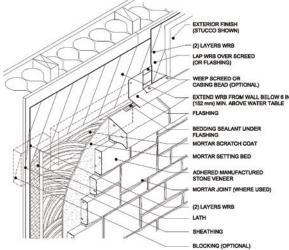
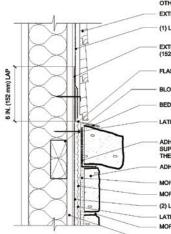
Cultured Stone®

DRAWINGS AND CROSS SECTIONS

WALL ASSEMBLY



CLADDING TRANSITION



NOTE: OTHER FINISHES MAY BE USED

EXTERIOR CLADDING (SIDING SHOWN) (1) LAYER WRB

EXTEND WRB FROM WALL BELOW 6 IN. (152 mm) MIN. ABOVE CLADDING TRANSITION

FLASHING WITH DRIP EDGE

LOCKING (OPTIONAL)

BEDDING SEAL UNDER FLASHING

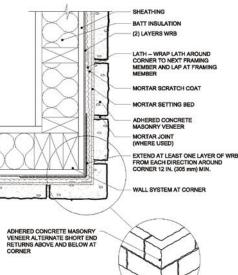
LATH FASTENER

ADHERED MANUFACTURED STONE VENEER SUPPORT ANGLE – INSTALL IF REQUIRED PER THE STONE MANUFACTURER'S INSTRUCTIONS ADHERED MANUFACTURED STONE VENEER

MORTAR SETTING BED MORTAR SCRATCH COAT (2) LAYERS WRB LATH MORTAR JOINT (WHERE USED)

SHEATHING

OUTSIDE CORNER



These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.



Cultured Stone[®]

TABLE OF DRAWINGS AND CROSS SECTIONS

FIGURE 1. WALL ASSEMBLY	4
FIGURE 2. TYPICAL WALL SECTION	4
FIGURE 3. FOUNDATION WALL BASE	5
FIGURE 4. FOUNDATION WALL BASE-AMSY OVERLAPPING	5
FIGURE 5. FOUNDATION WALL-TRANSITION TO AMBY CONTINUING DOWN FOUNDATION	6
FIGURE 6. CLADDING FOUNDATION	6
FIGURE 1. OUTSIDE CORNER	٦
FIGURE 8. INSIDE CORNER	٦
FIGURE 9. HORIZONTAL TRANSITION	8
FIGURE 10. VERTICAL TRANSITION	8
FIGURE 11. OPEN EAVE-OVERHANG	9
FIGURE 12. OPEN EAVE-FLUSH	9
FIGURE 13. RAKE-OVERHANG	10
FIGURE 14. RAKE-FLUSH	
FIGURE 15. SIDE WALL-COMPOSITION SHINGLES	11
FIGURE 16. SIDE WALL-COMPOSITION SHINGLES CURBING	11
FIGURE 17. SIDE WALL-TILE ROOFING	
FIGURE 18. SIDE WALL-TILE ROOFING CURBING	
FIGURE 19. WINDOW SILL	13
FIGURE 20. WINDOW JAMB	13
FIGURE 21. WINDOW HEAD	14
FIGURE 22. KICK-OUT FLASHING	14
FIGURE 23. CRICKET	15
FIGURE 24. CHIMNEY CHASE	15
FIGURE 25. COLUMN BASE	
FIGURE 26. RAISED COLUMN BASE	
FIGURE 27. PENETRATION, FLANGED	17
FIGURE 28. PENETRATION NON-FLANGED, WITH BUILDING PAPER WRB	
FIGURE 29. PENETRATION NON-FLANGED, WITH HOUSEWRAP WRB	18
FIGURE 30. PENETRATION FIXTURE	
FIGURE 31. PENETRATION, DRYER VENT	19
FIGURE 32. DECK TERMINATION	19
FIGURE 33. WALL CAP	
FIGURE 34. WALL ASSEMBLY-OPTIONAL RAINSCREEN SYSTEM-DRAINAGE SYSTEMS	
FIGURE 35. WALL ASSEMBLY-OPTIONAL RAINSCREEN SYSTEM-STRAPPED	
FIGURE 36. FOUNDATION WALL BASE-OPTIONAL RAINSCREEN SYSTEM	
FIGURE 37. TYPICAL WALL SECTION-OPTIONAL RAINSCREEN SYSTEM	22

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

FIGURE 38. RETAINING WALL (CMU) FIGURE 39. WALL-SECTION INTERIOR OVER CEMENT FIGURE 40. FORWARD MOUNTED COMMERCIAL WIN FIGURE 41. FORWARD MOUNTED COMMERCIAL WIND FIGURE 42. COMMERCIAL STOREFRONT WINDOW-TO FIGURE 43. COMMERCIAL STOREFRONT WINDOW FIGURE 44. WALL-SECTION MULTI-FLOOR JOINT DET FIGURE 45. WALL-SECTION OVER RIGID INSULATION FIGURE 46. WALL-SECTION OVER CONTINUOUS RIGIE FIGURE 47. WALL-SECTION INSIDE CORNER WITH STU FIGURE 48. WALL-SECTION INSULATED CONCRETE F FIGURE 49. WALL-SECTION OVER CONTINUOUS RIGID FIGURE 50. WALL-SECTION OVER CONTINUOUS RIGH FIGURE 51. WALL-SECTION PARAPET WITH STONE C. FIGURE 52. WALL-SECTION PARAPET WITH STEEL C.

Disclaimer

This guide addresses generally accepted methods and details for the installation of Adhered Manufactured Stone Veneer. To the best of our knowledge, it is correct and up-to-date. However, the document is designed only as a guide; and it is not intended for any specific construction project. Canadian Stone Industries makes no express or implied warranty or guarantee of the techniques, construction methods or materials or materials identified herein.

It is understood that there are alternative means or methods that might be required and/or recommended based on project conditions, manufacturer's recommendations, or product characteristics.

This Guide for builders, architects, designers, masons, installers and other construction professionals illustrates typical applications of Adhered Manufactured Stone Veneer. Details in this guide that address the installation and detailing of Adhered Manufactured Stone Veneer and its interface with other building components are not intended as specific recommends. It is the responsibility of all design and construction professionals to determine the applicability and appropriate application and any detail to any specific project.

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

Cultured Stone[®]

TABLE OF DRAWINGS AND CROSS SECTIONS (CONTINUED)

	22
BACKER BOARD	23
	23
00₩-10₽ VIEW	24
₽ VIEW	24
	25
AIL	25
WITH ADDITIONAL SHEATHING	26
D INSULATION CMU	26
JCCO-TOP VIEW	27
ORM (ICF)-TOP VIEW	27
D INSULATION WITH Z CHANNELS-TOP VIEW	28
D INSULATION	28
AP	29
AP	29

FIGURE 1. WALL ASSEMBLY

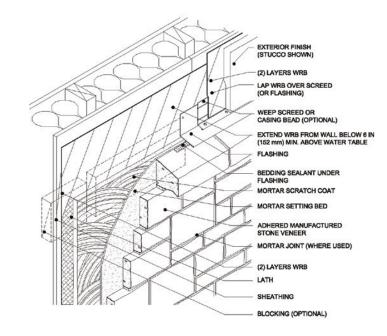


FIGURE 2. TYPICAL WALL SECTION

WALL SYSTEM

SHEATHING

LATH

(2) LAYERS WRB

MORTAR SCRATCH COAT

MORTAR SETTING BED

ADHERED MANUFACTURED

MORTAR JOINT (WHERE USED)

STONE VENEER

EXTERIOR

SECTION VIEW

A minimum 4 in. (102 mm) gap is required at the base of the stud wall to grade and a minimum 2 in. (51 mm) gap is required at base of the stud wall to a paved surface.

