

GRAVITY WALL CROSS SECTION

NOT TO SCALE

NOTES:

1. DRAIN TILE MAY BE ELIMINATED AT THE DISCRETION OF THE SITE ENGINEER.
2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 100 FEET OR PER SITE CONDITIONS.
2. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

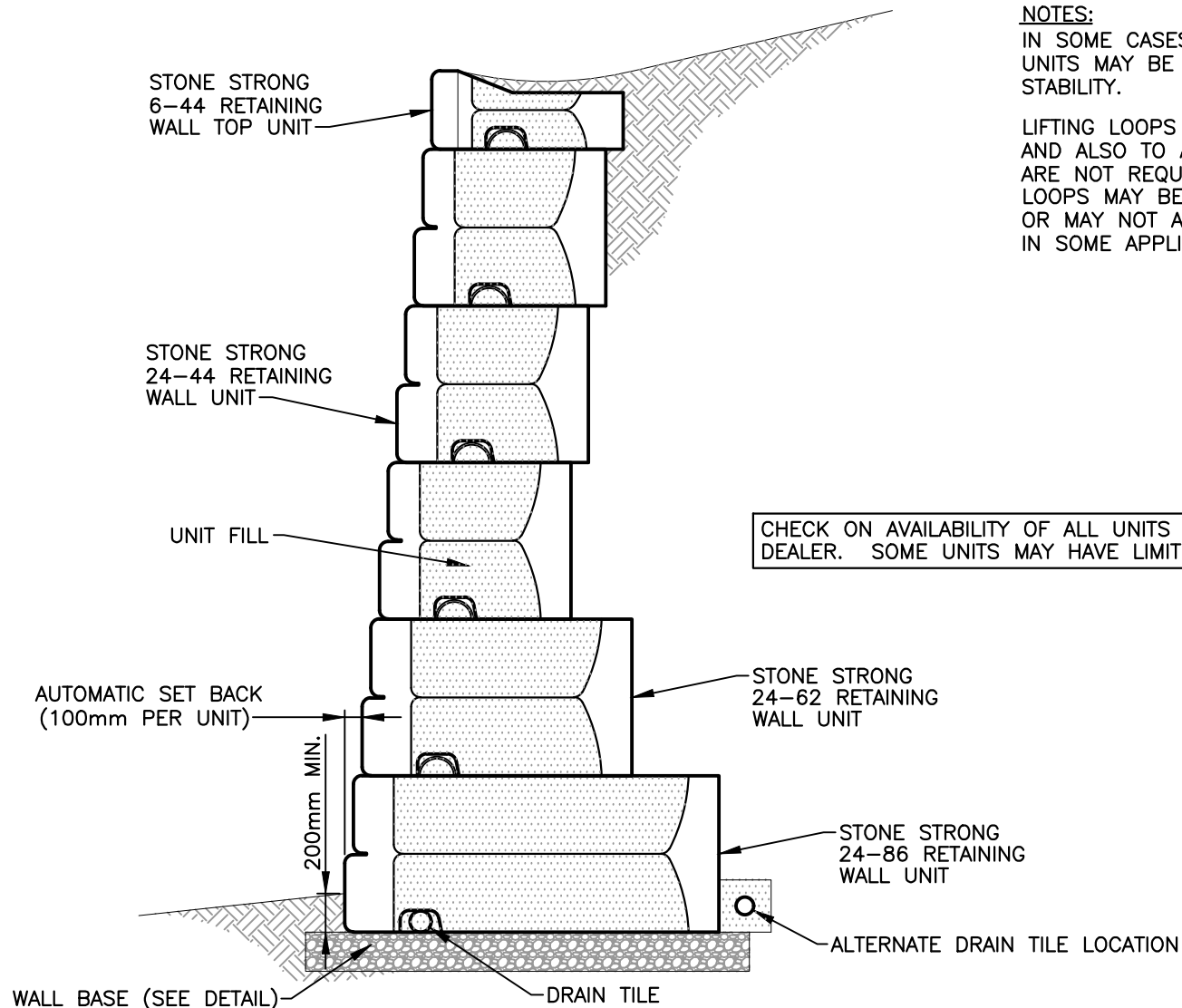


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 01_24-44.XSec.Grav



NOTES:

IN SOME CASES, TWO 24-62 OR 24-86 UNITS MAY BE REQUIRED FOR INTERNAL STABILITY.

LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

GRAVITY WALL CROSS SECTION w/EXTENDED BASE UNITS

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

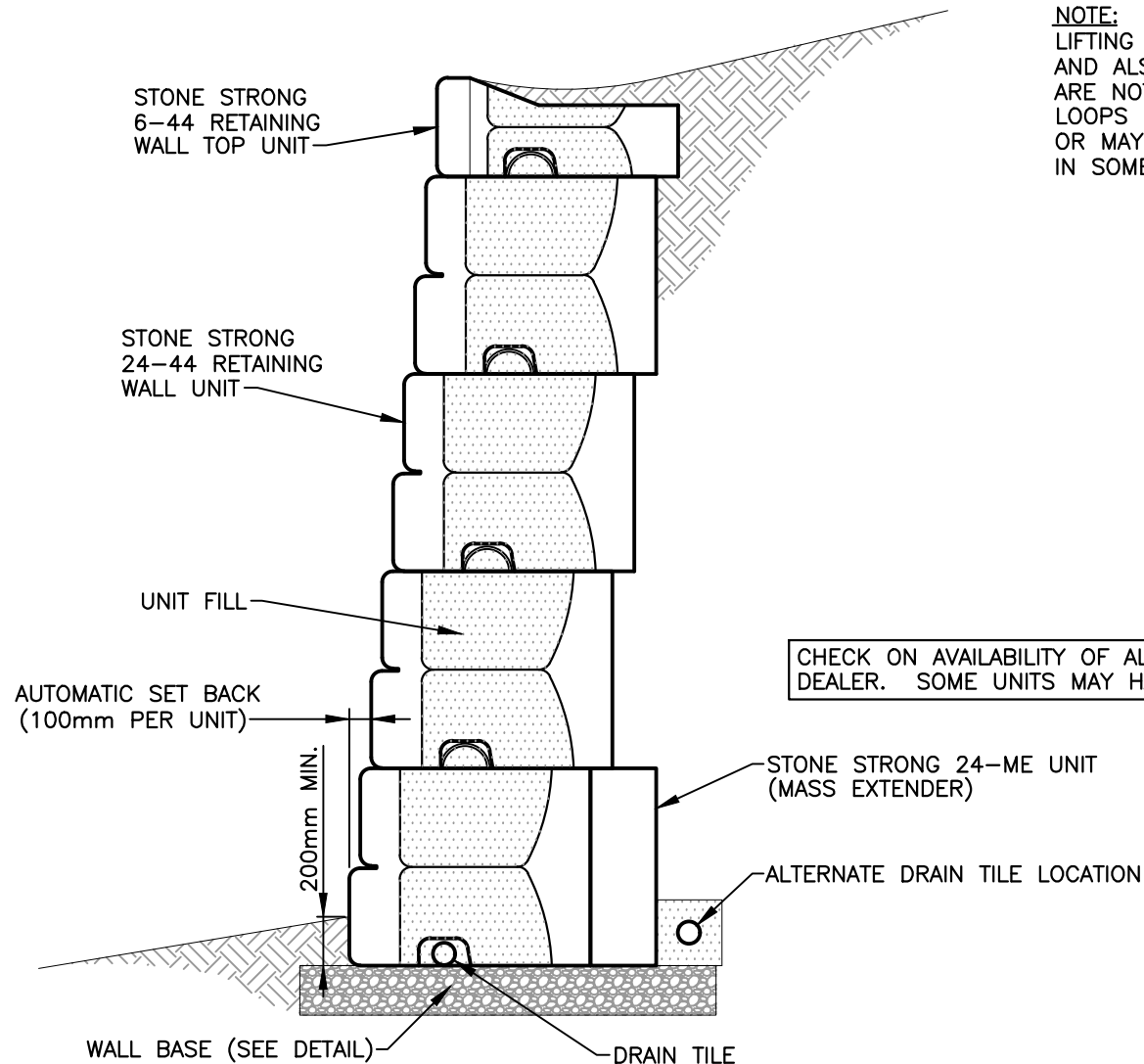


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 02_HD XSec



NOTE:
LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

GRAVITY WALL CROSS SECTION w/MASS EXTENDER

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

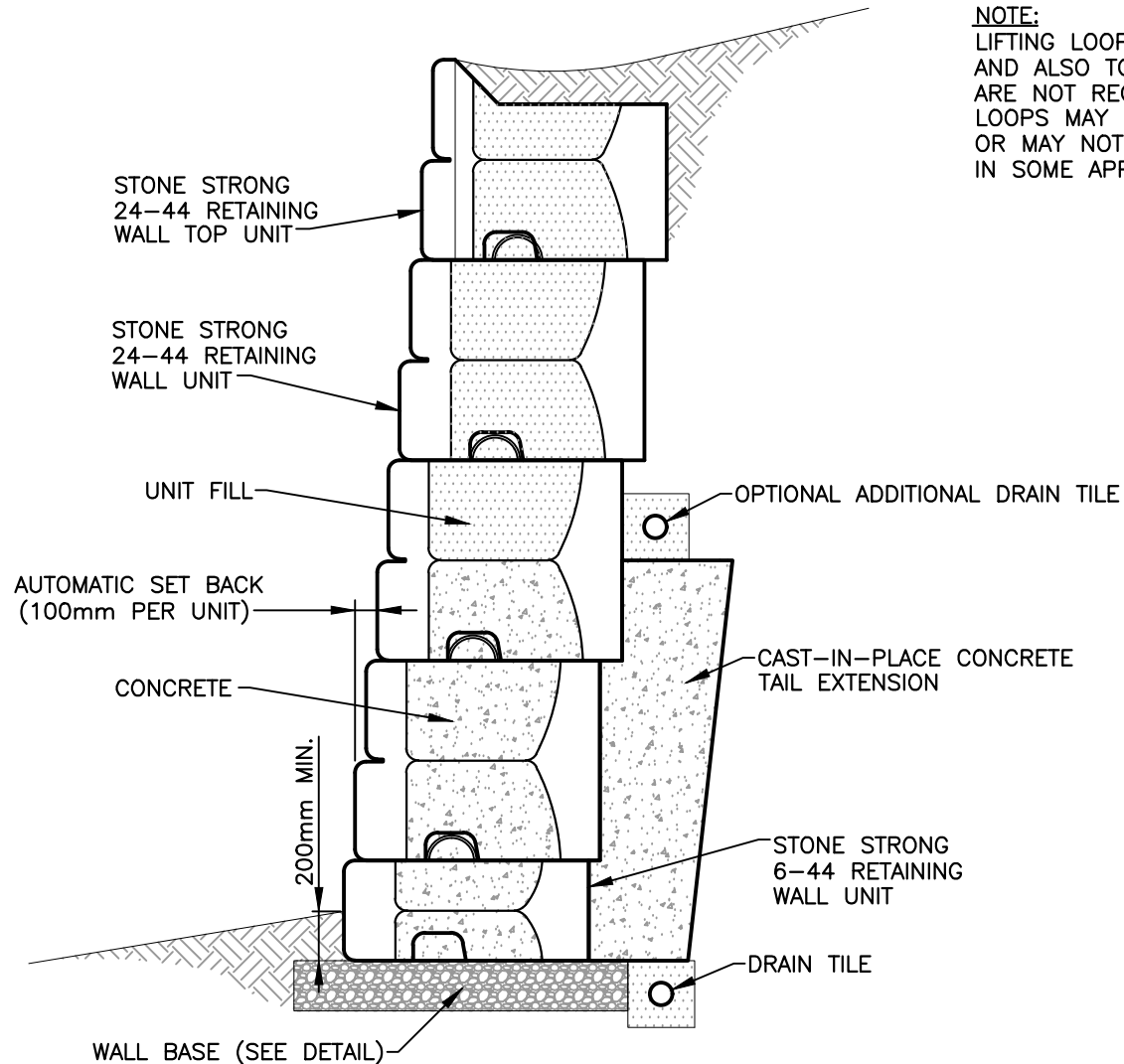


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 | FILE: 03_24-44.XSec.Mass



NOTE:
LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

GRAVITY WALL CROSS SECTION w/CONCRETE TAIL EXTENSION

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

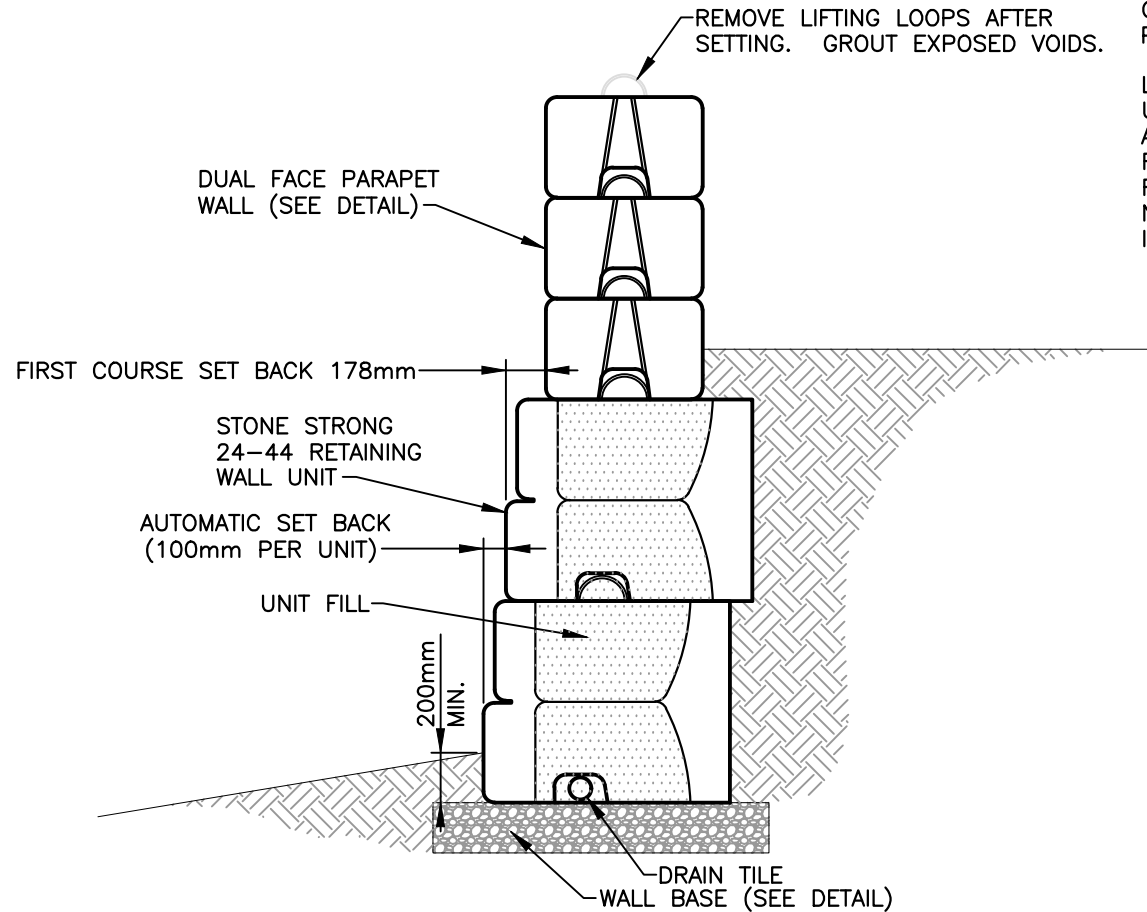


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 04_24-44.XSec.CIP



NOTES:
 USER SHOULD DETERMINE
 CAPABILITY OR SUITABILITY OF
 PARAPET FOR BARRIER LOADING

LIFTING LOOPS ARE FOR SETTING
 UNITS AND ALSO TO AID IN
 ALIGNMENT, BUT ARE NOT REQUIRED
 FOR STABILITY. LOOPS MAY BE
 REMOVED OR ADJUSTED OR MAY
 NOT ALIGN WITH BOTTOM RECESS
 IN SOME APPLICATIONS.

GRAVITY WALL CROSS SECTION w/DUAL FACE PARAPET WALL

NOT TO SCALE

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/
 DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

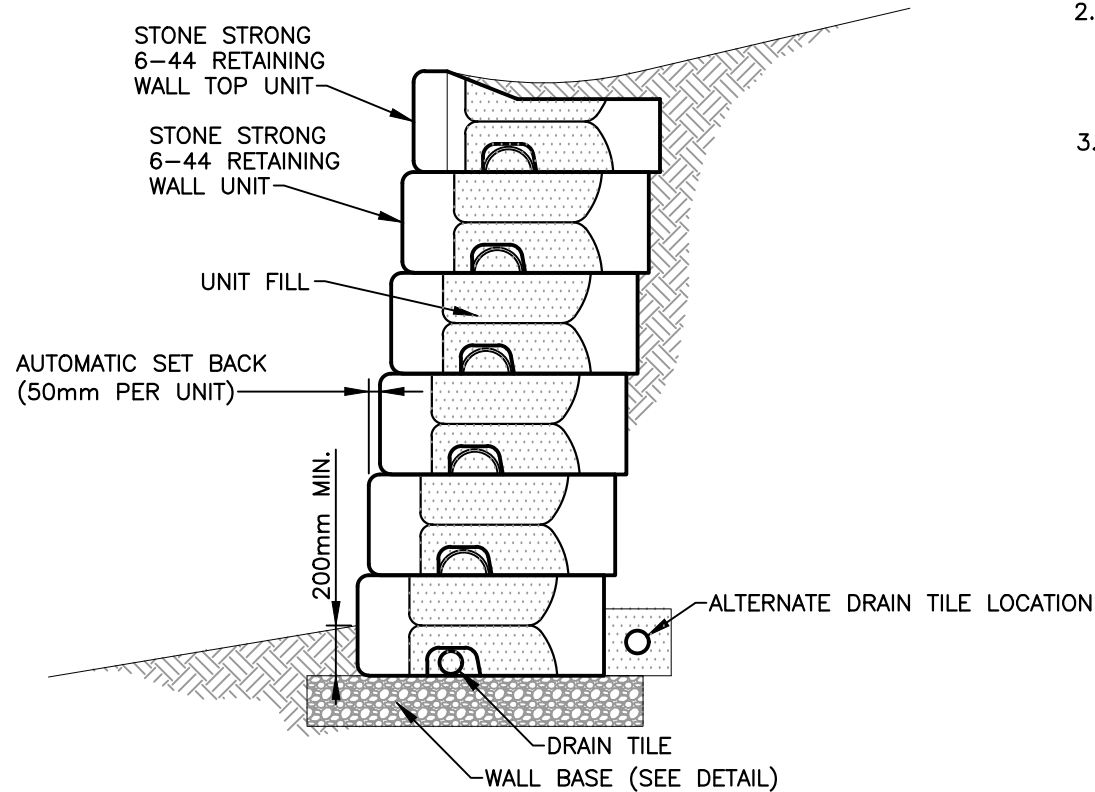


www.stonestrong.com

PROJECT

CROSS SECTIONS
 STONE STRONG SYSTEMS

DATE: 10/13/23 | FILE: 05_24-44.XSec.Parapet



GRAVITY WALL CROSS SECTION

NOT TO SCALE

NOTES:

1. DRAIN TILE MAY BE ELIMINATED AT THE DISCRETION OF THE SITE ENGINEER.
2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 30m OR PER SITE CONDITIONS.
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

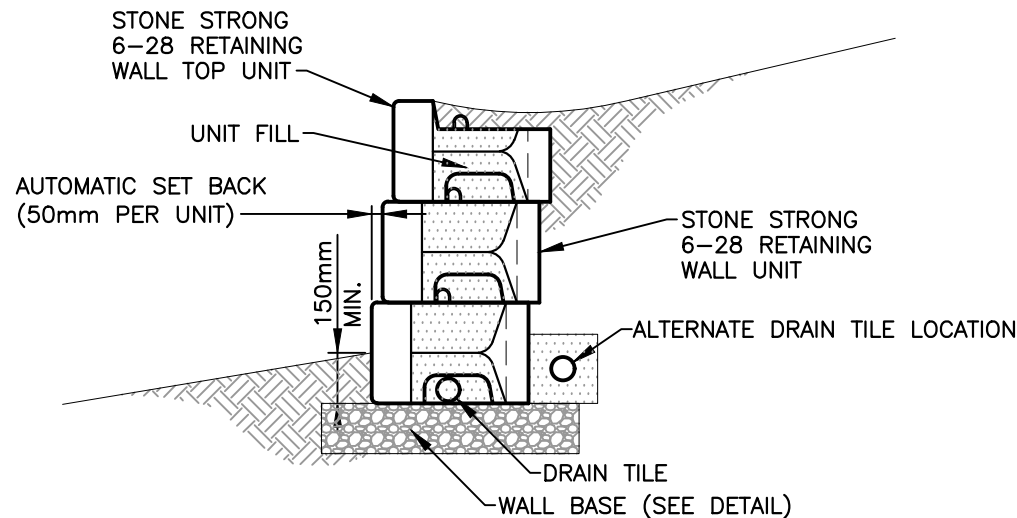
PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 06_6-44.XSec.Grav

NOTES:

1. DRAIN TILE MAY BE ELIMINATED AT THE DISCRETION OF THE SITE ENGINEER.
2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 30m OR PER SITE CONDITIONS.
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



6-28 GRAVITY WALL CROSS SECTION

NOT TO SCALE

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

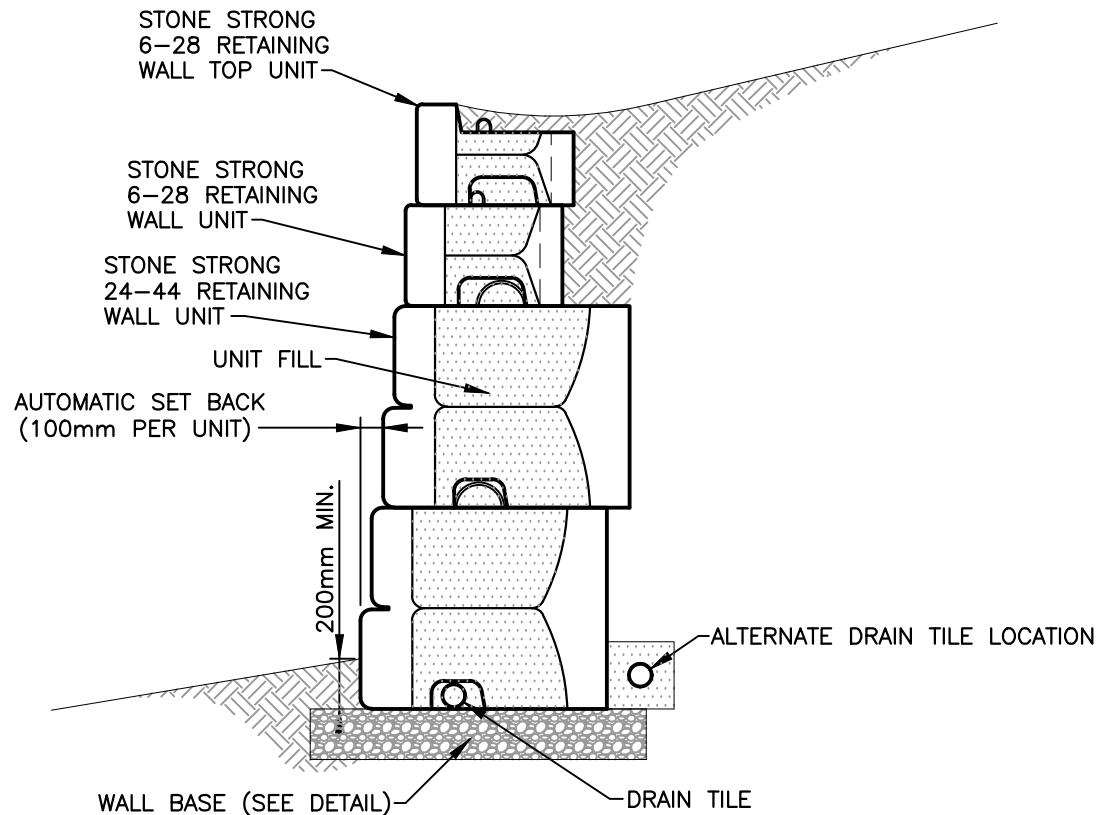


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 07_6-28.XSec.Grav.Batt



GRAVITY WALL CROSS SECTION

NOT TO SCALE

NOTES:

1. DRAIN TILE MAY BE ELIMINATED AT THE DISCRETION OF THE SITE ENGINEER.
2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 30m OR PER SITE CONDITIONS.
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.



www.stonestrong.com

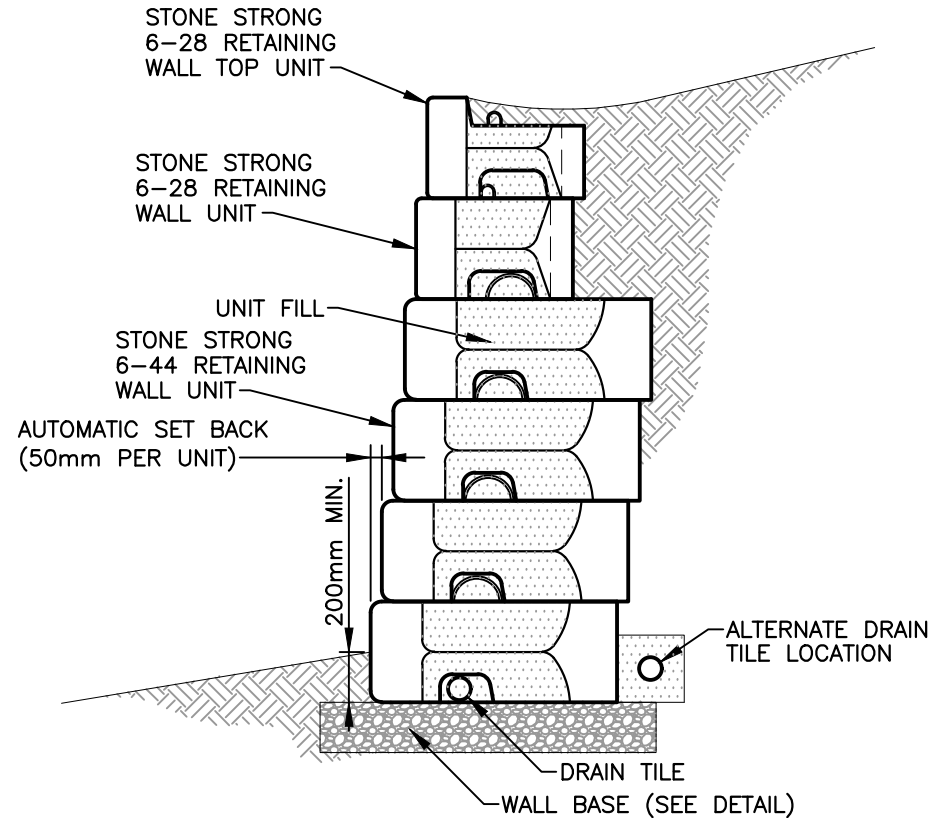
PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 08_24-44.XSec.Grav.28

NOTES:

1. DRAIN TILE MAY BE ELIMINATED AT THE DISCRETION OF THE SITE ENGINEER.
2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 30m OR PER SITE CONDITIONS.
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



6-44 GRAVITY WALL CROSS SECTION

NOT TO SCALE

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/
DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

