



**TRI-COUNTY**  
Engineering Consultants

OWNER / CLIENT  
EMINENCE HOMES, LLC  
BADDIE HANNA  
PRESIDENT  
586-376-9909

PROJECT START - END  
SEPT 2015 – ONGOING

PROJECT COST  
\$3,000,000

KEY PERSONNEL  
SERMED K. SAIF, PE

PROJECT NO.  
MAC423



CIVIL



48701 Hayes Road  
Shelby Twp, MI 48315

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## PROJECT PROFILE

### STERLING WEST CONDOMINIUMS DEVELOPMENT CITY OF STERLING HEIGHTS, MACOMB COUNTY, MICHIGAN

#### BACKGROUND

Eminence Homes acquired a land in the heart of the City of Sterling Heights who is experiencing fast development and great deal of residential growth. The proposed development is planned for detached condominium subdivision.

#### LOCATION

The proposed development is located west of Dequindre Road north of 19 Mile Road.

#### SCOPE

Performed topographic/boundary survey, prepared the design work for subdivision improvements, prepared the construction documents for bidding, and obtained all necessary permits from government agencies having jurisdiction (City of Sterling Heights, MDEQ, Road Commission for Oakland County, Macomb County,...etc.). Also provided construction engineering services including contract administration, construction layout, observation, construction testing coordination, record drawings, and easement preparation.



The Civil design consisted of 8 residential unit sites, 300 lineal feet of 10" public sanitary sewer, 400 lineal feet of 8" public watermain, 1,000 lineal feet of 12" storm sewer, 15,000 square feet of concrete public road, 5,000 square feet of concrete sidewalks, 800 lineal feet of concrete curb & gutter, ADA ramps, pavement markings, soil erosion control and restoration.

#### SPECIAL FEATURES

The work included enclosure of existing public Macomb County drain and extension of a 48" concrete storm sewer that involved dedicating public storm easements and coordination with Macomb County Office of Public Works and Road Commission of Oakland County. Also, rezoning and variance applications were necessary for the proposed development.