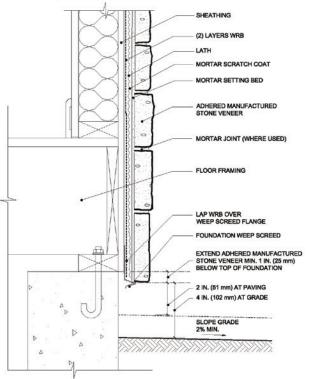


FIGURE 4. FOUNDATION WALL BASE-AMSY OVERLAPPING FOUNDATION

no responsibility or liability for the use of these or other construction details.



AMSV may overlap foundation wall with careful installation of flashing and WRB. This installation may continue down foundation wall to grade clearance.

D

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

INTERIOR

Cultured Stone® 4

SECTION VIEW

Note: layering of sheathing,

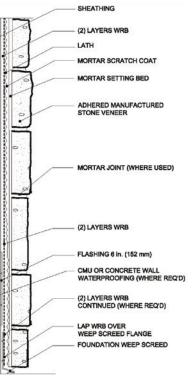
water resistive barrier, lath,

scratch coat, and adhered

manufactured stone veneer.

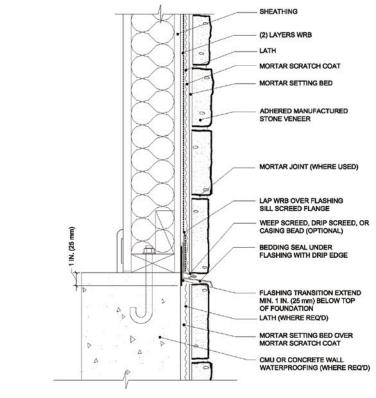
Cultured Stone® DRAWINGS AND CROSS SECTIONS

FIGURE 3. FOUNDATION WALL BASE



These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts

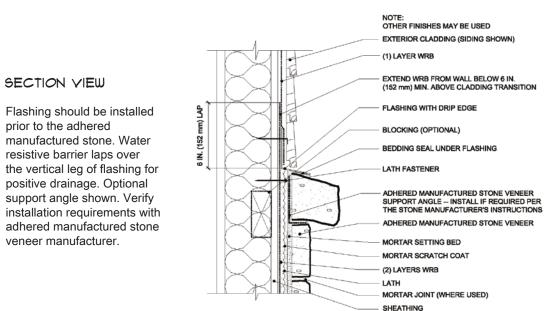
FIGURE 5. FOUNDATION WALL-TRANSITION TO AMSY CONTINUING DOWN FOUNDATION



SECTION VIEW

AMSV may continue down the foundation with the incorporation of a flashing transition with careful installation of WRB and flashing.

FIGURE 6. CLADDING TRANSITION



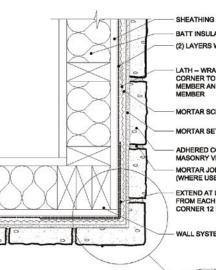
These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

Cultured Stone® DRAWINGS AND CROSS SECTIONS



Randomly alternate short end returns above and below at the comer. Lap lath around the comer to the next framing member.



ADHERED CONCRETE MASONRY VENEER ALTERNATE SHORT END RETURNS ABOVE AND BELOW AT CORNER

PLAN VIEW

Randomly alternate ends above and below to interweave the comer. Double wrap water resistive barrier around both sides of the comer. Lap lath to the framing at least 12 inches (305 mm) to the next framing member.

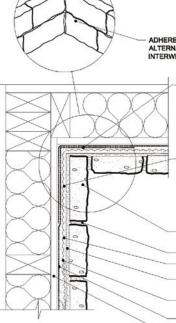


FIGURE 7. OUTSIDE CORNER

BATT INSULATION (2) LAYERS WRB LATH - WRAP LATH AROUND CORNER TO NEXT FRAMING MEMBER AND LAP AT FRAMING

MORTAR SCRATCH COAT

MORTAR SETTING BED

ADHERED CONCRETE MASONRY VENEER MORTAR JOINT (WHERE USED)

EXTEND AT LEAST ONE LAYER OF WRB FROM EACH DIRECTION AROUND CORNER 12 IN. (305 mm) MIN.

WALL SYSTEM AT CORNER

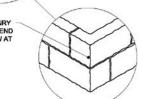


FIGURE 8. INSIDE CORNER

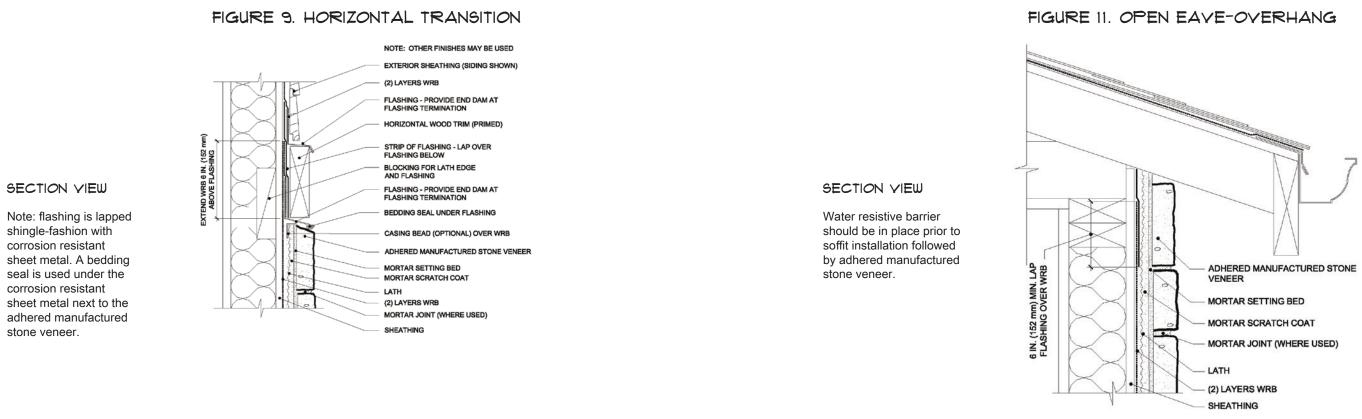
ł	ADHERED MANUFACTURED STONE VENEER
	ALTERNATE ENDS ABOVE AND BELOW TO
	INTERWEAVE CORNER

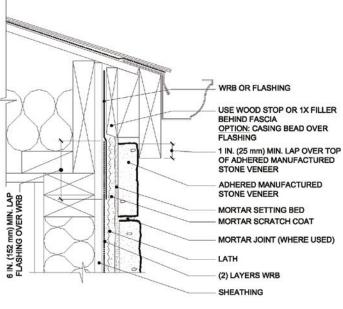
EXTEND AT LEAST ONE LAYER OF WRB FROM EACH DIRECTION AROUND CORNER 12 IN. (305 mm) MIN.

