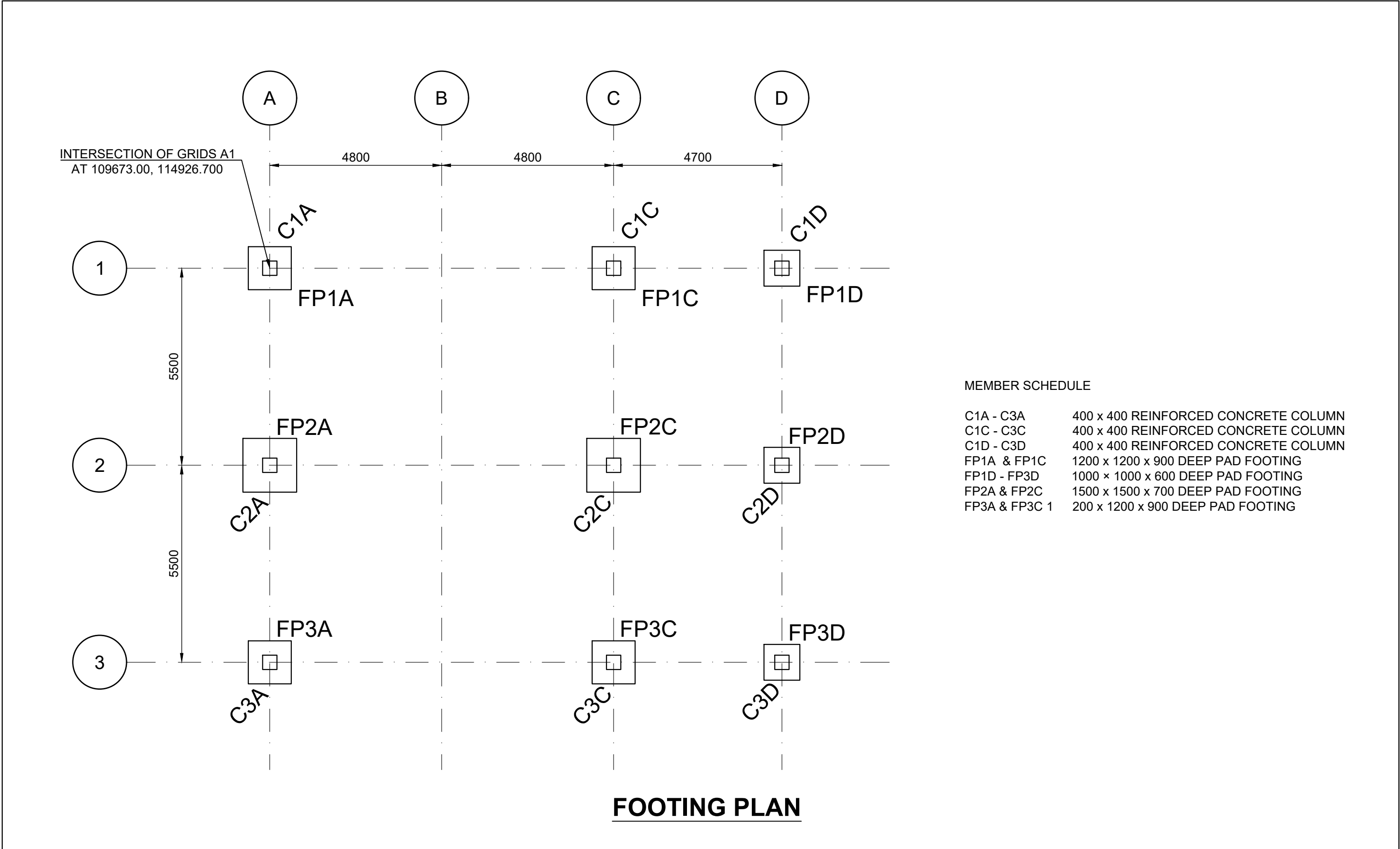
