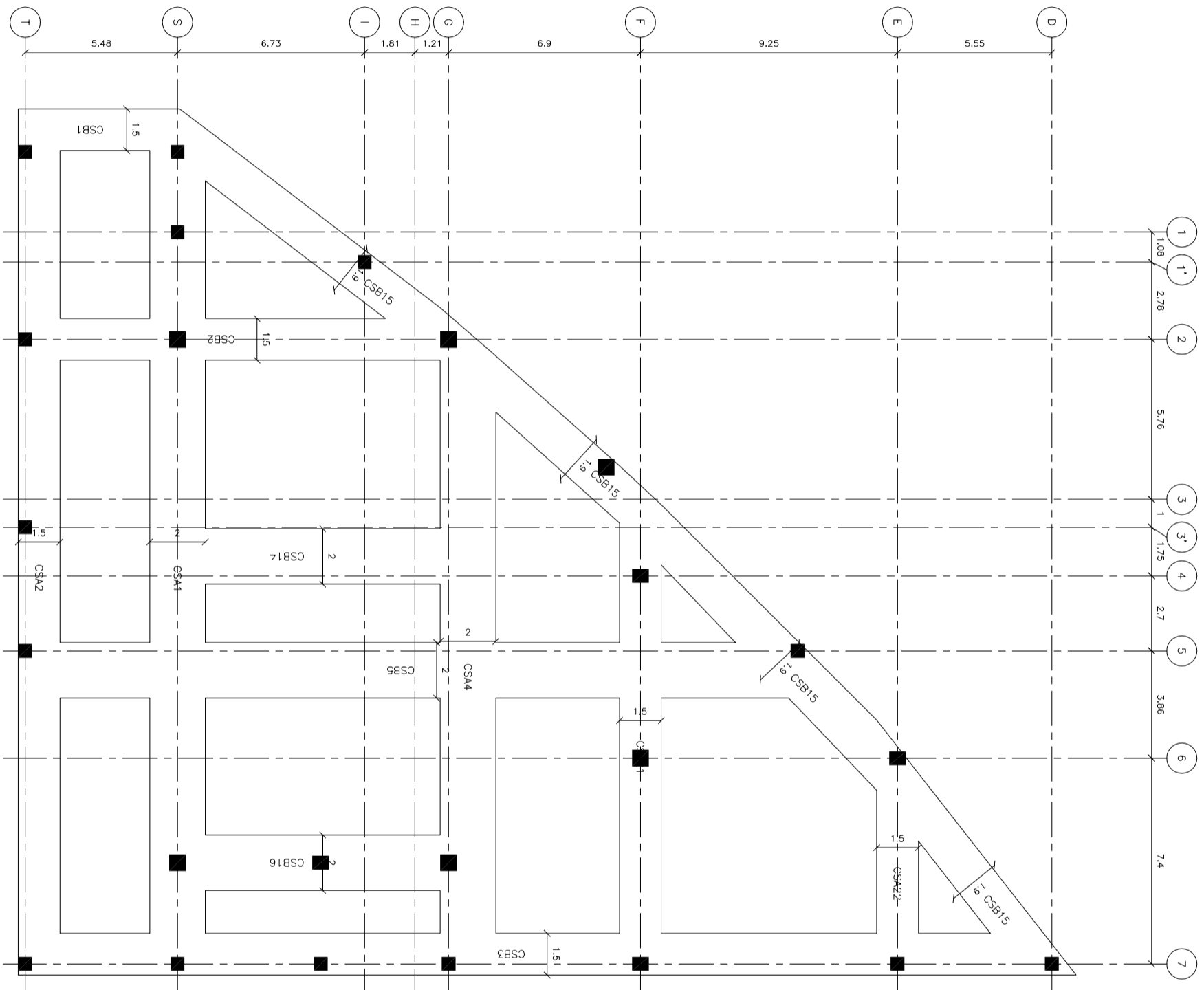


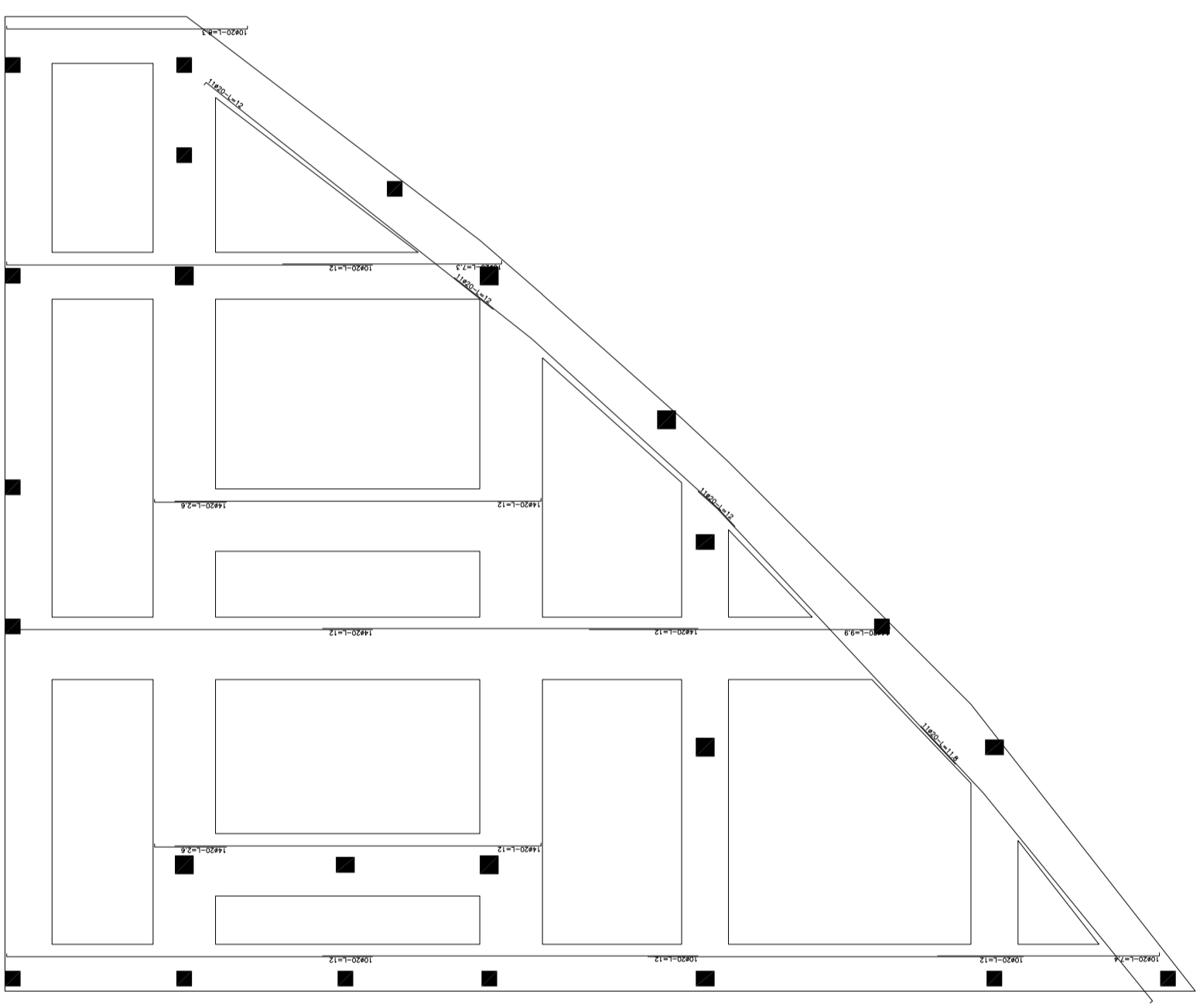
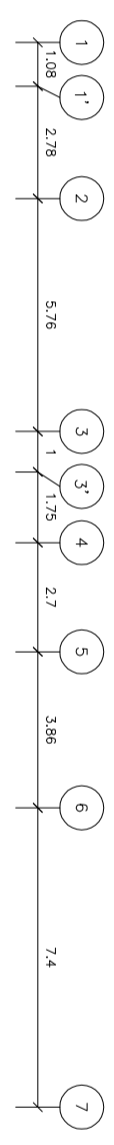
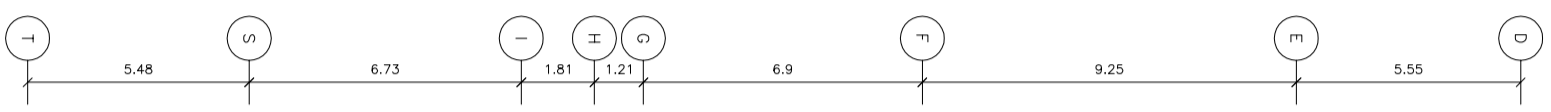
نمونه نقشه فونداسیون
تهیه شده با نرم افزار ایتے بار



