WALL MUST BE SPRAYED w/ MORTAR ADHESIVE MATERIAL BEFORE SCRATCH COAT IS APPLIED

SCRATCH COAT

MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS

MORTAR JOINT

QUALITY STONE VENEER INSTALLED PER MANUFACTURER'S SPECIFICATIONS

NOTE: BLOCK MUST BE CLEAN AND FREE FROM DIRT AND OTHER FOREIGN MATERIAL BEFORE INSTALLATION OF STONE

PLAN VIEW

QSY-01.0 MANUFACTURED STONE ON C.M.U. WALL

QUALITY STONE VENEER
PHONE: 1-800-795-3226
FAX: 717-806-0561
WWW.QUALITYSTONEVENEER.COM

SCALE: 3" = 1'-0"
Mortar joints to be 1/2" pressed (to avoid cavities)
Slicked w/ 3/8" metal slicker, cut to edge of stone, then brushed lightly w/ soft brush to avoid any brush marks

Quality stone veneer pieces need to have 1/2" min. of type "S" mortar (2½p sand - 1p type "S" mortar) scratched to back of pcs. w/ edges built up to 1/2" then pressed into scratch coat w/ movement to insure good bond (mortar joints between stone to be 1/2" maximum)

Scratch coat should be minimum of 1/4" thick, then rouged w/ scáfirc (type "S" mortar should be used w/ 2½p sand - 1p mortar)

C.M.U. wall - wall must be sprayed w/ mortar adhesive material before scratch coat is applied
PLAN VIEW

CONCRETE WALL

WALL MUST BE SPRAYED WITH MORTAR ADHESIVE MATERIAL BEFORE SCRATCH COAT IS APPLIED

SCRATCH COAT

MORTAR SETTING BED PER MANUFACTURER’S SPECIFICATIONS

MORTAR JOINT

QUALITY STONE VENEER INSTALLED PER MANUFACTURER’S SPECIFICATIONS

NOTE: CONCRETE MUST BE CLEAN AND FREE FROM DIRT AND OTHER FOREIGN MATERIAL BEFORE INSTALLATION OF STONE
MORTAR JOINTS TO BE $\frac{1}{2}''$ PRESSED (TO AVOID CAVITIES)
SLICKED w/ 3/8'' METAL SLICKER,
CUT TO EDGE OF STONE, THEN BRUSHED LIGHTLY w/ SOFT BRUSH TO AVOID ANY BRUSH MARKS

QUALITY STONE VENEER PIECES NEED TO HAVE $\frac{1}{2}''$ MIN. OF TYPE "S" MORTAR (2$\frac{1}{2}$p SAND - 1p TYPE "S" MORTAR)
SCRATCHED TO BACK OF PCS. w/ EDGES BUILT UP TO $\frac{1}{2}''$ THEN PRESSED INTO SCRATCH COAT w/ MOVEMENT TO INSURE GOOD BOND (MORTAR JOINTS BETWEEN STONE TO BE $\frac{1}{2}''$ MAXIMUM)

SCRATCH COAT SHOULD BE MINIMUM OF 1/4'' THICK THEN ROUGHED w/ SCAFIRE (TYPE "S" MORTAR SHOULD BE USED w/ 2$\frac{1}{2}$p SAND - 1p MORTAR)

CONCRETE WALL WALL MUST BE SPRAYED w/ MORTAR ADHESIVE MATERIAL BEFORE SCRATCH COAT IS APPLIED

ELEVATION VIEW

QSV-04.0 MANUFACTURED STONE ON CONCRETE WALL QUALITY STONE VENEER

PHONE: 1-800-786-3226
FAX: 717-806-0961
WWW.QUALITYSTONEVENeer.COM
STUD WALL
SHEATHING
TWO (2) LAYERS WEATHER-RESISTANT BARRIER
MINIMUM 2.5" SELF-FURRING GALVANIZED METAL LATH
SCRATCH COAT
MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS
MORTAR JOINT

