Proper installation of building stairs requires the same care and thoroughness as the creation of the wall itself. StoneLedge’s design features including the hollow core and multi-sized units simplify the process and provide installers with a range of options to create stairs that are striking and unique. This document provides illustrated step-by-step instructions for using StoneLedge to construct stair details.
**Inset Stairs**

> **STEP 1**

**LAY FIRST COURSE**
- Prepare the sub-base and base leveling pad by following Gravity StoneLedge™ Installation Steps 1 to 9
- Build each step in sequence with each course of the regular wall units for best results of wall to step interlock
- First course of step units will be totally buried
- Backfill behind the first course units with gravel, then compact and level flush to the top of the first course
- Option: unit cores can be filled with concrete for greater stability

> **STEP 2**

**LAY SECOND COURSE**
- Place the second course of units on top of the base units with connectors in a batter position
- Place a second row of buried units in the back of the second riser units
- Backfill behind the second course of units with gravel, then compact and level flush to the top of the second course

> **STEP 3**

**LAY THIRD COURSE**
- The third course units will be in a batter approximately .5 inch leaving 10.5 inches exposed on the front first step
- Place a third row of buried units in the back of the third riser units

> **STEP 4**

**CONTINUE INSTALLATION**
- Continue to install each course of step units following the same steps as above
- The top and final step does not need buried units

> **STEP 5**

**STAIR TREADS**
- StoneLedge™ 12 inch deep cap units can be used as a stair tread
- Option: Pavers, Patio Slabs or Natural Stone can also be used as a stair tread
- Use concrete adhesive to attach Step Caps
STEP 1
Lay First Course
- Prepare the sub-base and base leveling pad by following Gravity StoneLedge™ Installation Steps 1 to 9.
- Build each step in sequence with each course of the regular wall units for best results of wall to step interlock.
- First course of step units will be totally buried.
- Backfill behind the first course units with gravel, then compact and level flush to the top of the first course.
Option: unit cores can be filled with concrete for greater stability.

STEP 2
Lay Second Course
- Place the second course of units on top of the base units with connectors in a batter position.
- Place a second row of buried units in the back of the second riser units.
- Backfill behind the second course of units with gravel, then compact and level flush to the top of the second course.

STEP 3
Lay Third Course
- The third course units will be in a batter approximately .5 inch leaving 10.5 inches exposed on the front first step.
- Place a third row of buried units in the back of the third riser units.

STEP 4
Continue Installation
- Continue to install each course of step units following the same steps as above.
- The top and final step does not need buried units.

STEP 5
Stair Treads
- StoneLedge™ 12 inch deep cap units can be used as a stair tread.
- Option: Pavers, Patio Slabs or Natural Stone can also be used as a stair tread.
- Use concrete adhesive to attach Step Caps.