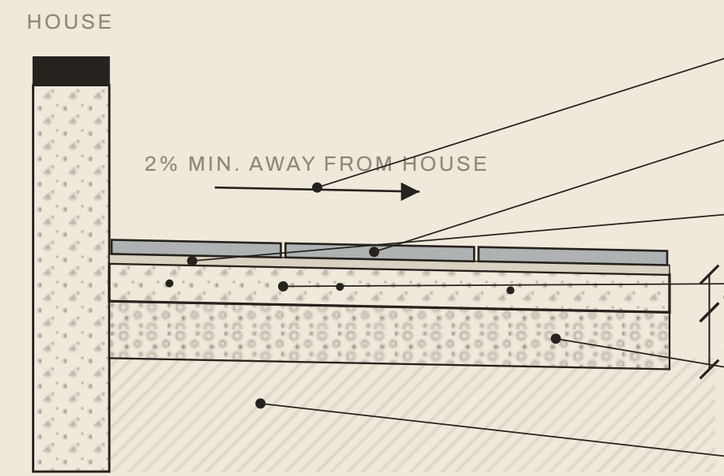
A · WET-SET STONE PATIO

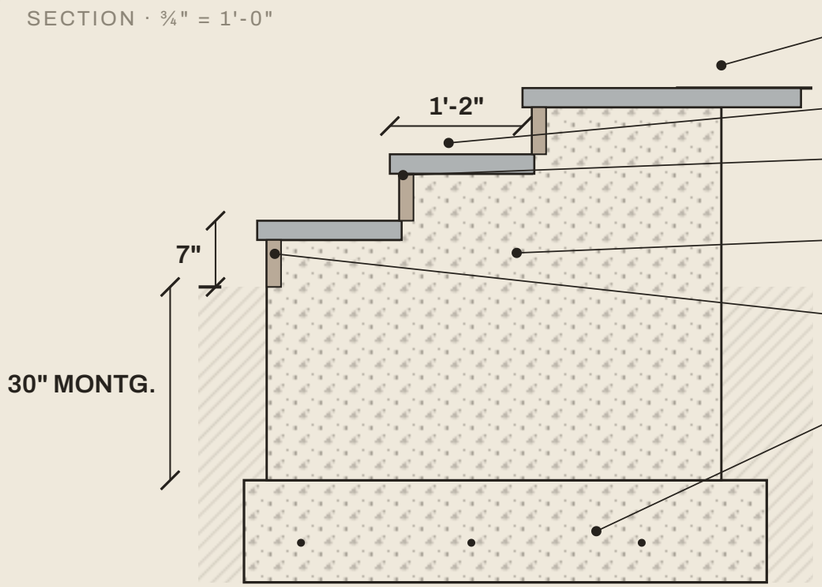
SECTION · ¾" = 1'-0"



1. Pitch 2% min. away from the house (IRC R401.3) to a drain or lawn.
2. Natural stone, 1½" min., wet-set — Blue Select bluestone or flagstone per proposal; joints ⅜"–½", mortar packed and tooled.
3. Mortar setting bed, 1" nominal, Type S (ASTM C270), with a cement bond coat on the slab.
4. Concrete slab, 4", 4,000 psi air-entrained, reinforced (#4 @ 18" o.c. e.w. or 6×6 W2.9 WWF); control joints under stone joints.
5. Graded aggregate base, 6" min., compacted in lifts to 95%.
6. Undisturbed or compacted subgrade. Topsoil and organics removed.

B · STONE STEP

SECTION · ¾" = 1'-0"



1. Handrail where there are 4 or more risers (IRC R311.7.8).
2. Tread depth 14" typical — 10" min (IRC R311.7.5.2).
3. Tread: 2" bluestone, 1" nosing, top pitched ⅛" per foot to shed water.
4. Concrete core, stepped, on the footing — never on fill.
5. Riser: 7" typical — 7¾" max (IRC R311.7.5.1); risers within ⅜" of each other in a flight.
6. Footing below frost depth: 24" Fairfax County, 30" Montgomery County; 4,000 psi, reinforced.

