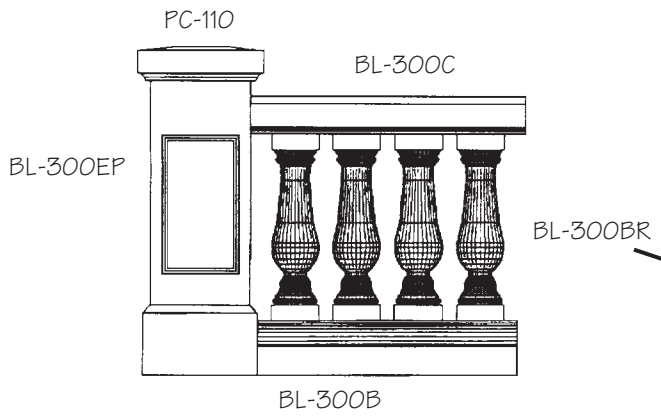


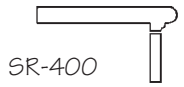


Photo: Cary U. Groner

By working with NVCS in the design phase, the architects were able to meet the following goals:

1. Maintain the vernacular of the Pacific Heights neighborhood in San Francisco and unify hardscape building materials by utilizing a mixture of cast stone, matching stucco work and herringbone pattern brick.
(continued next page)

TECHNICAL NOTES: Specifiers should be aware that the undersides of Basic Components are unfinished. Custom hard troweling is available upon special request and a surcharge. However, hard troweling does not yield a level and true edge and is excluded from NVCS Tolerances.

SEE NEXT PAGE FOR ADDITIONAL DETAILS OF THIS APPLICATION

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

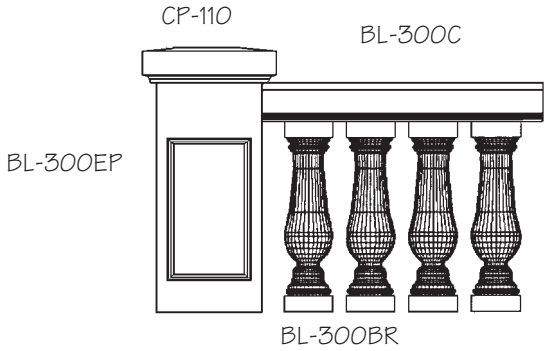
SCALE: 1/2" = 1'0"

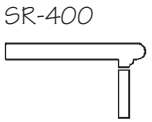
NAPA VALLEY CAST STONE

INTEGRATED ASSEMBLY DETAIL

TUTORIAL

C16.1



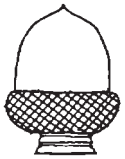

SR-400

(T-1/T-2 NOTES CONTINUED)

2. Use both cast stone piers and stucco piers with matching cast stone pier caps.

3. Incorporate use of straight steps on spiraling staircase.

4. Create a sense of light-heartedness by specifying that the acorns be made to look like they were from an animated cartoon, in contrast to the conservative tenor of the neighborhood.


F-101 12"D.

CP-110

W-1407

Photo: Cary U. Groner

TECHNICAL NOTES: NVCS's proprietary casting methods ensure the highest quality cast stone but cannot prevent occasional hairline cracks in oversize Basic Components such as column shafts and spindle shapes such as Balusters.

SEE PREVIOUS PAGE FOR ADDITIONAL NOTES REGARDING THIS APPLICATION

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

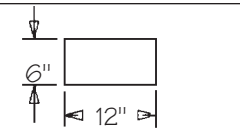
SCALE: 1/2" = 1'0"

NAPA VALLEY CAST STONE

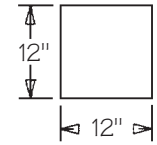
INTEGRATED ASSEMBLY DETAIL

TUTORIAL

C16.2



#PV-1501EAS



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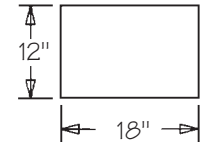

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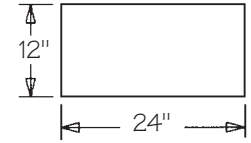

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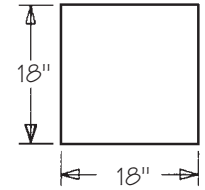

