

Remove existing siding and old fiberboard. Install new R13/FCD insulation and new 15/32 4-ply plywood using 2 1/2" exterior screws. Apply vapor barrier, using TP15 roof felt for protection. Secure with steel staples.

At base of wood structured areas, install Keene Driwall Weep Screed, using 1" DSV screws.

In front of first layer of vapor barrier, apply a second layer, using a 1/2" thick Mortar Net Driplane Kreen (using 1/4" steel staples).

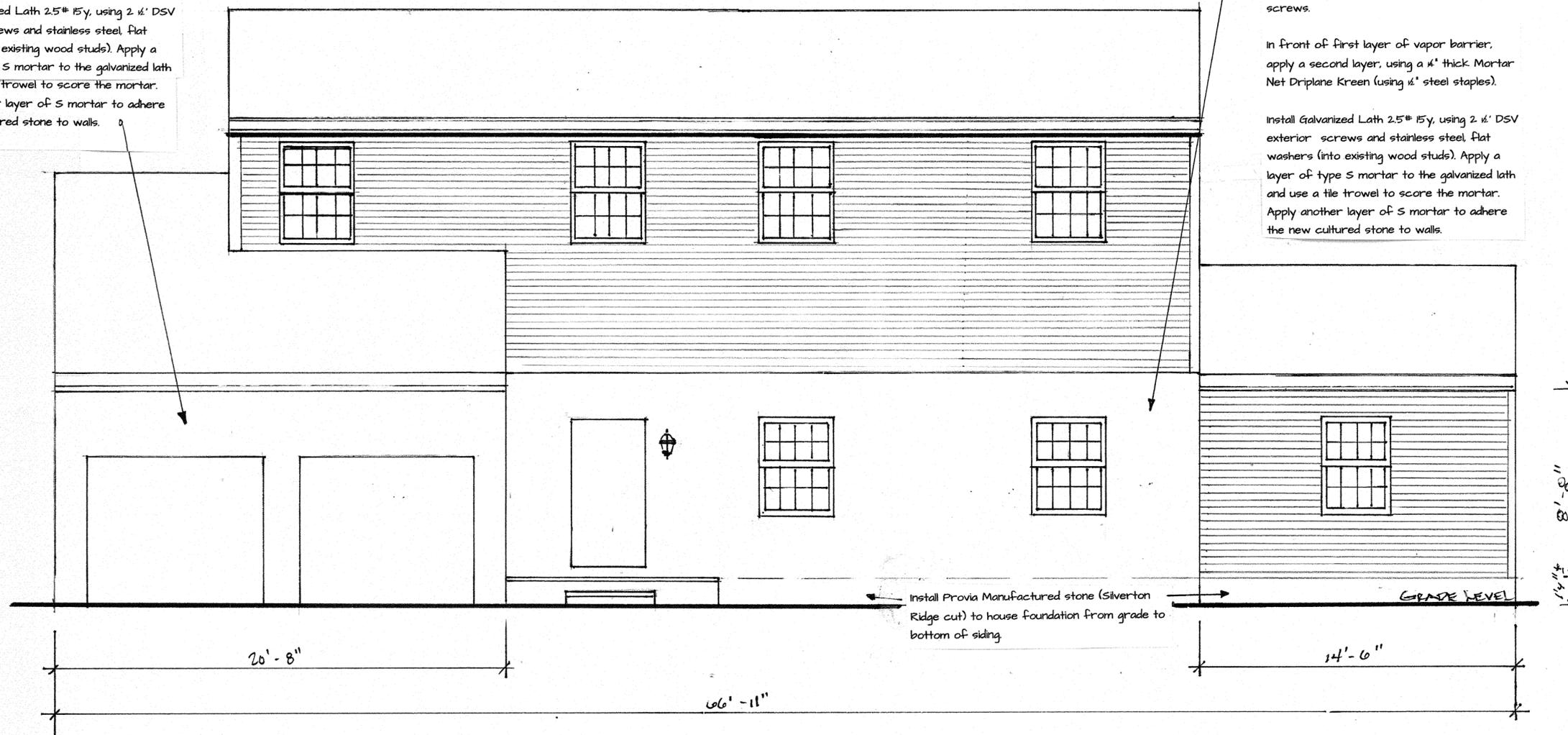
Install Galvanized Lath 2.5# 15y, using 2 1/2" DSV exterior screws and stainless steel flat washers (into existing wood studs). Apply a layer of type S mortar to the galvanized lath and use a tile trowel to score the mortar. Apply another layer of S mortar to adhere the new cultured stone to walls.

