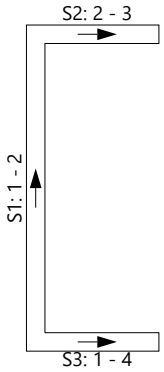
**INDEX**

# 1. WALLS

## 1.1. SW1

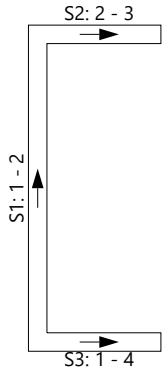
Concrete: f'c=250
Steel for vertical reinforcement: A615M Gr60
Steel for horizontal reinforcement: A615M Gr60

Floor 15 - Floor 1



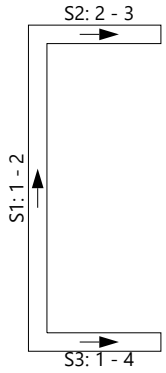

| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 15 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 14 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 13 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 12 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 11 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |

Floor 15 - Floor 1




| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 10 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 9 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 8 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 7 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | 30 | 2x3#5 | (s#3+c#3)@10cm |
| | S3 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 4 | -- | -- | -- |
| Floor 6 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#4@30cm | 2 | -- | -- | -- |
| | | | H: 2x#4@30cm | 3 | 30 | 2x3#5 | (s#3+c#3)@10cm |
| | S3 | 30 | V: 2x#4@30cm | 1 | -- | -- | -- |
| | | | H: 2x#4@30cm | 4 | 30 | 2x3#5 | (s#3+c#3)@10cm |
| Floor 5 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#4@30cm | 2 | -- | -- | -- |
| | | | H: 2x#4@30cm | 3 | 35 | 2x3#5 | (s#3+c#3)@10cm |
| | S3 | 30 | V: 2x#4@30cm | 1 | -- | -- | -- |
| | | | H: 2x#4@30cm | 4 | 35 | 2x3#5 | (s#3+c#3)@10cm |

Floor 15 - Floor 1




| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 4 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#4@30cm | 2 | -- | -- | -- |
| | | | H: 2x#4@30cm | 3 | 45 | 2x4#5 | (s#3+2c#3)@10cm |
| | S3 | 30 | V: 2x#4@30cm | 1 | -- | -- | -- |
| | | | H: 2x#4@30cm | 4 | 45 | 2x4#5 | (s#3+2c#3)@10cm |
| Floor 3 | S1 | 30 | V: 2x#3@20cm | 1 | 90+30 | 2x6#5 + 4#5 | (s#3+5c#3)@7cm |
| | | | H: 2x#3@20cm | 2 | 90+30 | 2x6#5 + 4#5 | (s#3+5c#3)@7cm |
| | S2 | 30 | V: 2x#4@30cm | 2 | 40+30 | 2x3#5 + 4#5 | (s#3+2c#3)@7cm |
| | | | H: 2x#4@30cm | 3 | 55 | 2x4#5 | (s#3+2c#3)@9cm |
| | S3 | 30 | V: 2x#4@30cm | 1 | 40+30 | 2x3#5 + 4#5 | (s#3+2c#3)@7cm |
| | | | H: 2x#4@30cm | 4 | 55 | 2x4#5 | (s#3+2c#3)@9cm |
| Floor 2 | S1 | 30 | V: 2x#3@20cm | 1 | 105+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | | | H: 2x#3@20cm | 2 | 105+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | S2 | 30 | V: 2x#4@30cm | 2 | 45+30 | 2x4#5 + 4#5 | (s#3+3c#3)@9cm |
| | | | H: 2x#4@30cm | 3 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | S3 | 30 | V: 2x#4@30cm | 1 | 45+30 | 2x4#5 + 4#5 | (s#3+3c#3)@9cm |
| | | | H: 2x#4@30cm | 4 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| Floor 1 | S1 | 30 | V: 2x#3@20cm | 1 | 120+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | | | H: 2x#3@20cm | 2 | 120+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | S2 | 30 | V: 2x#4@30cm | 2 | 50+30 | 2x4#5 + 4#5 | (s#3+3c#3)@8cm |
| | | | H: 2x#4@30cm | 3 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | S3 | 30 | V: 2x#4@30cm | 1 | 50+30 | 2x4#5 + 4#5 | (s#3+3c#3)@8cm |
| | | | H: 2x#4@30cm | 4 | 65 | 2x5#5 | (s#3+3c#3)@10cm |