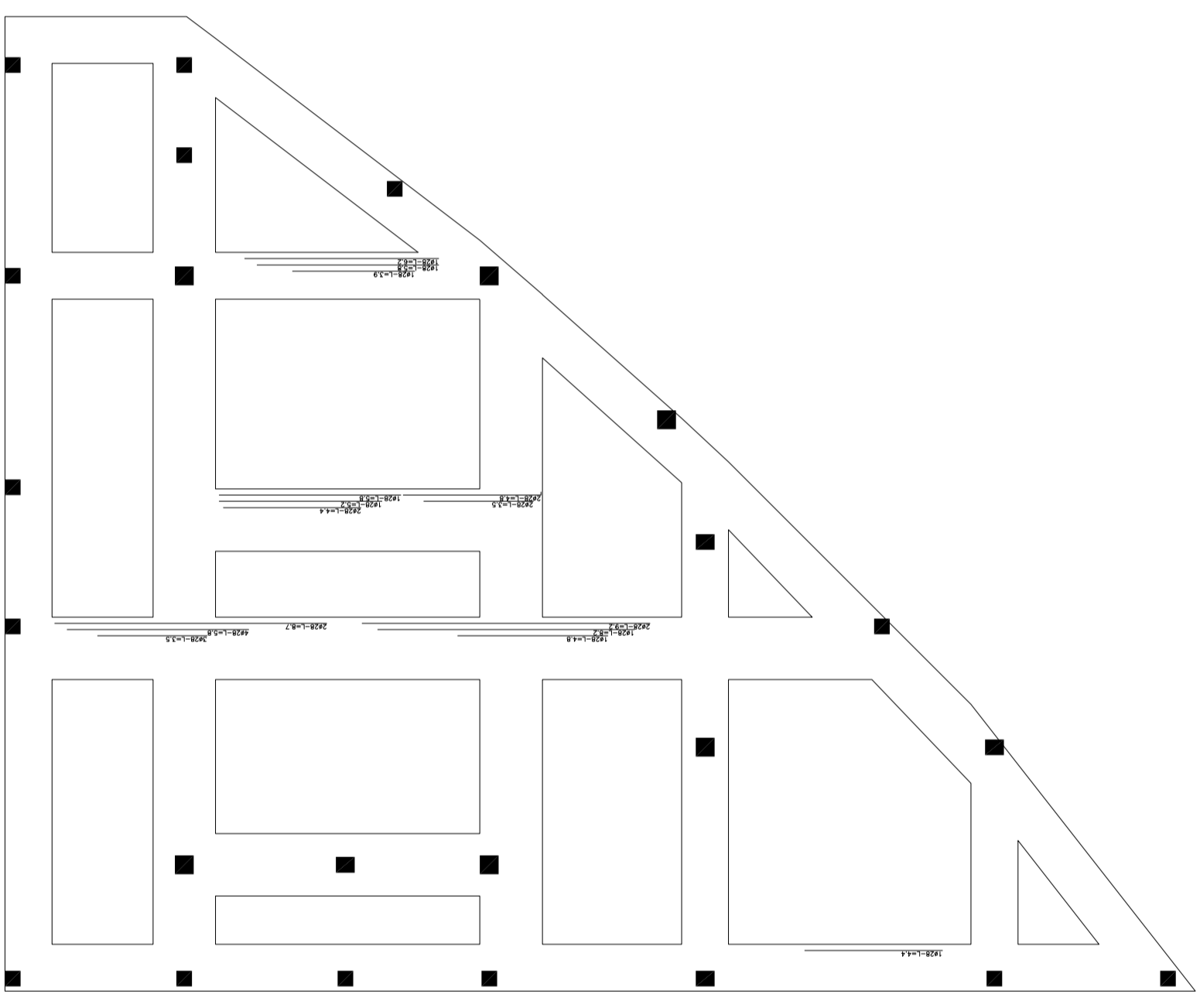
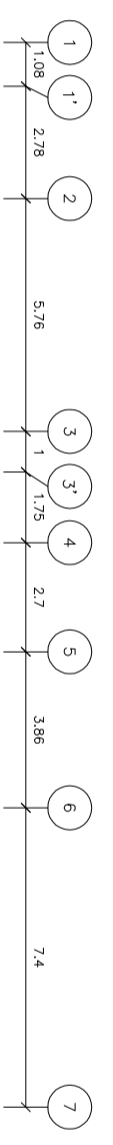
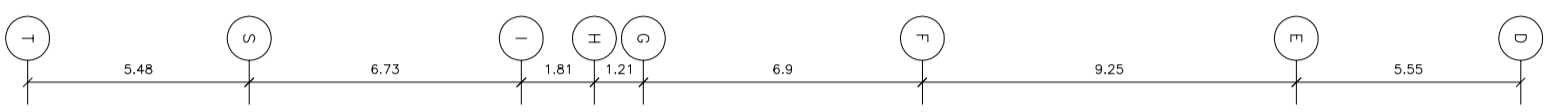
بدون هرگونه ویرایش