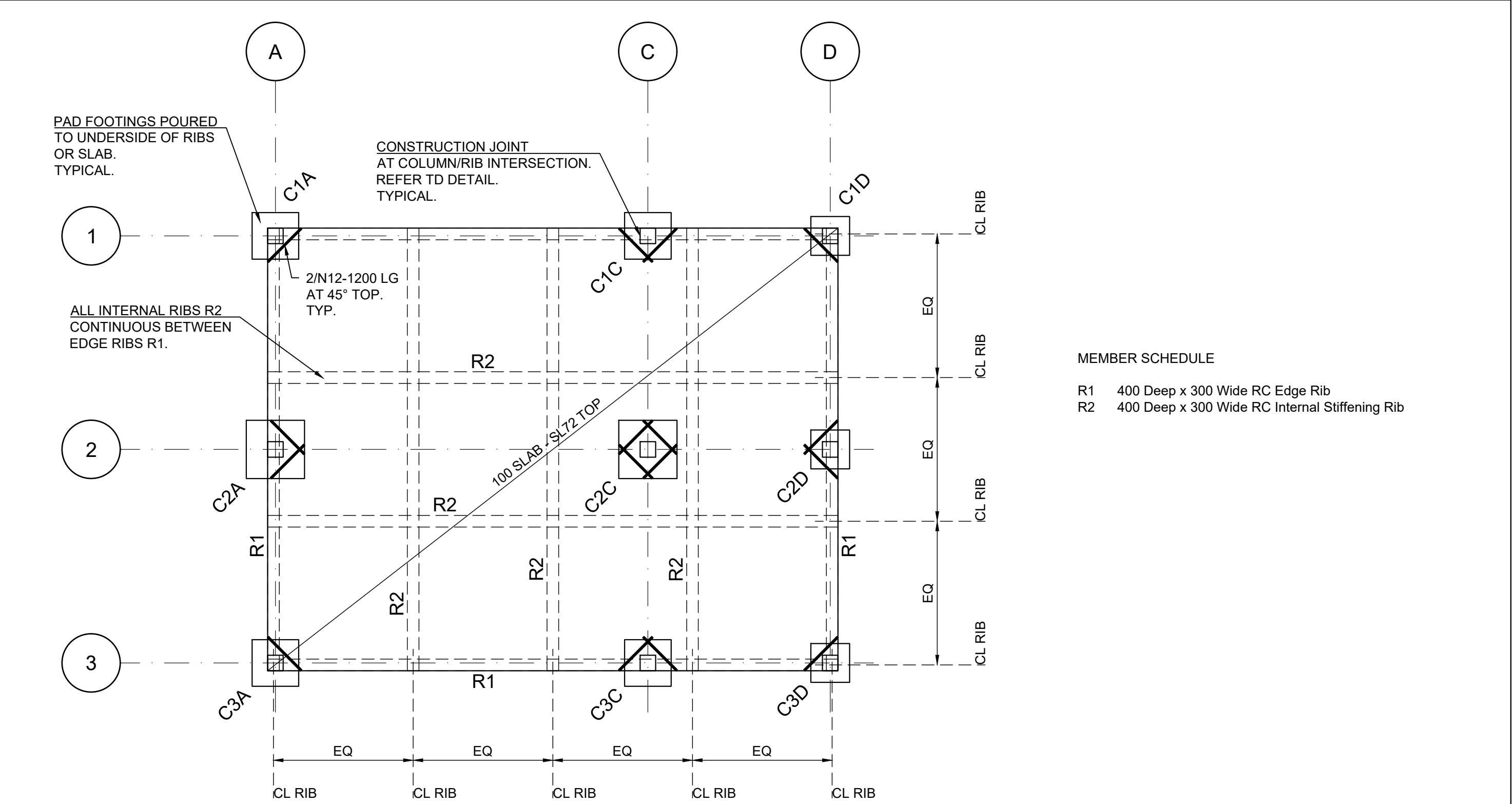




