

Hidalgo County Drainage District No. 1 Drainage Report Checklist

Subdivision: _____

Date: _____

- | | |
|---|--|
| <input type="checkbox"/> Cover Sheet
<input type="checkbox"/> Firms Name
<input type="checkbox"/> Title
<input type="checkbox"/> Prepared By | <input type="checkbox"/> Date
<input type="checkbox"/> Engineering Seal |
| <input type="checkbox"/> Index | |
| <input type="checkbox"/> Drainage Report Narrative Write-up
<input type="checkbox"/> Engineering Seal
<input type="checkbox"/> Project Location description (City/ETJ)
<input type="checkbox"/> Flood Plain (FEMA info)
<input type="checkbox"/> Soil Conditions: Map symbol, Soil Name, Group and Unified Class
<input type="checkbox"/> Existing Conditions
<input type="checkbox"/> Pre-Development 10-Yr CFS
<input type="checkbox"/> Flow Direction & Outfall Location | |
| <input type="checkbox"/> Proposed Conditions
<input type="checkbox"/> Proposed Use
<input type="checkbox"/> Post-Development 50-Yr CFS or greater as required by municipality
<input type="checkbox"/> Increase Q (CFS) rate
<input type="checkbox"/> Detention volume (cf and Ac-ft)
<input type="checkbox"/> Outfall location and owner | |
| <input type="checkbox"/> Project Location map | |
| <input type="checkbox"/> USGS Topographical Map w/ runoff pattern | |
| <input type="checkbox"/> Hydraulic Calculations
<input type="checkbox"/> Title
<input type="checkbox"/> Engineering Seal | |
| <input type="checkbox"/> Hydraulic Calculation | |
| <input type="checkbox"/> “C” Values for Method | |
| <input type="checkbox"/> Rainfall Intensity for Hidalgo County | |
| <input type="checkbox"/> Flood Zone Designation
<input type="checkbox"/> Community Panel
<input type="checkbox"/> Site Location on FIRM Map
<input type="checkbox"/> Compensatory Excavation | |
| <input type="checkbox"/> Flood Zone
<input type="checkbox"/> Zone Description | |
| <input type="checkbox"/> FEMA Est. BFE Flood Risk Information Report | |
| <input type="checkbox"/> Soil Survey (3 pages max)
<input type="checkbox"/> Properties of Soil | |
| <input type="checkbox"/> Site location on Soil Survey | |
| <input type="checkbox"/> Set of Plans
<input type="checkbox"/> Proposed Plat in clear pdf
<input type="checkbox"/> Drainage Design in clear pdf | |
| <input type="checkbox"/> Drainage Area Map w/ Pipe Calculations | |
| <input type="checkbox"/> Voluntary Annexation Petition (if not annexed) | |

Hidalgo County Drainage District No. 1 drainage requirements:

1. All drainage systems will require an outfall (No Retention Ponds Allowed)
2. Drainage systems include inlets, pipes, outfalls, etc. to be sized as per calculations.
3. Drainage outfalls to be a minimum of 24 inches.
4. Storm systems discharging into non-HCDD No. 1 ditches are to meet outfall choke and/or permit requirements.
5. Drainage system and detention ponds are to be installed during platting process (No longer allowing postponement of detention system for building permit/construction phase)
6. Sites located in Flood zones and within City limits will require Base Flood Elevation (BFE) to be noted in the report and acknowledging from the City that the subdivision will not require a LOMR-F for the entire subdivision.
7. Sites located in low-lying areas and outside of City limits will require Base Flood Elevation (BFE), Letter of Map Amendment (LOMA) or Letter of Map Revision (LOMR), and an Engineering Impact study.
8. If adjacent to a ditch, Right-of-way dedication will be required either 75' from the center of the existing ditch or 75' from the property line whichever is greater.
9. HCDD No. 1 Voluntary Annexation Petition Packet for development of sites on Planned Service Area

Review Notes:

- 1.