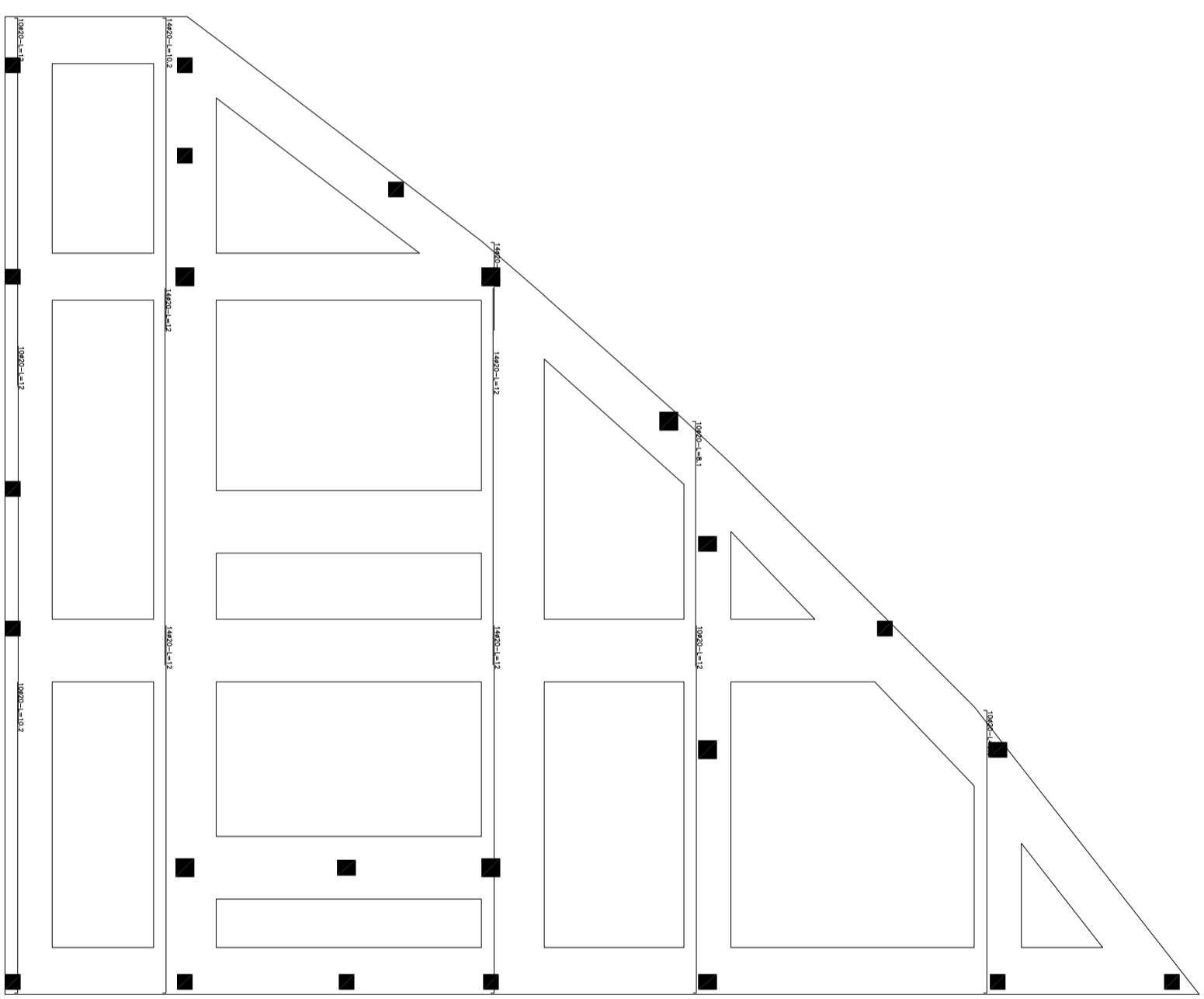
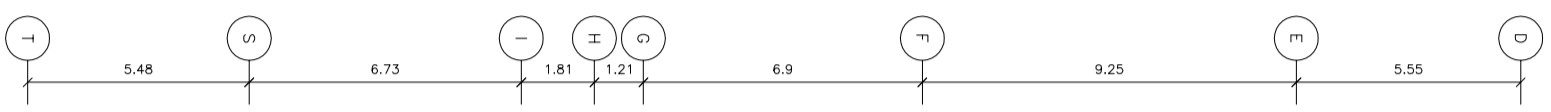
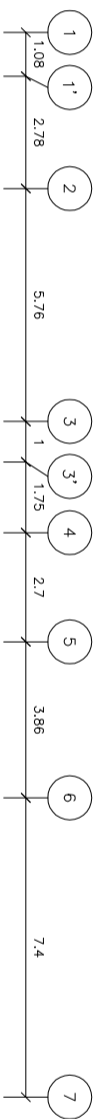
Name & Width Of Strips



