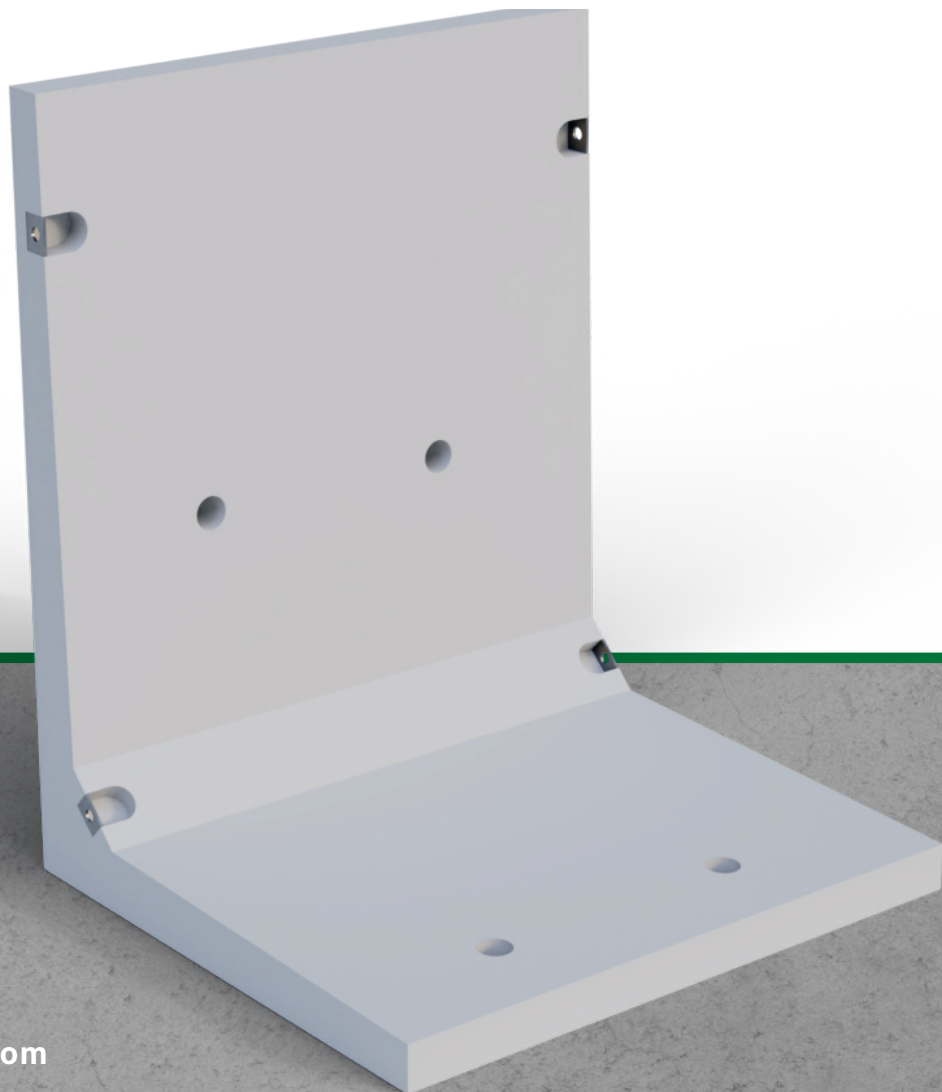


Retaining Walls / Special Walls Compound Walls

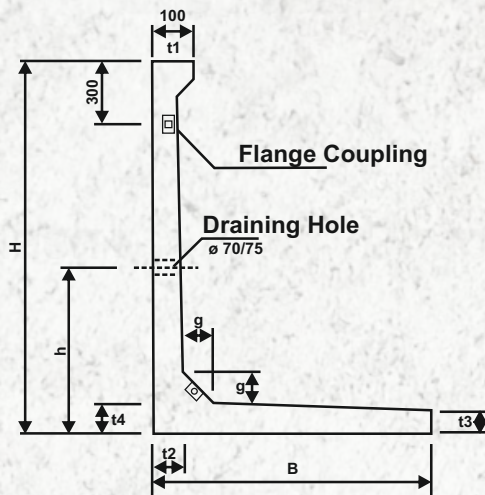
**PRECAST,
THE FUTURE
OF
INFRASTRUCTURE**