QUALITY STONE VENEER OUTSIDE CORNER- INSTALLED PER MANUFACTURER'S SPECIFICATIONS

TWO (2) LAYERS WEATHER-RESISTANT BARRIER TO BE CONTINUOUS- MINIMUM 18" FROM EACH CORNER

PLAN VIEW

QSY-07.0
OUTSIDE CORNER INSTALLATION DETAIL AT MANUF. STONE

SCALE: 3" = 1'-0"
PLAN VIEW

QUALITY STONE VENEER
OUTSIDE CORNER TRANSITION
AT MANUFACTURED STONE

SCALE: 3" x 1'-0"

BOOKMARK: "J" CHANNEL
SET BACK 2 1/2" - 2 3/4" FROM CORNER OF SHEATHING

VINYL SIDING

MORTAR JOINT / SEALANT

VINYL "J" CHANNEL

MINIMUM 2.5" SELF-FURRING GALVANIZED METAL LATH

MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS

TWO (2) LAYERS WEATHER-RESISTANT BARRIER TO BE CONTINUOUS
MINIMUM 18" FROM EACH CORNER

TWO (2) LAYERS WEATHER-RESISTANT BARRIER

QUALITY STONE VENEER
OUTSIDE CORNER INSTALLED PER
MANUFACTURER'S SPECIFICATIONS

SHEATHING

STUD WALL
PLAN VIEW

QSY-09.0
INSIDE CORNER TRANSITION
AT MANUFACTURED STONE
FOR BRICK OR STUCCO TRANSITION

QUALITY STONE VENEER
PHONE: 1-800-795-3228
FAX: 77-808-0581
WWW.QUALITYSTONEVENEER.COM
STUD WALL
SHEATHING
TWO (2) LAYERS WEATHER-RESISTANT BARRIER
MINIMUM 2.5" SELF-FURRING GALVANIZED METAL LATH
SCRATCH COAT
MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS
MORTAR JOINT
QUALITY STONE VENEER INSTALLED PER MANUFACTURER'S SPECIFICATIONS
MORTAR JOINT
VINYL J CHANNEL, SET BACK 1 1/2" FROM FACE OF SHEATHING
VINYL SIDING
TWO (2) LAYERS WEATHER-RESISTANT BARRIER TO BE CONTINUOUS - MINIMUM 18" FROM EACH CORNER
SHEATHING

PLAN VIEW
STUD WALL
SHEATHING
TWO (2) LAYERS WEATHER-RESISTANT BARRIER TO BE CONTINUOUS-
MINIMUM 18" FROM TRANSITION
MINIMUM 2.5" SELF-FURRING GALVANIZED METAL LATH
SCRATCH COAT
MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS
QUALITY STONE VENEER INSTALLED PER MANUFACTURER'S SPECIFICATIONS
MORTAR JOINT / SEALANT VINYL "J" CHANNEL
VINYL SIDING

PLAN VIEW

QSV-11.0
FLAT SURFACE TRANSITION AT MANUFACTURED STONE
FOR BRICK, STUCCO, MARBLE, WOOD & VINYL SIDING TRANSITION
QUALITY STONE VENEER
PHONE: 1-800-795-3228
FAX: 717-806-0361
WWW.QUALITYSTONEVENEER.COM
6" RUBBER ICE & WATER SHIELD LAPPED OVER BOTTOM PIECE AND ADHEARED ¼" ONTO WINDOW REVEAL. PIECES INSTALLED AS NUMBERED 1 THRU 3

CONTINUATION OF WEATHER-RESISTANT BARRIER LAPPED 2" OVER BOTTOM PIECE TO WINDOW EDGE

WINDOW NAILING FLANGE

TWO (2) LAYERS WEATHER-RESISTANT BARRIER W/ MINIMUM 2" OVERLAP SHOWN UNDER RUBBER ICE & WATER SHIELD

ELEVATION VIEW

QSY-12.0

RUBBER ICE & WATER SHIELD INSTALLATION INSTRUCTIONS

QUALITY STONE VENEER

PHONE: 1-800-783-3229
FAX: 717-826-0361
WWW.QUALITYSTONEVEENEER.COM
SECTION VIEW

NOTE: REFER TO WINDOW MANUFACTURER'S SPECIFICATIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.
Section View