LATH - WRAP LATH AROUND CORNER TO NEXT FRAMING MEMBER AND LAP LATH AT FRAMING MEMBER

	ADHERED MANUFACTURED STONE VENEER
	MORTAR JOINT (WHERE USED)
	MORTAR SCRATCH COAT
	MORTAR SETTING BED
_	LATH
	(2) LAYERS WRB
-	SHEATHING

Cultured Stone® DRAWINGS AND CROSS SECTIONS





SECTION VIEW

Flashing extends under the adjacent finishes. A 5/8 in. (IO mm) minimum gap should be used between finishes.

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

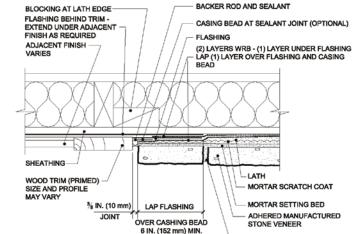
MORTAR JOINT

(WHERE USED)

FIGURE 10. VERTICAL TRANSITION

PLAN VIEW

Flashing extends under the adjacent finishes. A 5/8 in. (IO mm) minimum gap should be used between finishes.



8 Cultured Stone®

no responsibility or liability for the use of these or other construction details.

FIGURE 12. OPEN EAVE-FLUSH

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts

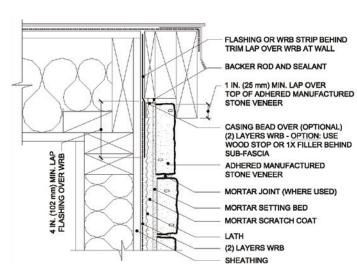
FIGURE 13. RAKE-OVERHANG

FLASHING OR WRB STRIP BEHIND TRIM -LAP OVER (2) LAYERS WRB AT WALL BACKER ROD AND SEALANT IN. (102 mm) MIN. LAF CASING BEAD (OPTIONAL) ADHERED MANUFACTURED STONE VENEER MORTAR JOINT (WHERE USED) MORTAR SETTING BED MORTAR SCRATCH COAT LATH (2) LAYERS WRB

SHEATHING

SECTION VIEW

The intent of these details is to limit exposure to wind driven rain.

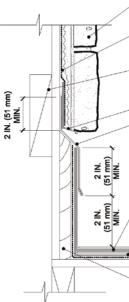


These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

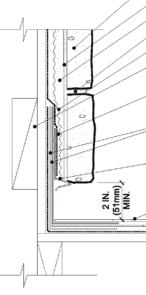
SECTION VIEW

Ihis detail includes base trim. Note the counterflashing between trim and adhered manufactured stone veneer.



SECTION VIEW

Water resistive barrier laps over step flashing and weep screed.



SECTION VIEW

rod and sealant.

Note: the use of backer

FIGURE 14. RAKE-FLUSH

Cultured Stone® DRAWINGS AND CROSS SECTIONS

FIGURE 15. SIDE WALL-COMPOSITION SHINGLES

	ADHERED MANUFACTURED
	MORTAR SETTING BED
/	MORTAR SCRATCH COAT
/	MORTAR JOINT (WHERE USED)
/	LATH
/	BLOCKING FOR LATH EDGE AND FLASHING
	-(2) LAYERS WRB LAP OVER STEP FLASHING AND WEEP SCREED
	-STEP FLASHING AT RAKE PER ROOF MANUFACTURERE'S RECOMMENDATIONS
	WEEP SCREED - LAP OVER STEP FLASHING 2 IN. (51 mm) MIN.
	ROOF TYPE MAY VARY - COMPOSTION SHINGLE ROOF SHOWN

ROOF UNDERLAYMENT -TURN UP AT SIDE WALL

FIGURE 16. SIDE WALL-COMPOSITION SHINGLES CURBING

	ADHERED MANUFACTURED STONE VENEER
	(2) LAYERS WRB LAP OVER WEEP SCREED AND COUNTERFLASHING
	BLOCKING FOR LATH EDGE AND FLASHING
	WEEP SCREED
	COUNTERFLASHING
	STEP FLASHING AT RAKE PER ROOF MANUFACTURER'S RECOMMENDATION
//	ROOF TYPE MAY VARY - COMPOSTION SHINGLE ROOF SHOWN
	TURN UP AT SIDE WALL 1X FILLER - SLOPE TOP



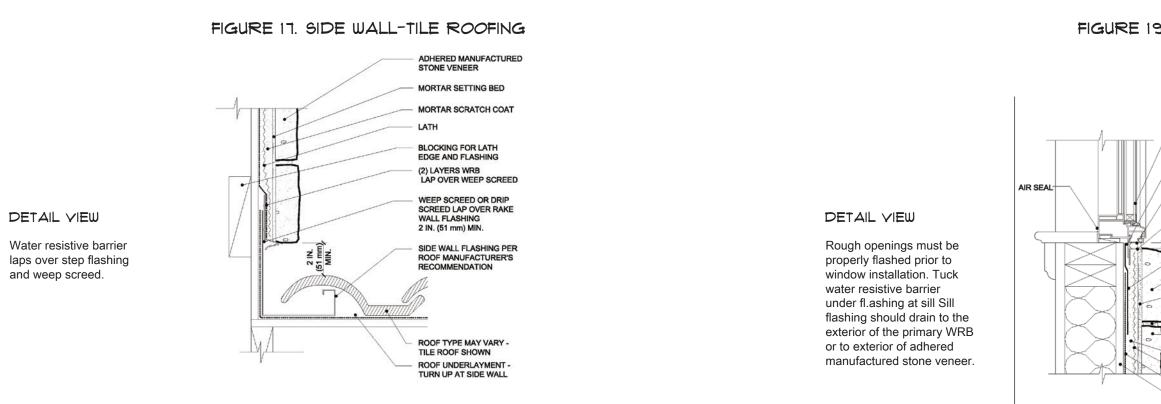
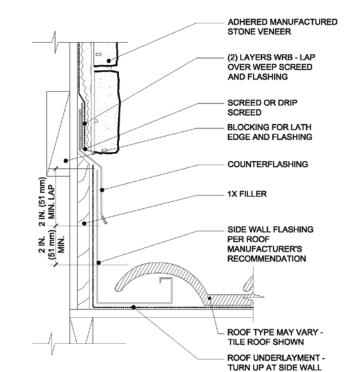


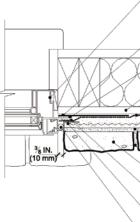
FIGURE 18. SIDE WALL-TILE ROOFING CURBING



These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

PLAN VIEW

Rough openings must be properly flashed prior to window installation. Backer rod and sealant between the window frame and the adhered manufactured stone veneer allows for movement between the dissimilar materials.



These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

DETAIL VIEW

Ihis detail includes curbing.

between trim and adhered

manufactured stone veneer.

