Low Slope Sewer Installation
Owner Advisory and Authorization

THIS FORM IS NOT OFFICIAL UNTIL COMPLETED AND ACCEPTED BY

THE CITY OF PHOENIX

Project Number:	Date:
Owners Name:	
Project Address:	

Owner acceptance of low slope sewer per professionally engineered design:

The Plumbing Code establishes minimum slopes for onsite building sewers. Due to site conditions, which make standard pipe slopes impractical or impossible, a Professional Engineer has proposed a slope which is less than standard minimum pipe slopes. In full recognition that this alternative proposal may result in increased maintenance and operating costs, I, as owner, am willing to accept this non-standard installation.

Dated: _____ Signature of Owner: _____

State of: _____ County of: _____

Subscribed and sworn before me this _____ day of _____, 20_____

by _____.

Notary Public: _____

My Commission Expires: _____

Seal

Professional Design Engineer's Statement, Seal, and Signature:

In my professional opinion, the alternative building sewer installation proposal submitted with this request will perform satisfactorily, will achieve the objectives of those Plumbing Code Sections applicable to sewer installations, and will do so with a minimal increase in maintenance requirements. The installation and inspection of this sewer will be under my supervision.

Seal

Signature: _____ **Date:** _____

For more information or for a copy of this publication in an alternate format, contact Planning & Development at 602-262-7811 voice or TTY use 7-1-1.

Statement of Compliance:

I certify that the alternative sewer design, as submitted, was installed, inspected, and is compliant with both my alternative professionally engineered design and all other applicable code sections regarding sewer pipe sizing, bedding, materials, cleanouts, backfilling, etc.

Seal

Signature: _____ **Date:** _____

LOW SLOPE SEWER INSTALLATION CERTIFICATE PROCEDURE

The 2018 Uniform Plumbing Code (UPC) Section 718.1 and the 2018 International Plumbing Code (IPC) Section 704.1 require a minimum slope of one-fourth (1/4) inch per foot of horizontal run. If sewer slopes are proposed which are less than UPC or IPC approved values, an Owner Advisory and Authorization for Low Slope Sewer Installation Certificate is to be approved by the Planning & Development Department (P&D) and Special Inspection is required by the professional design engineer. Additionally, there will be P&D inspections to determine whether the pipe sizing, cleanouts, material, support, alignment, and transition methods utilized by the installer are code compliant.

1. Provide substantial documentation justifying why it is impossible to provide code compliant grades for the building sewer lines and justify why the proposed low slope sewer design should be considered an equivalent alternative to the UPC or IPC, lift station, lowering of sewer taps, or other.

2. If P&D concurs with your written justification for a low slope sewer, you may complete and submit an Owner Advisory and Authorization for Low Slope Sewer Installation Certificate. A blank form may be obtained from the plan reviewer, field inspector or office staff.

3. Complete the job information boxes on the form including project number, date, owner's name and project address.

4. Provide a notarized signature of the project owner at the *Owner acceptance of low slope per professionally engineered design* portion located on the form. If an agent for the owner is to sign (and notarize), a notarized power of attorney by the owner shall be attached to the certificate.

5. The professional design engineer is to date, sign and seal the *Professional Design Engineer's Statement, Seal and Signature* portion of the form.

6. Make a photocopy of the partially completed Low Slope Sewer Installation Certificate at this point and provide it to the plan reviewer, field inspector or other P&D personnel you are working with for their approval.

7. After approval is granted by the plumbing plan reviewer, plumbing field inspector or other P&D personnel and permits are obtained, you may proceed with the installation of the low slope sewer. ***Do not backfill any piping without Field Inspector approval.***

8. When the sewer is installed and trenches are open, the professional design engineer who signed the original certificate or his delegate shall perform a visual inspection of the sewer and confirm the alignment and grades proposed. When the professional design engineer is satisfied with the installation the Statement of Compliance section on the original form shall be dated, signed and sealed by the professional design engineer. Verify with the Plumbing Field Inspector at this time if it will permissible to backfill the trench.

9. The completed document will be treated as a Special Inspection Certificate. A copy shall be returned to P&D for our permanent records prior to Final Inspection, Certificate of Completion or Certificate of Occupancy of the project.