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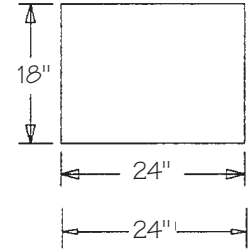

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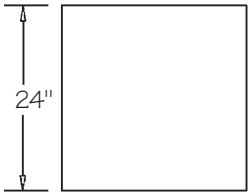
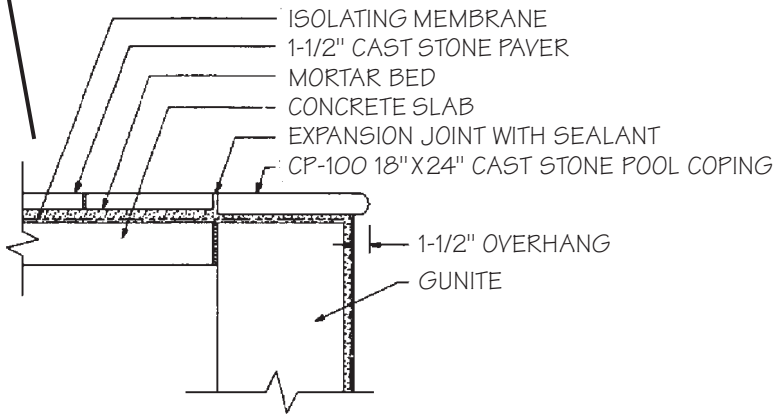


#PV-1507EAS

Photo: Niika Quistgard

This free-form pool combines seven different pool coping radii. The pool was built first and NVCS took templates and cast the individual components, which were then installed by the mason. The seven size random paver pattern were field cut to adjoin the pool coping.

TECHNICAL NOTES: Specifiers should anticipate a rougher finish on the underside of Coping and the step portion of Steps & Risers. The cause of this is that the lower half of the bullnose cannot be formed as precisely during the casting process. Specifiers may specify that Coping be installed with another Basic Component similar in function to a riser to hide this rough area.



SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

SCALE: 1/2" = 1'0"