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|  | REV NO. | REVISIONS | DATE |  | RMIT ENGINEERING     |                |         |
|  |         |           |      |  | FOOTING PLAN         |                |         |
|  |         |           |      |  | DRAWN: CLARK CARPIO  | SHEET NO.      | DWG NO. |
|  |         |           |      |  | CHECKED: NAMAN AHUJA | 1              | 1       |
|  |         |           |      |  | SCALE: 1:100         | DATE:2/03/2026 |         |
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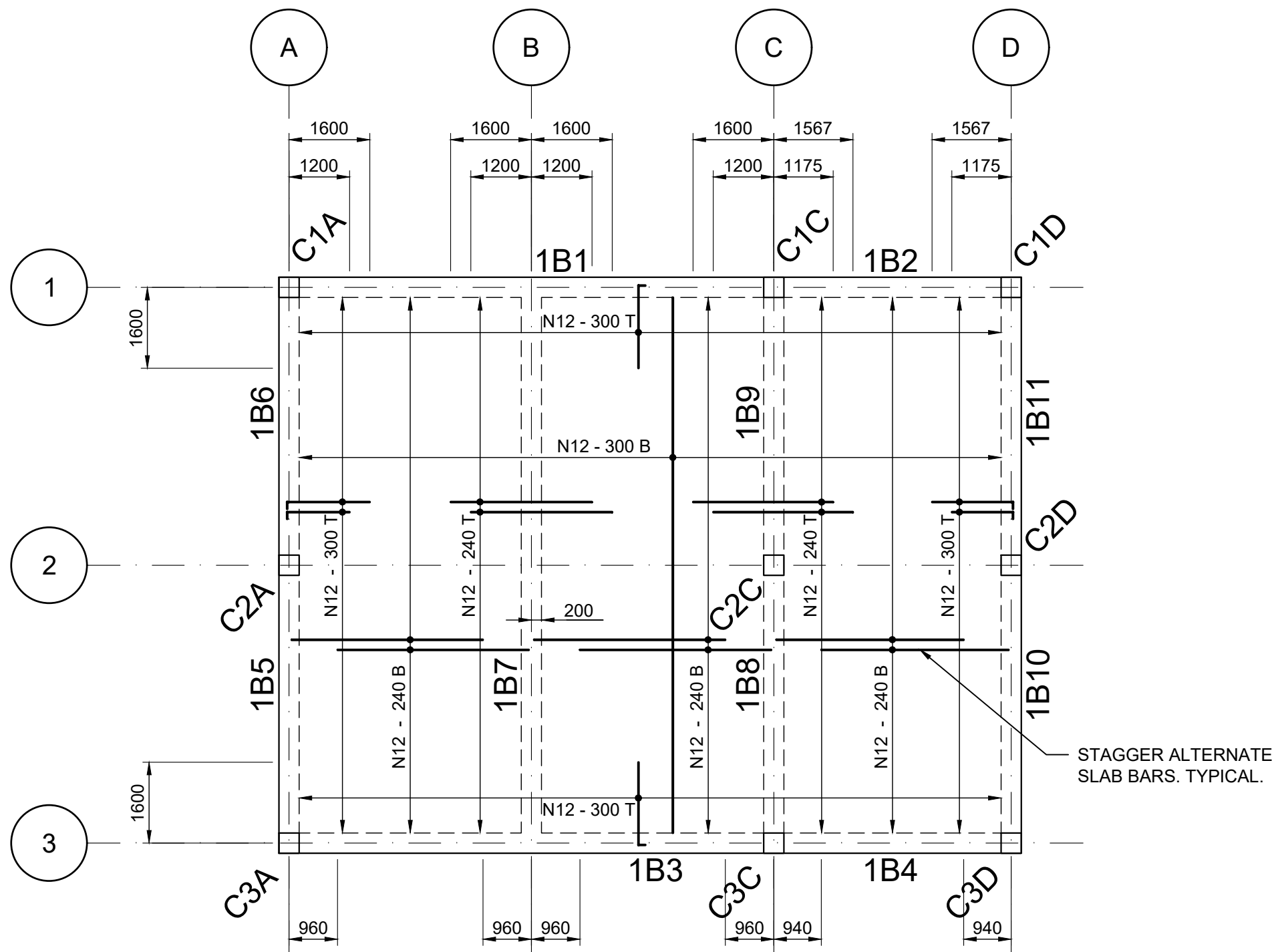


