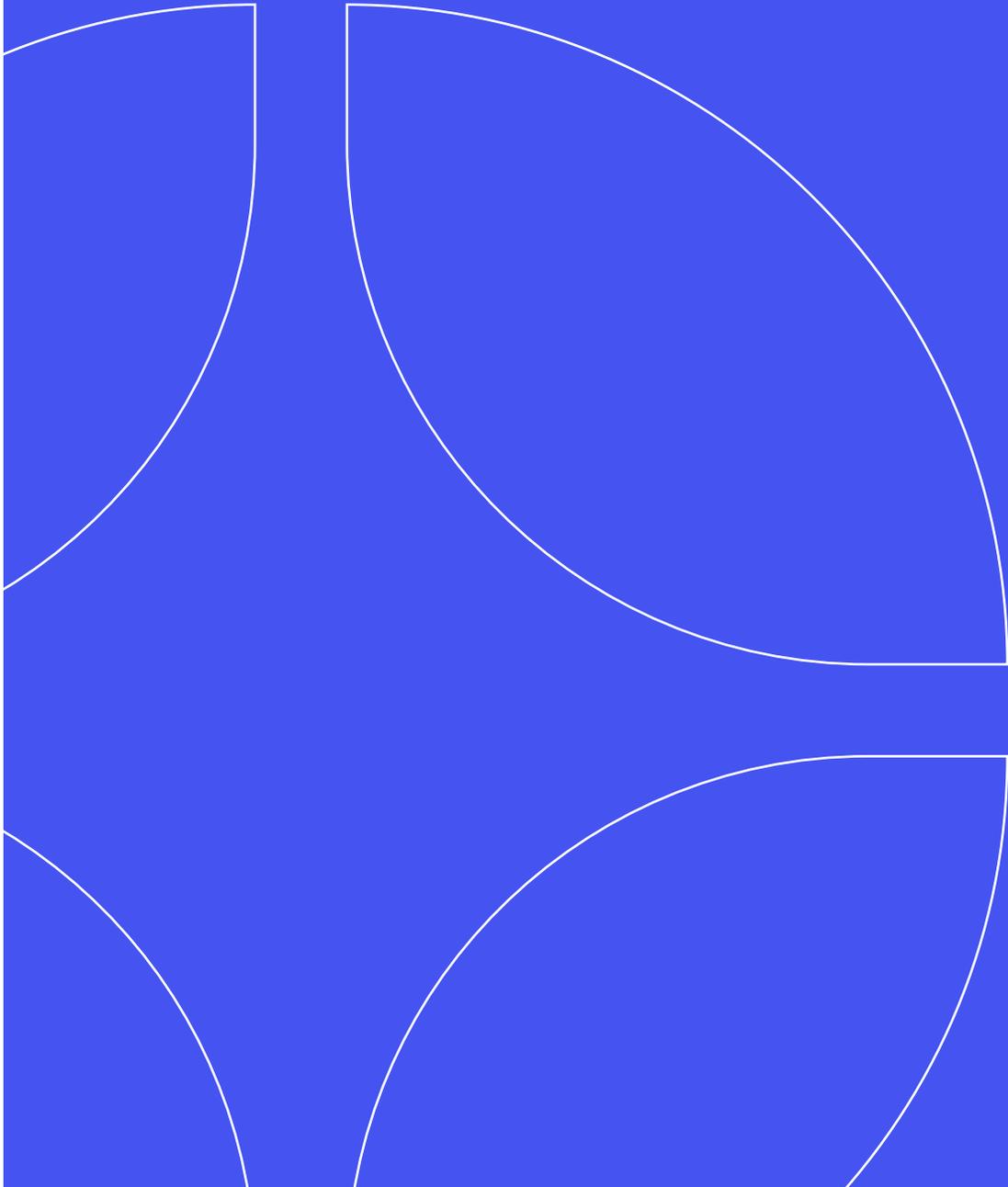


REVISED APRIL 19, 2024

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