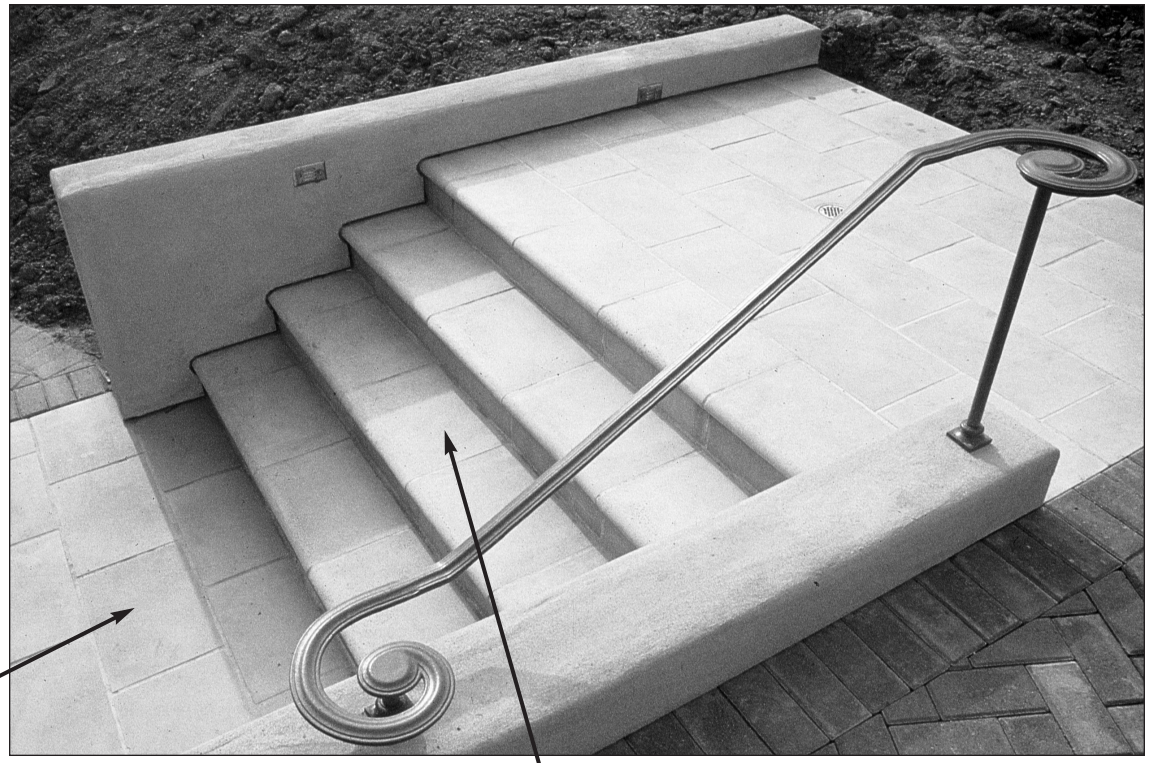
NAPA VALLEY CAST STONE

INTEGRATED ASSEMBLY DETAIL

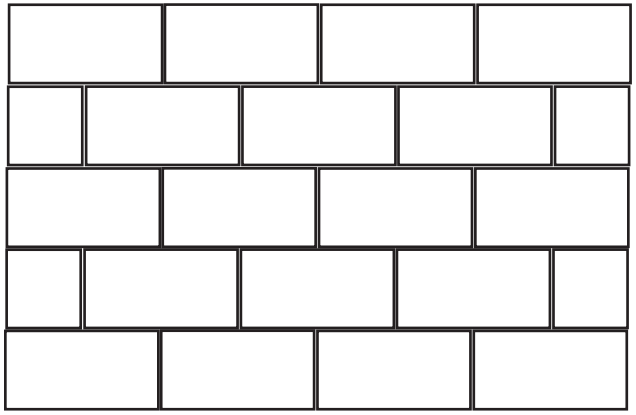
TUTORIAL

C16.3

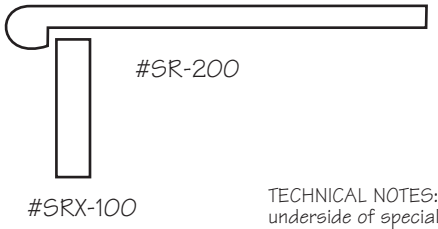
This detail shows the NVCS pavers installed in a running bond pattern with a 2" bullnose and 1" tread as the tread material. This is one of the many assemblies of materials that are used in combination to reduce cost and weight.



RUNNING BOND PATTERN
(N.T.S.)



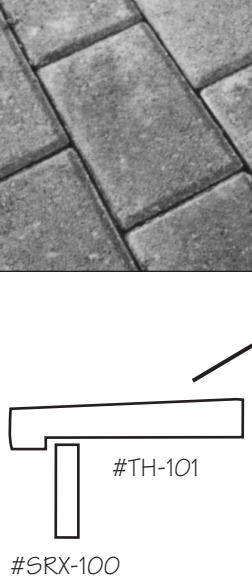
PV-1003 EAS
1x12x18



TECHNICAL NOTES: Specifiers should be aware that the underside of special cut-away screed Basic Components such as the # SR-200, etc., are less finished in appearance than standard Basic Components, due to the fact that they are hand-formed. (See Cut-Away Screed, page 17)

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34		DATE: 1-7-94	SCALE: 1" = 1'0"
NAPA VALLEY CAST STONE	INTEGRATED ASSEMBLY DETAIL	TUTORIAL	C16.4

Photo: Cary U. Groner



This simple application of a cast stone threshold adjacent to concrete unit pavers (by other) exhibits the comprehensive flexibility of the NVCS Integrated Assembly system.
Our considerable experience in working directly with General Contractors and Masons has transformed difficult details into easy-to-solve, off-the-shelf solutions.

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

SCALE: 1" = 1'0"

NAPA VALLEY CAST STONE

INTEGRATED ASSEMBLY DETAIL

TUTORIAL

C16.5

#SL-202

#VN-712

#MD-119

When NVCS facade work is detailed into an architect's plans from the design stage of a project, remarkable assemblies can be created. This dormer window is a close up of the private residence shown on page 4. All of the Basic Components are 24" long or smaller.

#MD-120

#SL-200

#MD-118

#VN-711

#MD-115

Photo: Cary U. Groner

TECHNICAL NOTES: Specifiers should be aware that the edges of Basic Components are not finished. (Unless noted in the Basic Component description i.e., ERT-End Return. See Key to Basic Component Abbreviations, page 32.)