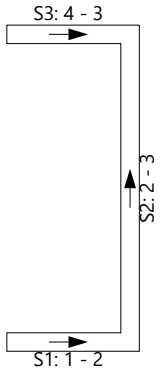
## 1.2. SW2

Concrete: f'c=250

Steel for vertical reinforcement: A615M Gr60

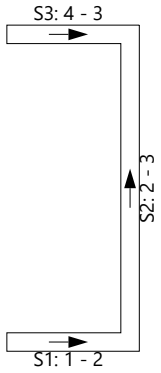
Steel for horizontal reinforcement: A615M Gr60

Floor 15 - Floor 1



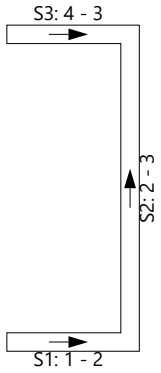

| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 15 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 14 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 13 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 12 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 11 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 10 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |

Floor 15 - Floor 1




| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 9 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 8 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 7 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#3@20cm | 4 | 30 | 2x3#5 | (s#3+c#3)@10cm |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| Floor 6 | S1 | 30 | V: 2x#4@30cm | 1 | 30 | 2x3#5 | (s#3+c#3)@10cm |
| | | | H: 2x#4@30cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#4@30cm | 4 | 30 | 2x3#5 | (s#3+c#3)@10cm |
| | | | H: 2x#4@30cm | 3 | -- | -- | -- |
| Floor 5 | S1 | 30 | V: 2x#4@30cm | 1 | 35 | 2x3#5 | (s#3+c#3)@10cm |
| | | | H: 2x#4@30cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#4@30cm | 4 | 35 | 2x3#5 | (s#3+c#3)@10cm |
| | | | H: 2x#4@30cm | 3 | -- | -- | -- |
| Floor 4 | S1 | 30 | V: 2x#4@30cm | 1 | 45 | 2x4#5 | (s#3+2c#3)@10cm |
| | | | H: 2x#4@30cm | 2 | -- | -- | -- |
| | S2 | 30 | V: 2x#3@20cm | 2 | -- | -- | -- |
| | | | H: 2x#3@20cm | 3 | -- | -- | -- |
| | S3 | 30 | V: 2x#4@30cm | 4 | 40 | 2x3#5 | (s#3+c#3)@9cm |
| | | | H: 2x#4@30cm | 3 | -- | -- | -- |

Floor 15 - Floor 1




| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 3 | S1 | 30 | V: 2x#4@30cm | 1 | 55 | 2x4#5 | (s#3+2c#3)@9cm |
| | | | H: 2x#4@30cm | 2 | 40+30 | 2x3#5 + 4#5 | (s#3+2c#3)@7cm |
| | S2 | 30 | V: 2x#3@20cm | 2 | 90+30 | 2x6#5 + 4#5 | (s#3+5c#3)@7cm |
| | | | H: 2x#3@20cm | 3 | 90+30 | 2x6#5 + 4#5 | (s#3+5c#3)@7cm |
| | S3 | 30 | V: 2x#4@30cm | 4 | 55 | 2x4#5 | (s#3+2c#3)@9cm |
| | | | H: 2x#4@30cm | 3 | 40+30 | 2x3#5 + 4#5 | (s#3+2c#3)@7cm |
| Floor 2 | S1 | 30 | V: 2x#4@30cm | 1 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#4@30cm | 2 | 45+30 | 2x4#5 + 4#5 | (s#3+3c#3)@9cm |
| | S2 | 30 | V: 2x#3@20cm | 2 | 105+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | | | H: 2x#3@20cm | 3 | 105+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | S3 | 30 | V: 2x#4@30cm | 4 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#4@30cm | 3 | 45+30 | 2x4#5 + 4#5 | (s#3+3c#3)@9cm |
| Floor 1 | S1 | 30 | V: 2x#3@20cm | 1 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 50+30 | 2x4#5 + 4#5 | (s#3+3c#3)@8cm |
| | S2 | 30 | V: 2x#3@20cm | 2 | 120+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | | | H: 2x#3@20cm | 3 | 120+30 | 2x7#5 + 4#5 | (s#3+6c#3)@7cm |
| | S3 | 30 | V: 2x#4@30cm | 4 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#4@30cm | 3 | 50+30 | 2x4#5 + 4#5 | (s#3+3c#3)@8cm |