**GROUND FLOOR PLAN**

**MEMBER SCHEDULE**

- R1 400 Deep x 300 Wide RC Edge Rib  
R2 400 Deep x 300 Wide RC Internal Stiffening Rib

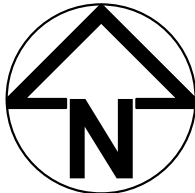
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|  |         |           |      |  | GROUND FLOOR PLAN    |  |           |
|  |         |           |      |  | DRAWN: CLARK CARPIO  |  | SHEET NO. |
|  |         |           |      |  | CHECKED: NAMAN AHUJA |  | 2         |
|  |         |           |      |  | SCALE: 1:100         |  | DWG NO.   |
|  |         |           |      |  | DATE: 2/03/2026      |  | 1         |
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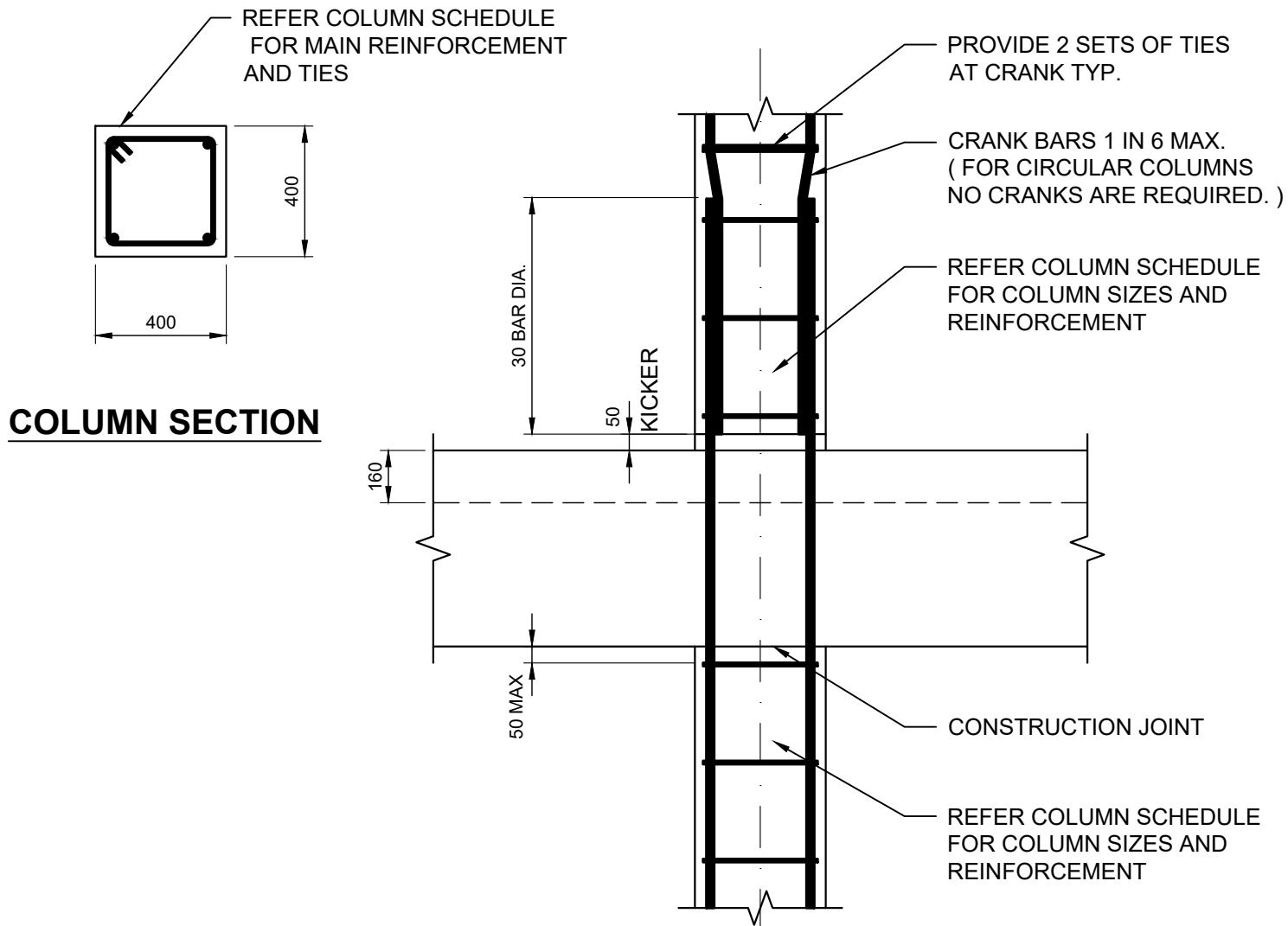
| MEMBER SCHEDULE |                             |
|-----------------|-----------------------------|
| 1B1             | 600 DEEP X 400 WIDE RC BEAM |
| 1B2             | 400 DEEP X 400 WIDE RC BEAM |
| 1B3             | 600 DEEP X 400 WIDE RC BEAM |
| 1B4             | 400 DEEP X 400 WIDE RC BEAM |
| 1B5             | 600 DEEP X 400 WIDE RC BEAM |
| 1B6             | 600 DEEP X 400 WIDE RC BEAM |
| 1B7             | 600 DEEP X 400 WIDE RC BEAM |
| 1B8             | 600 DEEP X 400 WIDE RC BEAM |
| 1B9             | 600 DEEP X 400 WIDE RC BEAM |
| 1B10            | 600 DEEP X 400 WIDE RC BEAM |
| 1B11            | 600 DEEP X 400 WIDE RC BEAM |