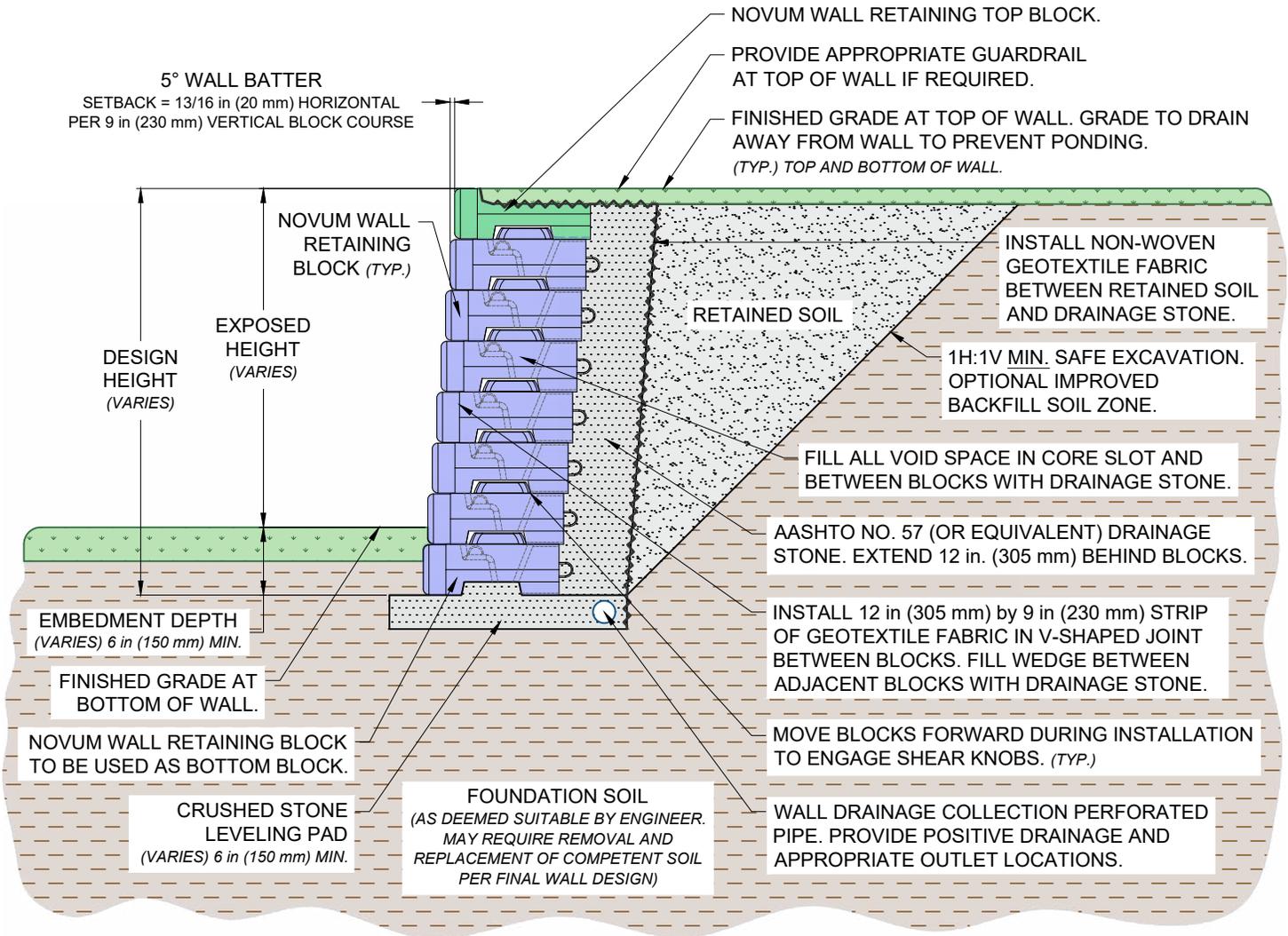
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# CONSTRUCTION DETAILS