EDGAR STONE MASONRY LLC

Luxury residential stone masonry · D.C. · MD · VA

THE DESIGN COMMISSION

The Edgar Standard

Typical construction details

Typical · site conditions govern

SHEET

SD-1 · PATIO & STEPS

A · Wet-set stone patio · B · Stone step

SPECIFICATION

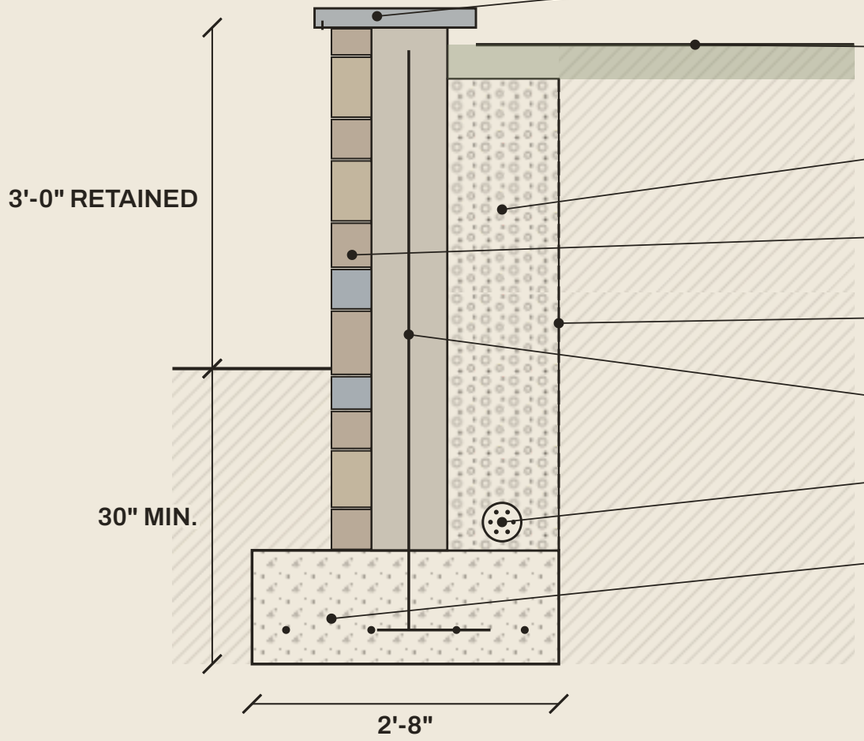
Typical. Site conditions govern.
Frost: 24" Fairfax · 30" Montgomery.
IRC R311.7 stairs · R401.3 slope.

DATE	SCALE	DRAWN
October 2026	¾" = 1'-0"	E.S.M.

Scales true on 11×17 at 100% · bar scales at any size.
Concept design. Final work per signed proposal.
Not for construction or permit.

C STONE RETAINING WALL

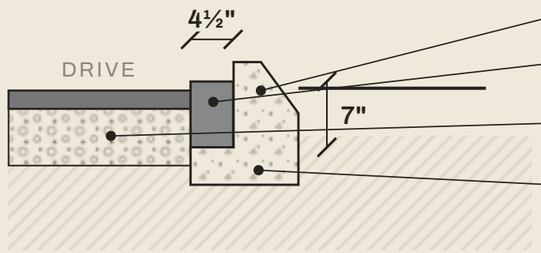
SECTION · ¾" = 1'-0" · TO 3'-0" RETAINED



1. Cap: 2" thermal bluestone, 1½" overhang with a drip edge.
2. Over 3'-0" retained — or with a driveway, slope or structure above — the wall needs a county permit and an engineer's design.
3. Drainage: 12" of #57 clean stone behind the wall, to within 6" of grade.
4. Stone face, 4" natural stone, full mortar bed, coursed; weeps at 6'-0" o.c. where the face is solid.
5. Filter fabric between the drainage stone and the soil.
6. Core: 8" CMU, fully grouted, #4 vertical @ 16" o.c. hooked into the footing.
7. 4" perforated drain at the heel, sloped to daylight or a drain.
8. Footing below frost, 12" thick, reinforced; on undisturbed soil.

D BELGIAN BLOCK BORDER

SECTION · ¾" = 1'-0"



1. Concrete haunch behind the block to ⅔ of its height — the block can't roll out.
2. Belgian block, granite, set to a string line, top ¼" below the drive surface.
3. Drive: asphalt or pavers on compacted aggregate base, finished tight to the block.
4. Concrete bed, 4" min. under the block, on firm ground below the drive base.