FIRST FLOOR PLAN  
SLAB 160mm THICK THROUGHOUT

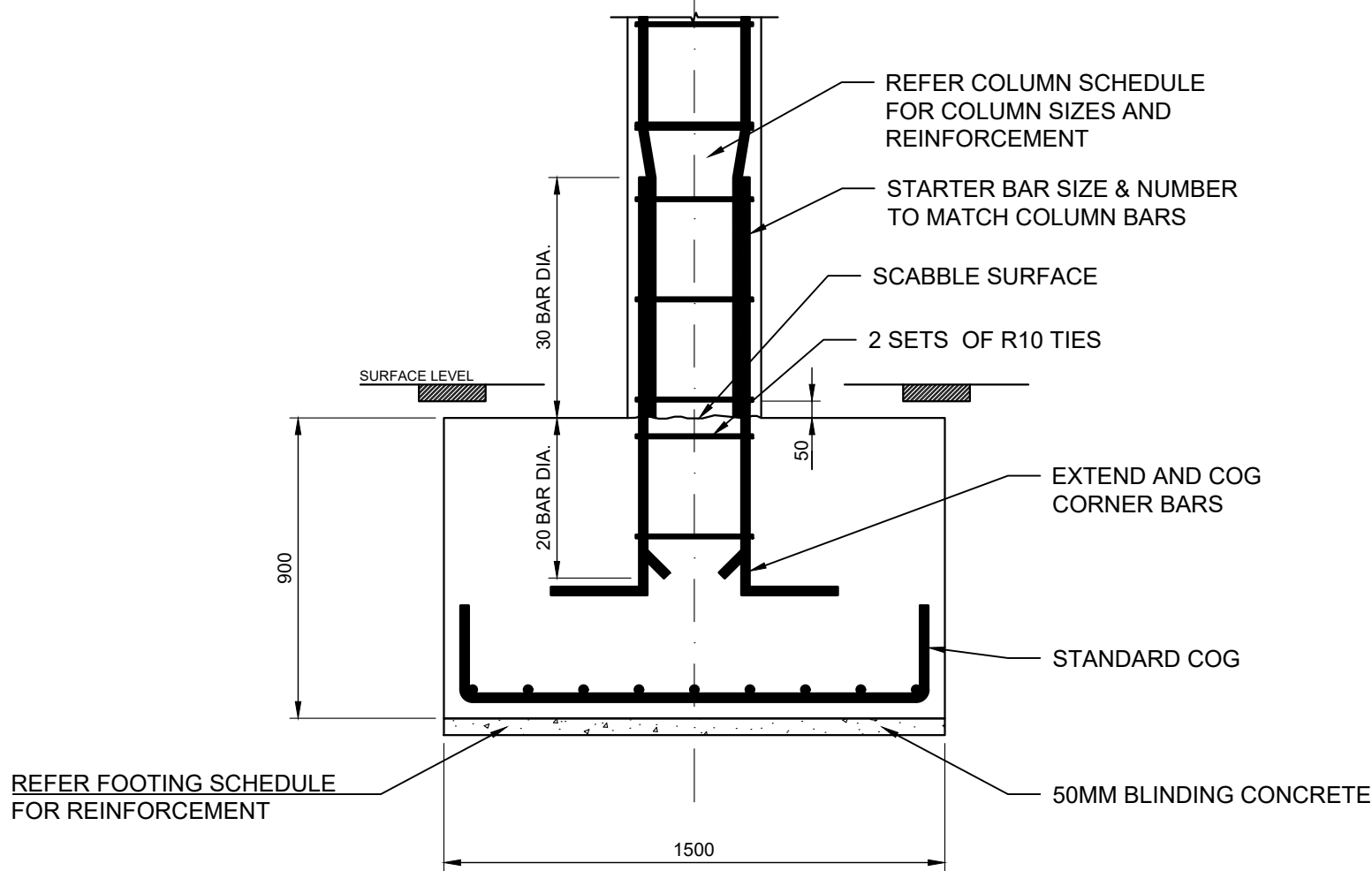
| REV NO. | REVISIONS | DATE |
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| RMIT ENGINEERING               |                |              |
|--------------------------------|----------------|--------------|
| FIRST FLOOR PLAN               |                |              |
| DRAWN: CLARK CARPIO            | SHEET NO.<br>3 | DWG NO.<br>1 |
| CHECKED: NAMAN AHUJA           |                |              |
| SCALE: 1:100    DATE:2/03/2026 |                |              |



