

National Concrete Masonry Association (NCMA) SRW Best Practices Guide

"The creation of this resource was driven by the establishment of NCMA's Zero Failures Initiative: an industry-wide program to educate owners, designers, site civil engineers, geotechnical engineers and installers."

Preface Excerpt: NCMA SRW Best Practice Guide

Guide Overview

- Assigns Roles & Responsibilities for the Site Civil Engineer, the Geotechnical Engineer, the SRW Design Engineer as well as the Owner.
- Limits Contractor-Driven Designs
- Clearly Defines Material Qualifications and Certification Processes
- Addresses Fill Materials, Compaction and Other Construction Considerations

Recommendations

- SRW Best Practices Guide recommends that the wall contractor not be responsible for securing the SRW design and engineering services or perform the quality assurance activities.
- NCMA endorses the FHWA guidelines [NHI 024-025] that states geogrids must meet the following minimum criteria:
 - ◆ Molecular weight greater than 25,000 g/mol
 - ◆ Carboxyl End Group less than 30 mmol/kg
- Best Practices Guide also recommends that only geosynthetic reinforcement that has obtained a NTPEP evaluation be used. Ask your geogrid source and specifying engineer for certifications of raw materials and current NTPEP Evaluation.



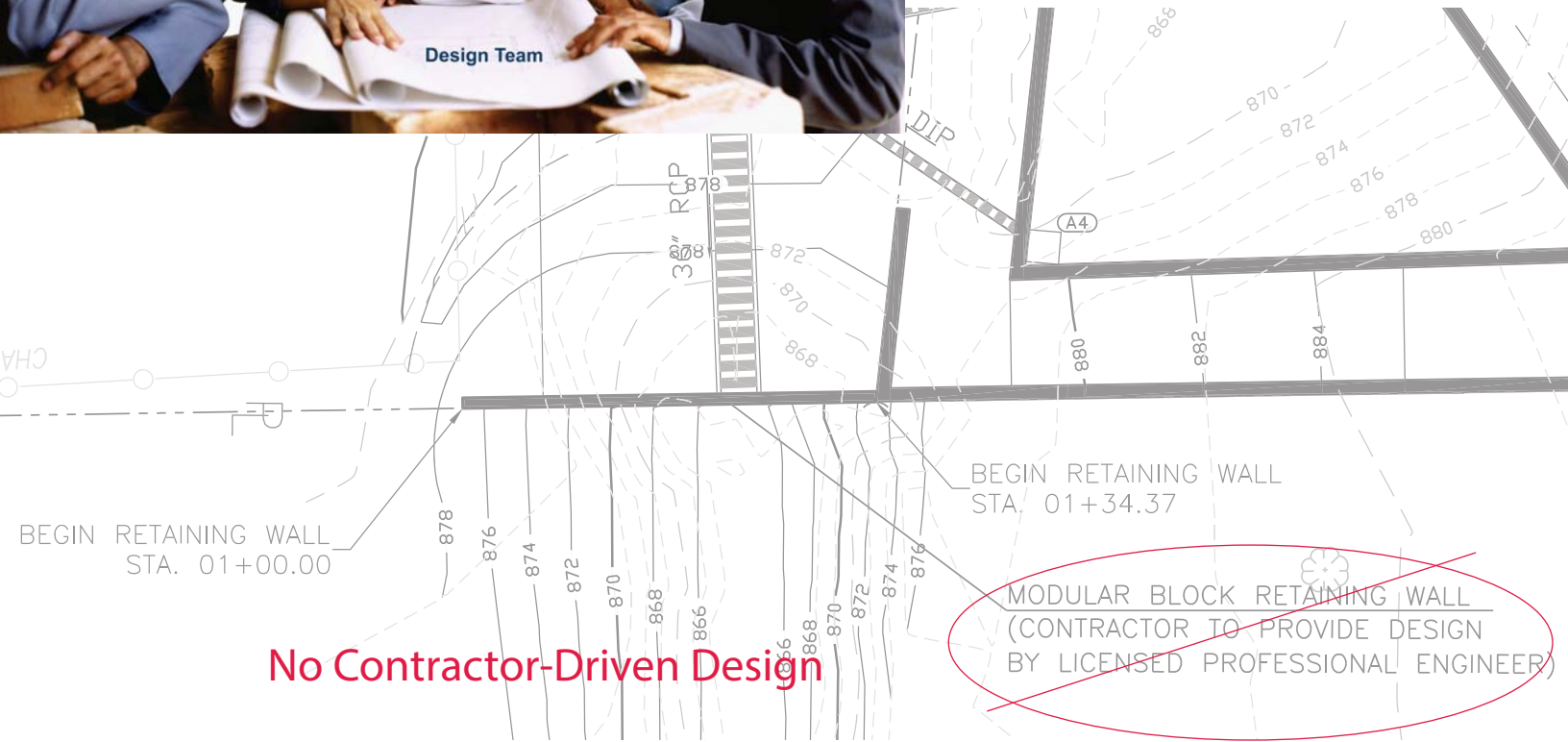
StrataGrid NTPEP Report#: NTPEP Report 2013-01-001

As a member of the NCMA since inception of the SRW industry, Strata System supports NCMA in their Zero Failure Initiative. Strata's role is to provide the highest quality soil reinforcement products meeting the requirements for a minimum of 75-year design life of SRW structures. The only guarantee for a 75-year design life is to have strict manufacturing standards, discriminating raw material selection & use, and quality processes & transparent record management systems.





Quality and Responsibility



No Contractor-Driven Design

NCMA

- recognized as the leading authority on SRW design, material specification and installation practice.
- governing body of the North American Masonry industry for marketing and research.
- the source of the most current advances in technology and practices, including industry standard for wall design in use since 1995.
- industry liaison to other associated governing bodies such as FHWA & ASTM, AASHTO, and the Geo-Institute.



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