

# 1996 G. O. BOND ISSUE NEW MAINTENANCE FACILITY

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## HIGHLIGHTS:

- **Client: City of Nichols Hills, OK**

Mr. David Poole, City Manager  
6407 Avondale Drive  
Nichols Hills, OK 73116  
Tel.: 405/843-6637

- **Project Year: 1997**
- **Project Cost: \$484,533.00**

As City Engineer, members of our staff were totally responsible for the New Maintenance Facility for the City of Nichols Hills including investigation and development, design, bidding, funding, inspection and contract administration.

Upon determination of the scope of the project, members of our staff prepared a cost analysis to determine the scope of the project.

Topographical survey was conducted and plans and specifications were prepared.

Members of our staff provided experienced construction administration including amendments and change orders. Upon completion of the project, as-built plans were prepared and provided to the City.



# OKLAHOMA CHRISTIAN UNIVERSITY BASEBALL FIELD

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## HIGHLIGHTS:

- **Client: Oklahoma Christian University**

Mr. Jay Jones  
2501 E. Memorial Rd.  
Edmond, OK 73013  
Tel.: (405) 425-5149

- **Project Year: 2007**

Our staff was responsible for the site construction plans related to the Oklahoma Christian University Baseball Field in Edmond, Oklahoma.

Topographical surveys were conducted and site construction plans were prepared including:

- Topo Map
- Site Plan
- Grading Plan
- Erosion Control Plan
- Stormwater Pollution Prevention Plan
- ODEQ's Notice of Intent
- ODEQ's Land Disturbing permit

Members of our staff also provided experienced construction administration including utility coordination on an as-needed basis.

Upon completion of the project, as-built plans were prepared.



# OU MEDICAL CENTER EXPANSION/RENOVATION

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## HIGHLIGHTS:

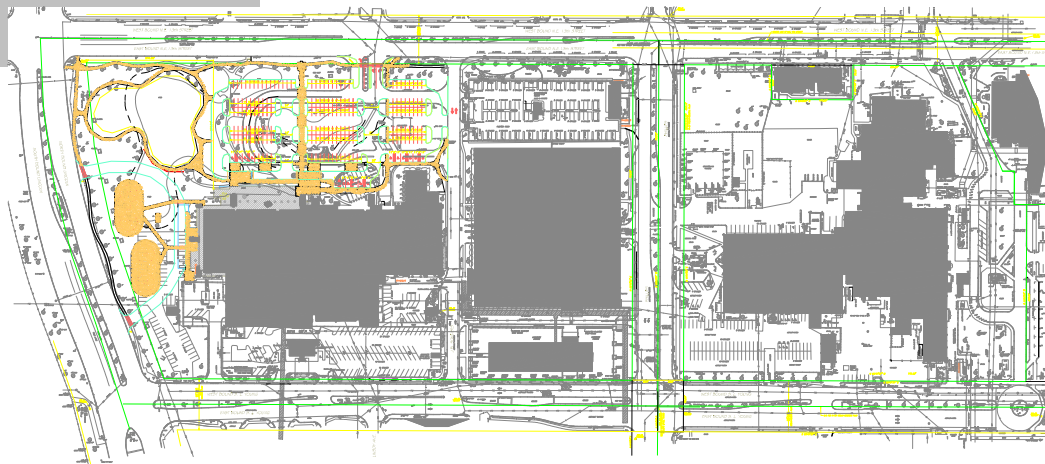
- **Client: Perkins & Will / CRA**

6200 N. Central Expressway  
Dallas, TX 75206  
Tel.: 214/775-6200

- **Project Year: 2003**

As Engineering Consultant for Perkins & Will, our staff was totally responsible for due diligence and site development plans for the design of the OU Medical Center Expansion / Renovation in Oklahoma City, Oklahoma.

As part of the design-build team, our staff designed site improvements to meet not only the client's requirements, but also the City of Oklahoma City's criteria. The site grading, paving, utilities and storm water management improvements were coordinated with the City as well as the owner's architect.