Retaining Walls

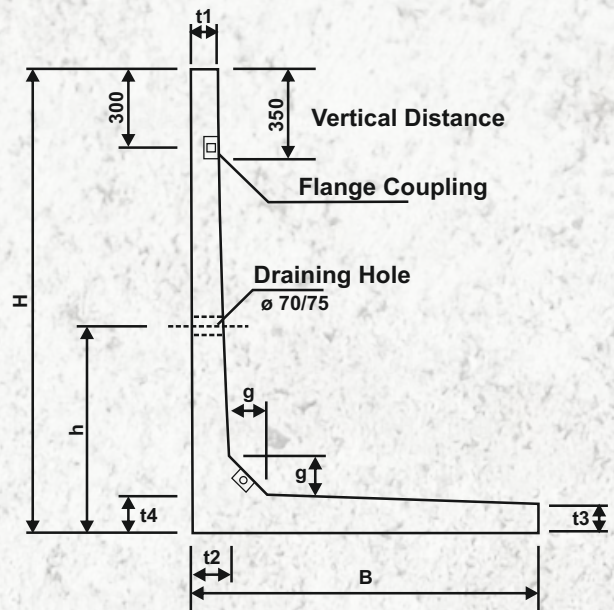
- 3g Infratech manufactures high quality smooth finished Retaining Wall of different height or customized as per requirement.

H=600 ~ H=1000



Section

H=1200 ~ H=3000



Section

Height(mm)	Dimensions(mm)							
H	B	t1	t2	t3	t4	g	h	L
600	680	70	70	70	70	100	300	2000
800	760	80	80	80	80	100	400	2000
1000	850	90	90	90	90	100	500	2000
1200	970	100	100	100	100	120	600	2000
1400	1090	100	120	100	120	120	700	2000
1600	1210	100	130	100	130	150	800	2000
1800	1330	100	140	100	140	150	800	2000
2000	1450	100	150	100	150	150	800	2000
2250	1600	100	170	100	170	180	900	2000
2500	1750	100	180	100	180	180	900	2000
2750	1900	100	200	100	200	200	1000	2000
3000	2050	100	220	100	220	200	1000	2000

Note: We also offer customized size to meet your specific requirements.

(All dimensions are in mm)

Retaining Cum Compound Walls (Special Walls)

