

# *SEA-MW*

## STRUCTURAL ENGINEERS ASSOCIATION OF METROPOLITAN WASHINGTON

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YMG Chair:	Christian Parker, PE



## **Meeting Minutes - #229**

### **March 15, 2023**

**In-Person Meeting**  
**Seasons 52 – North Bethesda, MD**

## Meeting Agenda:



6:30 PM – Business meeting called to order by Michael Zajac

7:00 PM – Presentation: Mat Foundations 101

9:15 PM – Adjourn

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Item 1: January 2023 Main Organization meeting minutes unanimously approved.

Item 2 - Financial Committee:

- MO balance - \$44,000.
- YMG balance - \$6,500.

Item 3 - NCSEA:

- Working with NCSEA on the “We see above and beyond” campaign.
- Goal is to enhance awareness of our profession.

Item 4 - Membership committee:

- Member firms in good standing: 70
  - Structural: 59
  - Affiliate: 11

Item 5 - Awards & Gala Committee:

- Gala was a success.
- Awards Gala committee did a great job, make sure to let them know.

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### Item 6 – SE3 Committee:

- Christian Parker discussed upcoming events
- Encouraged others to join the May 30 “Meeting in the Middle” program

### Item 7 – Young Members Group:

- Walking tour/happy hour coming up

### Item 8 – Outreach Committee:

- Just getting started and open for others to join

### Item 9 – Sustainable Design Committee:

- Just getting started and open for others to join

### Item 8 – Rebuilding Together:

- Rebuilding Together will be the last week in April.
- House is located in DC
- Still room to sign up.

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March 15, 2023 Program:

# Mat Foundations 101



## SPEAKERS:

- Rose Rodriguez, SE, PE – BKV Group
- Josh Woolcock, PE – SK&A Engineers

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March 15, 2023 Program:

# Mat Foundations 101



## PROGRAM HIGHLIGHTS:

- Reviewed various types of foundation systems
- Discussed reasons to select a mat foundation
- Reviewed historic and modern analysis techniques for mat foundations
- Discussed the required design aspects for mat foundations
- Reviewed mat foundation examples in Washington DC and Philadelphia, PA

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March 15, 2023 Program:

# Mat Foundations 101



## PROGRAM HIGHLIGHTS (continued):

- Additional Mat Foundation Considerations:
  - Steps in Mats
  - Waterproofing
  - Hydrostatics
  - Mass Concrete
  - Plumbing
  - Settlement
  - Costs Fluctuations and Economy

Program concluded at 9:15 PM.

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