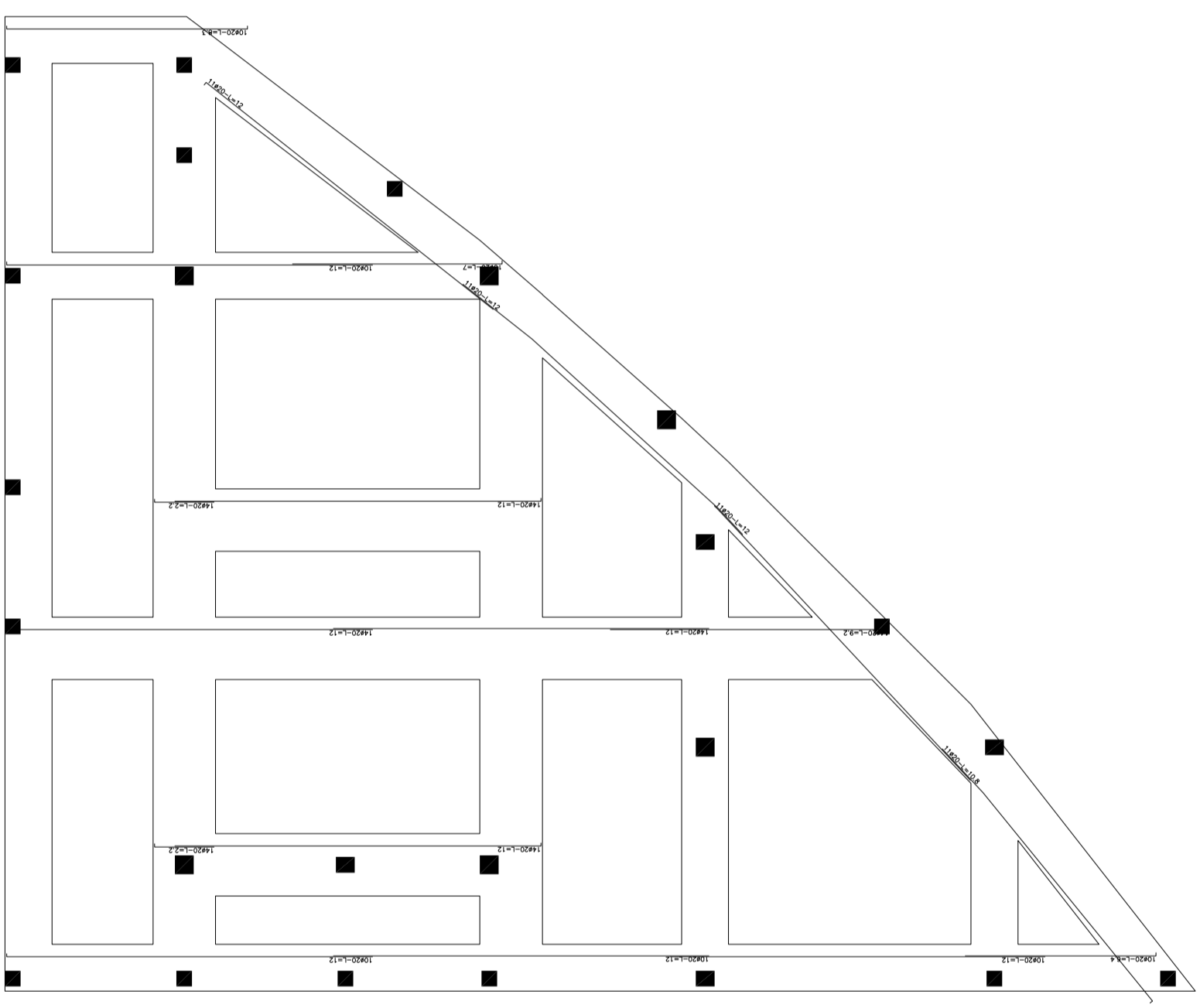
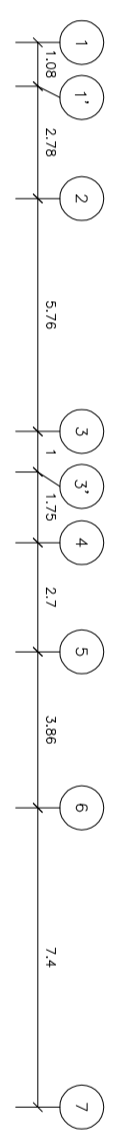
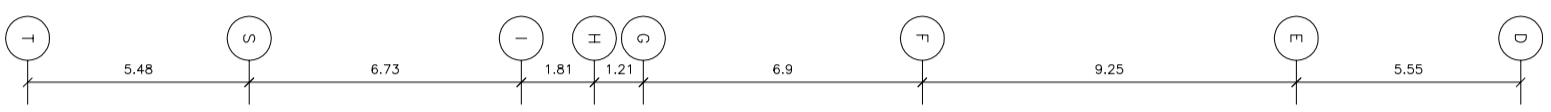
Top Typical Rebars Of Y Direction



