

# ELEVATOR

## CREATION OF A CRAWL SPACE

### ELEVATOR

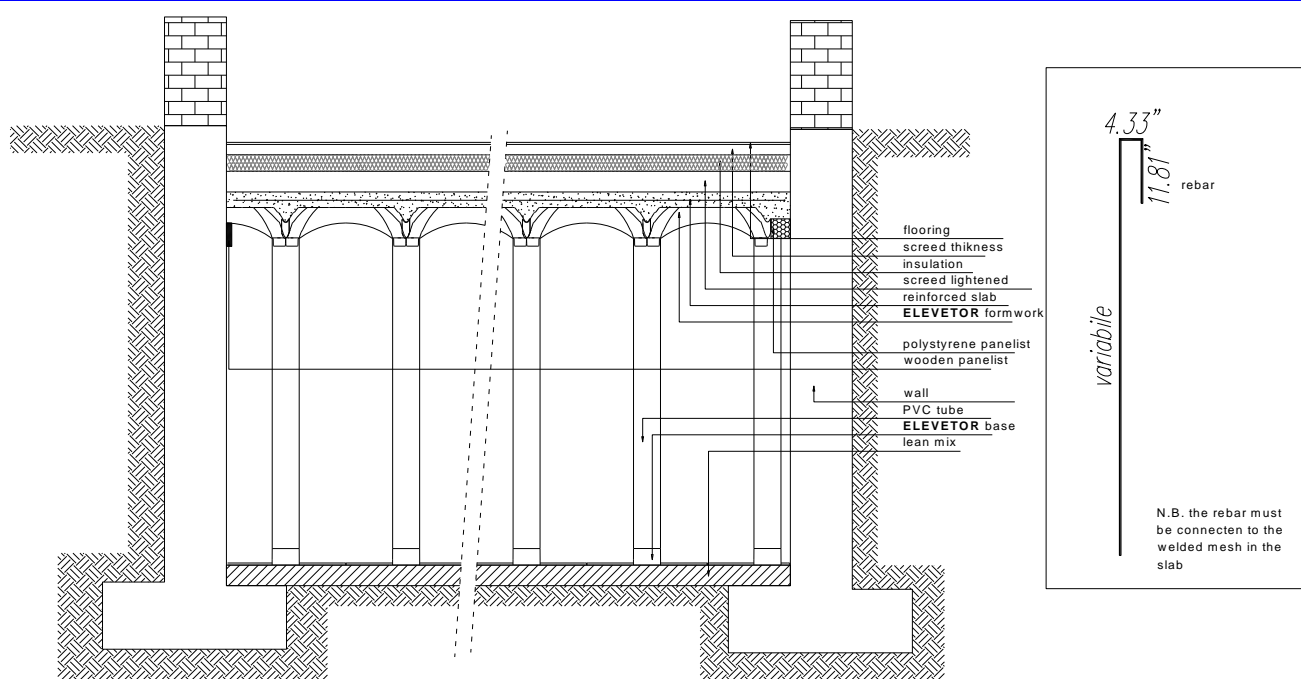
ELEVATOR is a forming system used for the creation of elevated r.c. slab supported by a matrix of pillars: this gives the system a high load-bearing capacity.

This is particularly useful when it would otherwise be necessary to backfill deep foundations, or in the case of weight limits to the structure.

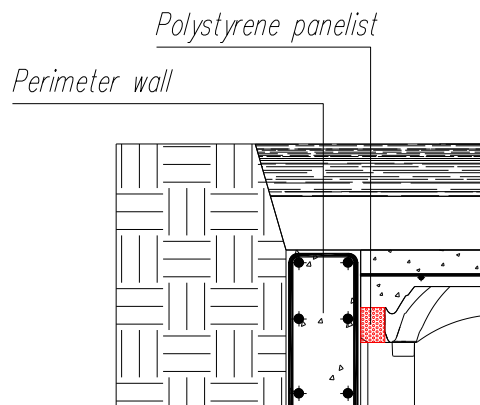
The system is capable of elevations of up to 98.4 in.

### Advantages

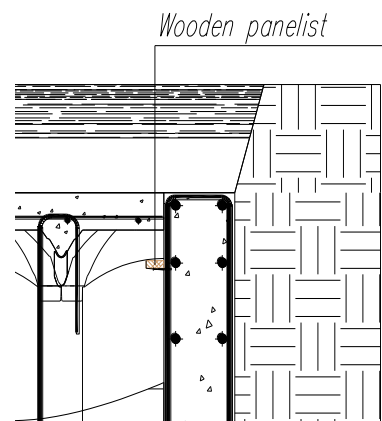
- Creates a structure with high load-bearing capacity
- Structure capable of handling dynamic loads
- High job-site productivity
- Simple job-site logistics & handling
- Elevation of up to 98.4 in
- Low concrete consumption
- Made with recycled material



Detail of polystyrene filler strip



Detail of cut form supported by wood plank





LOAD TYPE	LOAD	Slab thickness	Ground slab thickness	Gravel thickness	Pressure on the ground	Minimum amount reinforcing mesh	
	[lb/sqin]	[in]	[in]	[in]	[lb/sqin]	[sqin/ft]	
CIVIL	1.42	1.96	0	0	49.5	0.060	
			1.96	0	21.2		
			3.94	0	11.6		
			1.96	3.94	7.4		
	2.56	2.36	0	0	81.6	0.060	
			1.96	0	34.8		
			3.94	0	19.3		
	7.11	2.75	3.94	5.91	9.5	0.119	
	INDUSTRIAL	14.22	3.94	5.91	7.87	9.2	0.119