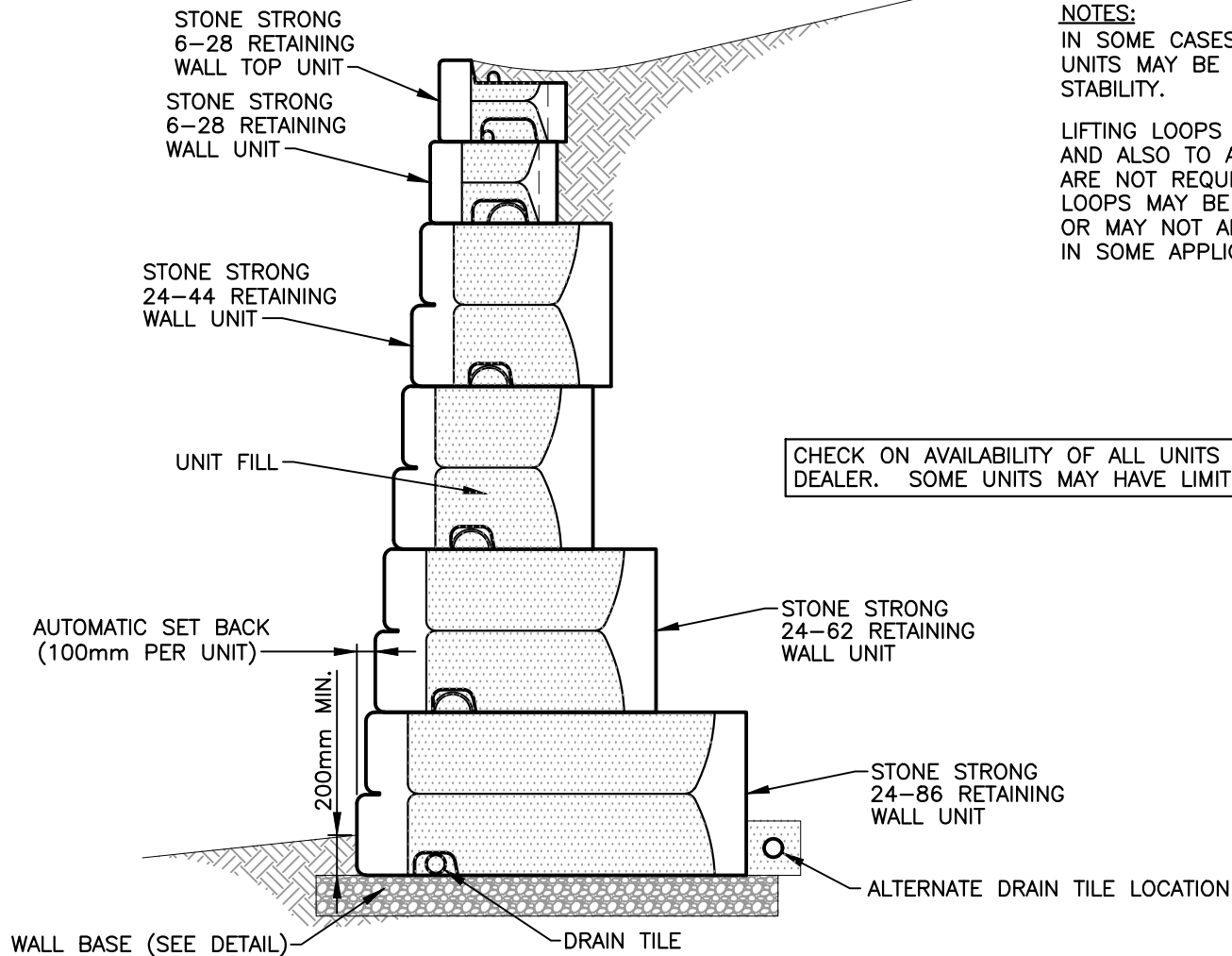


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 09_6-44.XSec.Grav.28



NOTES:

IN SOME CASES, TWO 24-62 OR 24-86 UNITS MAY BE REQUIRED FOR INTERNAL STABILITY.

LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

GRAVITY WALL CROSS SECTION w/EXTENDED BASE UNITS

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

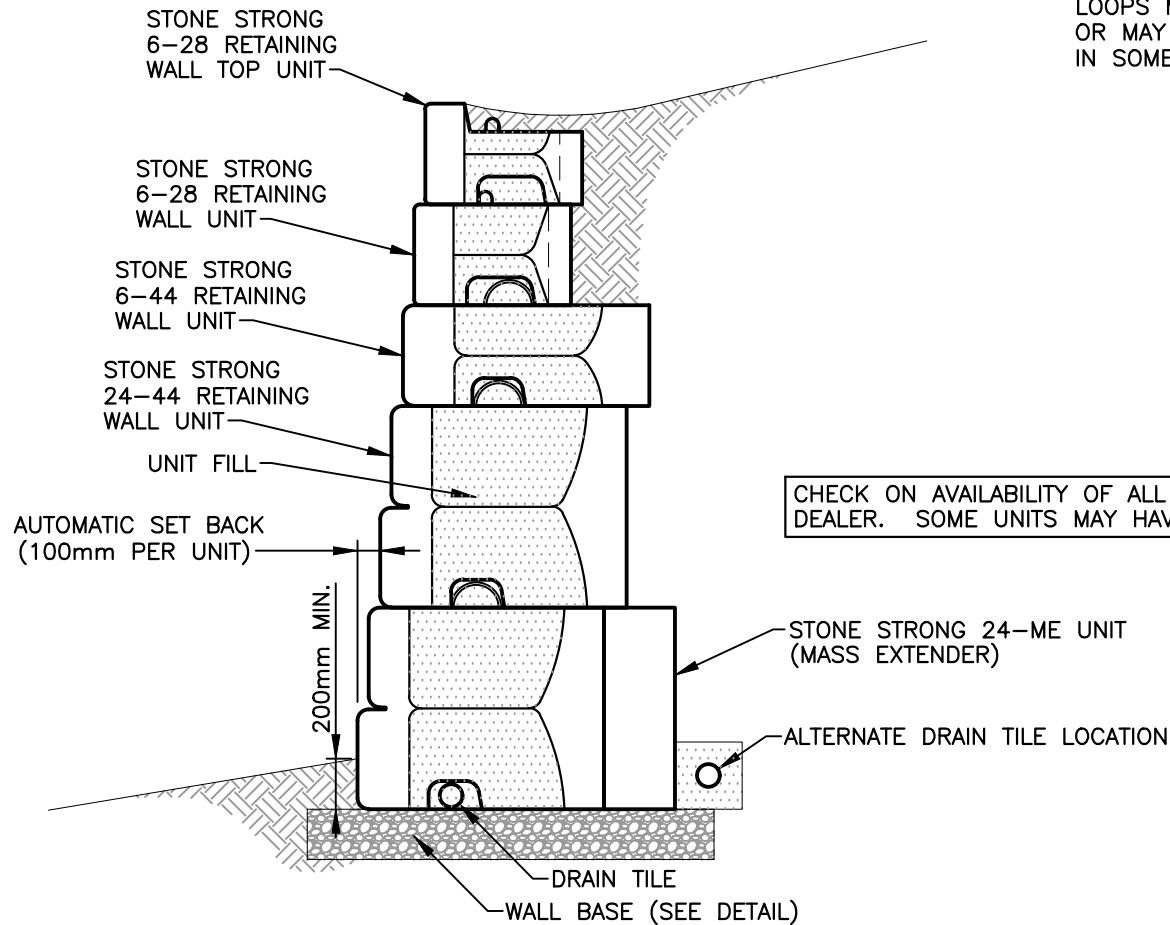
PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE:10/13/23 FILE:10_HD XSec.28

NOTE:

LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



GRAVITY WALL
CROSS SECTION w/MASS EXTENDER
NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

