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**Customer**  
Mehl Electric

**Construction Manager**  
Skanska

## PROJECT:

## Meadowlands Xanadu Mall

Electrical Layout



### Building Type

Retail and Entertainment Mall approximately 4.8 Million Square Feet. A \$2.3 billion project in East Rutherford, NJ.

### Scope

Layout of complicated non-geometric reflected ceiling lighting plan.

Theometrics assisted Mehl Electric with the layout of the reflected ceiling lighting plan at their Xanadu Mall project. Mehl supplied shop drawings that the Theo Tech team then used to assist with the automatic layout of the light positions.

“It would have taken two men at least four days of solid layout for the area that Theometrics was able to layout within four hours.”

Chris Neborski, Assistant to the President of Mehl Electric stated, “We spent seventeen office hours figuring out a method of accurately laying out the complex arrangements of lighting and preparing the shop drawings in CAD. In our best estimate, it would have taken two men at least four days of solid layout for the area that **Theometrics was able to layout within 4 hours**. Plus Theometrics was dead-on and they were able to show us within ten minutes that the axis line was off by 1 inch! We saved time, plus we have the assurance of knowing that our layouts are absolutely accurate.”

### Theometrics Benefits

- Faster, more accurate As-Built Studies and Construction Layout & Decision Making
- Risk Management and Quality Control
- Document As-built conditions and create Red Lined drawings automatically as work is completed
- Facilitate execution of the most complicated layout jobs
- Maintain Construction Schedule
- Control Drawing Version Management
- Complete Audit Trail
- Conflict Identification Tool

Conventional layout method = 64 hours

Theometrics layout= 4 hours