# TYPICAL GRAVITY WALL SECTION

NOT TO SCALE



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DRAWN BY:	LBH
APPROVED BY:	DJC
DATE:	04-APR-2024
SHEET:	1 of 1

TITLE:	TYPICAL GRAVITY WALL SECTION
FILE:	Typical_Gravity_Wall_Section.dwg

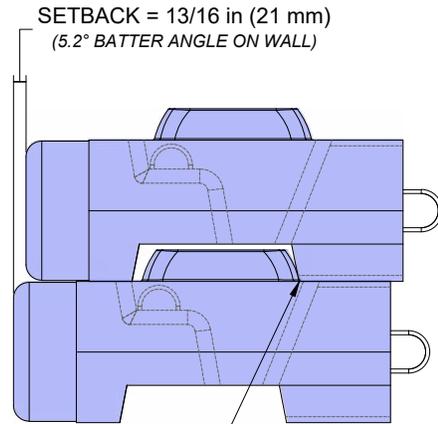
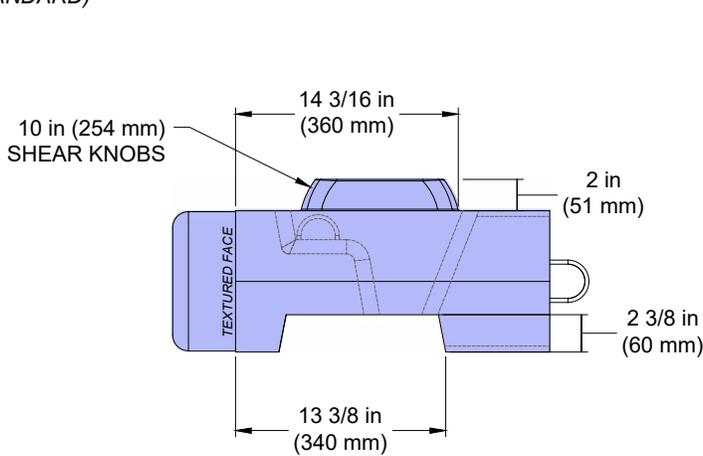


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# BLOCK SETBACK OPTIONS

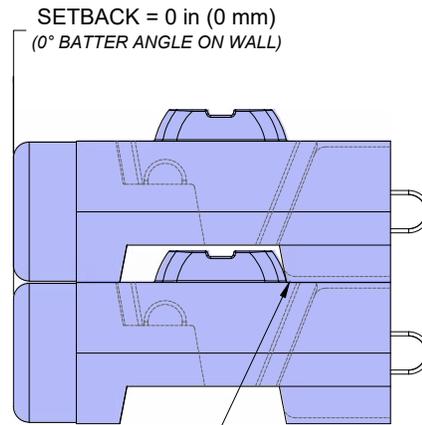
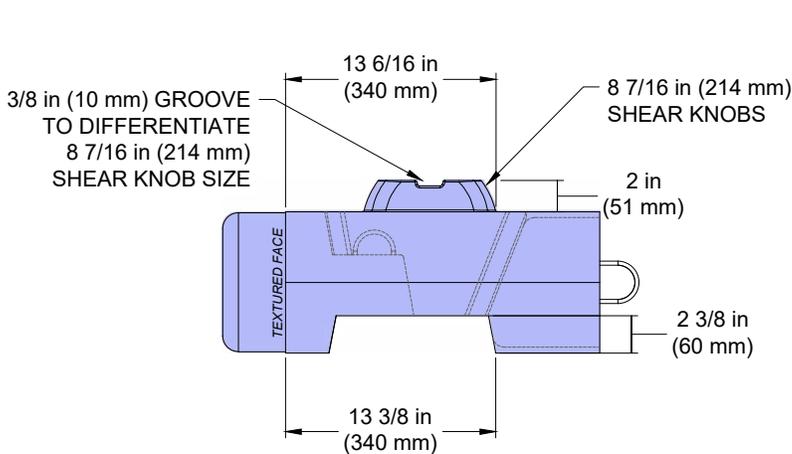
NOT TO SCALE

