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.

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

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

GRAVITY WALL CROSS SECTION w/EXTENDED BASE UNITS

WALL BASE (SEE DETAIL)

DRAIN TILE

STONE STRONG 24–62 RETAINING WALL UNIT

STONE STRONG 24–86 RETAINING WALL UNIT

UNIT FILL

AUTOMATIC SET BACK (4" PER UNIT)

9" MIN.

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DUAL FACE PARAPET WALL (SEE DETAIL)

FIRST COURSE SET BACK 7"

STONE STRONG 24SF RETAINING WALL UNIT

AUTOMATIC SET BACK (4" PER UNIT)

UNIT FILL

DRAIN TILE

WALL BASE (SEE DETAIL)

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.

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2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 100 FEET OR PER SITE CONDITIONS.

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6-28 GRAVITY WALL CROSS SECTION

NOT TO SCALE

NOTES:
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2. DAYLIGHT DRAIN TILE AT LOW POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 100 FEET OR PER SITE CONDITIONS.
NOTES:
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6SF GRAVITY WALL CROSS SECTION
NOT TO SCALE

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CHECK ON AVAILABILITY OF ALL UNITS w/ LOCAL PRODUCER/DEALER, SOME UNITS MAY HAVE LIMITED AVAILABILITY.
STONE STRONG
6-28 RETAINING
WALL TOP UNIT

STONE STRONG
6SF RETAINING
WALL UNIT

STONE STRONG
24SF RETAINING
WALL UNIT

UNIT FILL

AUTOMATIC SET BACK
(4" PER UNIT)

9" MIN.

ALTERNATE DRAIN TILE LOCATION

DRAIN TILE
WALL BASE (SEE DETAIL)

STONE STRONG 24SF UNIT
w/MASS EXTENDER

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

GRAVITY WALL
CROSS SECTION w/MASS EXTENDER
NOT TO SCALE
STONE STRONG
6-28 RETAINING WALL TOP UNIT

STONE STRONG
6-28 RETAINING WALL UNIT

STONE STRONG
24SF RETAINING WALL UNIT

OPTIONAL ADDITIONAL DRAIN TILE

CAST-IN-PLACE CONCRETE TAIL EXTENSION

WALL BASE (SEE DETAIL)

DRAIN TILE

GRAVITY WALL
CROSS SECTION w/CONCRETE TAIL EXTENSION
NOT TO SCALE

CHECK ON AVAILABILITY OF ALL UNITS w/ LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.
NOTE:
VERTICAL UNITS REQUIRE A MODIFIED
ALIGNMENT RECESS AND A MODIFIED FACE.

TYPICAL GRAVITY WALL CROSS SECTION

STONE STRONG
V6SF RETAINING
WALL TOP UNIT

STONE STRONG
V24SF RETAINING
WALL UNIT

9" MIN.

WALL BASE (SEE DETAIL)

ALTERNATE DRAIN TILE LOCATION

DRAIN TILE

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NOTES:
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2. VERTICAL UNITS REQUIRE A MODIFIED ALIGNMENT RECESS AND A MODIFIED FACE.

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

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

STONE STRONG 6-28 RETAINING WALL TOP UNIT

STONE STRONG V24SF RETAINING WALL UNIT

WALL BASE (SEE DETAIL)

ALTERNATE DRAIN TILE LOCATION

DRAIN TILE

VERTICAL FACE GRAVITY WALL CROSS SECTION
NOT TO SCALE

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STONE STRONG SYSTEMS
www.stonestrong.com

DATE: 6/29/18  FILE: 15_VertFaceXSec2.28

PROJECT
CROSS SECTIONS
STONE STRONG SYSTEMS
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.

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

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VERTICAL FACE
6–28 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.