Reinforced Concrete Unit Weight $\gamma_c = 24.5 \text{ kN/m}^3$

Unit Weight of soil $\gamma_s = 19 \text{ kN/m}^3$

Angle of internal friction of soil $\Phi = 30^\circ$

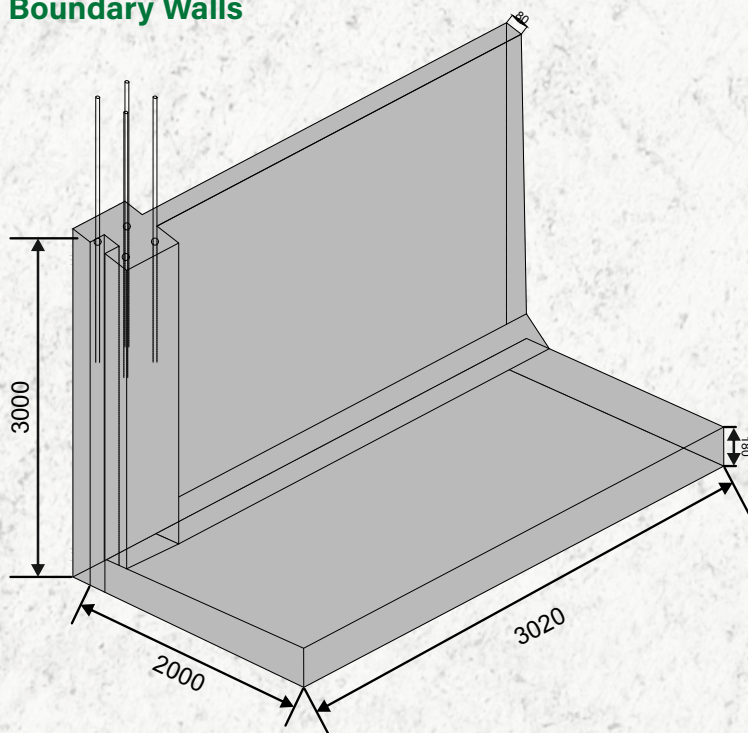
Overburden load $q = 10 \text{ kN/m}^2$

Sliding safety factor $F_s \geq 1.5$

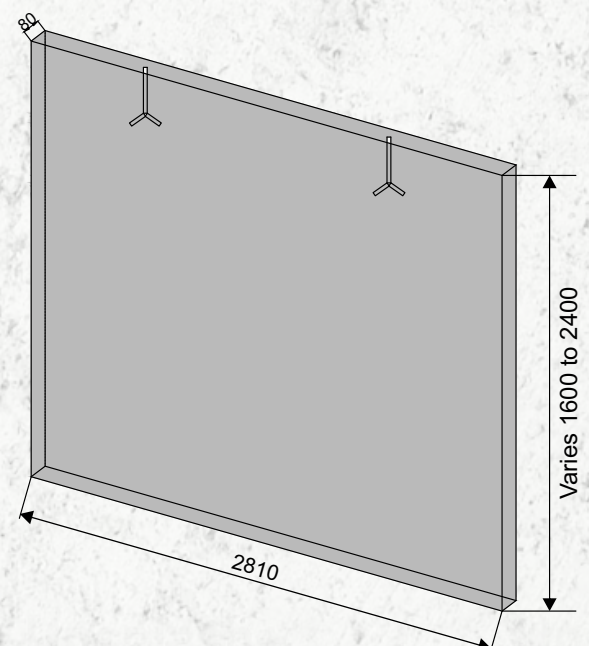
Eccentricity (for overturning) $e \leq B/6$