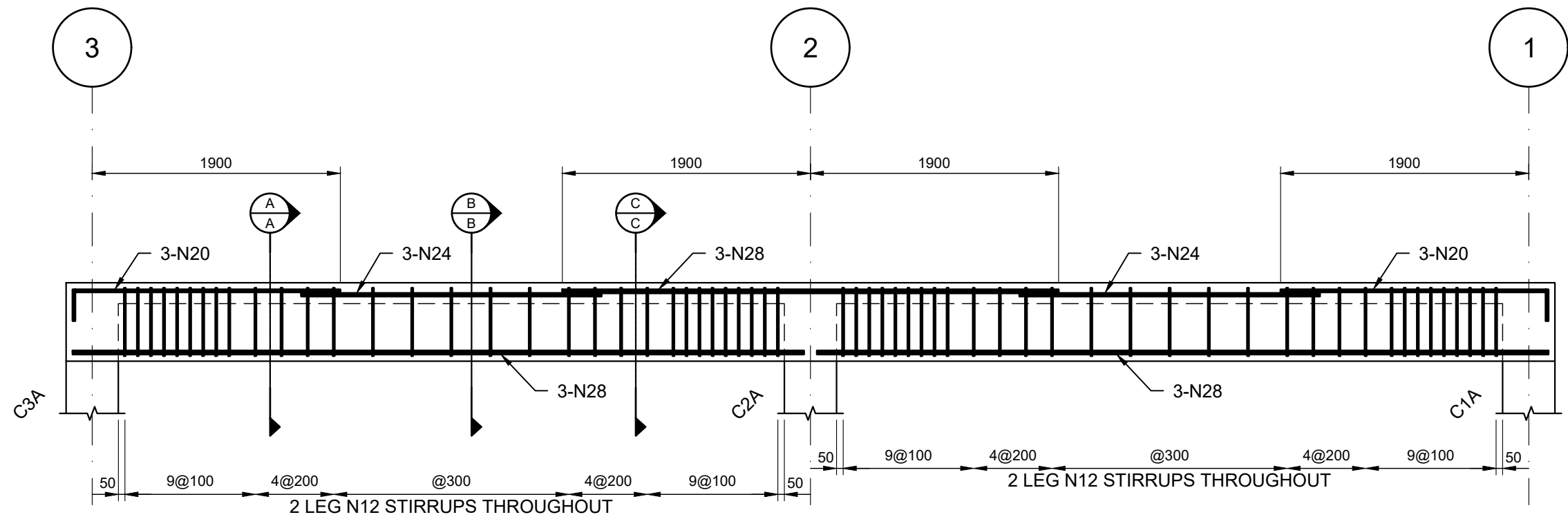
## COLUMN DETAIL AT BEAM OR SLAB



## TYPICAL DETAIL PAD FOOTING

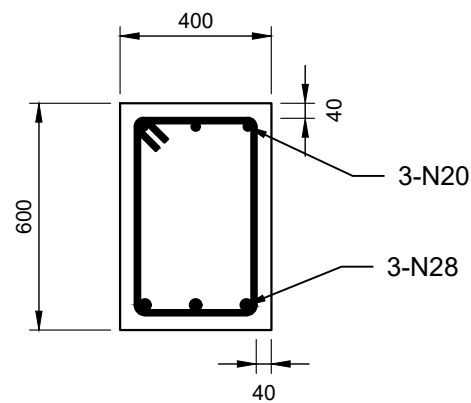
- NOTES:
1. REFER TO COLUMN AND FOOTING SCHEDULE FOR REINFORCEMENT AND DIMENSIONS.
  2. REFER TO COLUMN OR FOOTING SCHEDULE FOR FOOTING FOUNDING LEVELS.
  3. OVERBREAK BELOW FOOTING FOUNDING LEVEL TO BE FILLED WITH GRADE 15 CONCRETE.
  4. OVERBREAK AROUND FOOTINGS TO BE FILLED WITH SAME GRADE CONCRETE AS FOOTINGS.
  5. DETAILS ABOVE APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
  6. REFER ALSO TO GENERAL NOTES.

| REV. NO. | REVISIONS | DATE | RMIT ENGINEERING     |                 |         |  |
|----------|-----------|------|----------------------|-----------------|---------|--|
|          |           |      | COLUMN DETAIL        |                 |         |  |
|          |           |      | DRAWN: CLARK CARPIO  | SHEET NO.       | DWG NO. |  |
|          |           |      | CHECKED: NAMAN AHUJA | 4               | 1       |  |
|          |           |      | SCALE: 1:20          | DATE: 3/12/2026 |         |  |

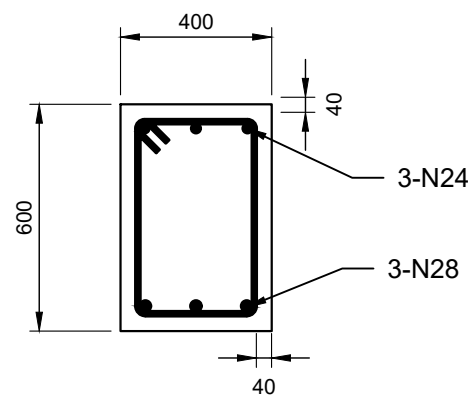


**IB5**  
600 x 400

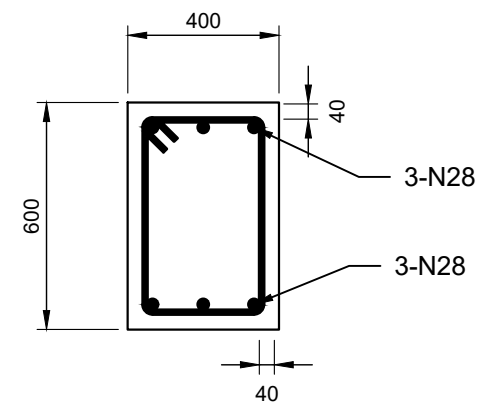
**IB6**  
600 x 400



**SECTION A-A**  
SCALE 1:20



**SECTION B-B**  
SCALE 1:20



**SECTION C-C**  
SCALE 1:20

| REV NO. | REVISIONS | DATE |
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| RMIT ENGINEERING                 |                |              |
|----------------------------------|----------------|--------------|
| FIRST FLOOR IB5-IB6 BEAM DETAILS |                |              |
| DRAWN: CLARK CARPIO              | SHEET NO.<br>5 | DWG NO.<br>1 |
| CHECKED: NAMAN AHUJA             |                |              |
| SCALE: 1:40    DATE: 3/12/2026   |                |              |