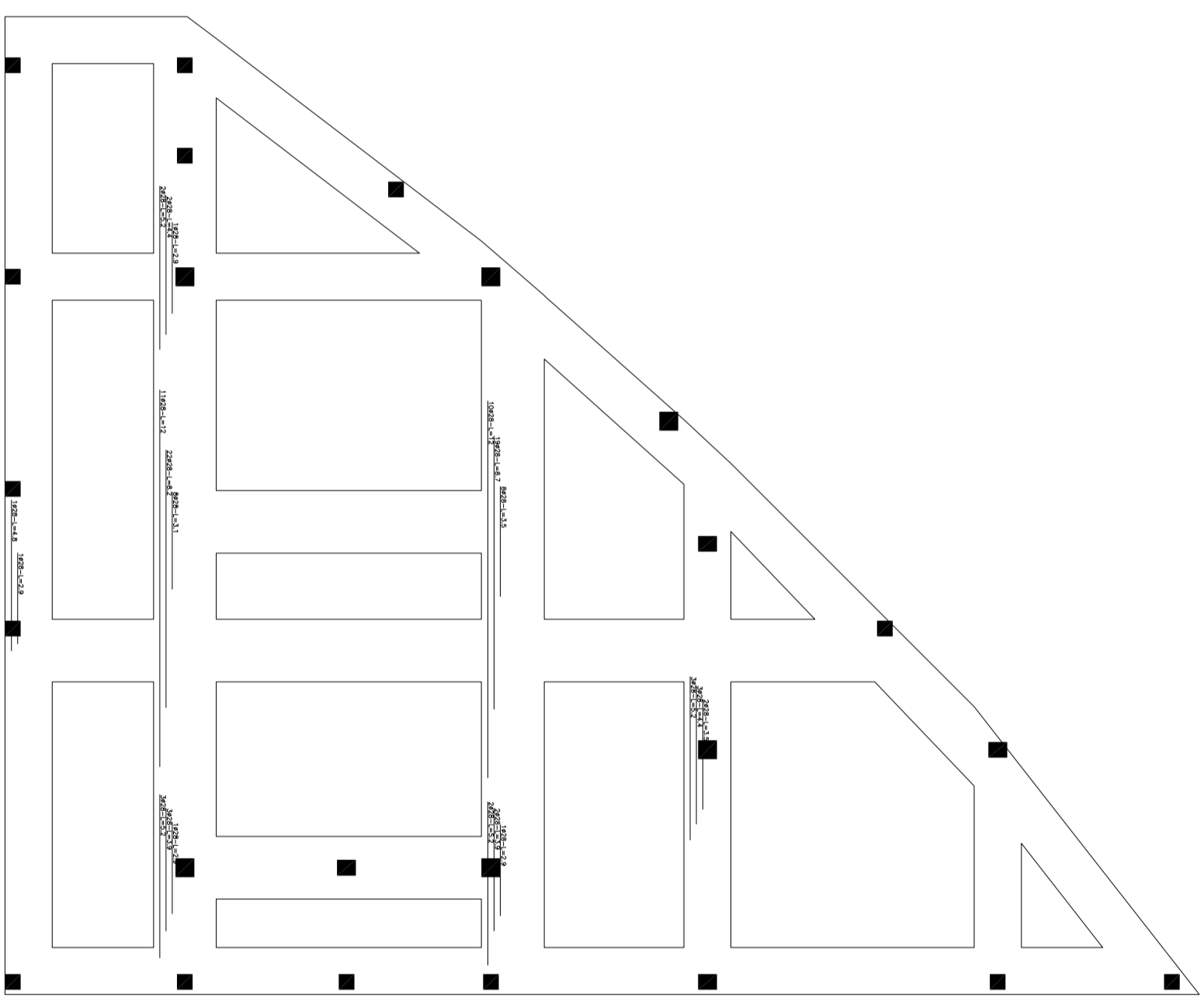
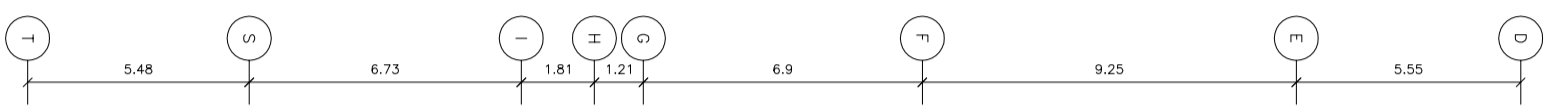
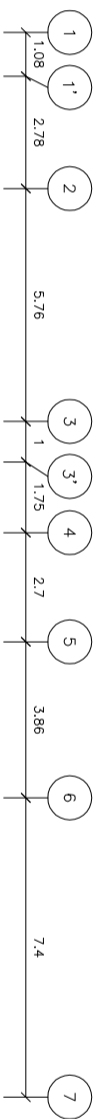
Top Additional Rebars Of Y Direction