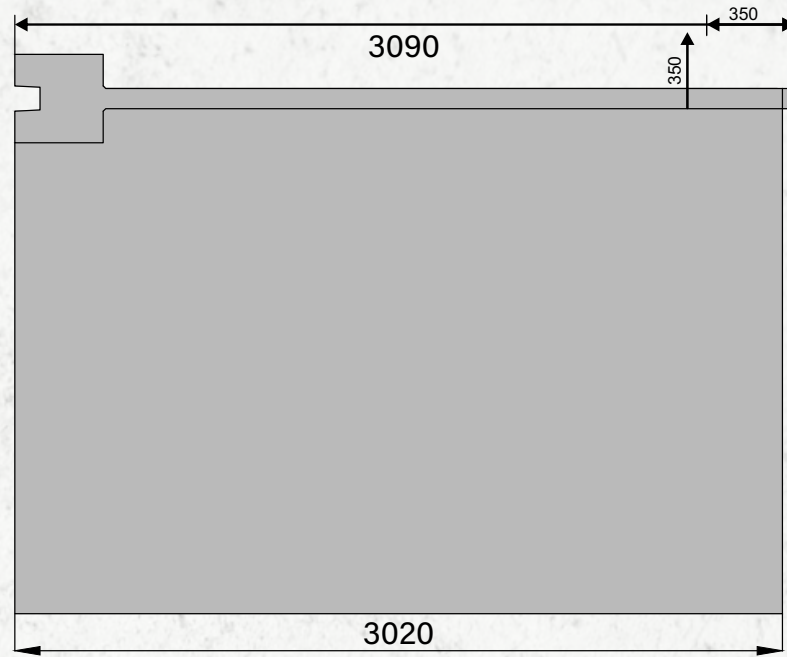


Retaining Walls with Boundary Walls

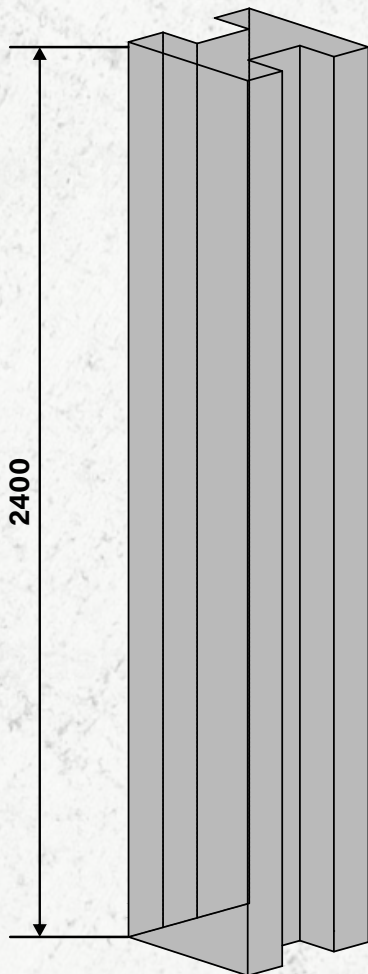


Panel

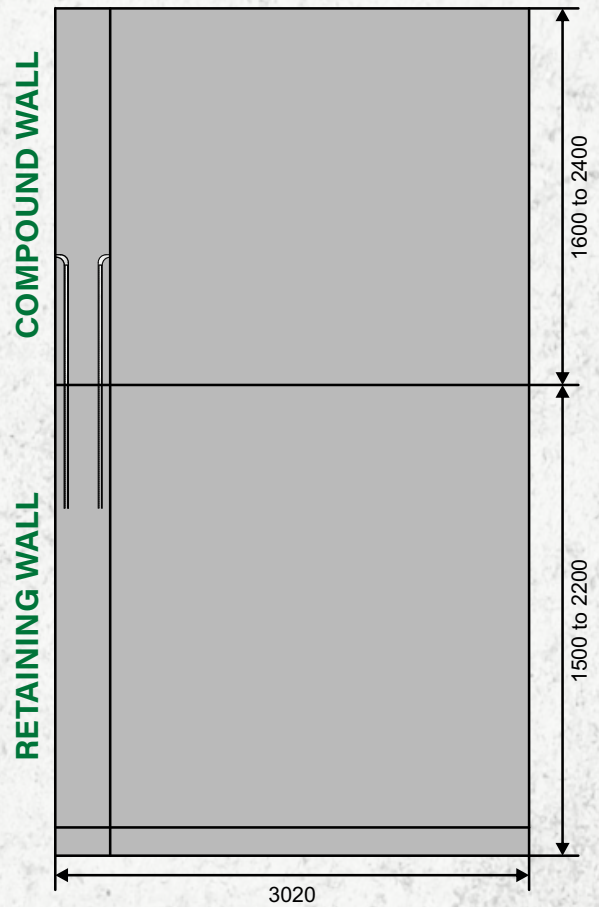




TOP VIEW



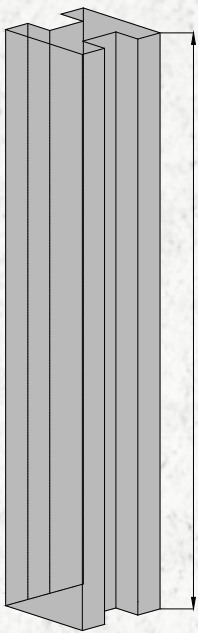
COLUMN



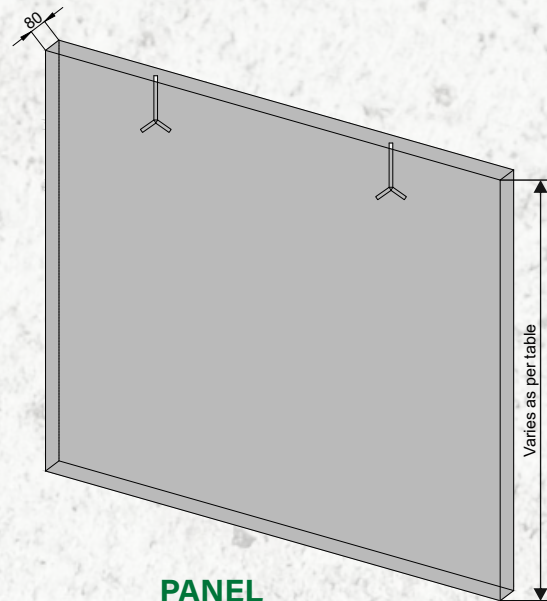
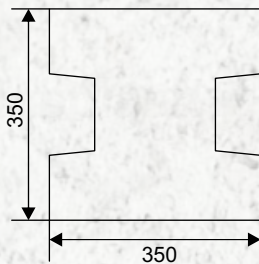
FRONT VIEW