Note the counterflashing

Cultured Stone® DRAWINGS AND CROSS SECTIONS

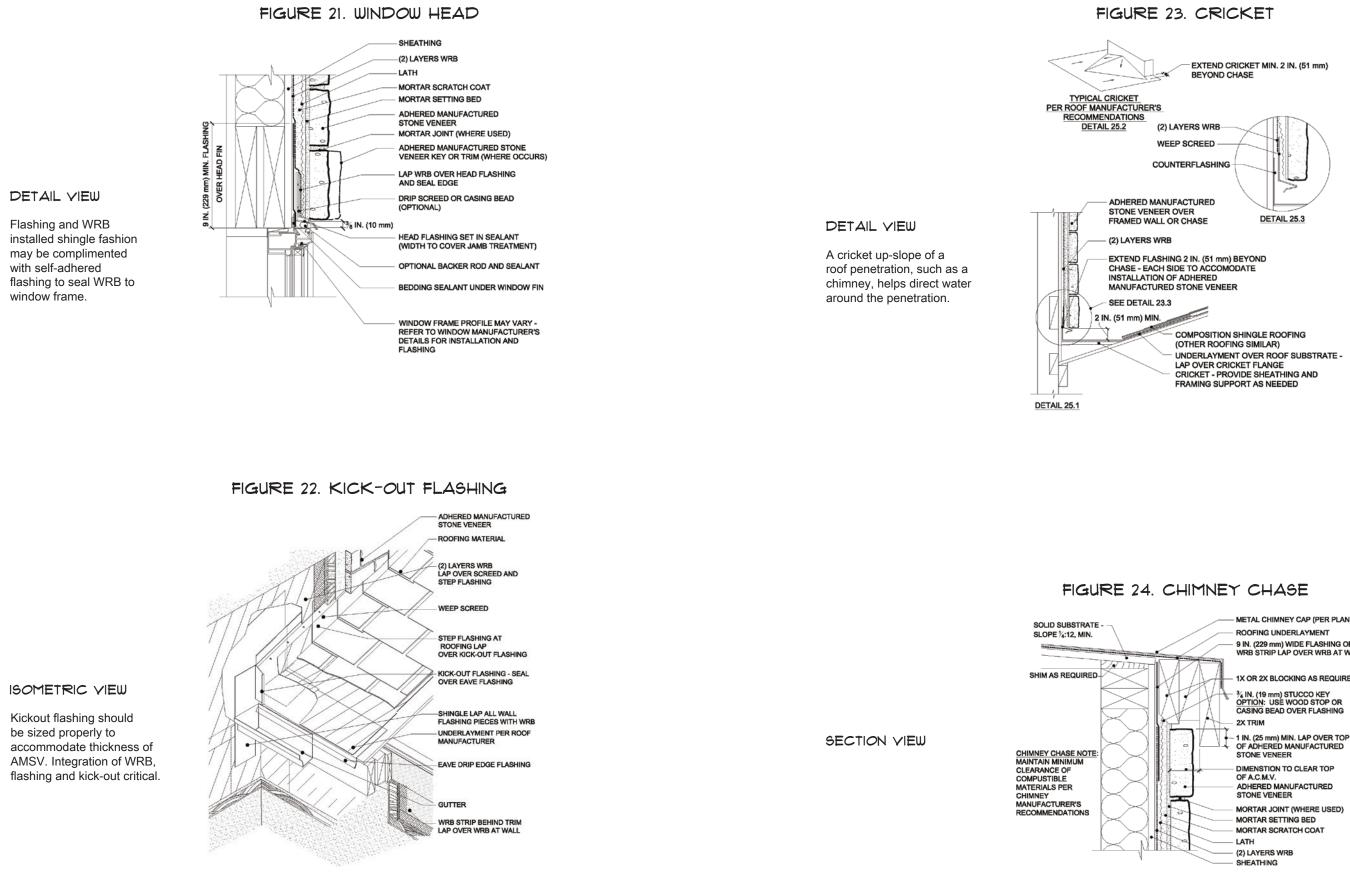
FIGURE 19. WINDOW SILLL

WINDOW FRAME PROFILE MAY VARY - REFER TO WINDOW MANUFACTURER'S DETAILS FOR INSTALLATION AND FLASHING
BEDDING SEALANT UNDER WINDOW FIN (IF REQUIRED PER WINDOW MANUFACTURER'S INSTRUCTIONS)
BACKER ROD AND SEALANT
CASING BEAD (OPTIONAL)
- ³ % IN. (10 mm)
- SILL FLASHING UNDER WINDOW FIN. LAP OVER WRB 4 IN. (102 mm) MIN.
- ADHERED MANUFACTURED STONE VENEER WITH SLOPED TOP MORTAR SETTING BED
MORTAR JOINT (WHERE USED)
ADHERED MANUFACTURED STONE VENEER
- MORTAR SCRATCH COAT
LATH
- WRB UNDER SILL FLASHING
SHEATHING

FIGURE 20. WINDOW JAM

	WINDOW FRAME PROFILE MAY VARY - REFER TO WINDOW MANUFACTURER'S DETAILS FOR INSTALLATION AND FLASHING
\square	JAMB FLASHING UNDER WINDOW FIN
	BEDDING SEALANT UNDER WINDOW FIN
	SHEATHING
$\Delta =$	(2) LAYERS WRB SEAL EDGE TO FIN
united	LATH
	MORTAR SCRATCH COAT
<u> </u>	MORTAR SETTING BED
	MORTAR JOINT (WHERE USED)
	ADHERED MANUFACTURED STONE VENEER
	BEDDING SEALANT UNDER WRB LAPPED OVER CASING BEAD
$\overline{)}$	CASING BEAD (OPTIONAL) LAP FLASHING OVER LEG
\	BACKER ROD AND SEALANT

Cultured Stone® DRAWINGS AND CROSS SECTIONS



These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

UNDERLAYMENT OVER ROOF SUBSTRATE -

METAL CHIMNEY CAP (PER PLAN) 9 IN. (229 mm) WIDE FLASHING OR WRB STRIP LAP OVER WRB AT WALL

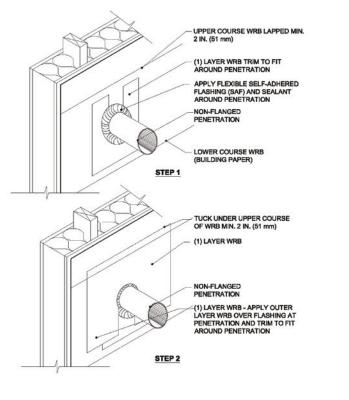
1X OR 2X BLOCKING AS REQUIRED

MORTAR JOINT (WHERE USED)

Cultured Stone® DRAWINGS AND CROSS SECTIONS



FIGURE 28. PENETRATION NON-FLANGED, WITH BUILDING PAPER WRB



MORTAR SCRATCH COAT

EXTERIOR GRADE SHEATHING -MAINTAIN 2 IN. (51 mm) MIN. ABOVE CONCRETE

FRAMED WALL SYSTEM

RAISED CONCRETE PAD

WEEP SCREED OR DRIP SCREED

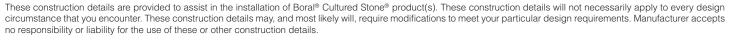
BEDDING SEAL UNDER FLAHSING

LATH

- 1/2 IN. (13 mm) MIN.

ISOMETRIC VIEW

Flexible self-adhered flashing and WRB installed in a watershed fashion help prevent water infiltration.



 \triangleright

5

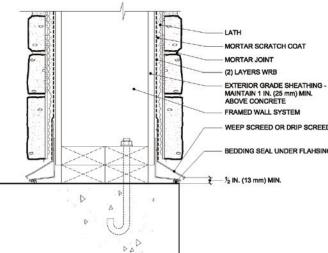
DAD

FIGURE 26. RAISED COLUMN BASE

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

A minimum one half inch (13 mm) clearance should be maintained at all sides of the

base. All column materials to be exterior grade. Do not extend flashing past edge of AMSV for safety reasons.