SEE PAGE 4 FOR FULL PHOTOGRAPHIC ELEVATION OF THIS RESIDENCE. SEE PAGE C16.7 AND C16.8 FOR ADDITIONAL PERSPECTIVES.

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

SCALE: 1" = 1'0"

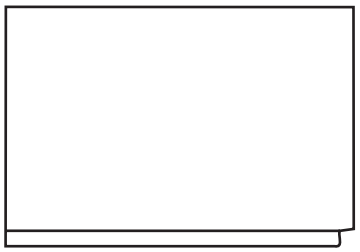
NAPA VALLEY CAST STONE

INTEGRATED ASSEMBLY DETAIL

TUTORIAL

C16.6

#MD-120



#QN-604

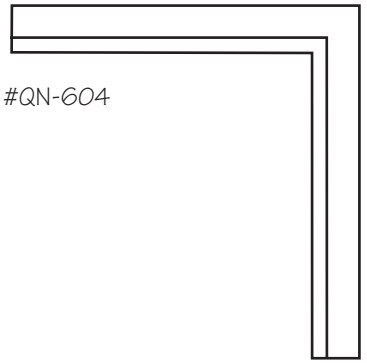
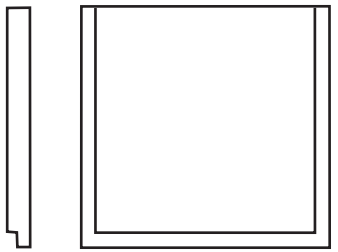


Photo: Cary U. Groner

#MD-118

#VN-713

#VN-712



#VN-711

This detail illustrates the level of consistency in theme and application that a specifier is able to achieve using the NVCS system. A close look reveals that the illusion of massive blocks of limestone is carefully maintained by using specialized Basic Components such as Quoins at the corners of the building.

TECHNICAL NOTES: To specify Quoins, allow for an increase in the tolerance by 1/16" to a tolerance of 3/16" +/- and by 1/8" in the thickness of the setting bed to 5/8" +/-. (See Tolerances on page 21.)

SEE PAGE 4 FOR FULL PHOTOGRAPHIC ELEVATION OF THIS RESIDENCE. SEE PAGE C16.6 AND C16.8 FOR ADDITIONAL PERSPECTIVES.

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

SCALE: 1" = 1'0"

NAPA VALLEY CAST STONE

INTEGRATED ASSEMBLY DETAIL

TUTORIAL

C16.7

#VN-712

#VN-709

#MD-114

Photo: Cary U. Groner

#VN-711

#MD-116

#V-SRX-100

This level of complexity can be achieved with a reasonable amount of planning, shop drawing review, and the final factor—a journeyman mason who is willing to review our Architectural Resource Catalog to familiarize himself with our Integrated Assembly system.

TECHNICAL NOTES: Radii may be adjusted in the field to meet exact radius condition. Example: 6' radius may be specified for a required 6' 3" radius. (See Field Cuts on page 17.)

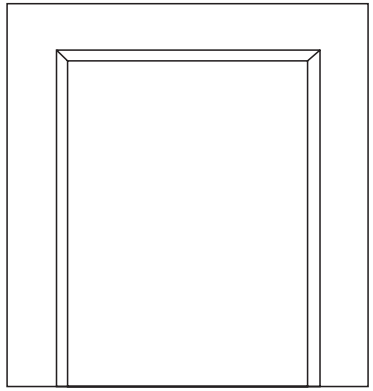
SEE PAGE 4 FOR FULL PHOTOGRAPHIC ELEVATION OF THIS RESIDENCE. SEE PAGE C16.6 AND C16.7 FOR ADDITIONAL PERSPECTIVES.

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

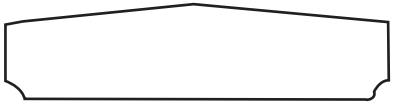
DATE: 1-7-94	SCALE: 1" = 1'0"

NAPA VALLEY CAST STONE	INTEGRATED ASSEMBLY DETAIL	TUTORIAL	C16.8

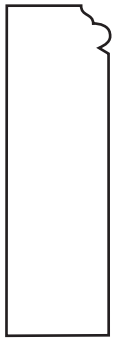
#PC-101



#VN-705



#WC-1405



#BB-57

#BB-50

This detail highlights the versatility of the NVCS system. The five different Basic Components shown in this entry stair wall application include Baseboard, Moulding, Veneer, Wall Cap, and Pier Cap, all installed over rough concrete work to form a dramatic entry.