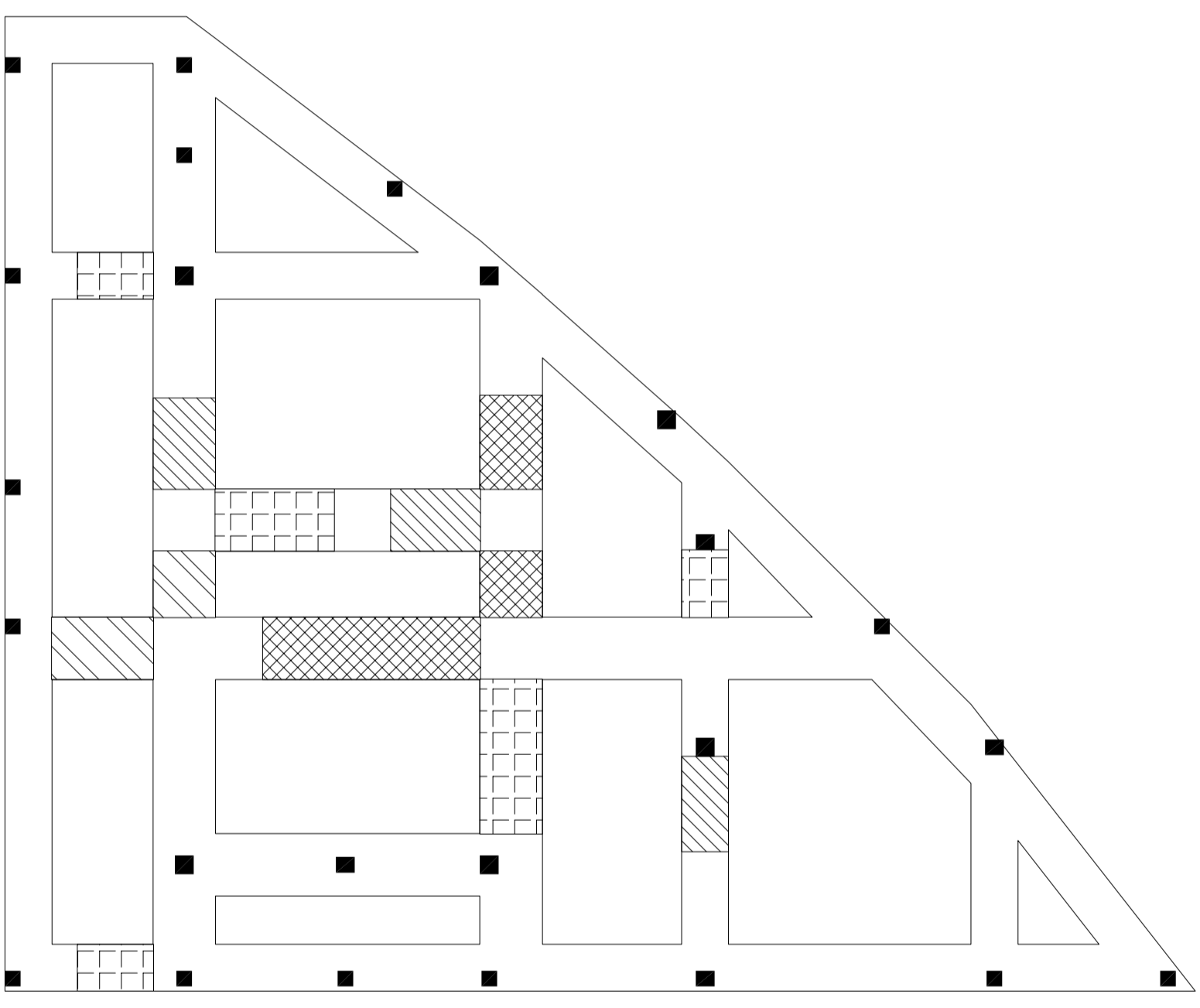
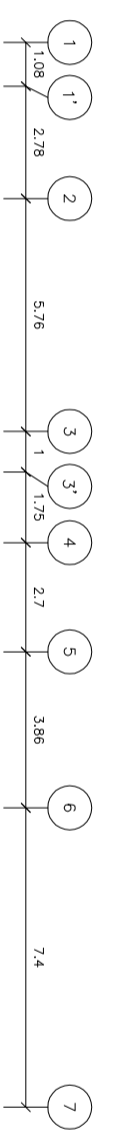
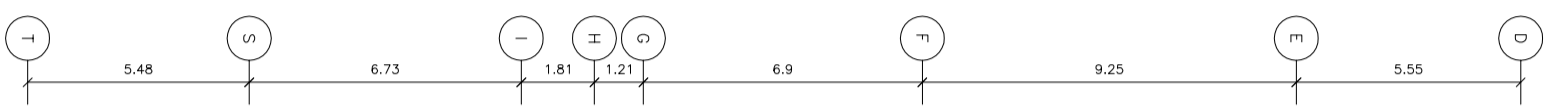
Bottom Typical Rebars Of X Direction