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Typical construction details

Typical · site conditions govern

SHEET

SD-2 · WALLS & BORDERS

C · Retaining wall · D · Belgian block

SPECIFICATION

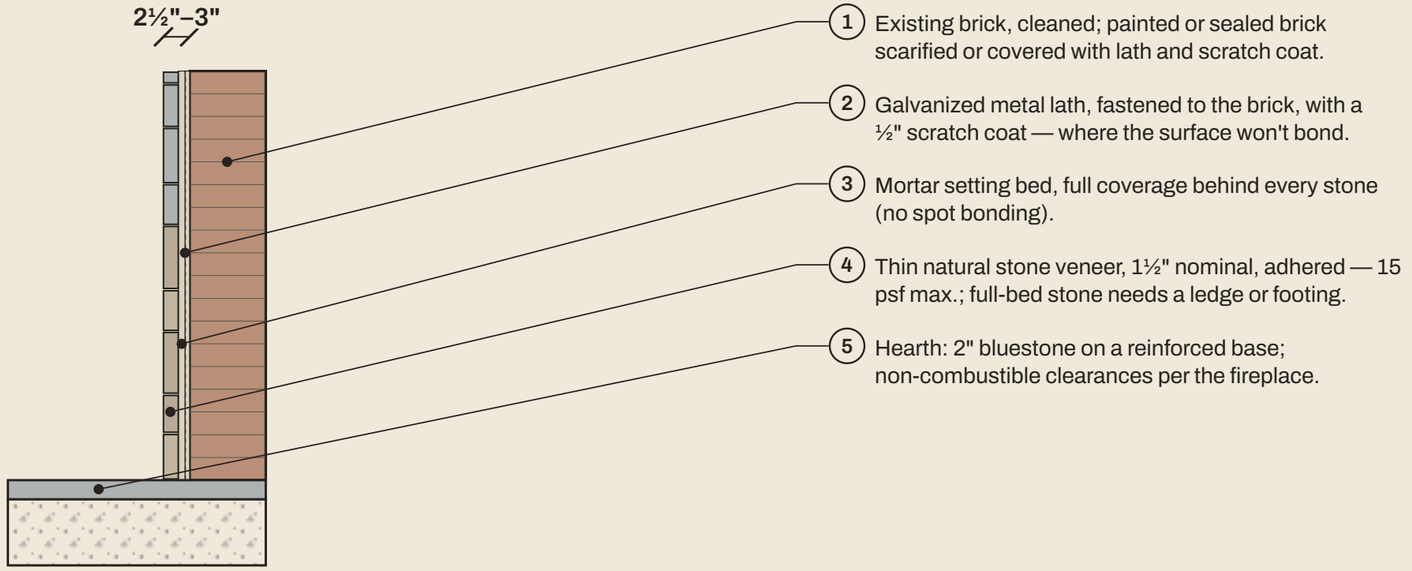
Walls over 3'-0" retained: permit and an engineer's design.
Drainage behind every wall.

DATE	SCALE	DRAWN
October 2026	¾" = 1'-0"	E.S.M.

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Concept design. Final work per signed proposal.
Not for construction or permit.