TECHNICAL NOTES: As with natural stone, expect minor chipping as part of the overall look of ornamental cast stone masonry.

Photo: Cary U. Groner

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

SCALE: 1" = 1'0"

NAPA VALLEY CAST STONE

INTEGRATED ASSEMBLY DETAIL

TUTORIAL

C16.9

ROSETTE
#RS-100

#VN-724

This detail illustrates that even simple elements such as a landscape grotto fountain can incorporate stonework, thus offering the professional specifier a remarkable level of control over the finished look.

#WC-1103

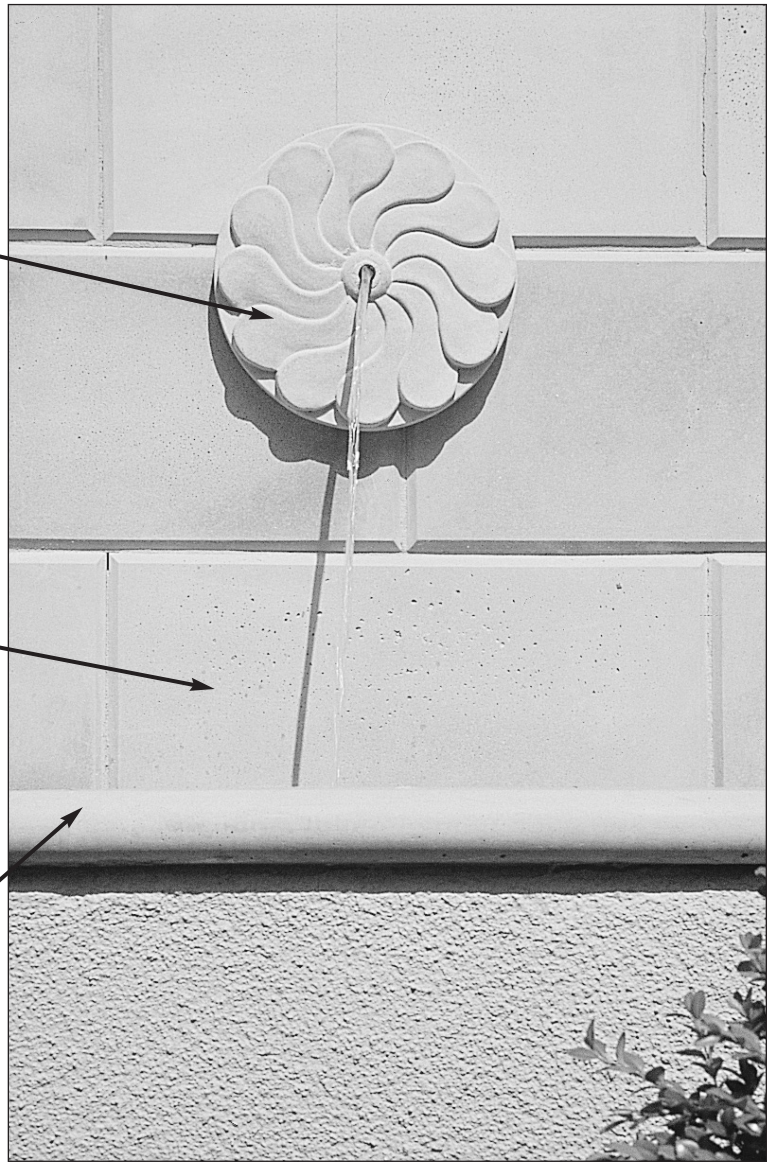


Photo: Cary U. Groner

SEE PAGE 24 FOR ANOTHER PERSPECTIVE OF THIS GROTTO FOUNTAIN

SEE KEY TO ABBREVIATIONS FOR BASIC COMPONENT DESCRIPTIONS, PAGE 34

DATE: 1-7-94

SCALE: 1" = 1'0"

NAPA VALLEY CAST STONE

INTEGRATED ASSEMBLY DETAIL

TUTORIAL

C16.10