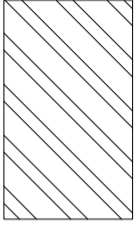
Bottom Typical Rebars Of Y Direction



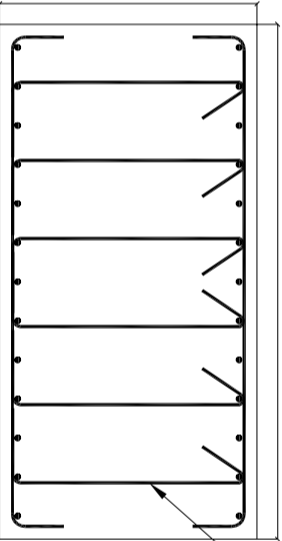
Bottom Additional Rebars Of X Direction



Shear Rebars

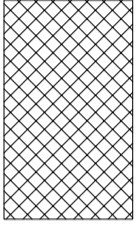


1.2m

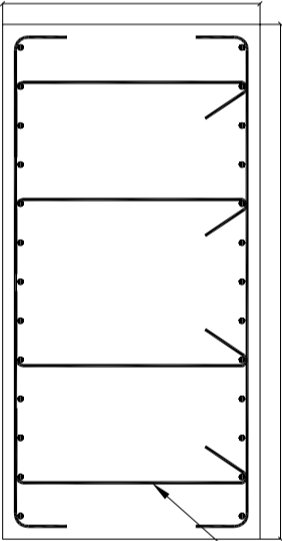


Width Of Strip

6Ø16@15cm

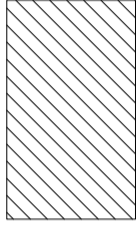


1.2m

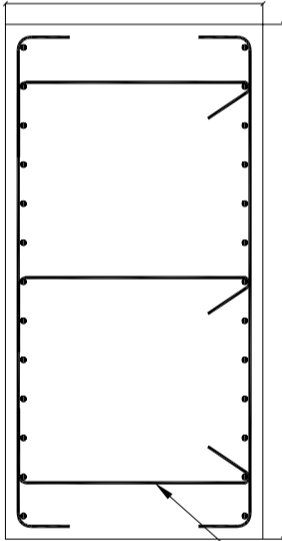


Width Of Strip

4Ø16@17cm

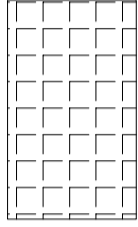


1.2m

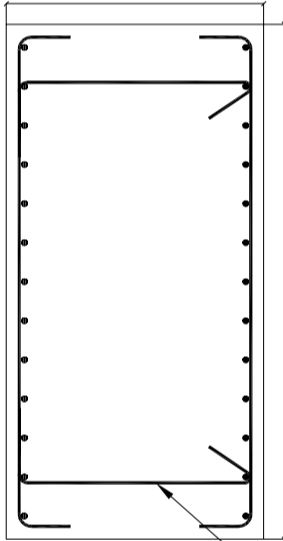


Width Of Strip

3Ø16@17cm



1.2m



Width Of Strip

2Ø16@21cm

Length Of Overlap for Foundation in cm

| Rebar Size | F _c =250kg/cm ² , F _y =4000kg/cm ² | | | | | | | | | | | | | | | | |
|------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|
| | ø10 | ø12 | ø14 | ø16 | ø18 | ø20 | ø22 | ø25 | ø28 | ø32 | | | | | | | |
| Top | 55 | 65 | 80 | 90 | 105 | 120 | 160 | 175 | 200 | 225 | 255 | | | | | | |
| bottom | 45 | 50 | 60 | 70 | 80 | 90 | 125 | 135 | 155 | 175 | 195 | | | | | | |

| Number Of Length Type Of Additional Rebars | |
|--|----|
| Stack | 3 |
| Total | 20 |