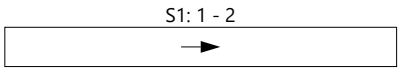
## 1.3. SW3

Concrete: f'c=250

Steel for vertical reinforcement: A615M Gr60

Steel for horizontal reinforcement: A615M Gr60

Floor 15 - Floor 1




| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 15 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 14 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 13 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |

| Floor 15 - Floor 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| S1: 1 - 2 → | | | | | | | |
| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 12 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 11 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 10 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 9 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 8 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 7 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 6 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 5 | S1 | 30 | V: 2x#3@20cm | 1 | 45 | 2x4#5 | (s#3+2c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 45 | 2x4#5 | (s#3+2c#3)@10cm |
| Floor 4 | S1 | 30 | V: 2x#3@20cm | 1 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| Floor 3 | S1 | 30 | V: 2x#3@20cm | 1 | 70 | 2x5#5 | (s#3+3c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 70 | 2x5#5 | (s#3+3c#3)@9cm |
| Floor 2 | S1 | 30 | V: 2x#3@20cm | 1 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| | | | H: 2x#3@20cm | 2 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| Floor 1 | S1 | 30 | V: 2x#3@20cm | 1 | 85 | 2x6#5 | (s#3+4c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 85 | 2x6#5 | (s#3+4c#3)@9cm |

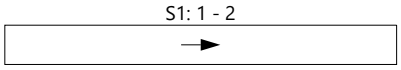
## 1.4. SW4

Concrete: f'c=250

Steel for vertical reinforcement: A615M Gr60

Steel for horizontal reinforcement: A615M Gr60

| Floor 15 - Floor 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| S1: 1 - 2 → | | | | | | | |
| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 15 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 14 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 13 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 12 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 11 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |

| Floor 15 - Floor 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
|  | | | | | | | |
| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 10 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 9 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 8 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 7 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 6 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 5 | S1 | 30 | V: 2x#3@20cm | 1 | 45 | 2x4#5 | (s#3+2c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 45 | 2x4#5 | (s#3+2c#3)@10cm |
| Floor 4 | S1 | 30 | V: 2x#3@20cm | 1 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| Floor 3 | S1 | 30 | V: 2x#3@20cm | 1 | 70 | 2x5#5 | (s#3+3c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 70 | 2x5#5 | (s#3+3c#3)@9cm |
| Floor 2 | S1 | 30 | V: 2x#3@20cm | 1 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| | | | H: 2x#3@20cm | 2 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| Floor 1 | S1 | 30 | V: 2x#3@20cm | 1 | 85 | 2x6#5 | (s#3+4c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 85 | 2x6#5 | (s#3+4c#3)@9cm |

## 1.5. SW5

Concrete: f'c=250

Steel for vertical reinforcement: A615M Gr60

Steel for horizontal reinforcement: A615M Gr60

| Floor 14 - Floor 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
|  | | | | | | | |
| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 14 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 13 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 12 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |