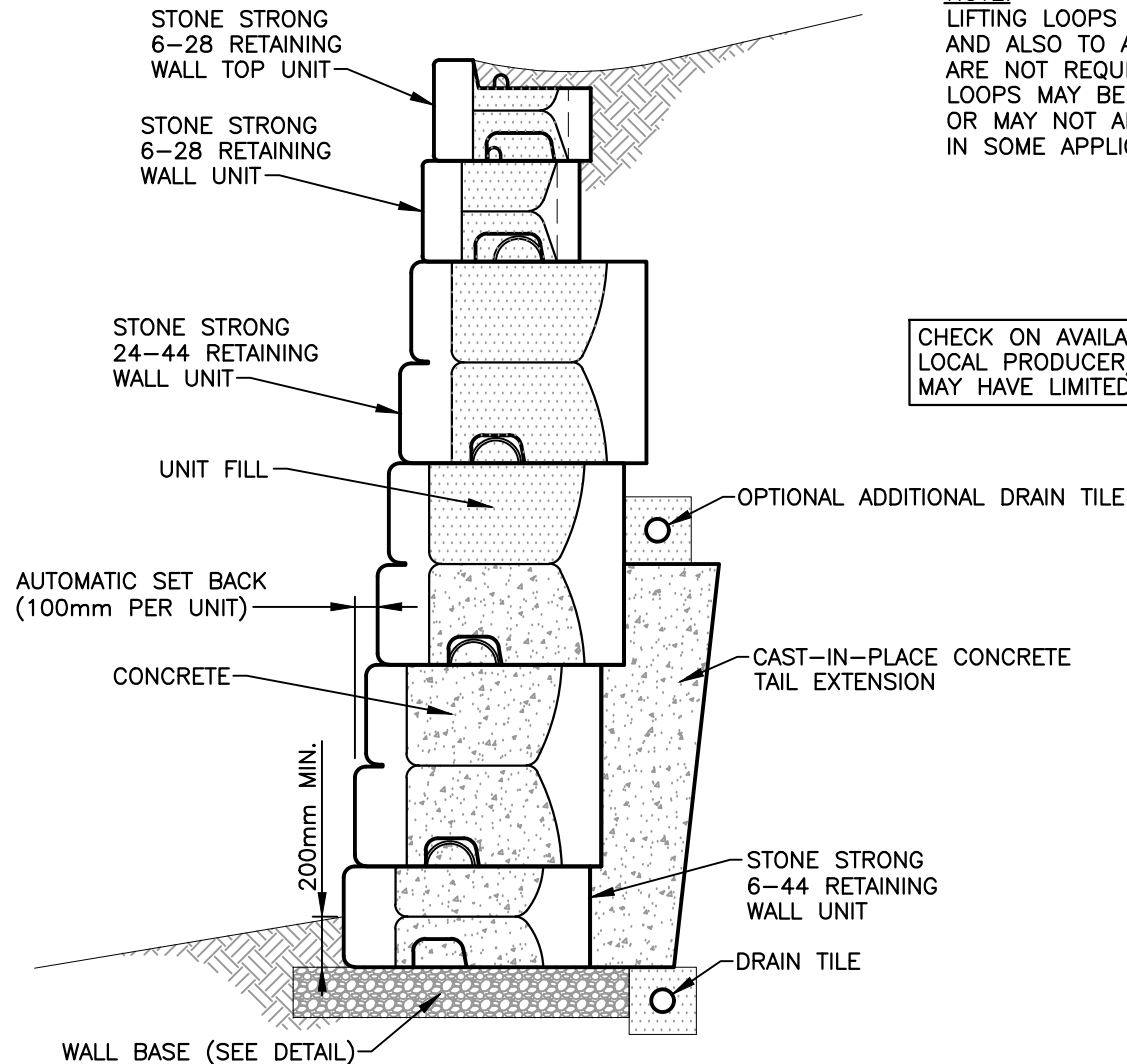


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 11_24-44.XSec.Mass.28



NOTE:
LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

CHECK ON AVAILABILITY OF ALL UNITS w/ LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

GRAVITY WALL

CROSS SECTION w/CONCRETE TAIL EXTENSION

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

PROJECT

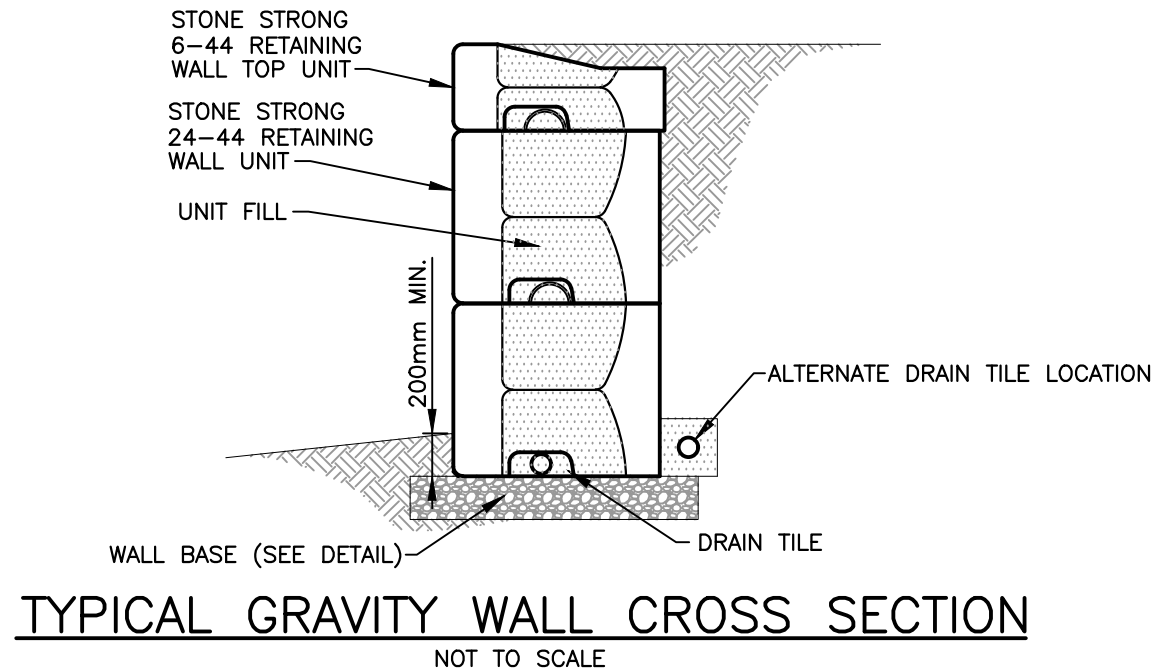
CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 | FILE: 12_24-44.XSec.CIP.28

NOTES:

VERTICAL UNITS REQUIRE A MODIFIED ALIGNMENT RECESS AND A MODIFIED FACE.

LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

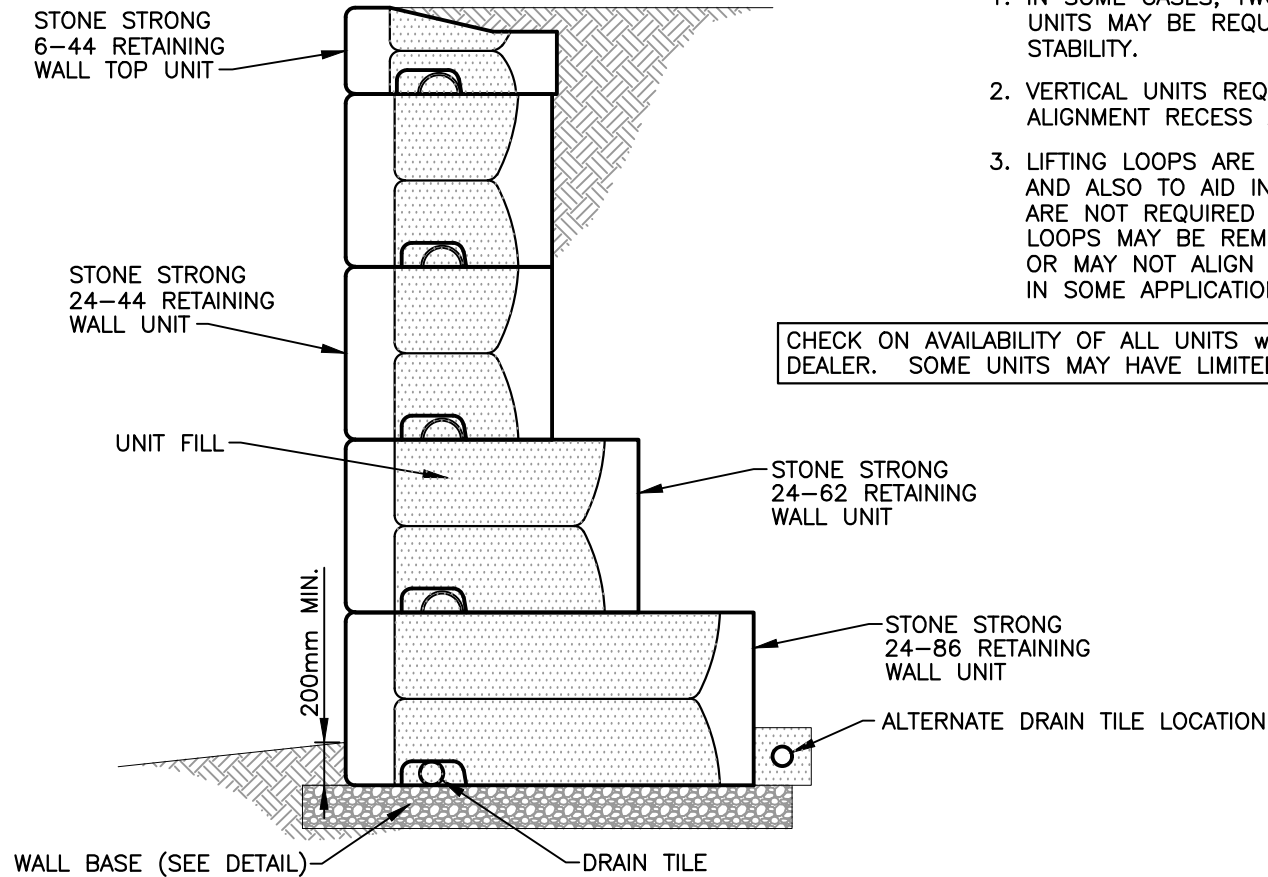


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 | FILE: 13_VertFaceXSec2



NOTES:

1. IN SOME CASES, TWO 24-62 OR 24-86 UNITS MAY BE REQUIRED FOR INTERNAL STABILITY.
2. VERTICAL UNITS REQUIRE A MODIFIED ALIGNMENT RECESS AND A MODIFIED FACE.
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

