

## Suggested Focused Reading Material for Section 4

Strom, Steven and Kurt Nathan, Site Engineering for Landscape Architects, 6th Ed., John Wiley & Sons, Hoboken, NJ, 2013

Chapter 2: Grading Constraints

Chapter 3: Contours and Form

Chapter 4: Interpolation and Slope

Chapter 5: Grading of Simple Design Elements

Chapter 7: Soils in Construction

Chapter 9: Storm Water Management

Chapter 10: Storm water Management System Components

Chapter 11: Soil Erosion and Sediment Control

Chapter 12: Determining Rates & Volumes of Runoff: Rational Method

Chapter 14: Designing and Sizing Storm Water Management Systems

Chapter 15: Site Layout and Dimensioning

Chapter 16: Horizontal Road Alignment

Harris, Charles and Nichols Dines, Time Savers Standards for Landscape Architecture, 2nd ed., McGraw-Hill Publishing Co., NY, NY, 1998.

Section 110: Construction Documents

Section 320: Site Grading

Section 330: Stormwater Management

Section 410: Retaining Walls

Section 440: Surfacing & Paving, page 12

Section 460: Wood Decks and Boardwalks, pp. 1-7, 15-19.

Section 900: Details and Devices

Hopper, Leonard J., ed., Landscape Architecture Graphic Standards, John Wiley & Sons, Inc., Hoboken, NJ, 2007.

Construction Documents

Accessibility

Stormwater Management

Pavement & Structures

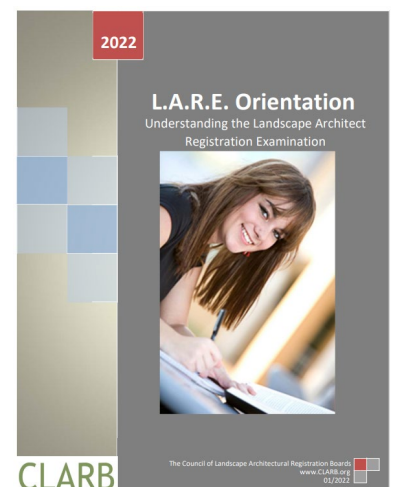
Untermann, Richard K., Principles and Practices of Grading, Drainage and Road Alignment, Reston Publishing Co., Reston, VA, 1978.

### Other Useful Resources

A. **LARE Orientation Guide** (from the CLARB Web site);

<http://www.clarb.org/docs/default-source/take-the-exam/lareorientationguide.pdf?sfvrsn=4>

A 28-page downloadable PDF. CLARB updates this frequently.



**B. Exam Overview Videos** from CLARB and the ASLA

<http://www.youtube.com/>

There are at least three videos from these entities on YouTube. Type in LARE Exam once you are in YouTube to find them. Two of them are about ten minutes long, the other is 44 minutes. Names are: LARE34, LARE Demonstration 2012, ASLA LARE Video. They are dated at this point but you should review them.

**C. ASLA Practice Exams**

<https://www.asla.org/LAREPrep.aspx>

**D. LARE Prep Google Group**

This is a great place to ask questions, find study partners, purchase used books, and get moral support. This public forum has been shut down in the past due to students sharing specific test questions. Keep your exchanges general and focused on CLARB topic areas rather than exam content and you should be okay.

<http://groups.google.com/group/lare-exam?lnk=>

**E. LAREprep** is a company that offers a couple of practice tests for each section of the LARE. They are online tests in the current format. No test is perfect but I like that they include an explanation for each question. Each test allows you access for 90 days. They cost between \$22-28 per test.

<https://www.lareprep.com/>

**E. Pass the LARE** is a new site that also offers online practice tests for each LARE section. I noticed some more difficult technical questions if you are seeking rigor. Each test allows access for 90 days. Cost: \$35 per test.

<https://passthehare.com/>

**F. Digital Flashcard Programs** I recommend drilling vocabulary for all students, but especially if English is not your native language. If you know the meaning of key words in questions, you have a much higher chance of guessing the correct answer. You will find decks made by previous LARE candidates if you search.