Floor 14 - Floor 1


| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 11 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 10 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 9 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 8 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 7 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | 40 | 2x3#5 | (s#3+c#3)@9cm |
| Floor 6 | S1 | 30 | V: 2x#3@20cm | 1 | 50 | 2x4#5 | (s#3+2c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 55 | 2x4#5 | (s#3+2c#3)@9cm |
| Floor 5 | S1 | 30 | V: 2x#3@20cm | 1 | 60 | 2x4#5 | (s#3+2c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 60 | 2x4#5 | (s#3+2c#3)@9cm |
| Floor 4 | S1 | 30 | V: 2x#3@20cm | 1 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| Floor 3 | S1 | 30 | V: 2x#3@20cm | 1 | 75 | 2x5#5 | (s#3+3c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 75 | 2x5#5 | (s#3+3c#3)@9cm |
| Floor 2 | S1 | 30 | V: 2x#3@20cm | 1 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| | | | H: 2x#3@20cm | 2 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| Floor 1 | S1 | 30 | V: 2x#3@20cm | 1 | 85 | 2x6#5 | (s#3+4c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 85 | 2x6#5 | (s#3+4c#3)@9cm |

## 1.6. SW6

Concrete: f'c=250

Steel for vertical reinforcement: A615M Gr60

Steel for horizontal reinforcement: A615M Gr60

Floor 14 - Floor 1


| Section | Segment | Thickness (cm) | Unconfined reinforcement | Edge elements | | Confined reinforcement | |
|---|---|---|---|---|---|---|---|
| | | | | Node | Length (cm) | Vertical reinforcement | Stirrups |
| Floor 14 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 13 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 12 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 11 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 10 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 9 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 8 | S1 | 30 | V: 2x#3@20cm | 1 | -- | -- | -- |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 7 | S1 | 30 | V: 2x#3@20cm | 1 | 40 | 2x3#5 | (s#3+c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | -- | -- | -- |
| Floor 6 | S1 | 30 | V: 2x#3@20cm | 1 | 55 | 2x4#5 | (s#3+2c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 50 | 2x4#5 | (s#3+2c#3)@10cm |
| Floor 5 | S1 | 30 | V: 2x#3@20cm | 1 | 60 | 2x4#5 | (s#3+2c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 60 | 2x4#5 | (s#3+2c#3)@9cm |
| Floor 4 | S1 | 30 | V: 2x#3@20cm | 1 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| | | | H: 2x#3@20cm | 2 | 65 | 2x5#5 | (s#3+3c#3)@10cm |
| Floor 3 | S1 | 30 | V: 2x#3@20cm | 1 | 75 | 2x5#5 | (s#3+3c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 75 | 2x5#5 | (s#3+3c#3)@9cm |
| Floor 2 | S1 | 30 | V: 2x#3@20cm | 1 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| | | | H: 2x#3@20cm | 2 | 80 | 2x5#5 | (s#3+3c#3)@8cm |
| Floor 1 | S1 | 30 | V: 2x#3@20cm | 1 | 85 | 2x6#5 | (s#3+4c#3)@9cm |
| | | | H: 2x#3@20cm | 2 | 85 | 2x6#5 | (s#3+4c#3)@9cm |

# 2. COUPLING BEAMS

## 2.1. Floor 1

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW2 - SW4 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW3 - SW2 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW4 - SW1 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.2. Floor 2

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.3. Floor 3

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.4. Floor 4

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.5. Floor 5

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.6. Floor 6

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 140 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 5 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.7. Floor 7

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.8. Floor 8

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.9. Floor 9

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #5 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.10. Floor 10

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.11. Floor 11

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #4 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.12. Floor 12

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.13. Floor 13

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 3 #3 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*

## 2.14. Floor 14

| Reference | Dimensions (cm) | Concrete | Steel | | Longitudinal | | | Stirrups | Diagonals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Longitudinal | Stirrups | Corners | Top/Bottom[1] | Skin[2] | | Dim. (cm) | Longitudinal | Stirrups |
| SW1 - SW3 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #3 | s#4@6cm |
| SW2 - SW4 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #3 | s#4@6cm |
| SW3 - SW2 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #3 | s#4@6cm |
| SW4 - SW1 | 30 x 100 | 25.00 MPa | A615M Gr60 | A615M Gr60 | #3 | -- | 3 #3 | s#3@23cm | 15 x 12 | 2 x 2 #3 | s#4@6cm |

[1] *Top/bottom face*
[2] *Skin reinforcement*