TYPICAL GRAVITY WALL CROSS SECTION w/HD BASE UNITS

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

PROJECT

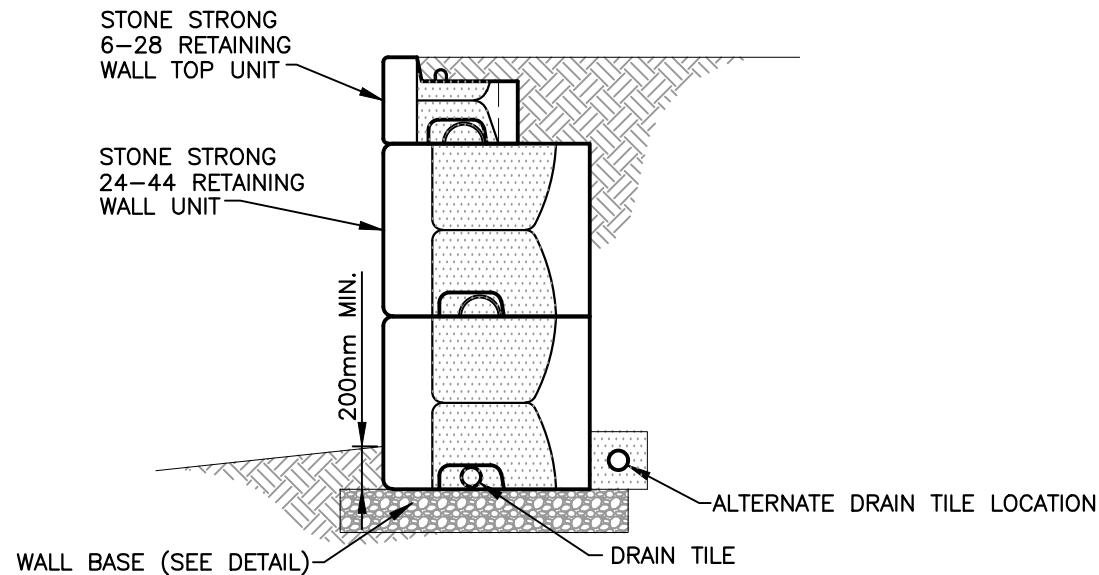
CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 14_VertFaceXsec1

NOTES:

VERTICAL UNITS REQUIRE A MODIFIED ALIGNMENT RECESS AND A MODIFIED FACE.

LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



VERTICAL FACE GRAVITY WALL CROSS SECTION

NOT TO SCALE

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.

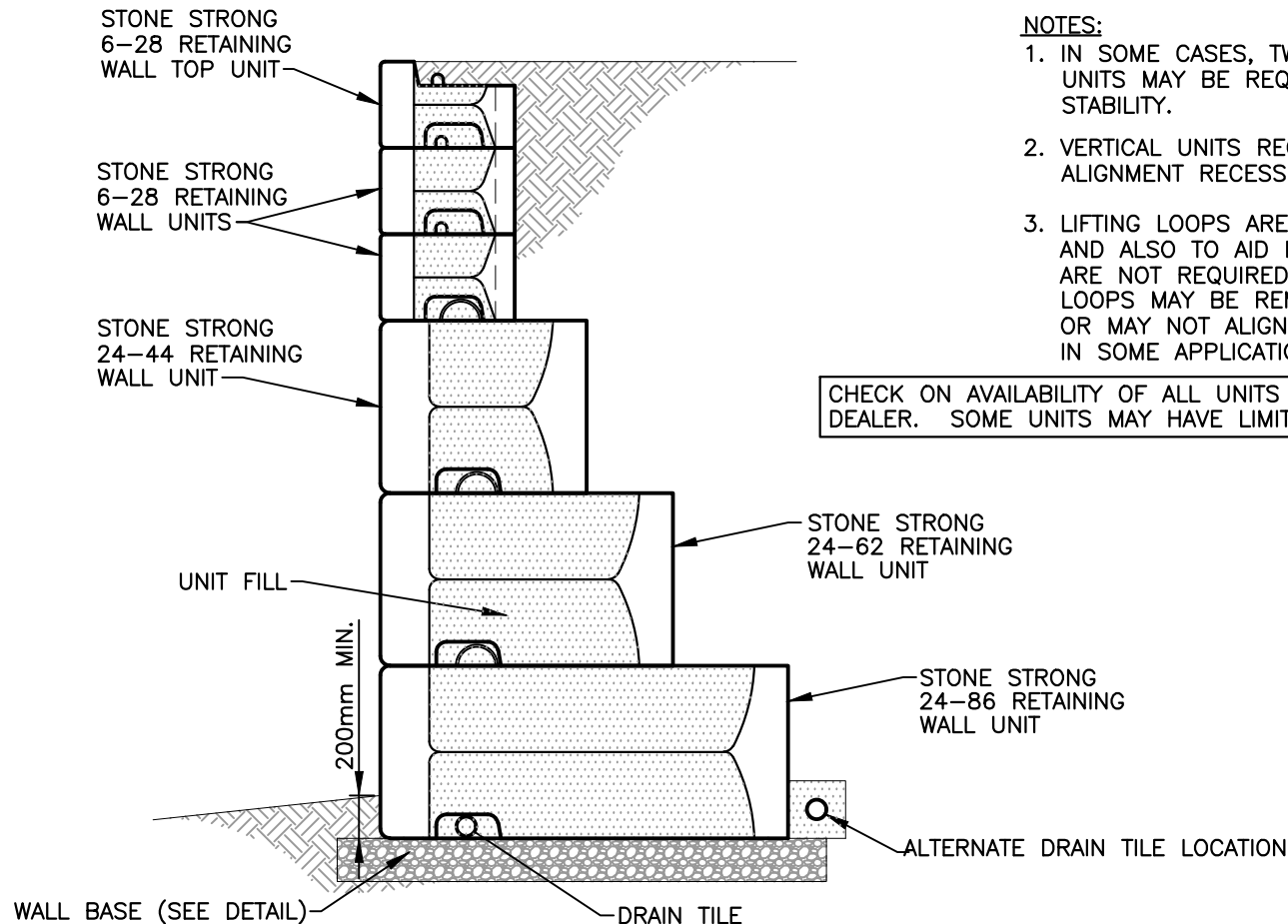


www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 | FILE: 15_VertFaceXSec2.28



NOTES:

1. IN SOME CASES, TWO 24-62 OR 24-86 UNITS MAY BE REQUIRED FOR INTERNAL STABILITY.
2. VERTICAL UNITS REQUIRE A MODIFIED ALIGNMENT RECESS AND A MODIFIED FACE.
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

VERTICAL FACE GRAVITY WALL CROSS SECTION w/EXTENDED BASE UNITS

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

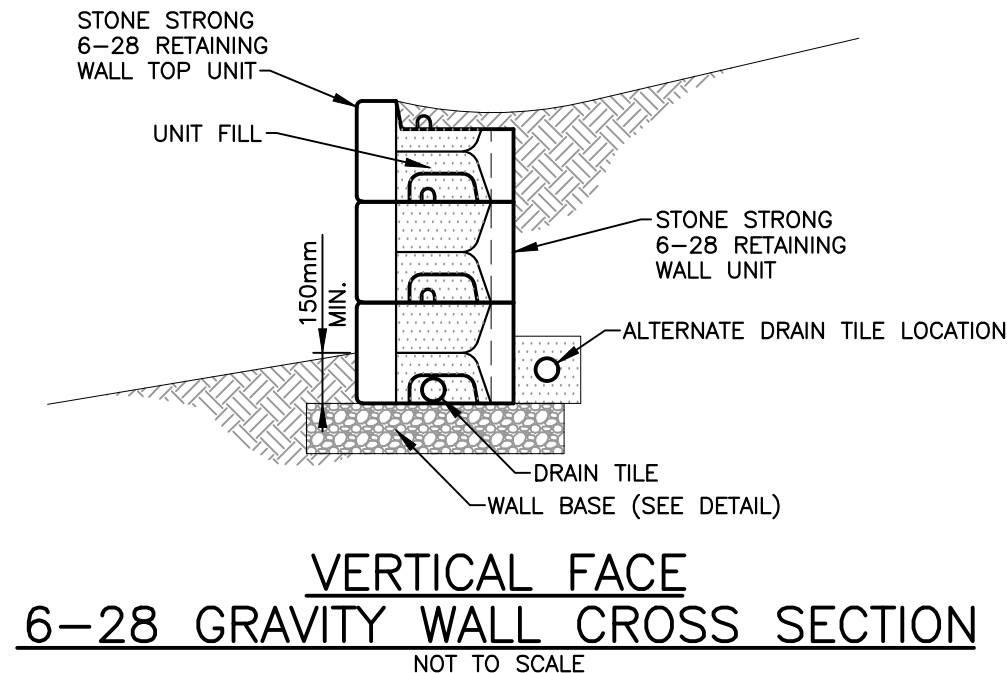
PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 16_VertFaceXSec1.28

NOTES:

1. DRAIN TILE MAY BE ELIMINATED AT THE DISCRETION OF THE ENGINEER.
2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 100 FEET OR PER SITE CONDITIONS.
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