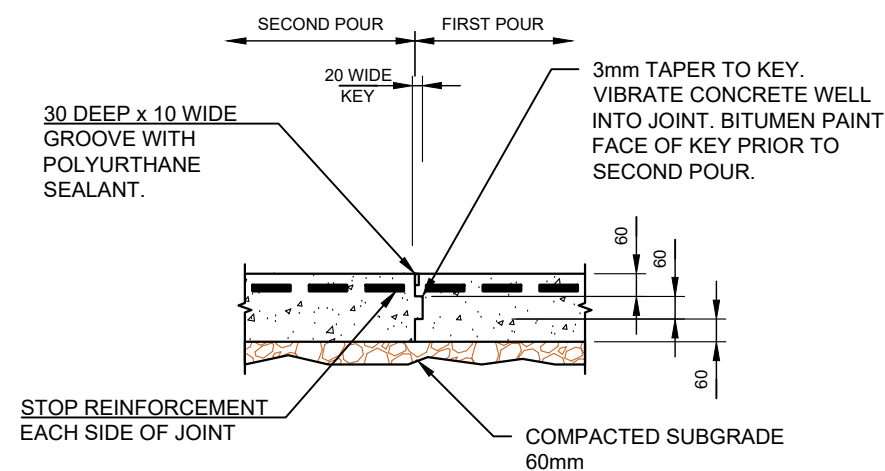
## PAD FOOTING SCHEDULE

| Footing Number | Footing Plan Size | Footing Depth | Reinforcement    |
|----------------|-------------------|---------------|------------------|
| FP1A           | 1200 x 1200       | 900           | 9 - N20 Each Way |
| FP1C           | 1200 x 1200       | 900           | 9 - N20 Each Way |
| FP1D           | 1000 x 1000       | 900           | 8 - N20 Each Way |
| FP2A           | 1500 x 1500       | 900           | 9 - N24 Each Way |
| FP2C           | 1500 x 1500       | 900           | 9 - N24 Each Way |
| FP2D           | 1000 x 1000       | 900           | 8 - N20 Each Way |
| FP3A           | 1200 x 1200       | 900           | 9 - N20 Each Way |
| FP3C           | 1200 x 1200       | 900           | 9 - N20 Each Way |
| FP3D           | 1000 x 1000       | 900           | 8 - N20 Each Way |

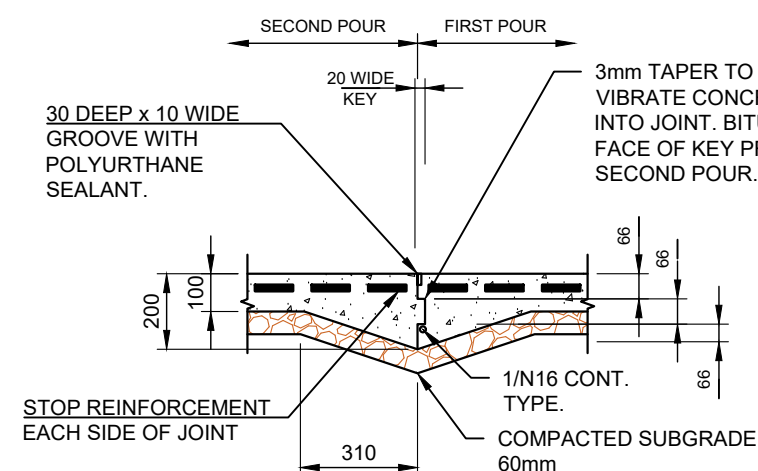
## COLUMN SCHEDULE

| Column Number | Column Size | Reinforcement | Ties      |
|---------------|-------------|---------------|-----------|
| C1A           | 400 x 400   | 4 - N24       | R10 - 300 |
| C1C           | 400 x 400   | 4 - N24       | R10 - 300 |
| C1D           | 400 x 400   | 4 - N24       | R10 - 300 |
| C2A           | 400 x 400   | 4 - N24       | R10 - 300 |
| C2C           | 400 x 400   | 4 - N24       | R10 - 300 |
| C2D           | 400 x 400   | 4 - N24       | R10 - 300 |
| C3A           | 400 x 400   | 4 - N24       | R10 - 300 |
| C3C           | 400 x 400   | 4 - N24       | R10 - 300 |
| C3D           | 400 x 400   | 4 - N24       | R10 - 300 |

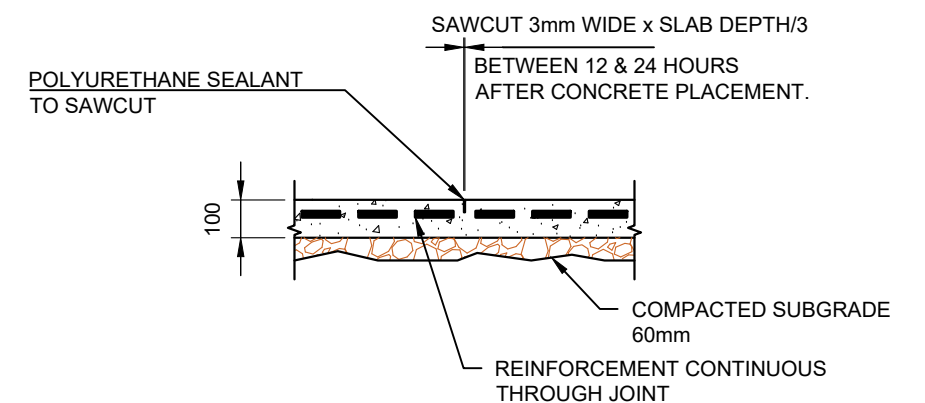
|          |           |      |  |                                          |  |                 |
|----------|-----------|------|--|------------------------------------------|--|-----------------|
| REV. NO. | REVISIONS | DATE |  | <b>RMIT ENGINEERING</b>                  |  |                 |
|          |           |      |  | <b>PAD FOOTING &amp; COLUMN SCHEDULE</b> |  |                 |
|          |           |      |  |                                          |  |                 |
|          |           |      |  |                                          |  |                 |
|          |           |      |  |                                          |  |                 |
|          |           |      |  | DRAWN: CLARK CARPIO                      |  |                 |
|          |           |      |  | CHECKED: NAMAN AHUJA                     |  |                 |
|          |           |      |  | SCALE: 1:1                               |  | DATE: 3/12/2026 |
|          |           |      |  | SHEET NO.<br>6                           |  |                 |
|          |           |      |  | DWG NO.<br>1                             |  |                 |



