

City of Mesa Fire and Medical Station No. 224

Project Narrative

The proposed new Fire Station No. 224 is located at 3444 S. 80th St. on a portion of the 2.01-acre parcel. The single-level, approximate 11,800 sf Fire Station consists of 3-Apparatus Bays, 10-dorms, staff bathrooms, dining, kitchen, day room, fire fighter's crew office, captains offices, laundry, EMS storage, workshop, turn-out room, decon room, job task conditioning room, misc. storage rooms, and general building support areas such as janitor, IT, electrical, mechanical, and fire riser rooms; as well as, exterior covered patio and covered entries.

This station will represent the implementation of a Department-Wide station prototype. The exterior architectural style is based on existing Mesa Fire Station 221. The proposed design emphasizes simple massing and detailing; incorporating exposed, textured masonry with metal panels at select areas. Low slung roof lines at public entry and over apparatus bays ensures that the scale of the station will fit in with the existing building typology. The overall design of the building addresses all orientations equally, providing quality 4-sided architecture with a strong street presence, easily identifiable entry and an appropriate scale for the surrounding community.

The site design provides a shared public/staff ingress drive with the public parking along the frontage of the public entry. An additional staff drive is proposed along the north portion of the site to facilitate apparatus and staff vehicle circulation. Site fencing will primarily consist of 6ft high CMU walls and a 6ft high rolling gates. Landscaping is currently proposed primarily at the street frontages with the 'back of house' being minimal landscaping as an amenity for the staff patio. The landscape at the street frontage will be desert planting from the approved City of Mesa standards. Retention is proposed along the perimeter of the site and will be finished with d.g. and landscaping as occurs.

Alternative Landscape Plan

Due to the nature of the facility the project team is proposing an alternative landscape plan requesting reduction of the landscape islands at the 'back of house' to 0ft. Design principles being incorporated into the design include an innovative approach to landscape at areas where trees will provide shade to outdoor functional spaces such as the patio. Combining water efficient plantings as well as a selection of plants that are compatible with the surrounding uses while their selection being based on longevity and ensuring that full growth does not cause any issues with the operations of the fire station.