CHECK ON AVAILABILITY OF ALL UNITS w/LOCAL PRODUCER/
DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

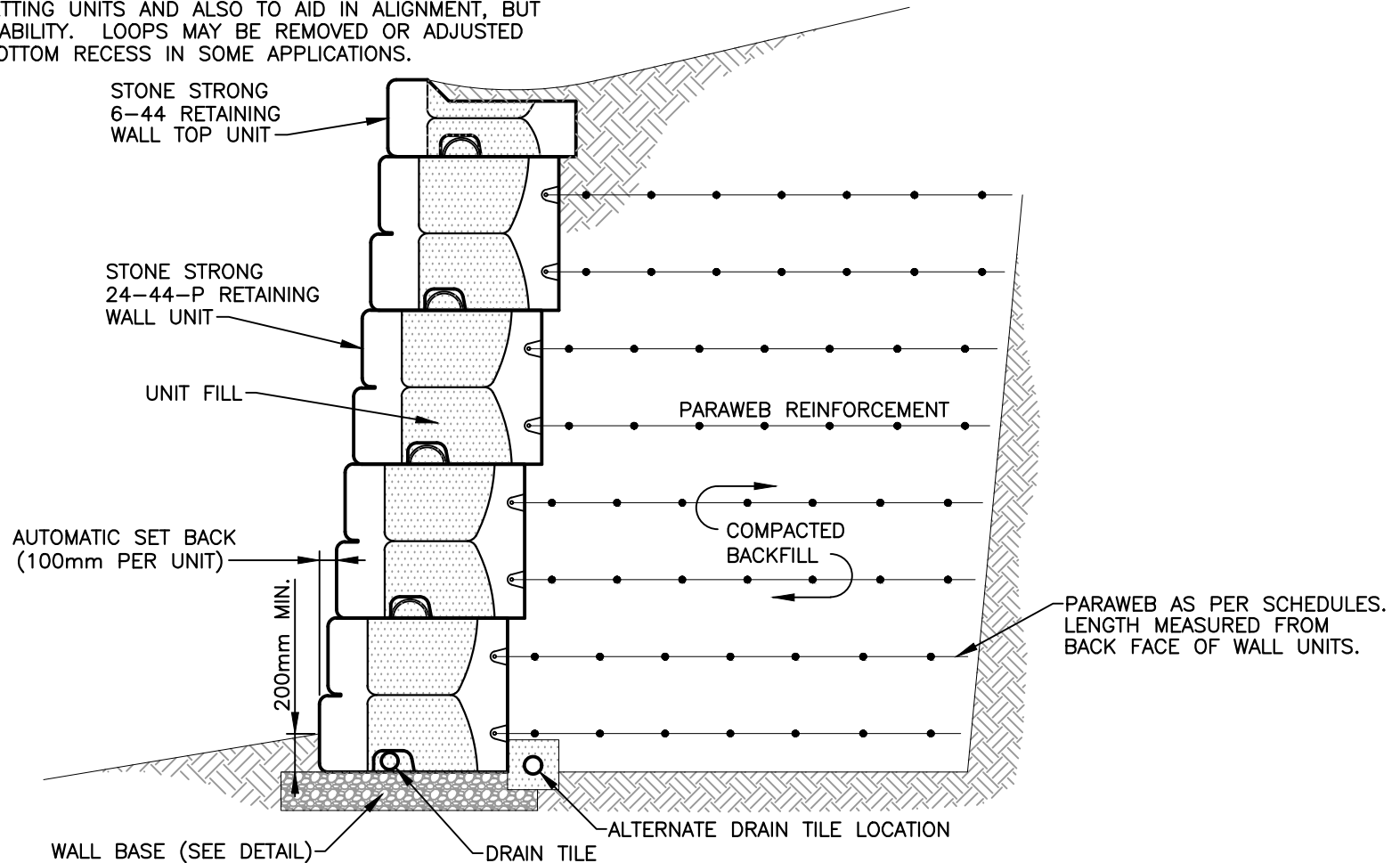
DATE: 10/13/23 FILE: 17_6-28.XSec.Grav.Vert

NOTES:

1. SEE TECH MEMO TM-2018-01 FOR BLOCK REINFORCEMENT REQUIREMENTS.
2. HEAVY DUTY UNIT REINFORCEMENT SHOULD BE USED FOR LOWER SECTIONS OF PARAWEB MSE WALLS AS FOLLOWS:
FOR 24-44 UNITS: BELOW 11M FROM THE TOP OF THE WALL
FOR 6-44 AND 6-28 UNITS: BELOW 3.65M FROM THE TOP OF THE WALL
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

BACKFILL REQUIREMENTS:

1. PARTICLE SIZE MUST BE LESS THAN 150mm.
2. pH RANGE BETWEEN 4 AND 11.
3. FINES MUST BE <20%.



PARAWEB REINFORCED WALL CROSS SECTION

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

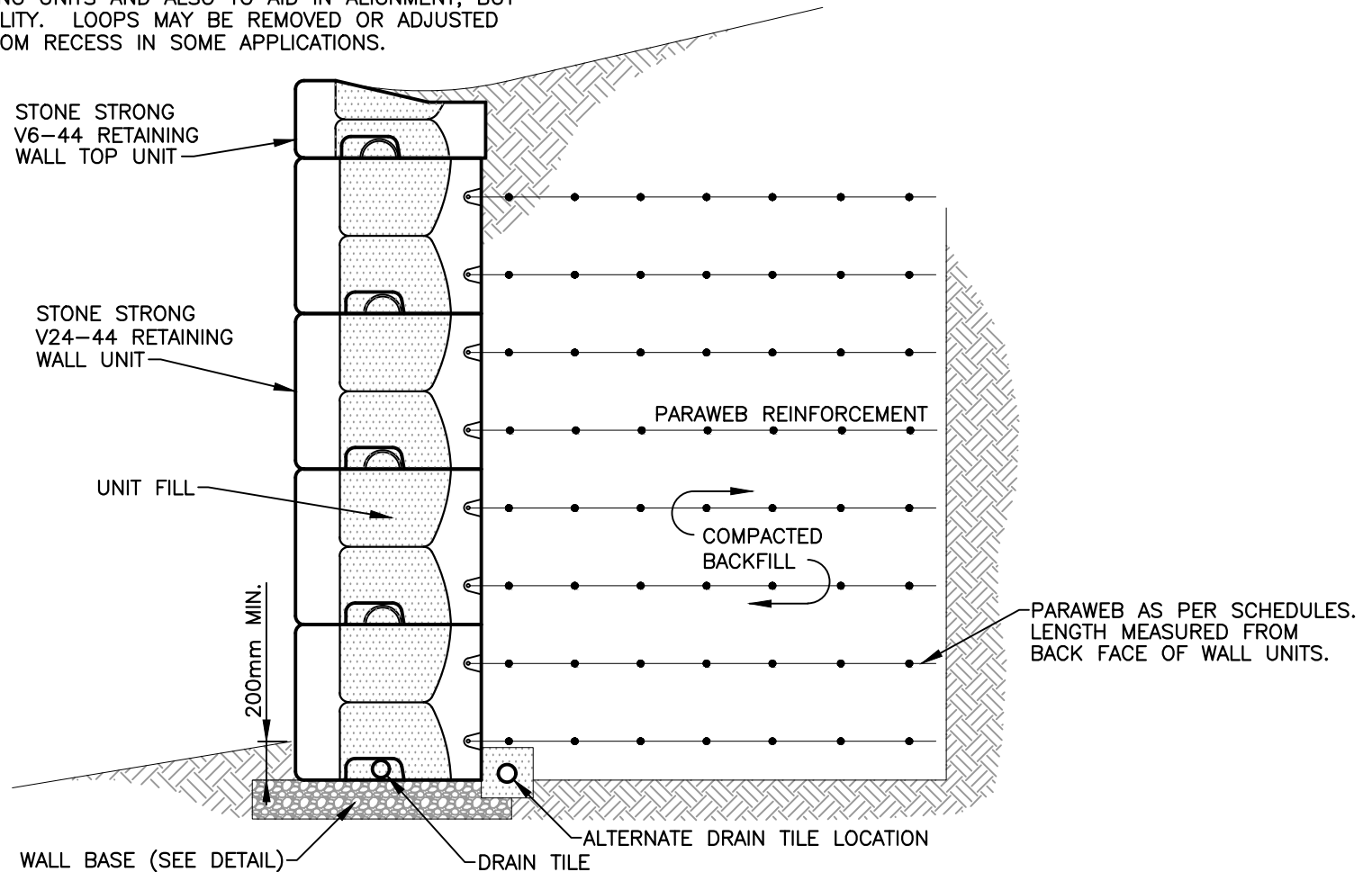
DATE: 10/13/23 FILE: 18_24-44.XSec.Batt.Para

NOTES:

1. SEE TECH MEMO TM-2018-01 FOR BLOCK REINFORCEMENT REQUIREMENTS.
2. HEAVY DUTY UNIT REINFORCEMENT SHOULD BE USED FOR LOWER SECTIONS OF PARAWEB MSE WALLS AS FOLLOWS:
FOR 24-44 UNITS: BELOW 11M FROM THE TOP OF THE WALL
FOR 6-44 AND 6-28 UNITS: BELOW 3.65M FROM THE TOP OF THE WALL
3. LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.