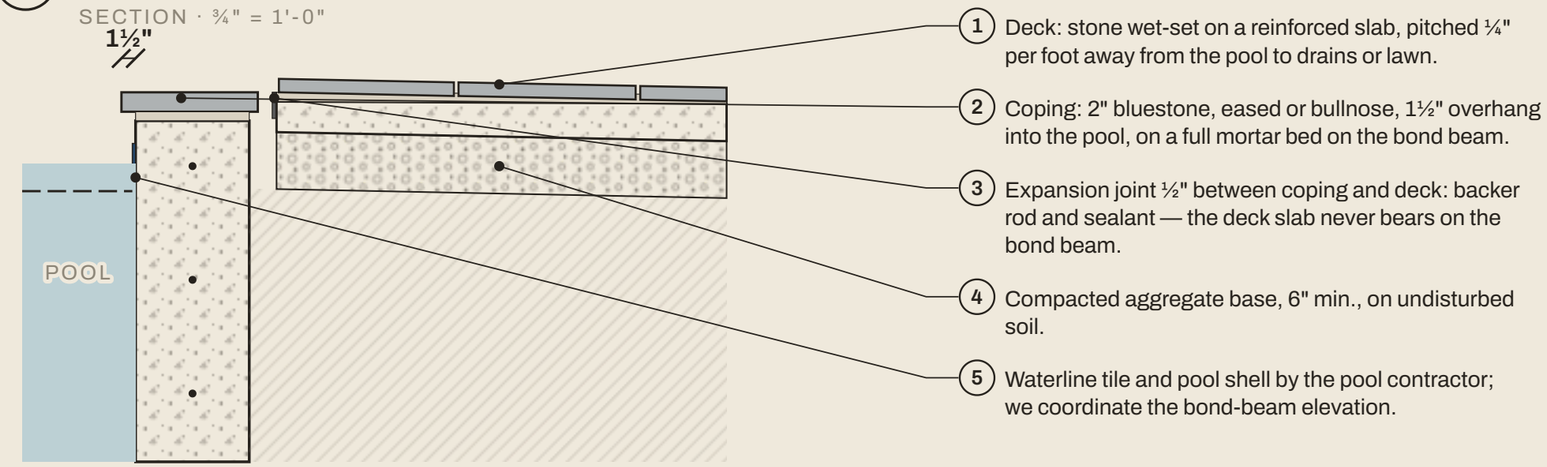
E NATURAL STONE VENEER OVER BRICK

SECTION · ¾" = 1'-0"



F POOL COPING AND DECK

SECTION · ¾" = 1'-0"



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Typical construction details

Typical · site conditions govern

SHEET

SD-3 · VENEER & COPING

E · Stone veneer · F · Pool coping

SPECIFICATION

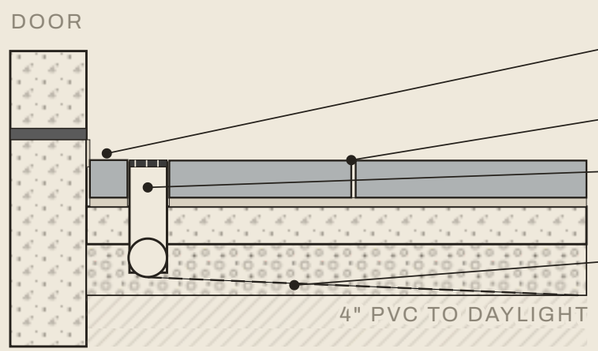
Adhered veneer 15 psf max.
Pool shell by the pool contractor.
Expansion joint at the coping.

DATE	SCALE	DRAWN
October 2026	¾" = 1'-0"	E.S.M.

Scales true on 11×17 at 100% · bar scales at any size.
Concept design. Final work per signed proposal.
Not for construction or permit.

G LINEAR DRAIN AT A DOOR

SECTION · ¾" = 1'-0"



1. Threshold: stone ½"–1" below the door sill, flashing per the door maker.
2. Stone pitched 2% to the drain (IRC R401.3 within 10'-0" of the house).
3. Linear trench drain at the threshold, grate flush with the stone, channel set in the slab.
4. 4" solid PVC from the drain outlet, sloped ⅛"/ft min. to daylight or a dry well.

H STONE PIER WITH LANTERN

SECTION · ¾" = 1'-0"

1. Cap: 3" bluestone, 1½" overhang each face with a drip groove.
2. Conduit in the core for the lantern, stubbed below grade for the electrician.
3. Stone face, 4" natural stone, full mortar bed, laid plumb on every corner.
4. Core: 16" CMU, fully grouted, #4 vertical each corner hooked into the footing; deeper footing where a gate hangs.
5. Footing below frost, 12" thick, reinforced, on undisturbed soil.

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The Edgar Standard

Typical construction details

Typical · site conditions govern

SHEET

SD-4 · DRAINS & PIERS

G · Linear drain · H · Stone pier

SPECIFICATION

Water leaves every surface by a planned route.

Conduit set before the stone.

DATE	SCALE	DRAWN
October 2026	¾" = 1'-0"	E.S.M.

Scales true on 11×17 at 100% · bar scales at any size.

Concept design. Final work per signed proposal.

Not for construction or permit.