QSY-14.0
Scale: 3" = 1'-0"
Top of Window Detail at Manufactured Stone
Installation at Concrete Wall

Quality Stone Veneer
Phone: 1-800-788-3228
Fax: 717-866-0961
www.qualitystoneveneer.com

Concrete Wall

Wall must be sprayed
w/ Mortar Adhesive
Material before scratch coat is applied

Minimum 2.5" Self-Furring Galvanized Metal Lath
Install lath over rubber and extend lath 2" beyond end of rubber

6" Rubber Ice & Water Shield

Scratch Coat

Mortar Setting Bed per Manufacturer's Specifications

3/4" Saw cut in Concrete Wall to receive Metal Flashing

Quality Stone Veneer installed per manufacturer's specifications

Window Nailing Fin
Sealant behind Nailing Fin
1/8" Minimum Expansion Joint

Metal flashing w/
1/4" Drip Edge over Window

Window and Frame

Note: Refer to Window manufacturer's specifications for specific installation requirements.
SECTION VIEW

QSY-15.0

SCALE: 3" = 1'-0"

TOP OF WINDOW DETAIL
AT MANUFACTURED STONE
INSTALLATION AT C.M.U. WALL

QUALITY STONE VENEER
PHONE: 1-800-766-3228
FAX: 717-806-0861
WWW.QUALITYSTONEVENEUR.COM

NOTE: REFER TO WINDOW MANUFACTURER’S SPECIFICATIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.
NOTE: REFER TO WINDOW MANUFACTURER’S SPECIFICATIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.
NOTE: REFER TO WINDOW MANUFACTURER’S SPECIFICATIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.
SECTION VIEW

