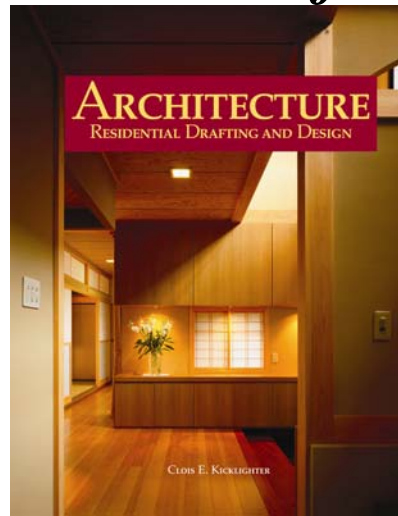




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**North Carolina Department of Public Instruction  
Blueprint Correlations**

**Course: Drafting III - Architectural**  
***Architecture: Residential Drafting & Design* © 2008**



**Publisher: Goodheart-Willcox Publisher**  
**Textbook Title: Architecture: Residential Drafting Design**  
**Course:**  
**Drafting III - Architectural**

Comp # Obj #	Unit Titles / Competency and Objective Statements (The Learner will be able to:)	Correlating Page Numbers
<b>A LEADERSHIP DEVELOPMENT</b>		
<b>1.00</b>	<b>Demonstrate oral presentation skills</b>	
1.01	Prepare and deliver a technical presentation with visual aids	607-634, 637-658, 661-671
1.02	Prepare and deliver extemporaneous technical presentations	607-634, 637-658, 661-671
<b>B ARCHITECTURAL STYLES</b>		
<b>2.00</b>	<b>Identify architectural styles</b>	
2.01	Define terms related to selected styles of residential architecture	17-35
2.02	Explain concepts associated with selected styles of residential architecture	37-48
2.03	Produce a collection of illustrations or a presentation that demonstrates the various elements of residential style	17-48
<b>C SITE DEVELOPMENT</b>		
<b>3.00</b>	<b>Create site plan drawings</b>	
3.01	Define terms related to site development	217, 218, 219, 220, 224
3.02	Explain factors to be considered when developing a site for residential construction	217-230
3.03	Explain the lines, symbols, and features found on site plans	218-221
3.04	Explain how to develop a site plan drawing	223-230
3.05	Draw a site plan for a residential structure	223-230
<b>D FOUNDATION DESIGN AND CONSTRUCTION</b>		
<b>4.00</b>	<b>Design and draw foundation plans</b>	
4.01	Identify terms and definitions relating to foundation design and construction	233, 234, 236, 237, 238, 239, 248, 252, 253, 254, 255
4.02	Explain use of footings, foundation walls, girders, piers, ventilation, and slab floor/foundations	233-256
4.03	Design and draw a foundation system	259-270
<b>E STAIR DESIGN AND CONSTRUCTION</b>		
<b>5.00</b>	<b>Design and draw a stair system</b>	
5.01	Identify terms and definitions relating to stair design and construction	353, 354, 355, 356
5.02	Identify the parts and standards used to construct a stair system	353-367
5.03	Explain the calculations for rise, run, total rise, total run, and floor cutout	360-363
5.04	Draw plans for stair construction	362-367

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<b>F ADVANCED KITCHEN &amp; BATH DESIGN</b>		
<b>6.00</b>	<b>Design and draw kitchen cabinet layouts</b>	
6.01	Identify terms and concepts related to kitchen and bath design	137, 138, 144, 198, 191, 193, 194, 195, 196
6.02	Explain the elements of kitchen and bath design	137-146, 189-205
6.03	Describe plans for kitchen cabinet drawings	196-201
6.04	Draw interior elevation plans for kitchens and baths	625-630