## FIVE DEGREE (5°) SETBACK (STANDARD)



MOVE BLOCKS FORWARD DURING INSTALLATION TO ENGAGE SHEAR KNOBS (TYP.)

## ZERO DEGREE (0°) SETBACK (SPECIALTY)



MOVE BLOCKS FORWARD DURING INSTALLATION TO ENGAGE SHEAR KNOBS (TYP.)

The block-to-block setback available with Novum Wall is controlled by the size and location of the shear knobs cast into the block. The standard configuration is a 10 in (254 mm) by 5 in (127 mm) knob in a 13/16 in (20 mm) setback per position, resulting in a 5.2° wall batter. Novum Wall blocks also have a specialty option available with a 8 7/16 in (214 mm) by 5 in (127 mm) knob in a 0 in (0 mm) setback position, resulting in a 0° wall batter. 8 7/16 in (214 mm) shear knobs include a 3/8 in (222 mm) groove on top of the shear knob to differentiate them from the 10 in (254 mm) shear knobs.

Due to variability in the Novum Wall block face texture, block setback is most accurately field measured from the block form line.

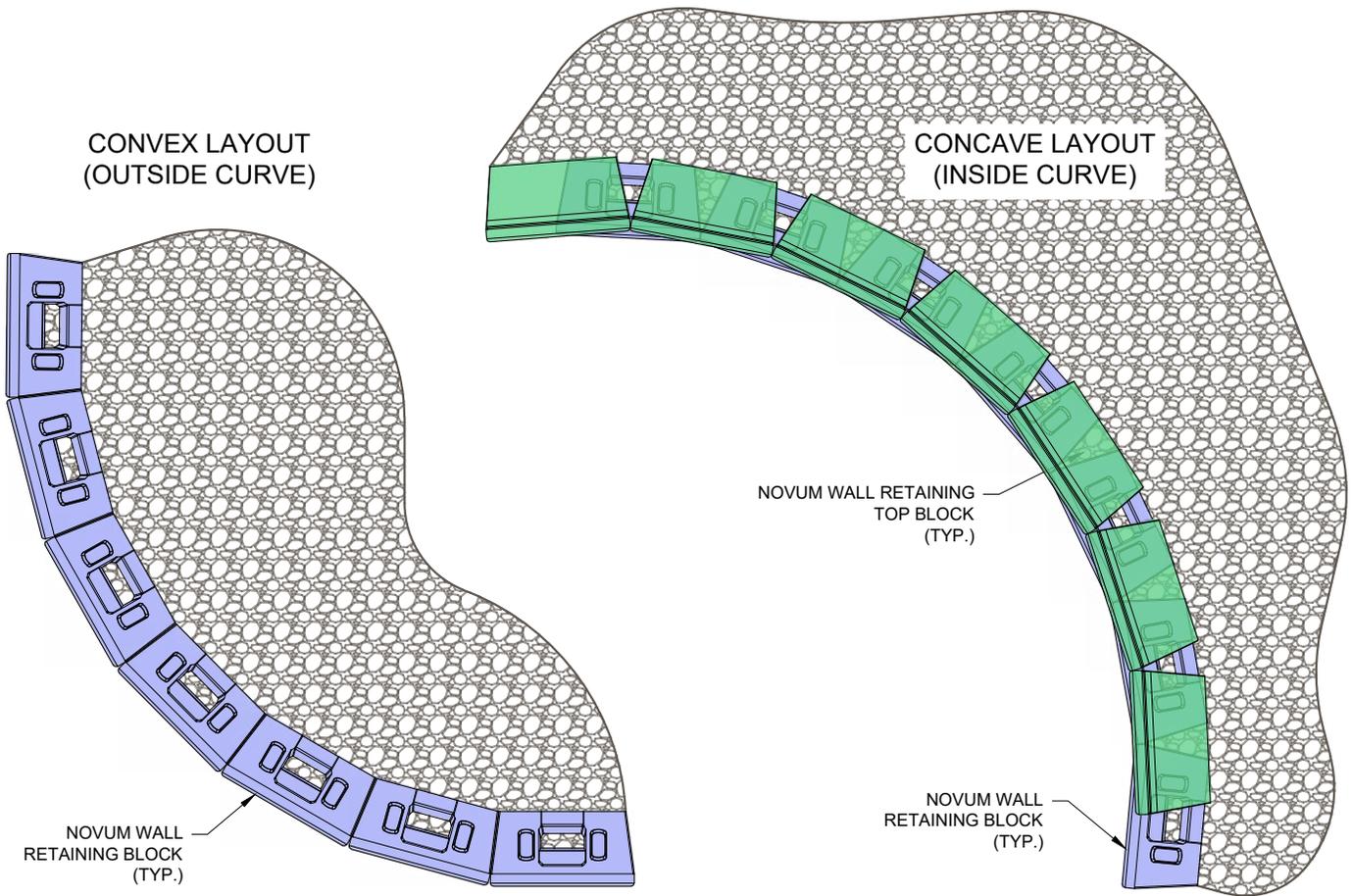
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DRAWN BY:	TDG	TITLE:	<b>BLOCK SETBACK OPTIONS</b>	<b>NOVUM WALL™</b>
APPROVED BY:	LBH			
DATE:	04-APR-2024			
SHEET:	1 of 1	FILE: Block_Setback_Options.dwg		

