

**City of Goodyear
Engineering Inspections
As-built Information
January 17, 2020**

SUBMITTALS	ok
All plan sets submitted except SWPPP, if a separate plan, and private landscaping.	
Most current approved plans with amendments submitted	
1 Multipage 24"x36" PDF Document per plan set	
Minimum resolution of 600 dots/inch for PDF documents	
Signed and sealed by a Registered Professional Engineer, Registered Land Surveyor or Landscape Architect with the "ASBUILT CERTIFICATION" approval block	
Plans reflect changed field conditions	
Plans reflect any field changes to the plans.	
All required checks and changes noted with AB (as-built)	
GRADING	ok
Elevations provided at all drainage control points shown on the grading plans (i.e. retention overflow point, top and bottom of retention basins, drain rims, top of channels and channel flowlines, weirs, ultimate outfalls, top of curb elevation at lot outfalls, etc.)	
If included in the plans, retention volume table updated to as-built volumes.	
As-built volume on all retention basins.	
Location of all existing structures (e.g. buildings) provided	
Retaining wall locations and elevations	
Pad or Finished floor elevations	
If curb has been raised, has the pad/FF also been raised	
6:1 and 4:1 slopes are correct	
STORM DRAIN & IRRIGATION	ok
Street centerline station and offset dimension to the main at all changes in alignment and/or changes in grade (Station, Offset, & Elevation)	
All structures dimensioned (Station & Offset)	
Top, inlet and invert elevations for all structures	
DRYWELL	ok
The Engineer/Land Surveyor preparing the As-Built Grading & Drainage plans shall provide the ADEQ Registration Number for each drywell constructed in the project	
Latitude & Longitude for each drywell constructed in the project	
Top, inlet elevations for each drywell constructed in the project	
The completed Annual Drywell Inspection Report for each drywell constructed in the project	

WATER	ok
Street centerline station and elevation at all changes in profile/vertical alignment	
Street centerline station and offset to main at all changes in horizontal alignment	
Street centerline station and offset to all fire hydrants, valves, and fittings	
Centerline station and offset to each service tap and the size of tap.	
Dimension to all operating nuts referenced to the water main on valves with offset operating devices (i.e. butterfly valves)	
Dimension of meter box to nearest side property line if not per typical lot detail	
Street centerline stationing and offset to all other appurtenances (i.e., sampling stations, ARVs, blowoffs, backflow assys. landscape meters, etc.)	
Master Utility plan sheet updated to reflect any changes	
Indicate if polywrap was added to the pipe if not called out on plans.	
SEWER	ok
Sewer line station and offset from street centerline at center of each manhole	
Final Rim and invert elevation for each connection to a manhole	
Calculated pipe slope between manholes.	
Sewer line stationing at each service tap referenced from the closest downstream manhole	
If service is not installed at 90 degrees to main, station and offset provided to end of each service tap at the back of right-of-way	
Master Utility plan sheet updated to reflect any changes	
Minimum depth has been provided (6')	
Master Utility plan sheet updated to reflect any changes	
PAVING	ok
Longitudinal Street Grade calculated (per plan if approved < .4%)	
Station all grade breaks	
Changes in curb alignment	
Top of curb, gutter, and pavement centerline elevations at all grade breaks, curb returns, valley gutters.	
TRAFFIC SIGNALS	ok
Street centerline station and offset dimension to all fixture poles, cabinets, boxes, or other signal related equipment.	
Street centerline station and offset dimension to all innerconnect conduit runs, and junction boxes.	
SIGNING & STRIPING	ok
Street centerline station and offset dimension to all signage	
Face of curb dimensions to all striping and lane dimensions	
STREETLIGHT	ok
ID number noted on plan	
Street centerline stationing and offsets to pole locations	

Changes to locations referenced by street centerline station and offset	
LANDSCAPE	ok
Revise as needed to reflect the addition, removal, relocation or change of irrigation lines, plant materials or hardscape	
City maintain Irrigation water meter Identified	
City maintain Irrigation controller Identified	
City maintain landscape area Identified	
City maintain Irrigation valves Identified	
City maintain Irrigation valves Identified to what its Irrigating (shrub/trees/palms/cactus)	
City maintain Irrigation valves station numbered from the controller	
City maintain Irrigation Master valve Identified	
City maintain Irrigation Backflow Identified	
City maintain Power Meter pedestal Identified	
City maintain Irrigation water mains & Irrigation lateral line Identified	
City maintain Irrigation sleeves Identified	

INTERIM STORMDRAIN	ok
Street centerline station, offset, and invert elevation of pipe at all proposed structures	
Calculated pipe slope between structures	
INTERIM WATER	ok
Street centerline station and elevation at all changes in profile/vertical alignment	
Street centerline station and offset to main at all changes in horizontal alignment	
Street centerline station and offset to all fire hydrants, valves, and fittings	
Centerline station and offset to each service tap and the size of tap.	
Dimension to all operating nuts referenced to the water main on valves with offset operating devices (i.e. butterfly valves)	
INTERIM SEWER	ok
Sewer line station and offset from street centerline at center of each manhole	
Calculated pipe slope between manholes.	
Sewer line stationing at each service tap referenced from the closest downstream manhole;	
If service is not installed at 90 degrees to main, station and offset provided to end of each service tap at the back of right-of-way	

(Station, Offset) designates centerline data