer
_____ Title Page contains the following signature blocks for approval:
   - Director of Public Works
   - City Engineer
   - Utility Construction Superintendent
   - Building Official
   - Fire Marshall

_____ Coordinate System based on Texas State Plane Zone 1, Zone 5326, FIPS 4201, TX-North (Feet)
_____ Existing Site Survey with location of permanent markers and benchmarks
_____ Plans show location of property lines
_____ Plans clearly indicate all lot numbers, block numbers, lot distances, street names, etc.
_____ North Arrow shown on all applicable sheets
_____ Location of building setback lines, if applicable
_____ Location of existing and/or proposed easements
_____ Include Drainage Plan with calculations for 2-, 25-, and 100-yr events; show combined flows
_____ Include Nonstandard Detail Sheets (if project requires it)
_____ Include applicable City of Pampa Standards
_____ Origin points of street and alley alignments show coordinates
_____ Pad elevations shown
_____ Base flood elevations shown, if applicable

PREPARED: 3/12/13
REVISED: 12/16/2020
Plans for stormwater management and erosion control included

Traffic Control Plan included in accordance with the latest edition of the Texas Manual of Uniform Traffic Control Devices, if applicable

Contact information for City Engineering Department shown on Title Page (City of Pampa Engineering Department Contact: Cary Rushing, Project Manager, 806-669-5750)

Contact information for Water Office for water & sewer Locates on Title Page (806-669-5810)

Construction cost estimate prepared by engineer of record included with plans

NOTE: Results of geotechnical, density and concrete testing submitted to City Engineering Department in a timely fashion (density testing due before asphalt is laid down for streets and alleys)

WATER & SANITARY SEWER PLANS

Utility plans prepared by or under the direct supervisions of a Texas licensed professional engineer. Plans shall bear the licensee’s seal and signature.

Plans show location of existing and proposed water and sewer mains

Show location of sewer and water service taps; service line taps extend to property, ROW or easement lines, perpendicular to main

Plan and profiles for utilities prepared using one of the following scales

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>Vertical</th>
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<tbody>
<tr>
<td>1 in. = 20 ft.</td>
<td>1 in. = 2 ft.</td>
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<tr>
<td>1 in. = 50 ft.</td>
<td>1 in. = 5 ft. or 1 in. = 10 ft.</td>
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Profile views shown for sanitary sewer mains of all sizes and water mains 6 inches or greater

Method of determining elevations described in plans (i.e., estimated, field verified, as-built information, calculated, etc.); existing water and sanitary sewer mains shown on plans

All utilities, existing and proposed, dimensioned off property/right-of-way lines, and labeled as existing or proposed

Dimensions shown demonstrating required separation between sewer and water

Stations shown for all bends, fittings, air valves, blowoffs, valves, manholes, point of curvature (P.C.), point of tangency (P.T.), point on a curve (P.O.C.), point of reverse curve (P.R.C.), end of line (E.O.L.), begin and end bores, begin and end casing, sewer taps, and other significant features

Existing ground within the right-of-way and/or easement shown on P/P along with proposed or existing street and alley grades

Sewer profile shows grade and flow lines

PREPARED: 3/12/13
REVISED: 12/16/2020
Stationing begins at low end of sanitary sewer lines and labeled in 50 ft. increments
Stationing increases from left to right
Previous project stationing may be used to continue an alignment
Profile view calls out required minimum vertical separations where utilities cross perpendicular
Sanitary sewer main that is dead end extends to center of last lot served with manhole at the end of the line
Plans show finished grades necessary for fire hydrants, valve boxes, manholes, etc.
City of Pampa CC’d in Submittal Letter to TCEQ Wastewater Permits Section
City of Pampa designated as the owner of any proposed utility improvements in TxDOT right-of-way

NOTE: The City of Pampa will not be responsible for conflict in elevation between existing lines and proposed lines. Any conflicts that require an alteration shall be included in an As Built to the City.

PAVING PLANS

37’ B-B residential streets
2’ or 2.5’ C&G
Location and width of existing and proposed streets shown with widths, names, and width of rights-of-way
Plan and profile prepared with final left and right road profiles (for roads) as well as existing natural grades shown; centerline stationing also shown based on an alignment
Scale equal to that of Utility P/P
Paving P/P and Utility P/P can be shown on the same sheet
Profile for alley shown is centerline
Show bearing of alignment on plan
Show horizontal alignment equations of street and alley
Additional layout information shown where profile grades do not parallel station lines (ex. Cul-de-sacs)
Top of curb elevation at each station, points of curvature (P.C.), points of tangency (P.T.), vertical points of intersection (V.P.I.) and end of separate curbs shown
Curb returns and other critical points where construction may temporarily terminate shown

Vertical curve data shown

Grade breaks more than 1% require a vertical curve

Location and width of proposed and existing sidewalks in the right-of-way and/or easements shown

Plans show Curb BOC, TOE and Valley Gutters

TOE at radius extends to intersect TOE of intersecting street (does not follow radius)

Minimum street curb and gutter and alley grades are 0.4%

Minimum valley gutter grade is 0.5%

Minimum percent grade for curb and gutter curves leading into and around cul-de-sacs is 0.6%

Minimum percent grades around curb and gutter radii at street intersections 1.5% and maximum 5% at downstream side of intersection (0% minimum, 5% maximum upstream side)

Stationing increases from left to right across the plan sheet

NOTE: Minimum Design Speeds – 35 mph for residential streets, 20 mph for alleys