



May 30, 2024

Infrastructure Design Manual
Table 9.4, Note 2

To All Interested Parties:

The 2023 edition of the City of Houston Infrastructure Design Manual (IDM) was effective November 27, 2023. The manual is being updated to reflect changes to stormwater detention requirements.

The update addresses and clarifies Note 2 from Table 9.4 – Detention Volume for Criteria 2 for tracts with SFR Developments with direct driveway access, joint access, shared access, courtyard access drive or multi-unit residential (MUR) Development.

Please keep in mind that the purpose of IDM is to establish the basic criteria from which engineers can design infrastructure in a manner acceptable to the Department and is not intended to address all design conditions or specialized situations. A supplement to the City's IDM is attached and is effective immediately.

Respectfully,

DocuSigned by:

Richard P Smith

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Richard P. Smith, P.E., PTOE, CFM, ENV SP
Interim City Engineer/Interim Director
Houston Public Works

Attachment:
IDM Supplement, Table 9.4 Note 2

IDM Table 9.4, Note 2**STORMWATER DETENTION**

The following supplement modifies IDM Chapter 9. Where a portion of the IDM is deleted by this Supplement, the unaltered portion of the IDM shall remain in effect.

Delete existing Note 2 of Table 9.4 – Detention Volume for Criteria 2 and replace with the following:

- (2) No Sheet Flow shall be permitted to an alleyway, neighboring properties, or a ditch. For projects using Table 9.4, a subsurface drainage system with one shared outfall is required. A point of connection shall be through a minimum 24-inch RCP inside diameter or equivalent cross-section described in 9.2.01.C.4.a. A separate project, plan and profile shall be submitted to OCE for storm outfall approval.

For SFR Developments that are 15,000 SF or less with joint access, shared access, courtyard access drive, and MUR Developments: A 4-inch schedule 40 pipe curb cut or 12-inch schedule 40 pipe connection to the roadside ditch is allowed only if a curb or ditch is directly fronting the Development.

END OF SUPPLEMENT

To be included in the next publication of the Infrastructure Design Manual.

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5/30/2024

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Date