



City of Las Vegas Fire Station #48



Project Description

Throughout the valley, Las Vegas has strategically positioned fire stations for the safety of the community. Martin & Martin has played a key role in helping develop some of these stations.

Specifically for the City of Las Vegas Fire Station #48, M&M services included civil engineering design, construction plans and specifications which involved surveying, coordination with geotechnical, mechanical, plumbing and electrical consultants, drainage study, utility coordination, drive and median relocations, LEED analysis, cost estimates and contract document assembly. The project also had to comply within Town Center Development Standards.

The scope of work included providing overall site improvement plans for the construction of the new City of Las Vegas fire station, including plan set preparation from preliminary through 100% design. Plans encompassed both on-site and off-site civil improvements for roadway, grading, storm drain, utilities, traffic striping and signing, and street lighting. Plans also involved design of roadway horizontal and vertical control, plan and profile, right-of-way and design for culvert and storm drain lateral connections to existing drainage facilities. Flasher signal design, signage and striping designs and intersection analysis was also provided.

Martin & Martin has also provided site civil engineering services for City of Las Vegas Fire Stations #3, #106, #107, & #108 and City of Henderson Fire Station #3.

Owner

City of Las Vegas – Fire Department

Location

9133 Elkhorn Road
Las Vegas, NV 89149

Size of Project

2.16 Acres

Estimated Project Construction Costs

\$4.5 million

Services Performed

Technical Drainage Study (TDS), Detailed Grading Plans, Sanitary Sewer, Water Main, Private Roadway Design, Public Roadway Design, Water Network Analysis, Sewer Collection System Analysis, Signal Design, On-Site Circulation Analysis, Construction Admin., Spec Writing, Construction Docs, As-Built Docs, Value Engineering, LEED