Remove existing brick veneer and old fiberboard. Install new R13/FCD insulation and new 15/32 4-ply plywood using 2 1/2" exterior screws. Apply vapor barrier, using TP15 roof felt for protection. Secure with steel staples.

At base of wood structured areas, install Keene Driwall Weep Screed, using 1" DSV screws.

In front of first layer of vapor barrier, apply a second layer, using a 1/2" thick Mortar Net Driplane Kreen (using 1/4" steel staples).

Install Galvanized Lath 2.5# 15y, using 2 1/2" DSV exterior screws and stainless steel flat washers (into existing wood studs). Apply a layer of type S mortar to the galvanized lath and use a tile trowel to score the mortar. Apply another layer of S mortar to adhere the new cultured stone to walls.



FRONT ELEVATION
SCALE: 1/4" = 1'-0"

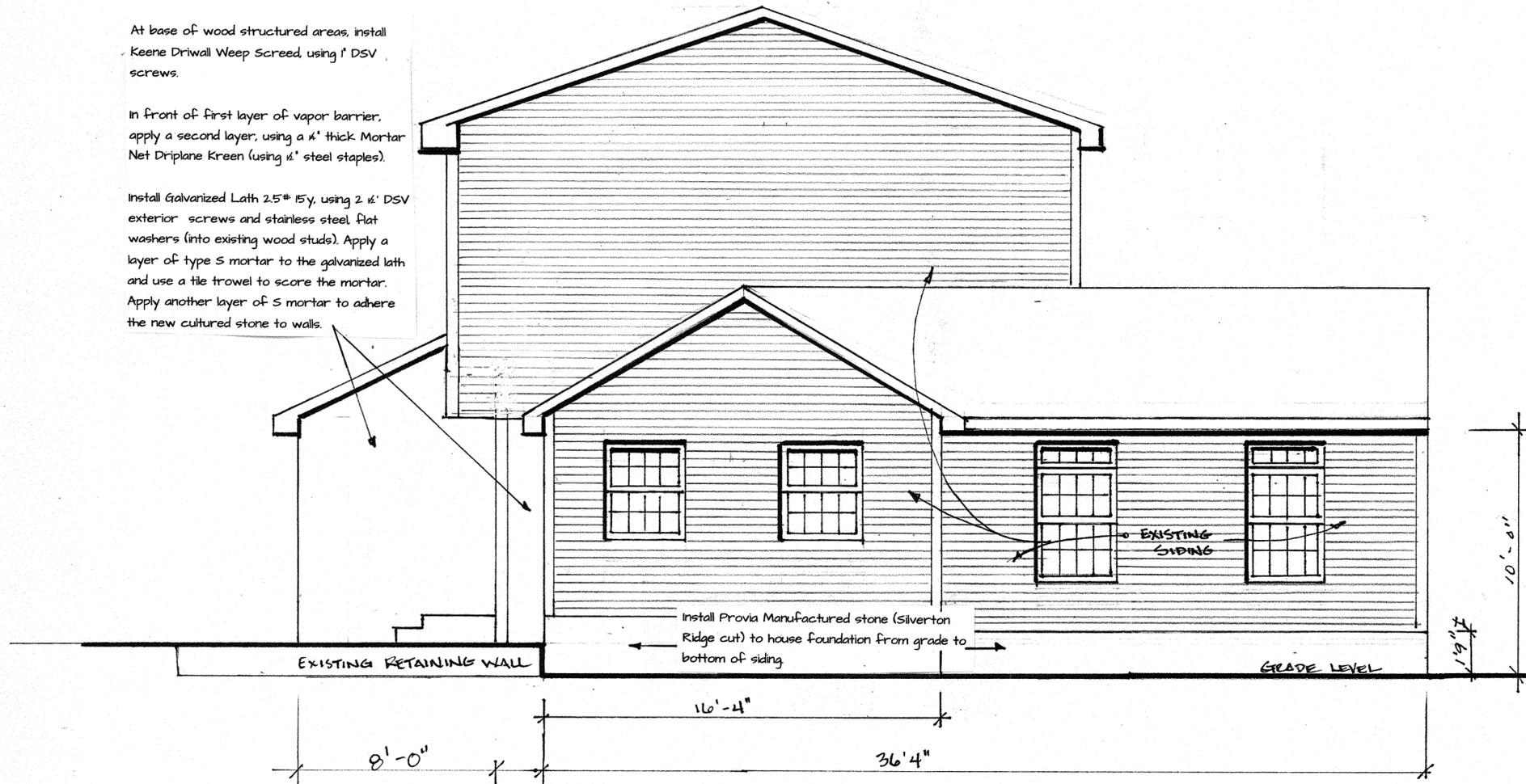
FARRELL RESIDENCE		
SCALE: 1/4" = 1'-0"	APPROVED BY:	DRAWN BY: <i>WHELLS</i>
DATE:		REVISED:
1973 STONEY HILL DR., HUDSON, OH 44236		
A. RHINEHART CONSTRUCTION		DRAWING NUMBER 1 OF 3