# BRICKTOWN POLICE STATION

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## HIGHLIGHTS:

- **Client: The Small Group, LLC**  
**Ms. Mary Rasch**  
**125 N. E. 38<sup>th</sup> Terrace**  
**Oklahoma City, OK 73105**  
**(405) 840-1111**
- **Project Year: 2005**
- **Project Cost:**  
**\$2,203,984**



Asphalt paving was used with concrete curbs. All subgrade was modified and compacted in accordance with the soils investigation report. Asphalt thicknesses varied from approximately 5 inches in the parking areas to 7 inches in the drive immediately east of the new building.

The subject site has approximately 440 feet of frontage along Main Street with an average depth of approximately 120 feet. The site consists of 53,321 square feet.

The majority of the “railroad height” abandoned building was razed. All land with the exception of the portion of the remaining building was cleaned and prepared for the new building pad and parking lots. Existing utility structures and poles were protected during construction.

The Site Plan allowed for 28 “gate-controlled” spaces east and north of the building with an additional 20 public spaces (street parking) south of the building. Vehicles pull into the individual spaces from westbound Main Street. Controlled parking surrounds with a combination of black vinyl mesh fence on the North and a wrought iron fence with brick pillars on the East and West.

The City of Oklahoma City also had a companion project being designed at the same time, known as PC-0272, Main Street Improvements. Project aspects coordinated between the two projects included street parking construction, storm sewer inlet relocation, street light relocations, burying overhead utility lines and gas line relocation.

A storm water pollution prevention plan was prepared to indicate the utilization of silt fencing, rock bags and gravel construction at ingress and egress points. A Notice of Intent was filed with the State Department of Environmental Quality prior to commencement with land disturbing operations.

The site was relatively flat, with a slight slope in the southerly direction toward Main Street. The south 20 feet of the site drained to Main Street. The remainder of the site drainage was collected in catchments and piped to an existing storm sewer on the premises. The grading of this project was coordinated with the Main Street improvement project.

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# SOUTHWESTERN OKLAHOMA STATE UNIVERSITY WELLNESS/FITNESS CENTER

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## HIGHLIGHTS:

- **Client: Southwestern OK State University (SWOSU)**

Mr. Rick Skinner, Physical Plant Dir.  
100 Campus Drive  
Weatherford, OK 73096-3098  
(580) 774-3788

- **Project Year: 2006**
- **Project Cost: \$4,000,000.00**

Research data was compiled and field work was completed to establish horizontal and vertical control and to identify topographic features for the construction of the new southwestern Oklahoma State University Wellness-Fitness Center.

Geotechnical investigation was performed including a subsurface exploration report.

A determination of public and private utility locations was made and a pedological survey was done including a determination of hydrologic and hydraulic design, design alignments, and proposed variations in the scope of the project.

Possible impacts of scope changes and utility relocations were determined. Preliminary design plans were prepared and the de-

sign impact on existing utility was determined. An updated estimate of costs was prepared and also a plan-in-hand was held. A site plan was prepared along with drainage analysis and design.

Final design plans and specifications were then prepared along with a final cost estimate. Assistance was given during the construction process, coordination progress information with the City of Weatherford, Contractors, Engineer and Owner.



# UNIVERSITY OF CENTRAL OKLAHOMA WANTLAND FOOTBALL STADIUM

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## HIGHLIGHTS:

- **Client: University of Central Oklahoma (UCO)**

Mr. David Stapleton  
A & E Services  
100 N. University Dr.  
Edmond, OK 73034-5209  
Tel.: (405) 974-2576

- **Project Year: 2003**
- **Project Cost:  
\$1,900,000.00**

As Engineering Consultant for the University of Central Oklahoma (UCO), our staff was responsible for providing design for grading, drainage, structures, concrete retaining wall and concrete sidewalk in addition to construction observation for the turf improvements project at Wantland Football Stadium at the UCO Campus in Edmond, Oklahoma.

In addition to providing construction plans and specifications our staff provided Inspector's Diaries for each day of the project showing work completed, equipment on site, etc.