VINYL SIDING

SHEATHING

RIM BOARD

METAL FLASHING

RUBBER ICE & WATER SHIELD

MINIMUM 2.5" SELF-FURRING GALVINIZED METAL LATH

2½" MINIMUM OVERHANG FROM FACE OF BLOCK TO FACE OF SHEATHING

CMU OR CONCRETE WALL

WALL MUST BE SPRAYED W/ MORTAR ADHESIVE MATERIAL BEFORE SCRATCH COAT IS APPLIED

SCRATCH COAT

MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS

MORTAR JOINT

QUALITY STONE VENEER INSTALLED PER MANUFACTURER'S SPECIFICATIONS

NOTE: BLOCK MUST BE CLEAN AND FREE FROM DIRT AND OTHER FOREIGN MATERIAL BEFORE INSTALLATION OF STONE

QSV-19.0

MANUFACTURED STONE ON FOUNDATION WALL

CMU OR CONCRETE

QUALITY STONE VENEER

PHONE: 1-800-785-3228
FAX: 717-606-0561
WWW.QUALITYSTONEVENEER.COM

SCALE: 3" = 1'-0"
SECTION VIEW

VINYL SIDING

ALUMINUM WRAP

DOUBLE 2x

METAL DRIP EDGE

STUD WALL

SHEATHING

TWO (2) LAYERS WEATHER-RESISTANT BARRIER

MINIMUM 2.5" SELF-FURRING GALVANIZED METAL LATH

SCRATCH COAT

MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS

MORTAR JOINT

QUALITY STONE VENEER INSTALLED PER MANUFACTURER'S SPECIFICATIONS

QSV-20.0

MANUFACTURED STONE BELOW TRIM ACCENT BAND

QUALITY STONE VENEER
PHONE: 1-800-789-3228
FAX: 717-806-0261
WWW.QUALITYSTONEVENEER.COM

SCALE: 3" = 1'-0"
SECTION VIEW

VINYL SIDING
WEATHER-RESISTANT BARRIER

DRIP EDGE

QUALITY STONE VENEER
WATERPROOF SILL (3"W x 2½"H) - INSTALLED PER MANUFACTURER'S SPECIFICATIONS

MORTAR JOINT

STUD WALL

SHEATHING
TWO (2) LAYERS WEATHER-RESISTANT BARRIER

MINIMUM 2.5' SELF-FURRING GALVANIZED METAL LATH

SCRATCH COAT
MORTAR SETTING BED PER MANUFACTURER'S SPECIFICATIONS

QUALITY STONE VENEER
INSTALLED PER MANUFACTURER'S SPECIFICATIONS

QSY-21.0
MANUFACTURED STONE
AT KNEE WALL
FOR STUCCO, MASONITE,
WOOD & VINYL SIDING

QUALITY STONE VENEER
PHONE: 1-800-769-3226
FAX: 714-802-0961
WWW.QUALITYSTONEVENEER.COM
QUALITY STONE VENEER INSTALLED PER MANUFACTURER'S SPECIFICATIONS

TWO (2) LAYERS WEATHER-RESISTANT BARRIER PER MANUFACTURER'S SPECIFICATIONS

2x4 CAPPED w/ METAL COUNTERFLASHING OVER STEP FLASHING

6" RUBBER ICE & WATER SHIELD

ROOF STEP FLASHING AND RUBBER ICE & WATER SHIELD MUST TURN OUT IN MORTAR JOINT AT ROOF EDGE TO KEEP WATER FROM RUNNING BEHIND VENEERS BELOW ROOF EDGE

METAL KICKOUT INSTALLED PER MANUFACTURER'S SPECIFICATIONS TO DEFLECT WATER AWAY FROM STONE

QUALITY STONE VENEER INSTALLED PER MANUFACTURER'S SPECIFICATIONS

ELEVATION VIEW

QSY-22.0  STONE OVER ROOF DETAIL  QUALITY STONE VENEER

NO SCALE

PHONE: 1-800-785-3229
FAX: 771-806-0341
WWW.QUALITYSTONEVENEER.COM
Window heads should have stone extending minimum 4" out over top of window to give appearance of natural lintel.

Side of windows and doors should be keyed together.

Corners may need to be cut w/ saw so that they are keyed together with flats.
ELEVATION VIEW

1. Place a bead of mortar on inside corner to seal corner

2. Press one stone into grout bead from one direction against 1st inside wall

3. Follow with same procedure with next stone to wall **2**

Felt to be min. 18" both directions, overlapped 2" starting from bottom to top

Minimum 2.5" self-furring galvanized metal lath and scratch coat
DRIP CAP AND 6" RUBBER ICE & WATER SHIELD TO ALL WINDOW HEADS W/ DRIP EDGE EXTENDING A MINIMUM OF 1 1/2" PAST SIDES OF WINDOW

INSTALL Q.S.Y. SHUTTER BLOCK 3" FROM TOP & BOTTOM AND AT THE WINDOW MIDPOINT ON BOTH SIDES OF WINDOW

FOLLOW INSTALLATION INSTRUCTIONS FOR MANUFACTURER'S SPECIFICATIONS FOR RUBBER ICE & WATER SHIELD, TWO (2) LAYERS WEATHER-RESISTANT BARRIER, MINIMUM 2.5" SELF-FURRING GALVANIZED METAL LATH & MORTAR SETTING BED

WINDOW SILL W/ SLOPE AWAY FROM WINDOW, CUT MORTAR JOINT OUT SO THAT SILL MAY BE CAULKED LATER BY CONTRACTOR

ELEVATION VIEW

QSY-25.0
SCALE: 3" = 1'-0"

SHUTTER BLOCK INSTALLATION INSTRUCTIONS

QUALITY STONE VENEER
PHONE: 1-800-783-3229
FAX: 717-866-0341
WWW.QUALITYSTONEVENEER.COM
MANTLE (6'9" x 12'18")