Remove existing siding and old fiberboard.
 Install new R38FCD insulation and new 15/32
 4-ply plywood using 2 1/2" exterior screws.
 Apply vapor barrier, using TPI5 roof felt for
 protection. Secure with steel staples.

At base of wood structured areas, install
 Keene Driwall Weep Screed, using 1" DSV
 screws.

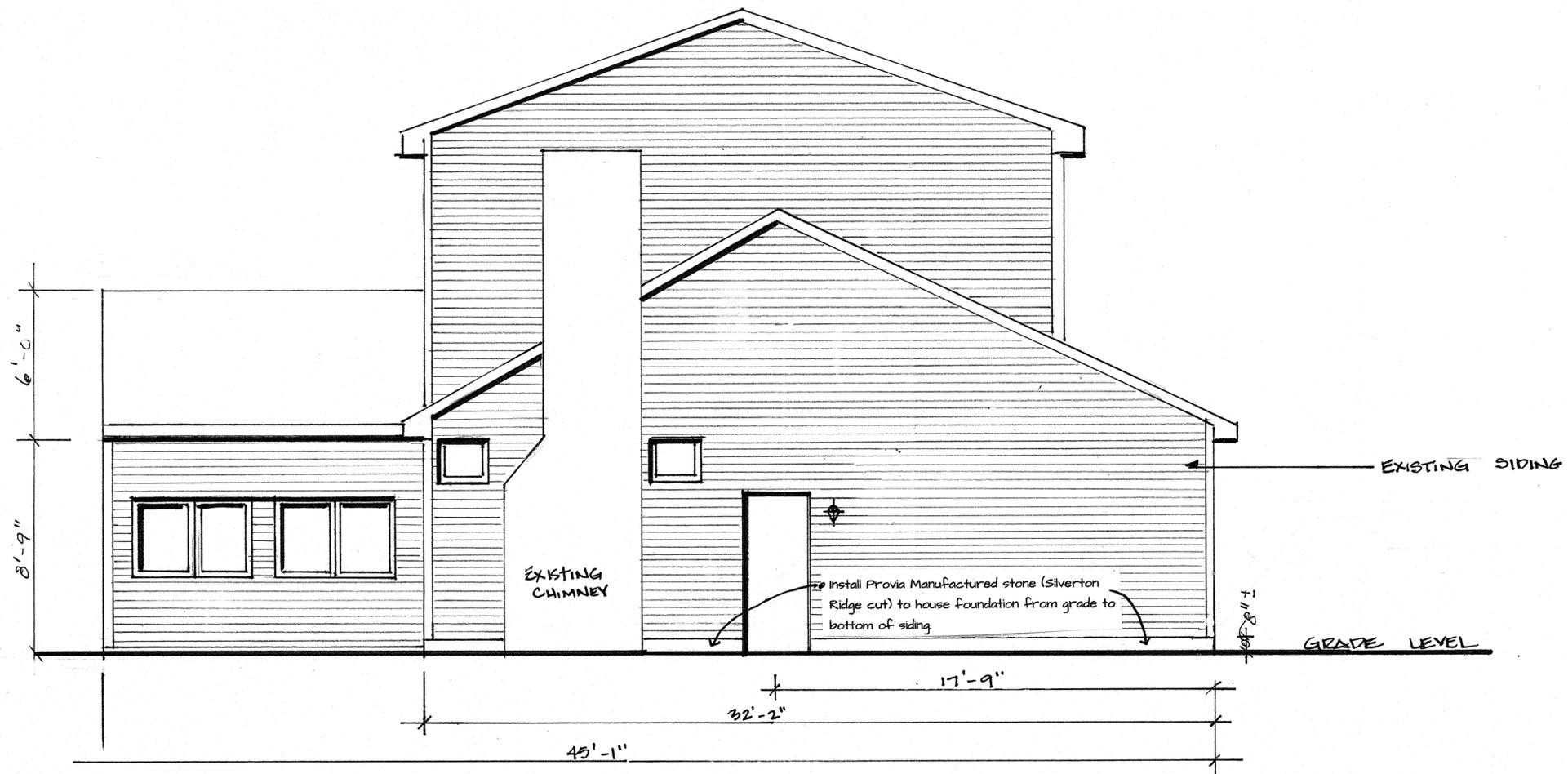
In front of first layer of vapor barrier,
 apply a second layer, using a 1/2" thick Mortar
 Net Driplane Kreen (using 1/4" steel staples).