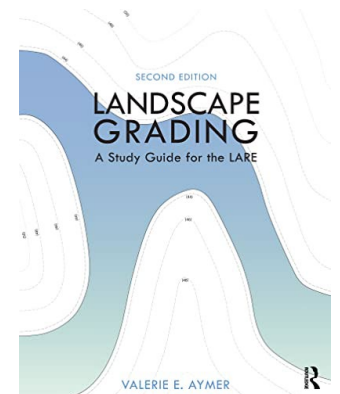
**Quizlet** – Graphically sophisticated, easy to use. You’ll find new decks that I started in 2022 based on glossaries of CLARB’s reference books - search *LARE SGLA*. Many other existing LARE decks.

<https://Quizlet.com>

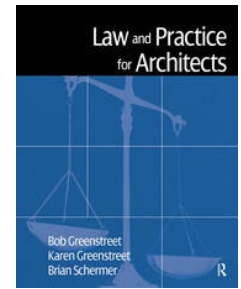
**Anki** - A little more bare bones but will generate targeted quizzes for you, showing you topics you have most often failed so you can drill. There are a few Anki decks in the Google LARE group archive.

<https://apps.ankiweb.net/>

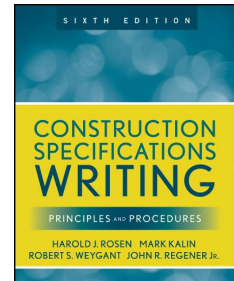
**F. Valerie Aymer’s book Landscape Grading: A Study Guide for the LARE Grading Examination** is a great source for practice problems and explanations for grading tasks. The Second Edition has more information about metric measurements, so I encourage you to seek it out. Aymer gives solutions with step by step explanations for many different types of grading problems. These are not in the current test format but I find them very useful for skill building and understanding grading for ponds, culverts, and other specific grading situations.



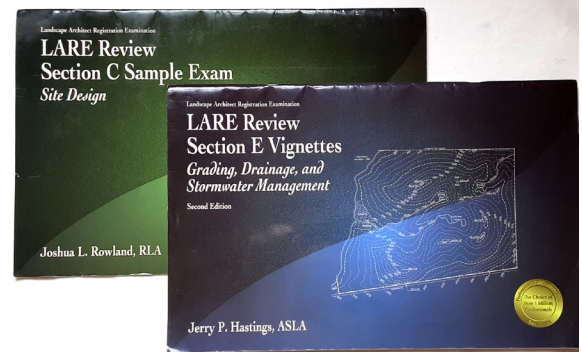
F. Greenstreet, Bob, Greenstreet, Karen, and Schermer, Brian, **Law and Practice for Architects**, Architectural Press/Elsevier, Burlington MA, 2005. Much clearer and simpler than Hinze, covers the same material.



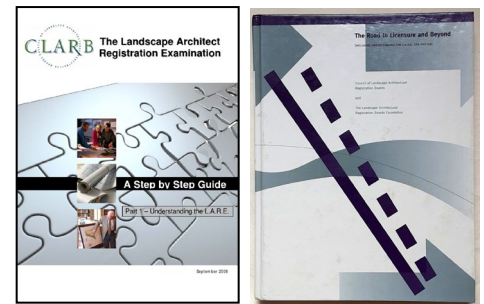
G. Rosen, Harold, Kalin, Mar, Weygant, Robert, and Regener, John Jr, **Construction Specifications Writing**, 6<sup>th</sup> Edition, John Wiley and Sons, Inc, Hoboken NJ, 2010. CLARB tests heavily on specifications but does not provide a good reference book on the official list. Here it is!



H. Books from **Professional Publications, Inc.**, Morrison Media, LLC are out of date (2007). However, much of the material in them is still useful if you want to build your pencil-and-paper Section 3 site layout and Section 4 grading skills.



J. **The Landscape Architect Registration Examination: A Step by Step Guide**. You may find someone who has this 2008 CLARB booklet. It contains 30 sample questions for sections A, B and D. The questions are pretty old now and are less and less useful but they are not incorrect.



**CLARB's 2000 Road to Licensure and Beyond** also has multiple choice questions and old graphic format questions. While this material may be out of date, it may prove useful.

### Not Recommended

Books from Shake & Bake Publishing are out of date (all of their material is from 2005-2007 or earlier). There are inaccuracies that make the material of questionable use.