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PROJECT
CROSS SECTIONS
STONE STRONG SYSTEMS
www.stonestrong.com
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 24SF UNITS: BELOW 36 FEET FROM THE TOP OF THE WALL
   FOR 6SF AND 6–28 UNITS: BELOW 12 FEET FROM THE TOP OF THE WALL

BACKFILL REQUIREMENTS:
1. PARTICLE SIZE MUST BE LESS THAN 6".
2. pH RANGE BETWEEN 4 AND 11.
3. FINES MUST BE <20%.

PARAWEB AS PER SCHEDULES. LENGTH MEASURED FROM BACK FACE OF WALL UNITS.

STONE STRONG
6SF RETAINING WALL TOP UNIT

STONE STRONG
24SF–P RETAINING WALL UNIT

UNIT FILL

AUTOMATIC SET BACK (4" PER UNIT)

COMPACTED BACKFILL

PARAWEB REINFORCEMENT

WALL BASE (SEE DETAIL)

ALTERNATE DRAIN TILE LOCATION

DRAIN TILE

PARAWEB AS PER SCHEDULES. LENGTH MEASURED FROM BACK FACE OF WALL UNITS.

PARAWEB REINFORCED WALL CROSS SECTION

NOT TO SCALE

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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 24SF UNITS: BELOW 36 FEET FROM THE TOP OF THE WALL
   FOR 8SF AND 6–28 UNITS: BELOW 12 FEET FROM THE TOP OF THE WALL

BACKFILL REQUIREMENTS:
1. PARTICLE SIZE MUST BE LESS THAN 6".
2. pH RANGE BETWEEN 4 AND 11.
3. FINES MUST BE <20%.

PARAWEB REINFORCED WALL CROSS SECTION
NOT TO SCALE

STONE STRONG
V6SF RETAINING WALL TOP UNIT

STONE STRONG
V24SF RETAINING WALL UNIT

UNIT FILL

WALL BASE (SEE DETAIL)

DRAIN TILE

PARAWEB REINFORCEMENT

COMPACTED BACKFILL

PARAWEB AS PER SCHEDULES, LENGTH MEASURED FROM BACK FACE OF WALL UNITS.

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PROJECT
CROSS SECTIONS
STONE STRONG SYSTEMS
www.stonestrong.com

DATE: 6/29/18  FILE: 19_24sf-XSec-VertPara
NOTE:
24SF UNITS MUST BE REINFORCED BELOW THE TOP
12 FEET IN GEOGRID REINFORCED WALLS.
GEOGRID REINFORCEMENT NOT RECOMMENDED FOR
WALLS OVER 24 FEET TALL.

STONE STRONG
6SF RETAINING
WALL TOP UNIT

STONE STRONG
24SF RETAINING
WALL UNIT

UNIT FILL

AUTOMATIC SET BACK
(4" PER UNIT)

STONE STRONG 24SF
REINFORCED RETAINING
WALL UNIT

GEOGRID AS PER SCHEDULES
LENGTH MEASURED FROM
FRONT FACE OF WALL

COMPACTED
BACKFILL

GEOGRID REINFORCEMENT

ALIGN STRONG AXIS OF
GRID PERPENDICULAR
TO WALL FACE

WALL BASE (SEE DETAIL)

DRAIN TILE

ALTERNATE DRAIN TILE LOCATION

REINFORCED WALL CROSS SECTION
NOT TO SCALE

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STONE STRONG
6SF RETAINING
WALL TOP UNIT

ALIGN STRONG AXIS OF
GRID PERPENDICULAR
TO WALL FACE

STONE STRONG
6SF RETAINING
WALL UNIT

GEOGRID AS PER SCHEDULES
LENGTH MEASURED FROM
FRONT FACE OF WALL

UNIT FILL

COMPACTED
BACKFILL

AUTOMATIC SET BACK
(2" PER UNIT)

GEOGRID REINFORCEMENT

9" MIN.

ALTERNATE DRAIN TILE LOCATION

DRAIN TILE
WALL BASE (SEE DETAIL)

6SF REINFORCED WALL CROSS SECTION
NOT TO SCALE