Install Galvanized Lath 2.5# 15y, using 2 1/2" DSV
 exterior screws and stainless steel flat
 washers (into existing wood studs). Apply a
 layer of type S mortar to the galvanized lath
 and use a tile trowel to score the mortar.
 Apply another layer of S mortar to adhere
 the new cultured stone to walls.



SIDE ELEVATION
 SCALE: 1/4" = 1'-0"

FARRELL RESIDENCE		
SCALE: 1/4" = 1'-0"	APPROVED BY:	DRAWN BY: WJENLJ
DATE: 4/1/21		REVISED:
1973 STONEY HILL DR., HUDSON, OH 44236		
A. RHEINHART CONSTRUCTION	DRAWING NUMBER	2 OF 3



FARRELL RESIDENCE		
SCALE: 1/4" = 1'-0"	APPROVED BY:	DRAWN BY: NIELLS
DATE: 4/1/21		REVISED:
1973 STONEY HILL DR., HUDSON, OH 44236		
A. RHINEHART CONSTRUCTION	DRAWING NUMBER	3 of 3

Alteration Application: C21-257

Dave & Sarah Farrell

1973 Stoney Hill Dr.

Hudson, OH 44236

Alteration: Remove brick and lower-level siding on front of house and replace with Provia Manufactured stone. Current brick is falling apart and does not tie with the rest of the improvements to the house. Brick look is very dated – this is the original brick from 1972. Plywood and Insulation (behind brick) are deteriorated (original from 1972).

Current house: Built 1972 – New siding was added in 2005.



Stone would be added in the following areas:

1. Around the garage doors (remove siding) – no change to the white trim around garage doors
2. Entire area on porch – stone will wrap around from the garage across front of house.
3. Foundation on East side extension (single story) – the foundation area below siding will have stone wrapped around to the fence. Siding and shutter will remain in place.
4. Foundation on the West side of the house – up to the fence.

Material to be used: ProVia Manufactured Stone – Silverton Ridge cut

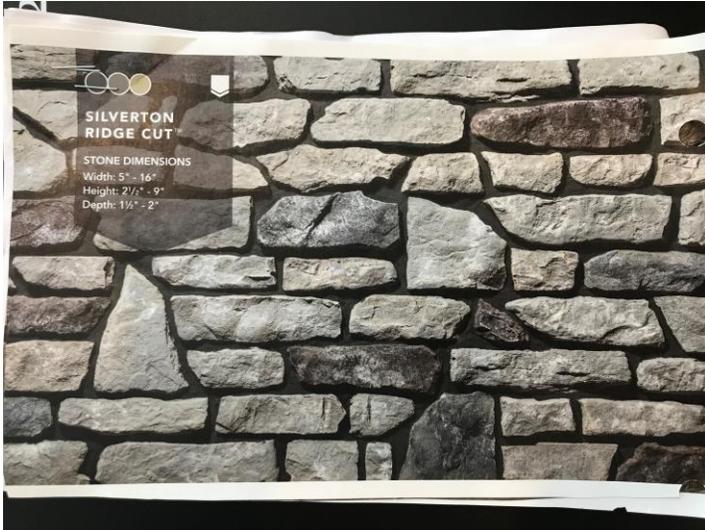


Image creation from the ProVia Web site:

Stone would also be added to the lower level extension (below siding) & foundation on both sides of the house – up to the fence. Stone will be around both garage doors.



Stone would be added along foundation (underneath siding) up to Chimney. All exposed brick would be covered with Stone. Single material from fence around house.



If the Chimney brick material is an issue – we would remove the chimney entirely and replace the siding in that area. Fireplace was removed from inside the house in 2005, and chimney was capped.

Photos of the sides and rear of the house:







— MANUFACTURED STONE —

ARCHITECTURAL SPECS

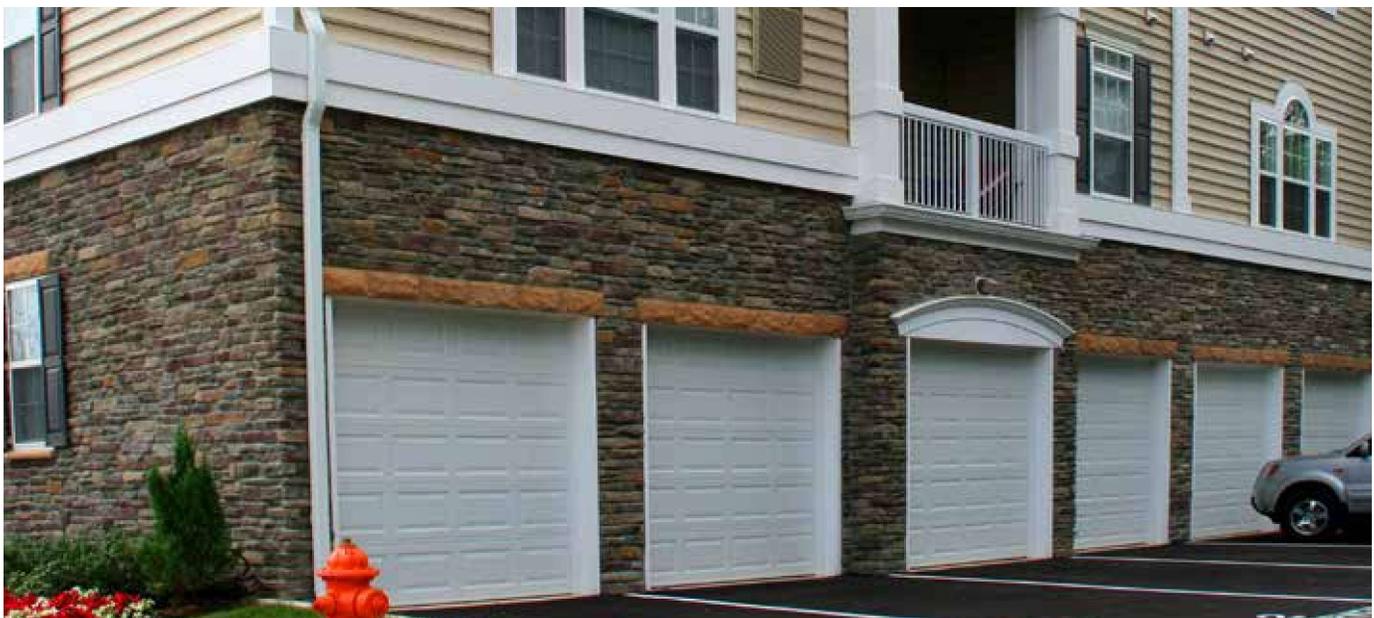
Architectural Technical Data

ProVia's stone products are designed to meet or exceed building code requirements. Independent testing confirms compliance with the IAPMO Acceptance Criteria (AC51) for Precast Manufactured Stone. (Supporting test data is available upon request.)