Compound Walls

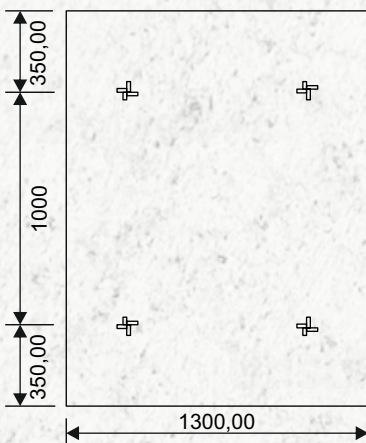
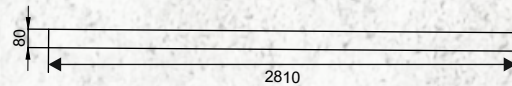
- 3g Infratech manufactures high quality smooth finished Compound Wall of different height or customized as per requirement.



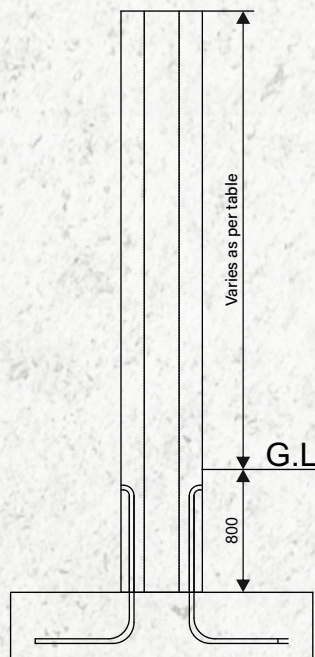
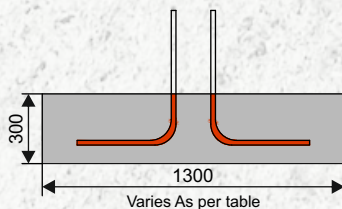
COLUMN



PANEL



FOOTING



From GL Height	Footing Size	Column Size	Panel Size
1800	1000 x 1000 x 300	350 x 350 x 2600	2810 x 1800 x 80
2000	1200 x 1200 x 300	350 x 350 x 2800	2810 x 2000 x 80
2200	1300 x 1300 x 300	350 x 350 x 3000	2810 x 2200 x 80
2400	1300 x 1500 x 300	350 x 350 x 3200	2810 x 2400 x 80
3000	1300 x 1700 x 300	350 x 350 x 4000	2810 x 3000 x 80
3200	1300 x 2000 x 300	350 x 350 x 4500	2810 x 3200 x 80

Note: We also offer customized size to meet your specific requirements.



UNIT 1

Block No - 407, Plot No - 2/1,
Serial No - 3, Pipodara, Mangrol,
Surat, Gujarat-394110.

UNIT 2

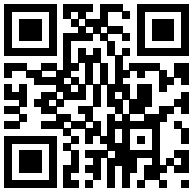
Plot No. 19-23, Block No. 1056,
Village Tadkeshwar, Kim Mandavi
Road, Nr. Vineet Polyfab Pvt. Ltd.,
Taluko, Mandavi, Surat-394170.

UNIT 3

Survey No. - NA1892/P2, Nr. Maruti
Spun Pipe, Ahmedabad Dhandhuka
Highway, At Bagodara, Ta-Bavla,
Dist. Ahmedabad, Gujarat-382230

+91 90995 99554 / +91 90999 40585

info@3ginfratech.com | www.3ginfratech.com



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AatmNirbharBharat