Typical Rebars

| POS | SHAPE | D. | Number | L(m) | weight(kg) |
|--------------|--------|----|--------|------|------------|
| 1 | Ø 1.9 | 20 | 28 | 2.2 | 152 |
| 2 | Ø 2.3 | 20 | 28 | 2.6 | 180 |
| 3 | Ø 2.8 | 20 | 14 | 3.1 | 107 |
| 4 | Ø 3.5 | 20 | 14 | 3.8 | 131 |
| 5 | Ø 4.1 | 20 | 10 | 6.4 | 158 |
| 6 | Ø 4.7 | 20 | 10 | 7 | 173 |
| 7 | Ø 7 | 20 | 10 | 7.3 | 180 |
| 8 | Ø 7.1 | 20 | 10 | 7.4 | 182 |
| 9 | Ø 7.2 | 20 | 10 | 8.1 | 200 |
| 10 | Ø 7.7 | 20 | 20 | 8.3 | 409 |
| 11 | Ø 8.2 | 20 | 10 | 8.5 | 210 |
| 12 | Ø 8.8 | 20 | 14 | 9.2 | 318 |
| 13 | Ø 9 | 20 | 20 | 9.6 | 474 |
| 14 | Ø 9.6 | 20 | 14 | 9.9 | 342 |
| 15 | Ø 9.9 | 20 | 24 | 10.2 | 604 |
| 16 | Ø 10.5 | 20 | 11 | 10.8 | 293 |
| 17 | Ø 10.8 | 20 | 24 | 10.9 | 645 |
| 18 | Ø 11.5 | 20 | 11 | 11.8 | 320 |
| 19 | Ø 12 | 20 | 188 | 12 | 5564 |
| 20 | Ø 11.7 | 20 | 242 | 12 | 7162 |
| Total Weight | | | | | 17804 |

Additional Rebars

| POS | SHAPE | D. | Number | L(m) | weight(kg) |
|--------------|--------|----|--------|------|------------|
| 1 | Ø 2.7 | 28 | 2 | 2.7 | 26 |
| 2 | Ø 2.9 | 28 | 10 | 2.9 | 140 |
| 3 | Ø 3.1 | 28 | 13 | 3.1 | 195 |
| 4 | Ø 3.2 | 28 | 3 | 3.1 | 45 |
| 5 | Ø 3.5 | 28 | 35 | 3.5 | 592 |
| 6 | Ø 3.1 | 28 | 1 | 3.5 | 17 |
| 7 | Ø 3.9 | 28 | 31 | 3.9 | 584 |
| 8 | Ø 3.5 | 28 | 3 | 3.9 | 57 |
| 9 | Ø 4.4 | 28 | 24 | 4.4 | 510 |
| 10 | Ø 4 | 28 | 3 | 4.4 | 64 |
| 11 | Ø 4.8 | 28 | 14 | 4.8 | 325 |
| 12 | Ø 4.4 | 28 | 2 | 4.8 | 46 |
| 13 | Ø 5.2 | 28 | 18 | 5.2 | 452 |
| 14 | Ø 5.8 | 28 | 8 | 5.8 | 224 |
| 15 | Ø 6.2 | 28 | 12 | 6.2 | 360 |
| 16 | Ø 7.3 | 28 | 3 | 7.3 | 106 |
| 17 | Ø 7.7 | 28 | 12 | 7.7 | 447 |
| 18 | Ø 8.2 | 28 | 23 | 8.2 | 912 |
| 19 | Ø 8.7 | 28 | 22 | 8.7 | 925 |
| 20 | Ø 9.2 | 28 | 35 | 9.2 | 1556 |
| 21 | Ø 9.6 | 28 | 5 | 9.6 | 232 |
| 22 | Ø 10 | 28 | 10 | 10 | 483 |
| 23 | Ø 10.8 | 28 | 6 | 10.8 | 313 |
| 24 | Ø 12 | 28 | 43 | 12 | 2494 |
| 25 | Ø 11.6 | 28 | 3 | 12 | 174 |
| Total Weight | | | | | 11280 |

Shear Rebars

| POS | SHAPE | D. | Number | L(m) | weight(kg) |
|--------------|-------|----|--------|------|------------|
| 1 | Ø 1 | 16 | 825 | 1.45 | 1888 |
| Total Weight | | | | | 1888 |

Summary Of Rebars Mass

| Type of Rebar | Top(kg) | Bottom(kg) | Total(kg) |
|-------------------|---------|------------|-----------|
| Typical Rebars | 8995 | 8809 | 17804 |
| Thermal Rebars | 0 | 0 | 0 |
| Additional Rebars | 2181 | 9099 | 11280 |
| Shear Rebars | - | - | 1888 |
| Total | 11176 | 17908 | 30972 |

Summary Of concrete volume(m³)

| | |
|-----------------------|-----|
| Total concrete volume | 460 |
|-----------------------|-----|

TOP

BOTTOM

ØMn ———
Mu ———