16 Cultured Stone®

DETAIL VIEW

Adhered manufactured

the raised concrete pad,

inch (13 mm) should be

past edge of AMSV.

stone veneer may overlap

but a clearance of one haH

maintained at all sides of the

base. Do not extend flashing

STEP 2

FIGURE 29. PENETRATION NON-FLANGED, WITH HOUSEWRAP PAPER

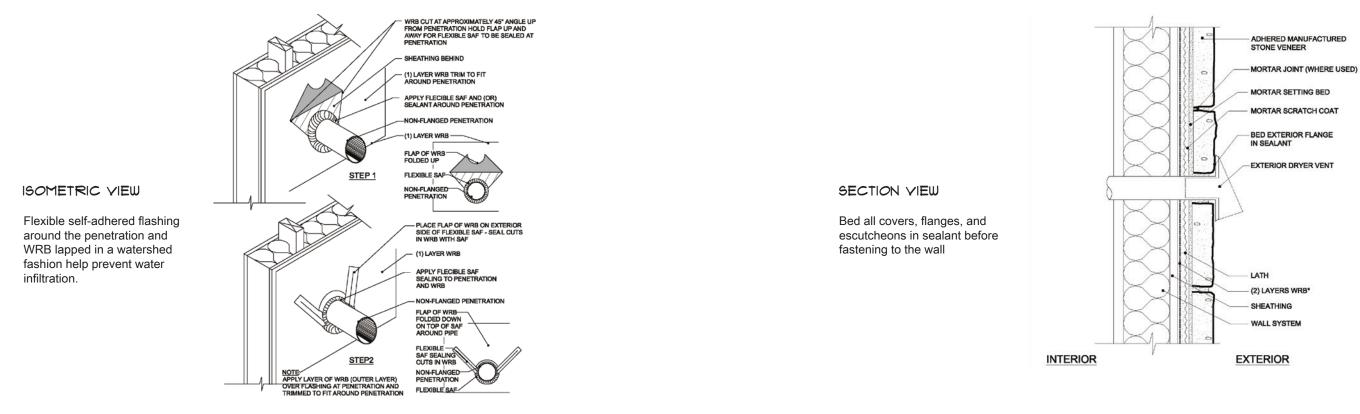
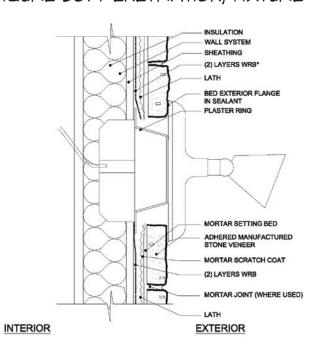


FIGURE 30. PENETRATION, FIXTURE

SECTION VIEW

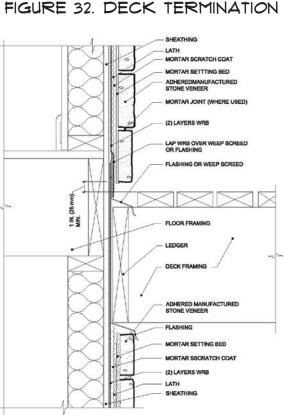
Plaster rings should be affixed over the service box to bring the face of the box flush with the adhered manufactured stone veneer. Bed the exterior flange in sealant. Water resistive barrier should be installed snugly around the plaster ring flange.



These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

SECTION VIEW

Lap water resistive barrier over weep screed and floor framing to manage water intrusion. Provide gap between adhered manufactured stone veneer and decking for drainage. Water management at the deck ledger boards is critical, and may vary based on the building design.

