Detailing & Documentation

prepared by
Angela Iarocci
Sheridan College

SEGD Academic Task Force
Overview

Detailing involves developing a conceptual design to determine form, structure, materials, graphic/digital elements, components and assemblies. The objective is to clearly communicate design intent for accurate fabrication, installation and implementation through scale drawings, models, technical specifications and other types of documentation.

Established drawing conventions and explanatory written specifications are used to ensure there is a clear translation of the detailed design into built form.
Designers must also consider sustainability, inclusive design (accessibility) requirements and relevant government mandated codes and standards. Typically, design intentions are balanced with considerations of budget, logistics and implementation schedules without compromising potential innovative solutions that can emerge during the detailing process.
Learning Outcomes

- Refine design concepts based on selection of appropriate materials, media and production processes to meet project objectives.
- Create drawings, visualizations and models at multiple scales to communicate detailed designs to fabricators, project team and stakeholders.
- Develop clear, concise written specifications to support visual documentation.
- Integrate knowledge of relevant codes, bylaws and professional standards within the design detailing process.
Case Studies per practice area

**Wayfinding**
Design: Entro
- Fifth Avenue Place (selected drawings)
- Brookfield Place (selected drawings)

**Wayfinding**
Design: Cardosi Kiper Design Group
Fabricator: Allen Industries
- University of Notre Dame Stadium

**Wayfinding**
Design & Drawings: Keith Davis
Fabricator: Urban Sign
- Phoenixville Information Kiosk
Placemaking & Identity
Design: Chris Whitmore
Fabricator: Acorn Sign Graphics; Drawings: Keith Davis
Riverlights

Placemaking & Identity
Design: cvedesign
Fabricator: Urban Sign; Drawings: Keith Davis
Photos: Halkin | Mason Photography
Cira Centre South

Placemaking & Identity
Design: Chris Whitmore
Fabricator: Acorn Sign Graphics; Drawings: Keith Davis
Bexley by Newland Communities: Part 1 & Part 2
Case Studies per practice area

Interactive Experience & Digital Content
Leviathan
Selected projects

Interactive Experience
Julia Seo
Resource Garden (academic project)
York University/Sheridan College Program in Design

Exhibition Design
Design: Skolnick Architecture + Design Partnership
Discovery Zone at the Florida Museum of Natural History
Case Studies per practice area

**Exhibition Design**
Sanchita Tucker
*Creation & Reaction* (academic project)
Fashion Institute of Technology, MA Exhibition and Experience Design

**Exhibition Design**
Sergei Vasilov
*Crew Camp* (academic project)
Fashion Institute of Technology, MA Exhibition and Experience Design

**Selected Academic Projects**
Kent State University
Resources

SEGD Courses

https://segd.org/2015-podcast-detailing-101
https://segd.org/podcast-developing-better-design-intent-documentation
https://segd.org/podcast-logical-document
https://segd.org/podcast-developing-documentation-process
https://segd.org/podcast-linear-approach-design-documentation
https://segd.org/link/best-case-documents-museum-exhibits

Academic project: Interactive kiosk walk-through
Yvonne Ho, York/Sheridan Program in Design

Academic project: Model, Rock and Roll Hall of Fame exhibition
Kent State University
Resources

Professional Examples

CAD drawings
Free access to CAD drawings for EGD related elements; need to create account
Example: https://www.caddetails.com/CAD-Drawings/MasterFormat/signage/10-14-00

Carter and Burgess Inc.
Aspen / Pitkin County Airport, Aspen, CO
Design Intent & Specifications for Exterior Signage (PDF)

City of Boulder, CO
Signage technical drawings
https://bouldercolorado.gov/plan-develop/chapter-11-technical-drawings

Cleveland Clinic, Beachwood, OH
Interior Sign Standards Manual, Selection and Specification Guide (PDF)

Corbin
Indiana University-Purdue / University of Fort Wayne, Interior Wayfinding Signage
Design Intent Drawings (Campus-wide Interior Sign Standards) (PDF)

Daniel L. Meredith, The NASCAR Hall of Fame
http://daniellmeredith.com/NASCAR-Hall-of-Fame

fwdesign, Brocklehurst, UK, http://www.fwdesign.com
Web site has extensive documentation of wayfinding projects, including design intent drawings
Product lines for signage systems with specification/documentation
http://www.fwdesign.com/product

Form : Media, http://www.form-media.ca
University of Victoria, BC, Canada
Pedestrian Wayfinding System (PDF)

University of Minnesota
Facilities Signage and Graphics Standards (PDF)

KRD Design, Keith Davis
http://www.krddesign.com/

Laura Sheedy, Exhibition Interface Design
http://www.laurasheedy.design/my-work-1/

Museumplanner.org
Article about museum exhibition design process
https://museumplanner.org/museum-exhibition-design-2/

Smithsonian Facilities Architect-Engineer Information Center
Documents on codes and standards, construction specifications and accessibility requirements.
http://www.sifacilities.si.edu/ae_center/index.asp
http://www.sifacilities.si.edu/ae_center/design-accessibility.html

V&A Museum, London UK
10 Point Guide to Writing Museum Text (PDF)
Resources

Architecture/Interior Design


Birkhäuser Publishers
DETAIL book series (various topics) – Architecture and interior design focus
https://shop.detail.de/row_e/detail-books.html

DETAIL is an international journal dedicated to architecture and construction details.
https://shop.detail.de/row_e/
https://www.detail-online.com
Resources

Museum/Exhibition Design

Wayfinding/Signage

User Experience

Acknowledgements
Many thanks to contributors of content for this workbook:
Entro, Cynthia Damar-Schnobb
FIT, MA Exhibition and Experience Design, Christina Lyons
KRD Design, Keith Davis
Skolnick Architecture + Design Partnership
Leviathan, Jason White
SEGD, Justin Molloy
York University/ Sheridan College Program in Design, Julia Seo

Phoenixville Information Kiosk
© Urban Sign, Design & Drawings: Keith Davis, Fabricator: Urban Sign