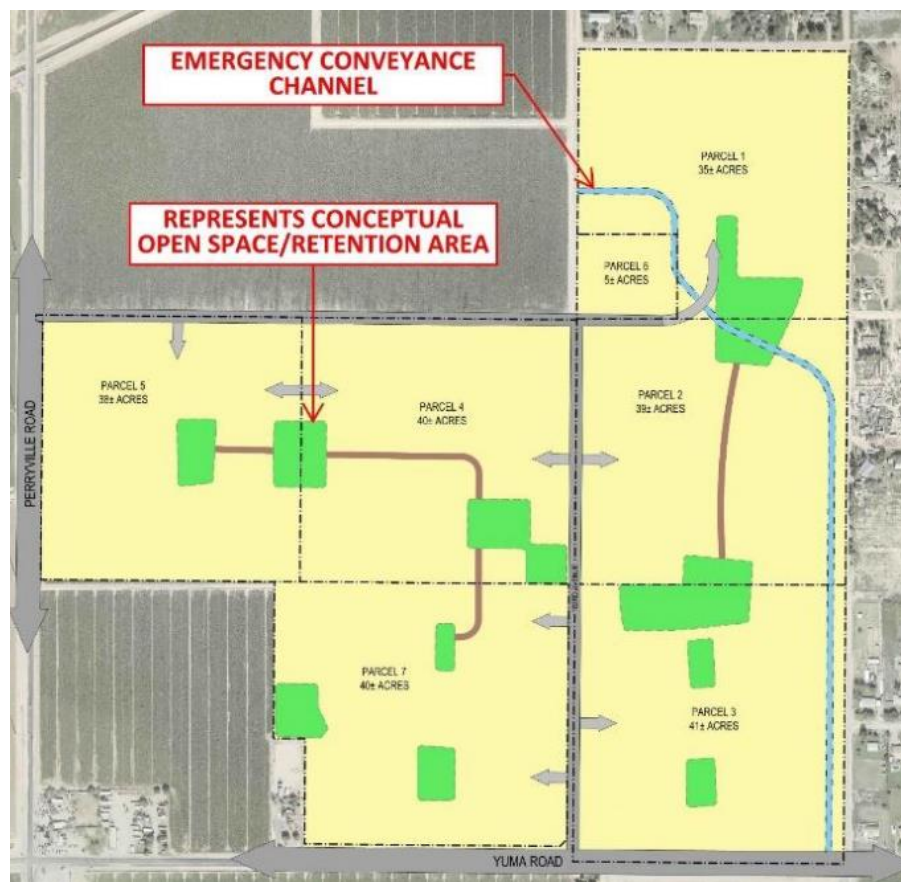


Drainage:

A regional flood control system, referred to as the “emergency conveyance channel”, is proposed to convey offsite stormwater runoff from north of the project site through various planned developments in West Goodyear. In the ultimate condition, when La Privada – Parcels 1-7 and other planned developments in the area (Amber Meadows to the north, Paseo Place to the south) are constructed, the emergency conveyance channel will pass through the development to the north, will be conveyed into the site on the west side of Parcel 1, will meander to the east side of the project, and flow south to the downstream limit of the La Privada – Parcels 1-7 project, will be conveyed under Yuma Road by a RCBC, and will continue through Paseo Place at the SE corner of 183rd Avenue and Yuma.

The project drainage concept proposes to convey on-site runoff through streets, storm drain, and scuppers to retention basins. In the event of a storm in excess of the design storm, the site will be designed to allow excess flows to be safely conveyed through streets and open space tracts to the downstream end of the site. The proposed project will demonstrate compliance with the Drainage Design Manual for Maricopa County, Volumes I and II (DDM) and the City of Goodyear Engineering Design Standards and Policies Manual 2017 (EDS). Pursuant to the EDS, Section 3.3.5.A.1.a, the 100-year, 6-hour design storm runoff volume and 100-year peak flow shall be retained onsite. The project proposes to retain the 100-year, 6-hour storm event within surface retention basins.



La Privada Conceptual Drainage Map