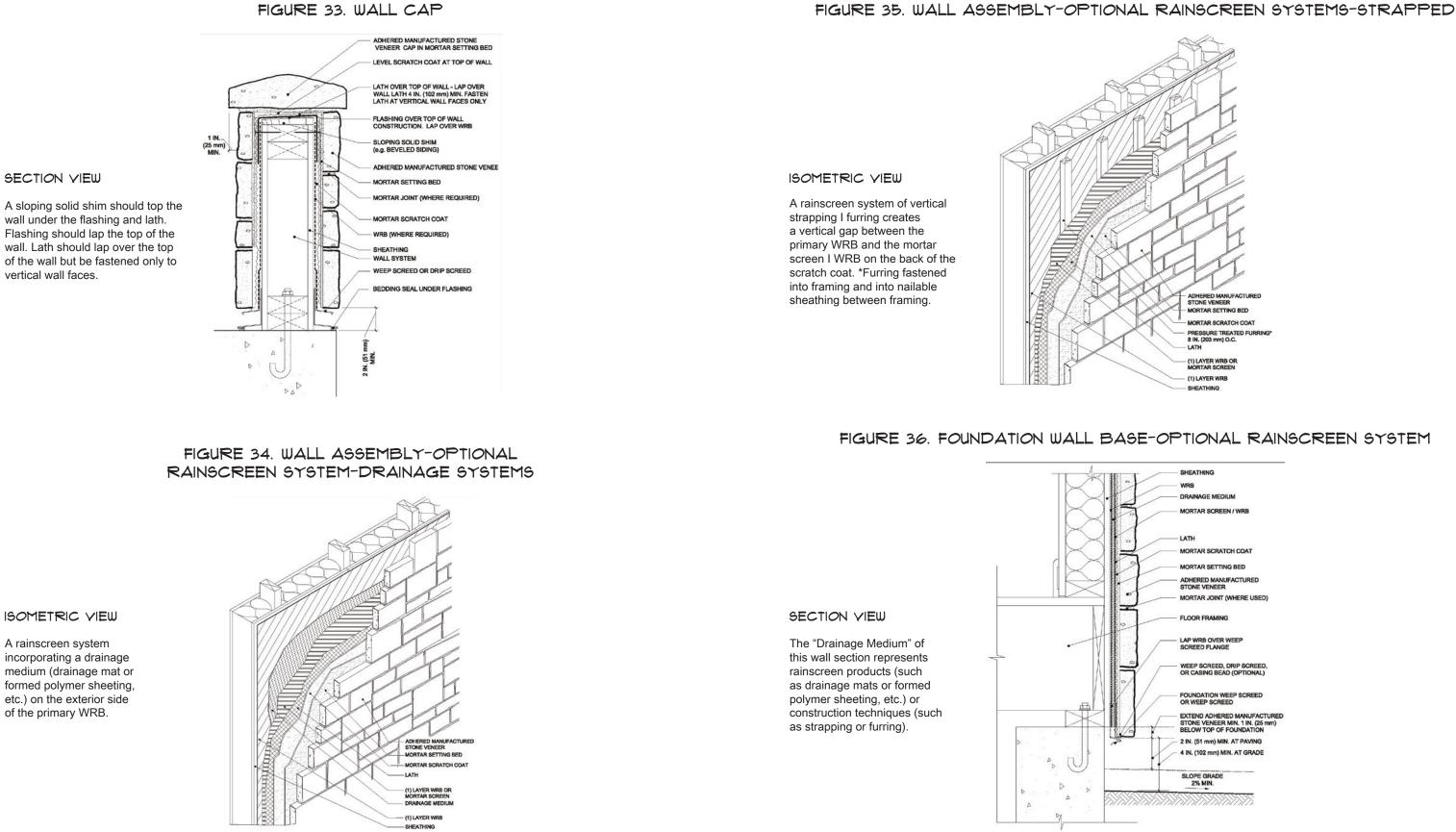


These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

Cultured Stone® DRAWINGS AND CROSS SECTIONS

FIGURE 31. PENETRATION, DRYER VENT





These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

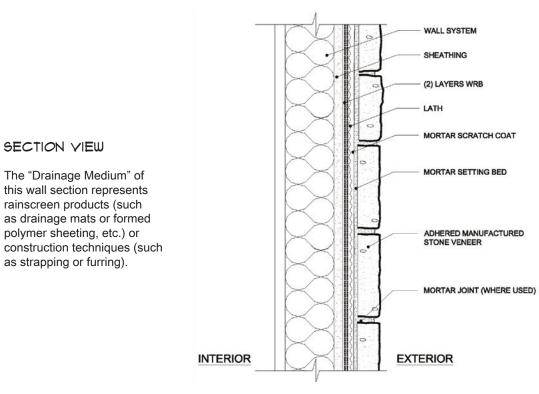
These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

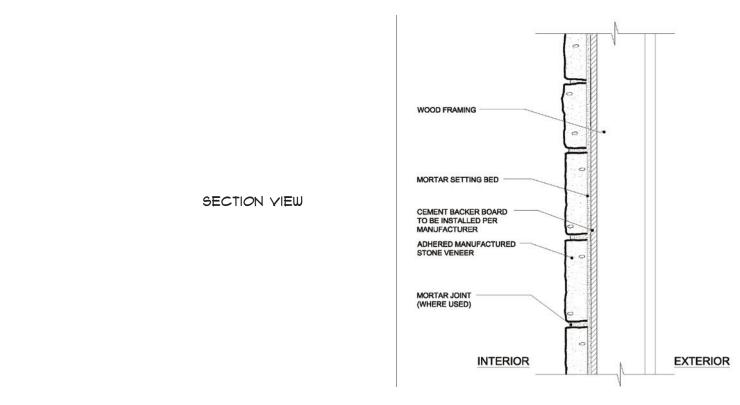
Cultured Stone® DRAWINGS AND CROSS SECTIONS

	SHEATHING
	DRAINAGE MEDIUM
T	MORTAR SCREEN / WRB
	LATH
\mathbf{z}	MORTAR SCRATCH COAT
19	MORTAR SETTING BED
H	ADHERED MANUFACTURED STONE VENEER
1	MORTAR JOINT (WHERE USED)
5	
	LAP WRB OVER WEEP SCREED FLANGE
	WEEP SCREED, DRIP SCREED, OR CASING BEAD (OPTIONAL)
V/	FOUNDATION WEEP SCREED OR WEEP SCREED
A	EXTEND ADHERED MANUFACTURED STONE VENEER MIN. 1 IN. (25 mm) BELOW TOP OF FOUNDATION
	2 IN. (51 mm) MIN. AT PAVING
	4 IN. (102 mm) MIN. AT GRADE
	SLOPE GRADE 2% MIN.

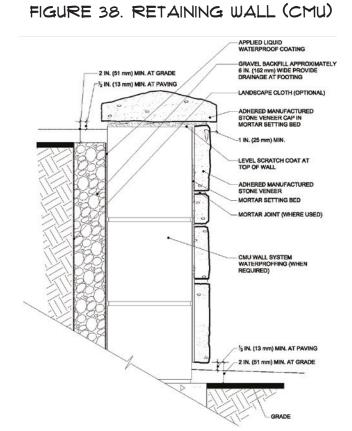
Cultured Stone® DRAWINGS AND CROSS SECTIONS

FIGURE 37. TYPICAL WALL SECTION-OPTIONAL RAINSCREEN SYSTEM





SECTION VIEW



SECTION VIEW

SECTION VIEW

The "Drainage Medium" of

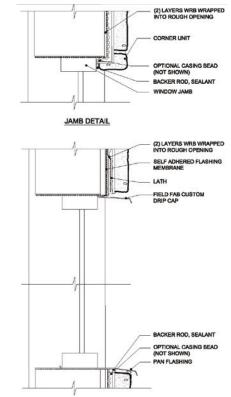
rainscreen products (such

polymer sheeting, etc.) or

as strapping or furring).

Adhered masonry veneer offers attractive aesthetics to retaining walls.

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.



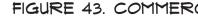
These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

FIGURE 39. WALL-SECTION INTERIOR OVER CEMENT BACKER BOARD

FIGURE 40. FORWARD MOUNTED COMMERCIAL WINDOW

Cultured Stone® DRAWINGS AND CROSS SECTIONS

FIGURE 41. FORWARD MOUNTED COMMERCIAL WINDOW-TOP VIEW



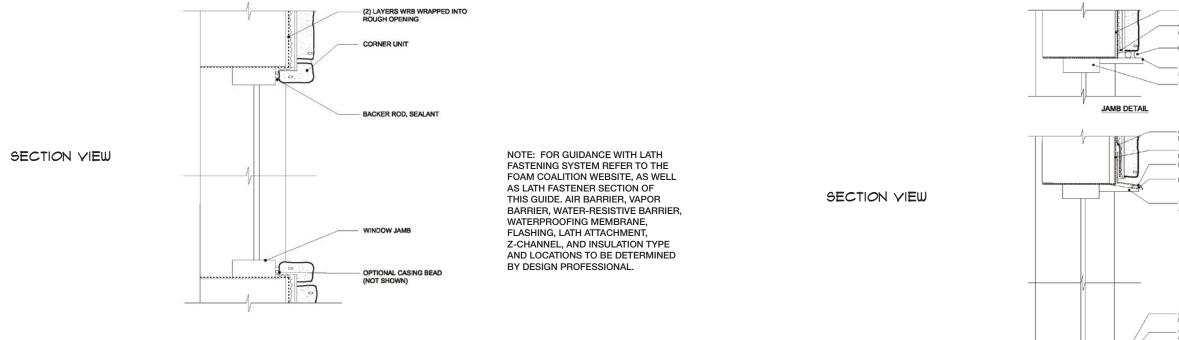
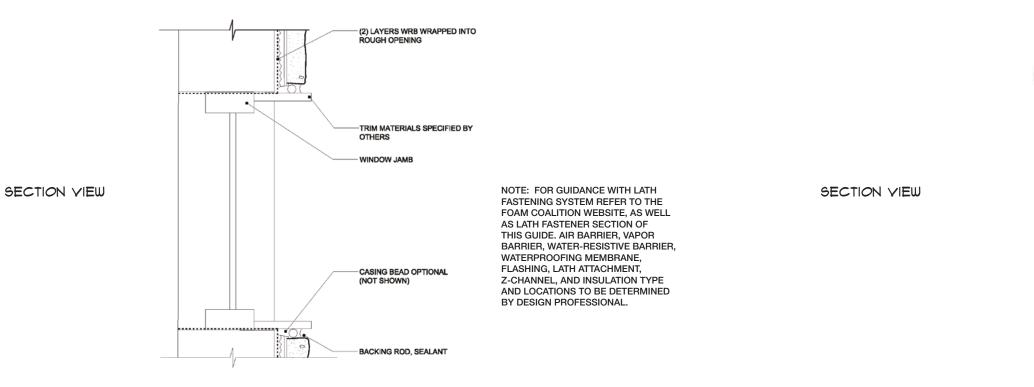


