

Jerome D. Mack Middle School #1505

Clark County School District



The project consisted of a middle school campus with five single-story school buildings, basketball, tennis and volleyball courts, softball and soccer fields, and associated facilities, parking and driveways. There were half-street improvements built as required by Clark County. The



The school buildings consisted of concrete masonry walls, concrete slab-on-grade floors, and steel columns. The elevations of the existing grades within the proposed building envelopes range from 1780 feet in the southwest corner to 1768 feet along the



eastern building line - a difference of 12 feet. If the finish floor were established at 1780 feet, there could be up to 12 feet of fill to create the building pads. The total relief across the site is approximately 26 feet (Elevation 1781 in the southwest corner, and Elevation 1755 along the eastern property boundary). Maximum 10-foot high CMU retaining walls are planned in many areas of the school campus. Structural loads were not available at the time of writing this report. They are expected to be typical of this type of construction. Our scope included providing observation and testing services to include earthwork, concrete, masonry and structural steel. Total construction cost was estimated at \$20 million.