# CONCAVE AND CONVEX CURVES

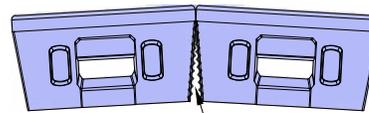
## GRAVITY LAYOUT

NOT TO SCALE



### MINIMUM RADIUS FOR BOTTOM ROW

NUMBER OF COURSES	HEIGHT OF WALL	RADIUS FROM FACE OF BASE BLOCK
1	0 ft - 9 in (0.23 m)	14 ft - 6 in (4.42 m)
2	1 ft - 6 in (0.46 m)	14 ft - 7 in (4.45 m)
3	2 ft - 3 in (0.69 m)	14 ft - 8 in (4.47 m)
4	3 ft - 0 in (0.91 m)	14 ft - 9 in (4.50 m)
5	3 ft - 9 in (1.14 m)	14 ft - 10 in (4.52 m)
6	4 ft - 6 in (1.37 m)	14 ft - 11 in (4.55 m)
7	5 ft - 3 in (1.60 m)	15 ft - 0 in (4.58 m)
8	6 ft - 0 in (1.83 m)	15 ft - 1 in (4.60 m)



PLACE DRAINSTONE (REQUIRED) AND GEOTEXTILE FABRIC (RECOMMENDED) IN JOINT BETWEEN ADJACENT BLOCKS

14 ft - 6 in (4.42 m) is the minimum radius for Novum blocks. It occurs when all of the blocks are placed tight together. A larger radius is required on the bottom row of a Novum Wall to account for the batter between courses of blocks and still provide enough space to construct the top row of blocks.

This radius layout is based on a standard Novum Wall 5° face batter.

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 APPROVED BY: LBH  
 DATE: 04-APR-2024  
 SHEET: 1 of 1

TITLE: **CONCAVE AND CONVEX CURVES GRAVITY LAYOUT**  
 FILE: Concave\_and\_Convex\_Curves\_Gravity\_Layout.dwg

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