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EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT

MASTER DEVELOPMENT DRAINAGE PLAN (MDDP)

Revised: January 2022

MDDP REPORT

The purpose of the MDDP is to identify major drainageways, ponding/detention areas, and locations of culverts, bridges, open channels and drainage areas that are tributary to and downstream of the proposed development. Phased developments greater than 10 acres must submit a MDDP. The MDDP should present alternate solutions to drainage problems, which may have been identified by the Drainage Basin Planning Study. The ability of downstream drainage facilities to pass developed runoff from the proposed development must be thoroughly analyzed in the MDDP.

		Applicant	PCD
	Please confirm each item below has been included by placing a check mark in the "Applicant" column. See right for an example. The "PCD" column is for office use only.	✓	Office use only
1	Table of contents, pages numbered		
2	Location and description of the proposed development area		
3	Vicinity map showing the subdivision in relation to section lines and existing or proposed arterial or collector roadways.		
4	Proposed land use acreage and type of development		
5	Description of properties and features adjacent to the site		
6	Description of drainage basins and subbasins		
7	Address DBPS recommendations if applicable		
8	Calculations for design peak flows from all offsite tributary drainage areas and narrative description		
9	Calculations for design peak flows from all onsite drainage areas and narrative description		
10	Discussion and analysis of existing and proposed downstream facilities		
11	Discussion of drainage problems anticipated within and downstream of the development and proposed solutions		
MDDP plans shall include a minimum of:			
1	Historic and developed condition plans showing the entire development and offsite contributing areas		
2	Drawing scale of 1"=50' to 1"=400' as appropriate		
3	All floodplains identified (FEMA, existing and developed conditions)		
4	Existing topography		
5	Location and approximate size of open channels, bridges, culverts, storm sewers, ponds and ponding areas		
6	Identification of all drainage basins and sub-basins tributary to the development		
7	Identification of drainage basins and sub-basins within the development		
8	Location and identification of all streets classified higher than residential		