FIGURE 42. COMMERCIAL STOREFRONT WINDOW-TOP VIEW



These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

These construction details are provided to assist in the installation of Boral® Cultured Stone® product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

FIGURE 43. COMMERCIAL STOREFRONT WINDOW

(2) LAYERS WRB WRAPPED INTO ROUGH OPENING OPTIONAL CASING BEAD (NOT SHOWN)

ACKER ROD, SEALANT

- TRIM MATERIALS SPECIFIED BY OTHERS VINDOW JAMB

- (2) LAYERS WRB WRAPPED INTO ROUGH OPENING - SELF ADHERED FLASHING MEMBRANE DRIP CAP BEDDING SEAL

TRIM MATERIALS SPECIFIED BY OTHERS



SLOPPED SILL SPECIFIED BY OTHERS OPTIONAL CASING BEAL (NOT SHOWN)

ACKER ROD, SEALANT

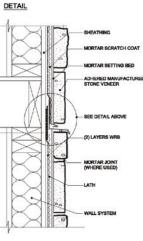
PAN FLASHING

FIGURE 44. WALL-SECTION MULTI-FLOOR JOINT DETAIL



CREED, OR WEEP

LAP WRB OVER FLASHING SILL SCREED FLANGE



NOTE: FOR GUIDANCE WITH LATH FASTENING SYSTEM REFER TO THE FOAM COALITION WEBSITE, AS WELL AS LATH FASTENER SECTION OF THIS GUIDE, AIR BARRIER, VAPOR BARRIER, WATER-RESISTIVE BARRIER, WATERPROOFING MEMBRANE, FLASHING, LATH ATTACHMENT, Z-CHANNEL, AND INSULATION TYPE AND LOCATIONS TO BE DETERMINED BY DESIGN PROFESSIONAL.

Cultured Stone DRAWINGS AND CROSS SECTIONS

FIGURE 45. WALL-SECTION OVER RIGID INSULATION WITH ADDITIONAL SHEATHING

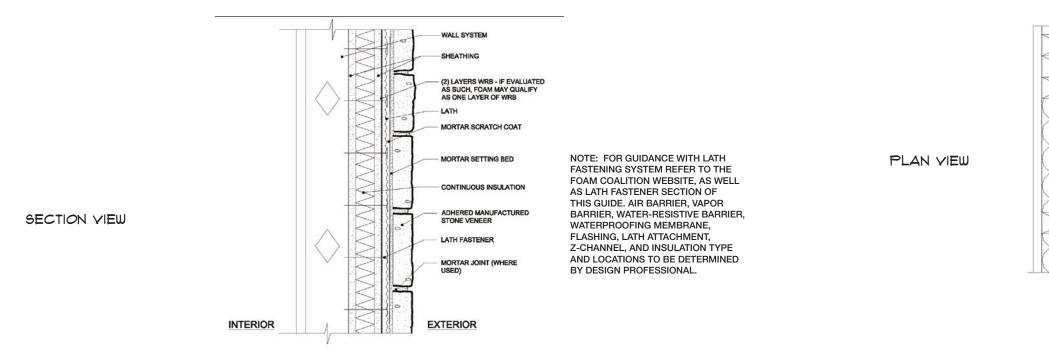
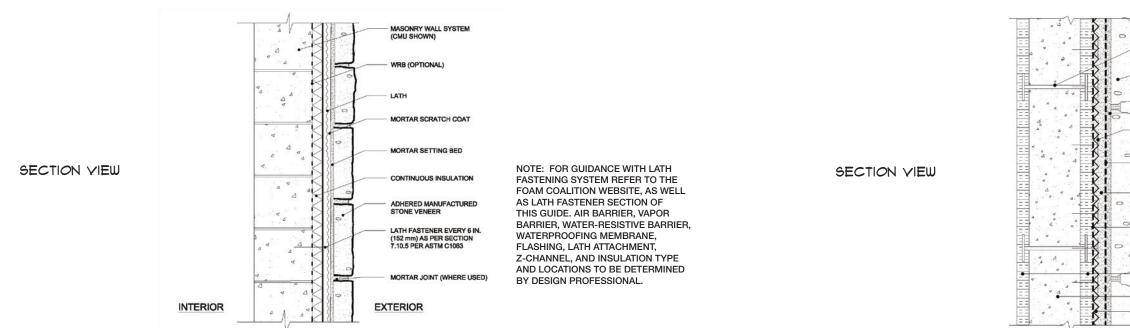


FIGURE 46. WALL-SECTION OVER CONTINUOUS RIGID INSULATION CMU

FIGURE 48. WALL-SECTION INSULATED CONCRETE FORM (ICF)-TOP VIEW



These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

FIGURE 47. WALL-SECTION INSIDE CORNER WITH STUCCO-TOP VIEW

- EXTEND AT LEAST ONE LAYER OF WRB FROM EACH DIRECTION AROUND CORNER 12 IN. (305 mm) MIN.
- LATH - WRAP LATH AROUND CORNER TO NEXT FRAMING MEMBER
 - STUCCO
BACKER ROD AND SEALANT
- ADHERED MANUFACTURED STONE VENEER
- MORTAR JOINT (WHERE USED)
 - MORTAR SCRATCH COAT
- MORTAR SETTING BED
LAP LATH AT FRAMING MEMBER
 (2) LAYERS WRB
- SHEATHING