Building codes may vary by area. Check with local building officials before installing stone.

For additional technical information please visit: provia.com/professionals

Ingredients	Light Weight Aggregate, Portland Cement, Mineral Oxide Color Pigment
Code Acceptability & Certification	 NCMA Certification  IAPMO ER - 462  ASTM C1670
Color Retention	Only permanent mineral oxide color pigments are used. Even after years of weathering, no objectionable color change can be observed.
Freeze- Thaw Durability	Tested in accordance with ASTM C1690 - Less than 1.5 percent weight loss at 50 cycles.
Shear Bond (Adhesion)	Tested in accordance with ASTM C1670 - greater than 50 psi shear bond strength.
Absorption	Tested in accordance with ASTM C1670
Saturated Density	Tested in accordance with ASTM C1670- weight less than 15lbs per square foot saturated.
Thermal Resistance	Tested in accordance with ASTM C177- R value .62 (FT ² - F- HR) / BTU at 1.5 inch thickness.
Compressive Strength	Tested in accordance with ASTM C1670 compressive strength is greater than 2100 psi.
Weight Per Square Foot	All adhered manufactured stone veneer profiles weight less than 15lbs per square foot saturated.
Windload	2017 Florida Building Code, Building (FBC, Building) 2017 Florida Building Code, Residential (FBC, Residential) Not intended for Florida high velocity hurricane zones



NCMA Certification

White Mix - Natural Cut™ Product Line	MSV-19001-01
Grey Mix - Natural Cut™ Product Line	MSV-19001-02
White & Grey Mix - Natural Cut™ Product Line	MSV-19001-03
White Mix - PrecisionFit™ Product Line	MSV-19001-04
Grey Mix - PrecisionFit™ Product Line	MSV-19001-05
White & Grey Mix - Precision Fit™ Product Line	MSV-19001-06
White Mix - Ledgestone Product Line	MSV-19001-07
Grey Mix - Ledgestone Product Line	MSV-19001-08
White & Grey Mix - Ledgestone Product Line	MSV-19001-09
White Mix - Dry Stack Product Line	MSV-19001-10
Grey Mix - Dry Stack Product Line	MSV-19001-11
White & Grey Mix - Dry Stack Product Line	MSV-19001-12
White Mix - Limestone Product Line	MSV-19001-13
Grey Mix - Limestone Product Line	MSV-19001-14
White & Grey Mix - Limestone Product Line	MSV-19001-15
White Mix - Terra Cut™ Product Line	MSV-19001-16
Grey Mix - Terra Cut™ Product Line	MSV-19001-17
White & Grey Mix - Terra Cut™ Product Line	MSV-19001-18
White Mix - Chisel Cut™ Product Line	MSV-19001-19
Grey Mix - Chisel Cut™ Product Line	MSV-19001-20
White & Grey Mix - Chisel Cut™ Product Line	MSV-19001-21
White Mix - River Rock Product Line	MSV-19001-22
Grey Mix - River Rock Product Line	MSV-19001-23
White & Grey Mix - River Rock Product Line	MSV-19001-24
White Mix - Fieldstone Product Line	MSV-19001-25
Grey Mix - Fieldstone Product Line	MSV-19001-26
White & Grey Mix - Fieldstone Product Line	MSV-19001-27
White Mix - Edge Cut™	MSV-19001-28
Grey Mix - Edge Cut™	MSV-19001-29
Grey Mix - Ridge Cut™	MSV-19001-30
White & Grey Mix - Ridge Cut™	MSV-19001-31

Technical Data (cont.)

RIDGE CUT™				
Product Dimensions		Coverage	Packaging	Weight
Flats	Width: 5" - 16"	10 sq. ft. based on ½" minimum grout joints	Box	92 lbs
	Height: 2½" - 9"		Pallet (24 boxes)	2,258 lbs*
90° Corners	Depth: 1½" - 2"	6 linear ft. based on ½" minimum grout joints	Box	70 lbs
	Long Tails: 9¼" - 10"		Pallet (24 boxes)	1,730 lbs*
	Medium Tails: 7" - 8"			
	Short Tails: 4½" - 6"			

*50 lbs added for pallet weight



March 16, 2021 at 3:28:30 PM EDT