48" METAL CLIP
TOP PANEL

4" FIREBOX METAL EXTENSION
8" METAL CLIP

NOTE: ADHESIVE MUST BE USED ON THE BACK AND BETWEEN ALL PANELS

SIDE PANEL

8" METAL CLIP

HEARTH STONES- ADHESIVE MUST BE USED TO ATTACH HEARTH STONES TO RAISED HEARTH PLATFORM OR SUBFLOOR

RAISED HEARTH (OPTIONAL)

FRONT VIEW

RAISED HEARTH PLAN

1/8" PLYWOOD OVER WOOD FRAME
BY CUSTOMER
14½"x62½" OR 14½"x66¾"

METAL BRICK TIES
STONE FACING

68"/73"

QSY-26.0
QUALITY STONE VENEER
PHONE: 1-800-786-3228
FAX: 717-806-0561
WWW.QUALITYSTONEVENEER.COM

SCALE: 1/8" = 1'-0"
- Flip-flop every other corner. Cut to wall where return is more than 2½", cutting pieces to fit return.
- Keep mantel level and at a height of 4'-6" to 5'-0", depending on ceiling height of the residence.
- Set mantel brackets vertical w/ inside legs of fireplace face so tab can be nailed to stud on each side of fireplace face.
- Give appearance of lintel.
- Use masking tape to cover black band around firebox. Remove tape after joints have set and are brushed.
- Cut mortar joint back to edge of stone. Not a 1"-2" mortar joint cut onto drywall at edge of fireplace faces.
- Key all stone work together.
- Cut joint back or keep flat at flat Q.S.V. to Q.S.V. hearth.
- 3" overhang of rough hearth to allow for 1" reveal after installation of quality stone veneer.
- Cut mortar joint at bottom of stone work to subfloor, to allow for carpet tack strip eliminating cracking at mortar joint.
- Hearth pieces to be equal lengths, (length of hearth divided by # of pieces.)

ELEVATION VIEW

QSV-28.0
QUALITY STONE VENEER
NO SCALE
QUALITY STONE VENEER
STONE
PHONE: 1-800-765-3228
FAX: 717-806-0261
WWW.QUALITYSTONEVENEER.COM
2½" SIMULATED FLAG CAP w/ 3" OVERHANG, CAP w/ CEMENT 2" MINIMUM SLOPE

USE 6" RUBBER ICE & WATER SHIELD AS COUNTER FLASHING OVER STEP FLASHING WHEN 2x4 BAND NOT USED

CRICKET

6" RUBBER ICE & WATER SHIELD OVER COUNTER FLASHING RETURNS ON CHIMNEY

2 x 4 BAND w/ COUNTER FLASHING OVER STEP FLASHING

OTHER EXTERIOR VENEERS w/ STEP OR "J" CHANNEL SET BACK 1" FROM CHIMNEY

GROUT VOID TO CHIMNEY FULL BEFORE INSTALLATION OF Q.S.V., PRESSING Q.S.V. COMPONENTS INTO GROUTED VOID

Q.S.V. SIMULATED CAP TO CONTINUE TO ROUGH CHIMNEY BEFORE INSTALLATION OF Q.S.V.

CUT "V" GROOVE IN MORTAR JOINT AT "J" CHANNEL OR STOP BEAD SO SEALANT MAY BE INSTALLED AT LATER DATE IF SHRINKING OCCURS

Q.S.V. SIMULATED CAP OR NATURAL FLAGSTONE w/ 1" OVERHANG OF STONE. CORNER Q.S.V. STONES: RUN SHORT RETURN TOWARD FACE OF CHIMNEY

3" RUBBER ICE & WATER SHIELD INSTALLED w/ 3" RETURN ON MASONRY CHIMNEYS, 3" RETURN ON FRAME CHIMNEYS, INSTALL IN ORDER OF * FROM BOTTOM TO TOP WITH MINIMUM 6" OVERLAP

ELEVATION VIEW

QSV-29.O

CHIMNEY TO Grade w/ RAKES DETAIL

QUALITY STONE VENEER
PHONES: 1-800-795-3328
FAX: 717-806-0961
WWW.QUALITYSTONEVENEER.COM