



**Public Works Department**  
**Engineering Services**  
 16000 North Civic Center Plaza  
 Surprise, Arizona 85374  
 Phone 623-222-6150  
 Fax 623-222-1701

**PROJECT SUBMITTAL DATA:**

<b>Project Name</b>	Greulich's Automotive
<b>Project Location</b>	16641 W Bell Rd.
<b>Submittal Type</b>	1 <sup>st</sup> Review
<b>Case Number</b>	FS16-320
<b>Date</b>	August 5, 2016
<b>Reviewed by</b>	Dan Shaffer
<b>Contact Info</b>	623-222-7039, daniel.shaffer@surpriseaz.gov

**GENERAL**

1. If these two sheets are to be together in one set then provide a cover sheet as called out in Chapter 9 of the City of Surprise Engineering Development Standards. The cover sheet may contain general notes, approval lines, benchmark, basis of bearing and vicinity map.
2. Prepare this plan per the guidelines found in Chapter 9 of the City of Surprise Engineering Development Standards. The following is a partial list of what is found in the guidelines, which applies to this plan.

**GRADING AND DRAINAGE PLAN**

1. The notes on the left of the sheet are for water and sewer, and are titled Drainage Report. Provide appropriate notes and callouts for a grading and drainage plan.
2. There are callouts for water and sewer on the plan. Show these on the appropriate plan.
3. Provide limits of work south of the building, in the parking lot.
4. Provide existing curb, gutter, sidewalk and limits of removal. Provide callouts to match existing and provide spot elevations.
5. Verify the interceptor location vs. what is shown on the site plan.
6. Provide spot elevations south of the building, in the existing parking lot, to verify flow.
7. Provide appropriate City of Surprise Engineering notes.
8. Provide City of Surprise Engineer approval line and text.
9. Provide EPCOR approval line.
10. Provide Engineer's seal.
11. Provide a vicinity map.
12. Provide City approved benchmark.
13. Provide basis of bearing.
14. Provide callouts and notes for sidewalk, curb and gutter, ramps, and paving.
15. Provide lot boundaries with dimensions.
16. Clarify existing vs. proposed.
17. Provide site square footage.
18. Provide contours.
19. Provide the address.

20. Remove “CR16-244” from the lower right of the sheet.
21. Maintain 1’ minimum clearance between sidewalk and obstruction in the island south of the building.

## **WATER PLAN**

1. Prepare this plan per the guidelines found in Chapter 9 of the City of Surprise Engineering Development Standards.
2. Verify the interceptor location vs. what is shown on the site plan. Provide pipe in and out, with invert elevations.
3. Provide the size of the interceptor.
4. Provide Engineer’s seal.
5. Provide callout and note for the interceptor.
6. Provide boundaries with dimensions.
7. Clarify existing vs. proposed.
8. Provide address.
9. Provide appropriate City of Surprise notes and what is required by EPCOR.
10. Note: EPCOR approval of this plan is required prior to issuance of civil permits by the City of Surprise.
11. Remove “CR16-244” from the lower right of the sheet.

### **Notes:**

- **Prior to resubmittal, please ensure review comments provided by the Planning Project Coordinators for other plans (such as Final Plat, Site Plan, Landscape plans, etc) do not affect the civil plans. Failure to do so can result in a delay in approval times due to lack of plan coordination.**
- **Refer to attached redlines for additional comments**
- **Return redlines, two (2) revised bond copies and written response with next submittal**
- **Upon improvement plan approval, an approval letter will be sent to the applicant to provide permit requirements. The typical information requested includes, but is not limited to, additional copies of improvement plans (with applicable signatures from other agencies), electronic CAD files, dust control permits, NOI/ATC documentation (if applicable), contractor contract information and business licenses, financial assurance documents (if applicable), and a request for a cost estimate (broken out by permit type).**
  - a. **Anticipated permit types for your project include:**
    - i. **Fire – Fireline FDC**
    - ii. **Grading**