BACKFILL REQUIREMENTS:

1. PARTICLE SIZE MUST BE LESS THAN 150mm.
2. pH RANGE BETWEEN 4 AND 11.
3. FINES MUST BE <20%.



PARAWEB REINFORCED WALL CROSS SECTION

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

PROJECT

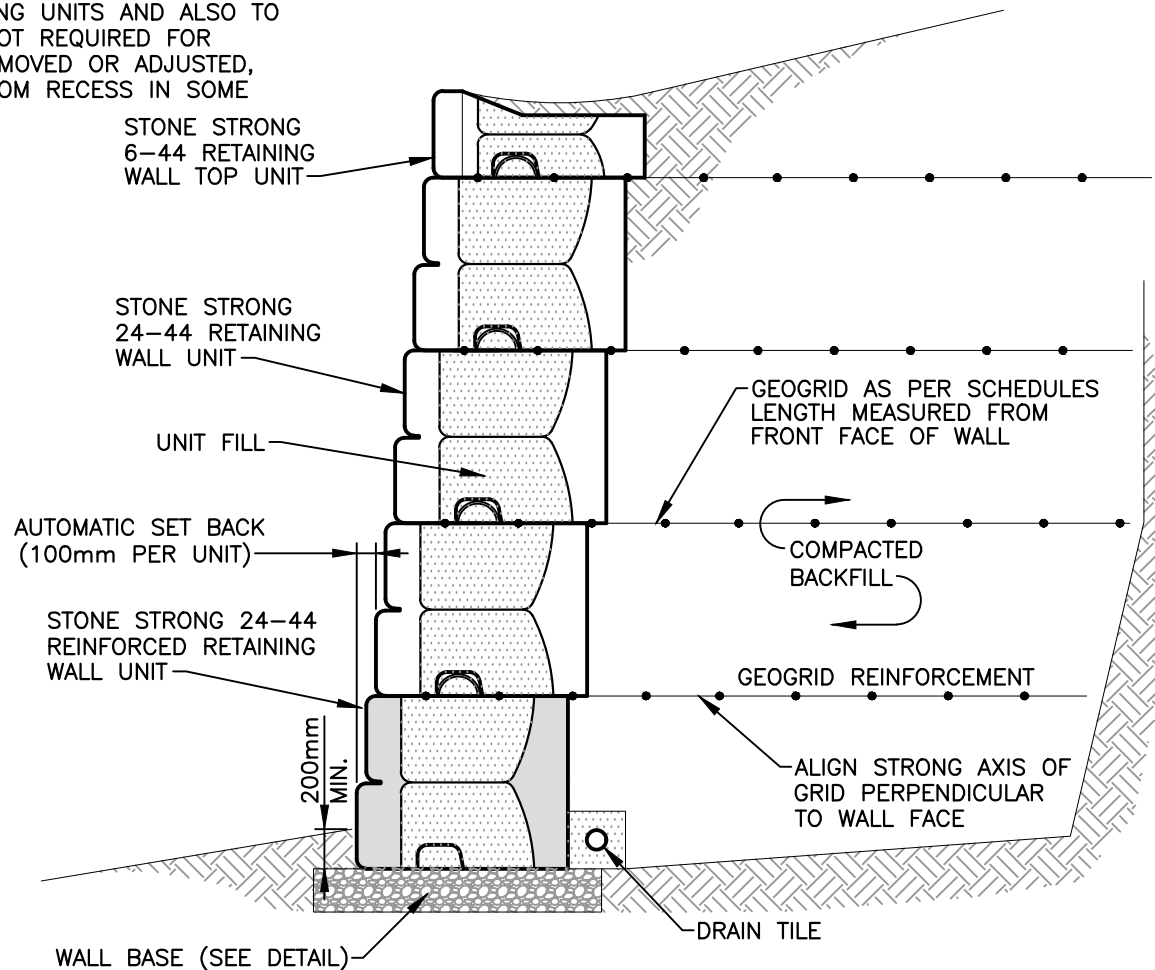
CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 19_24-44.XSec.Vert.Para

NOTE:

24-44 UNITS MUST BE REINFORCED BELOW THE TOP 3.7m IN GEOGRID REINFORCED WALLS. HD REINFORCING REQUIRED FOR 24-44 UNITS BELOW THE TOP 10.1m. SEE FACE AND WEB MESH DETAILS FOR OPTIONAL REINFORCEMENT GRID.

LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



REINFORCED WALL CROSS SECTION

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

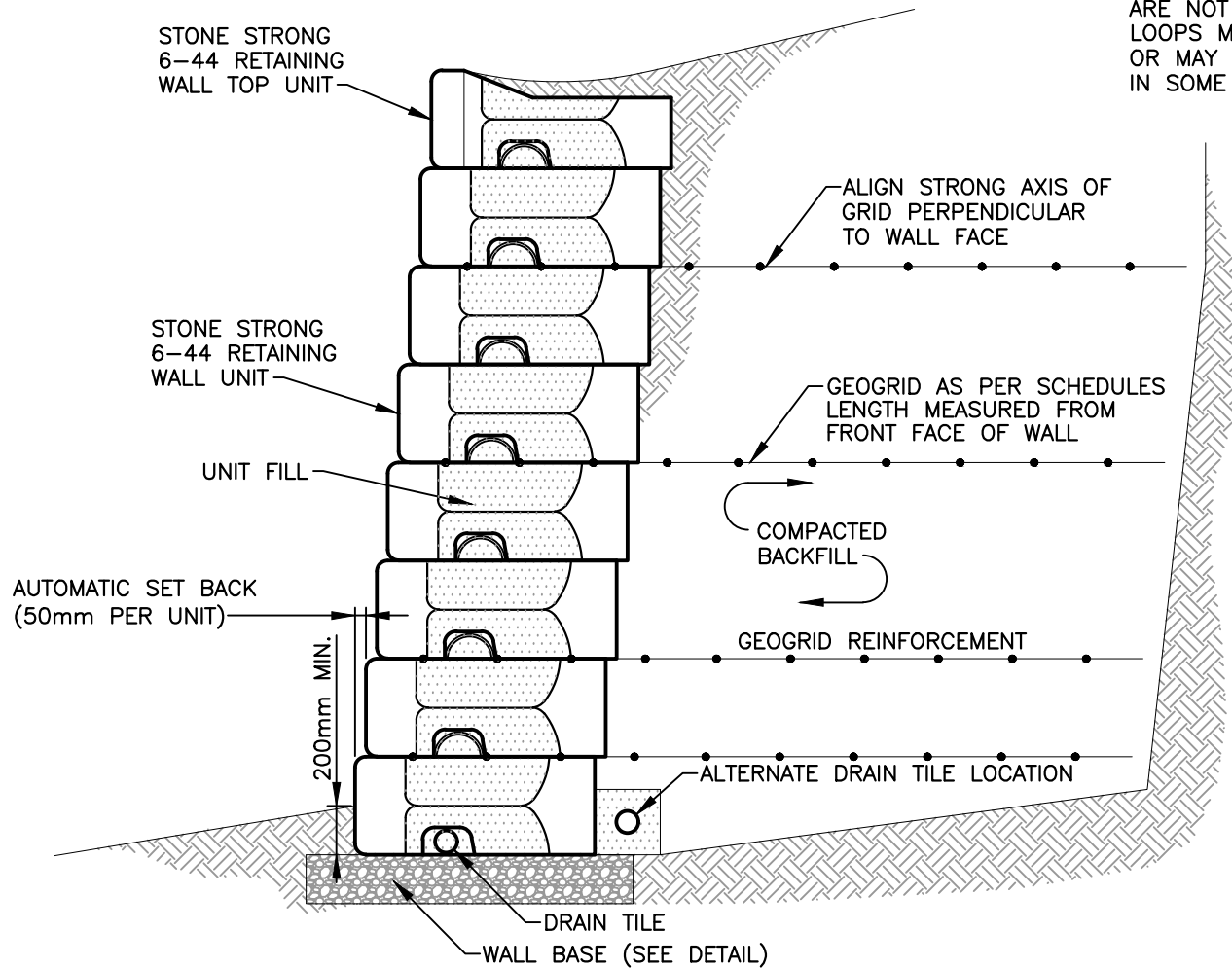
PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 | FILE: 20_24-44.XSec.Reinf

NOTE:

LIFTING LOOPS ARE FOR SETTING UNITS AND ALSO TO AID IN ALIGNMENT, BUT ARE NOT REQUIRED FOR STABILITY. LOOPS MAY BE REMOVED OR ADJUSTED, OR MAY NOT ALIGN WITH BOTTOM RECESS IN SOME APPLICATIONS.



6-44 REINFORCED WALL CROSS SECTION

NOT TO SCALE

DISCLAIMER:

These typical details are preliminary and conceptual in nature. They are provided for general information purposes only. Anyone making use of these details and related information does so at their own risk and assumes all liability for such use. Site specific design should be performed by a licensed Professional Engineer based on actual site conditions, materials, and local practices.

Stone Strong LLC retains all common law, statutory, and other reserved rights to these drawings including the copyright. Limited license is granted to copy, reproduce, or modify the details to prepare construction drawings for Stone Strong retaining walls. Stone Strong LLC makes no warranties, either expressed or implied, of merchantability or fitness for any particular purpose, and accepts no responsibility for the accuracy, suitability, or completeness of information contained herein.



www.stonestrong.com

PROJECT

CROSS SECTIONS
STONE STRONG SYSTEMS

DATE: 10/13/23 FILE: 21_6-44.XSec.Reinf