



AS-BUILT PLANS/RECORD DRAWINGS CHECKLIST

For

City of Scottsdale Public Improvements
Updated 4/14/17

Project Name: _____

Project No.: _____

Date: _____

All items listed below shall be provided on As-Built/Record Drawings unless identified with N/A.

General (applies to entire plan set)

_____ Control monuments (survey markers, brass caps, or center line monuments) that will be disturbed as a result of construction will be identified in a "Results of Survey" sealed and recorded by a Registered Land Surveyor prior to commencement of work. Prior to removing a monument, a minimum of three reference marks are to be set with the identifier "RM" and the land surveyors registration number in the manner defined by the Arizona Boundary Survey Minimum Standards and Arizona Administrative Code R4-30-306. Monuments will be set per COS Standard Detail 2120 by a Registered Land Surveyor. When street monuments are being set based on approved Results of Survey map, then an amendment to that map showing the horizontal & vertical control, and monument character type set, shall be submitted to the City for approval and recordation.

_____ As-Built/Record Drawings plan set shall contain all sheets from the approved design/construction plan set (cover sheet to last sheet including details).

_____ As-Built/Record Drawings shall contain all horizontal and vertical design information, sizes thicknesses, and material types of improvements shown on the design/construction plan set (even if unchanged during construction).

_____ All plan sheets shall have an Engineer/RLS seal per B.T.R. rules.

_____ Place "As-Built" or "Record Drawing" lettering and date in lower right hand corner of all sheets.

_____ Improvements deleted in the field shall be crossed out with an "x" and labeled "not built".

_____ Improvements changed from the approved design plans shall be reflected and clearly called out by "clouding".

_____ Plan sheets that represent improvements that were not changed from the approved design plans shall have "Per Plan" placed in the lower right hand corner.

Sanitary Sewer Plans

- _____ Improvements built exactly per design plan shall have the elevations/stations noted with parenthesis and marked "AB".
- _____ Stations for all manholes, cleanouts, services and lateral stub-outs.
- _____ Manhole pipe invert elevations (In and out) and manhole rim elevations shall be determined by field surveying.
- _____ Pipe lengths indicated on both plan and profile.
- _____ Longitudinal pipe slopes for all pipe segments.
- _____ Stations and length of pipe encasements.
- _____ Anode locations and tracer wire connection stations and cross ties to two permanent structures.

Water Plans

- _____ Stations of all water services including landscape and fire lines.
- _____ Stations of all fire hydrants.
- _____ Stations of all valve boxes, blow-offs, and air release valves. Stations of all bends and tees.
- _____ Profile view of all pipeline vertical alignments, including stations of all fittings, depth to finish grade, and pipe separation dimensions.
- _____ Stations and length of pipe encasements.
- _____ Horizontal cross ties to two permanent structures (fire hydrants, light poles, or power poles) for all valve boxes.
- _____ Anode locations and tracer wire connection stations and cross ties to two permanent structures.

Drainage Plans

- _____ Inverts for storm sewer pipes at inlets and manholes shall be determined by field surveying.
- _____ Longitudinal pipe slopes for all pipe segments.

Street/Trail Plans

- _____ Stations of all survey monuments.
- _____ Sleeve/conduit/casing types, sizes, locations and stations.

Street Lights and Traffic Signal Plans

- _____ Stations for all street illumination lights.
- _____ Locations of all traffic signal poles, cabinets, J-boxes and related conduits.
- _____ Abandonment of existing conduits and facilities.
- _____ Location of signage related to traffic signal.

Miscellaneous

- _____ Major (larger than 3") unexpected dry utility crossings of water and sewer mains
- _____ Unforeseen underground structures exposed during construction such as a vault
- _____ Exposed utilities, abandoned or not, shall be identified and as-built.