ICF PLASTIC REINFORCEMENT TIES (TYPICAL) ADHERED MANUFACTURED STONE VENEER MORTAR SETTING BED LATH FASTENER WATERPROOFING MEMBRANE (OPTIONAL) MORTAR SCRATCH COAT MORTAR SCRATCH COAT O (2) LAYERS WRB (IF NEEDED) IF EVALUATED AS SUCH, FOAM MAY QUALIFY AS ONE LAYER OF WRB (BOTH SIDES) CONCRETE CORE LATH			
STONE VENEER MORTAR SETTING BED LATH FASTENER WATERPROOFING MEMBRANE (OPTIONAL) MORTAR SCRATCH COAT MORTAR SCRATCH COAT (2) LAYERS WRB (IF NEEDED) IF EVALUATED AS SUCH, FOAM MAY QUALIFY AS ONE LAYER OF WRB IF LAYER OF WRB CONCRETE CORE NOTE: FOR GUIDANCE WITH LATH FASTENING SYSTEM REFER TO THE FOAM COALITION WEBSITE, AS WELL AS LATH FASTENER SECTION OF THIS GUIDE. AIR BARRIER, WAPOR BARRIER, WATER-RESISTIVE BARRIER, WATERPROOFING MEMBRANE, FLASHING, LATH ATTACHMENT, Z-CHANNEL, AND INSULATION TYPE AND LOCATIONS TO BE DETERMINED BY DESIGN PROFESSIONAL.			
LATH FASTENER WATERPROOFING MEMBRANE (OPTIONAL) MORTAR SCRATCH COAT (2) LAYERS WRB (IF NEEDED) IF EVALUATED AS SUCH, FOAM MAY QUALIFY AS ONE LAYER OF WRB INSULATED CONCRETE FORM (BOTH SIDES) CONCRETE CORE NOTE: FOR GUIDANCE WITH LATH FASTENING SYSTEM REFER TO THE FOAM COALITION WEBSITE, AS WELL AS LATH FASTENER SECTION OF THIS GUIDE. AIR BARRIER, VAPOR BARRIER, WATER-RESISTIVE BARRIER, WATERPROOFING MEMBRANE, FLASHING, LATH ATTACHMENT, Z-CHANNEL, AND INSULATION TYPE AND LOCATIONS TO BE DETERMINED BY DESIGN PROFESSIONAL.	•		
WATERPROOFING MEMBRANE (OPTIONAL) NOTE: FOR GUIDANCE WITH LATH FASTENING SYSTEM REFER TO THE FOAM COALITION WEBSITE, AS WELL AS LATH FASTENER SECTION OF THIS GUIDE. AIR BARRIER, VAPOR BARRIER, WATER-RESISTIVE BARRIER, IF EVALUATED AS SUCH, FOAM MAY QUALIFY AS ONE LAYER OF WRB (2) LAYERS WRB (IF NEEDED) IF EVALUATED AS SUCH, FOAM MAY QUALIFY AS ONE LAYER OF WRB BARRIER, WATER-RESISTIVE BARRIER, WATERPROOFING MEMBRANE, FLASHING, LATH ATTACHMENT, Z-CHANNEL, AND INSULATION TYPE AND LOCATIONS TO BE DETERMINED BY DESIGN PROFESSIONAL.			
MEMBRANE (OPTIONAL) MEMBRANE (OPTIONAL) MORTAR SCRATCH COAT MORTAR SC		- LATH FASTENER	
AS LATH FASTENER SECTION OF THIS GUIDE. AIR BARRIER, VAPOR BARRIER, WATER-RESISTIVE BARRIER, WATERPROOFING MEMBRANE, FOAM MAY QUALIFY AS ONE LAYER OF WRB INSULATED CONCRETE FORM (BOTH SIDES) CONCRETE CORE			
IF EVALUATED AS SUCH, FOAM MAY QUALIFY AS ONE LAYER OF WRB WATERPROOFING MEMBRANE, FLASHING, LATH ATTACHMENT, Z-CHANNEL, AND INSULATION TYPE AND LOCATIONS TO BE DETERMINED BY DESIGN PROFESSIONAL. INSULATED CONCRETE FORM (BOTH SIDES) BY DESIGN PROFESSIONAL.	0	- MORTAR SCRATCH COAT	AS LATH FASTENER SECTION OF THIS GUIDE. AIR BARRIER, VAPOR
(BOTH SIDES) BY DESIGN PROFESSIONAL.	0 0	IF EVALUATED AS SUCH, FOAM MAY QUALIFY AS ONE	WATERPROOFING MEMBRANE, FLASHING, LATH ATTACHMENT,
LATH		- CONCRETE CORE	
		— LATH	

FIGURE 51. WALL-SECTION PARAPET WITH STONE CAP

FIGURE 49. WALL-SECTION OVER CONTINUOUS RIGID INSULATION WITH Z CHANNELS-TOP VIEW

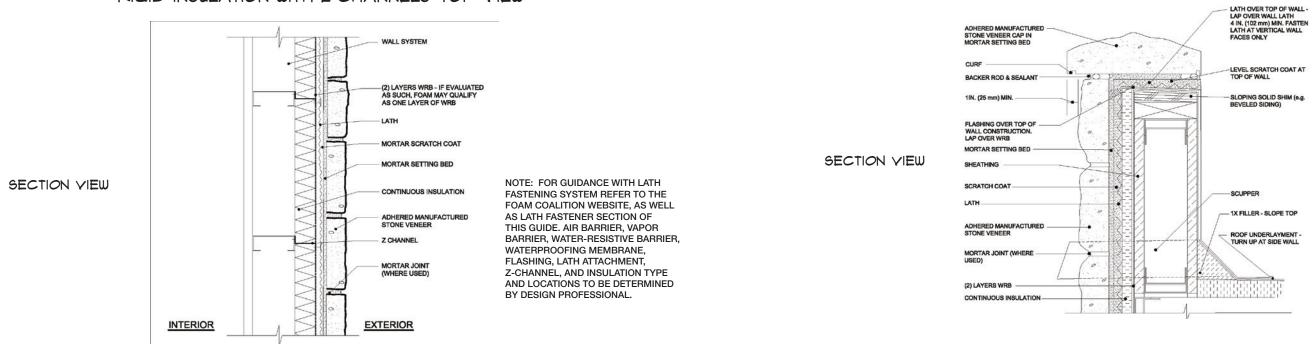
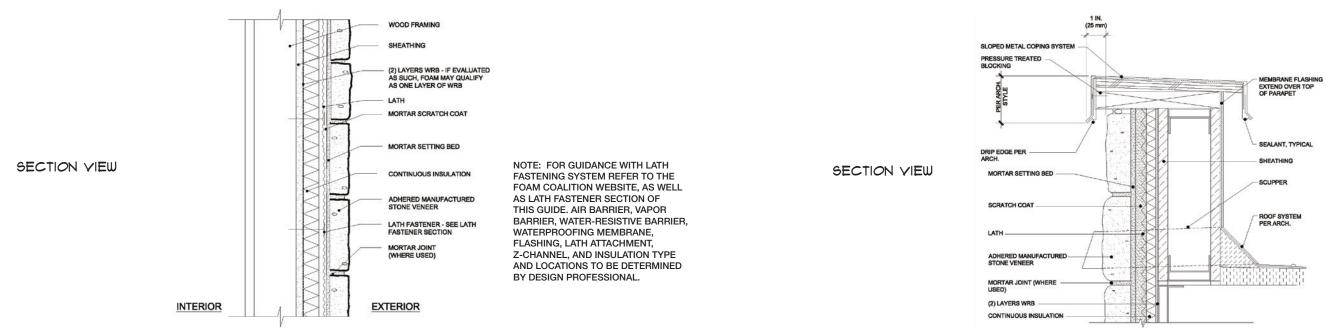


FIGURE 50. WALL-SECTION OVER CONTINUOUS RIGID INSULATION



These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.

FIGURE 52. WALL-SECTION PARAPET WITH STEEL CAP

This guide addresses generally accepted methods and details for the installation of Adhered Manufactured Stone Veneer. To the best of our knowledge, it is correct and up-to-date. However, the document is designed only as a guide; and it is not intended for any specific construction project. Canadian Stone Industries makes no express or implied warranty or guarantee of the techniques, construction methods or materials or materials identified herein.

It is understood that there are alternative means or methods that might be required and/or recommended based on project conditions, manufacturer's recommendations, or product characteristics.

This Guide for builders, architects, designers, masons, installers and other construction professionals illustrates typical applications of Adhered Manufactured Stone Veneer. Details in this guide that address the installation and detailing of Adhered Manufactured Stone Veneer and its interface with other building components are not intended as specific recommends. It is the responsibility of all design and construction professionals to determine the applicability and appropriate application and any detail to any specific project.

These construction details are provided to assist in the installation of Boral[®] Cultured Stone[®] product(s). These construction details will not necessarily apply to every design circumstance that you encounter. These construction details may, and most likely will, require modifications to meet your particular design requirements. Manufacturer accepts no responsibility or liability for the use of these or other construction details.



All things Stone ... and more

T: 1.800.977.8663 F: 1.800.788.6655 E: sales@canadianstone.com W: www.canadianstone.ca