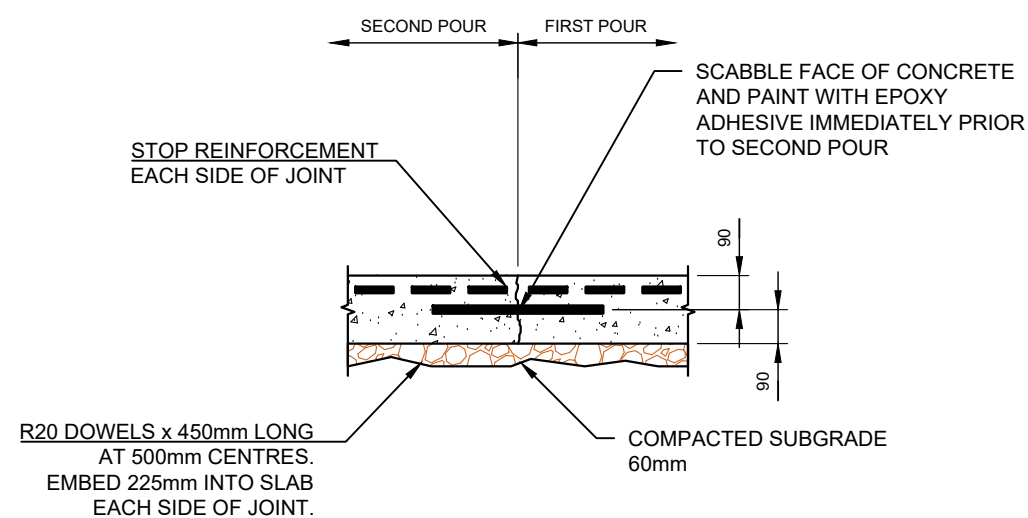
**KEYED CONTRACTION JOINT KJ1**



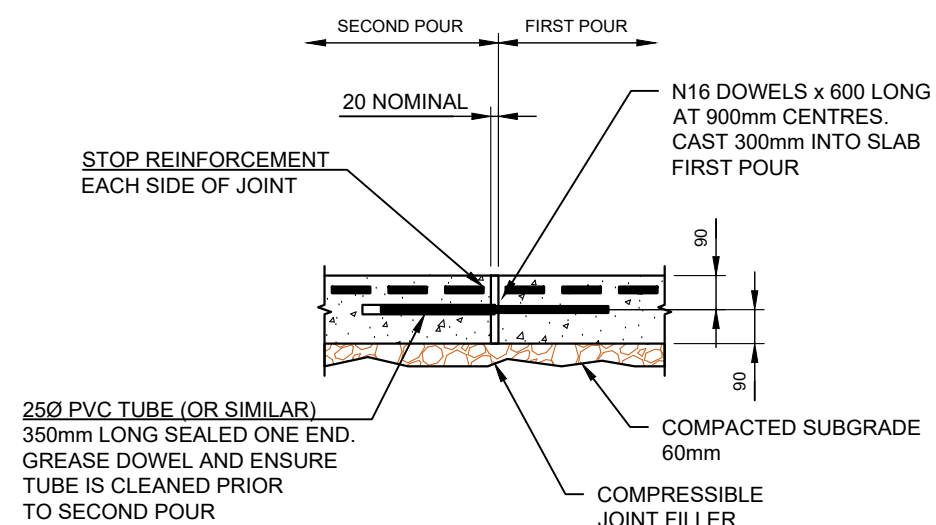
**KEYED CONTRACTION JOINT KJ2**



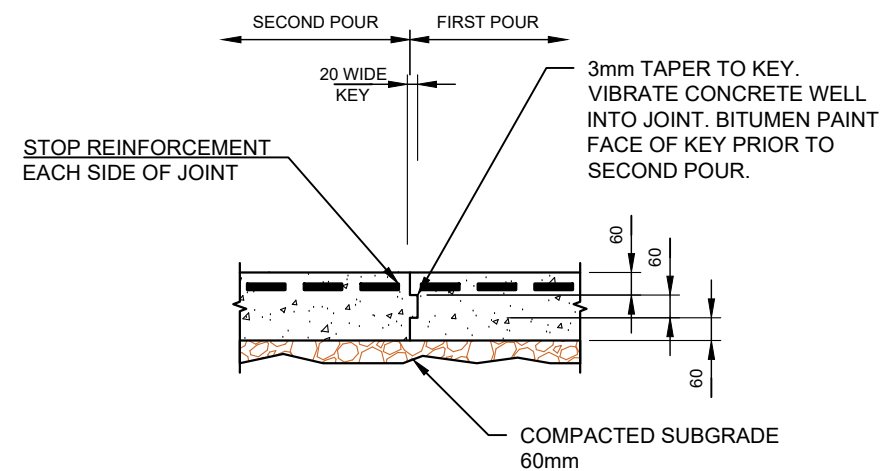
**SAWCUT CONTROL JOINT SJ**



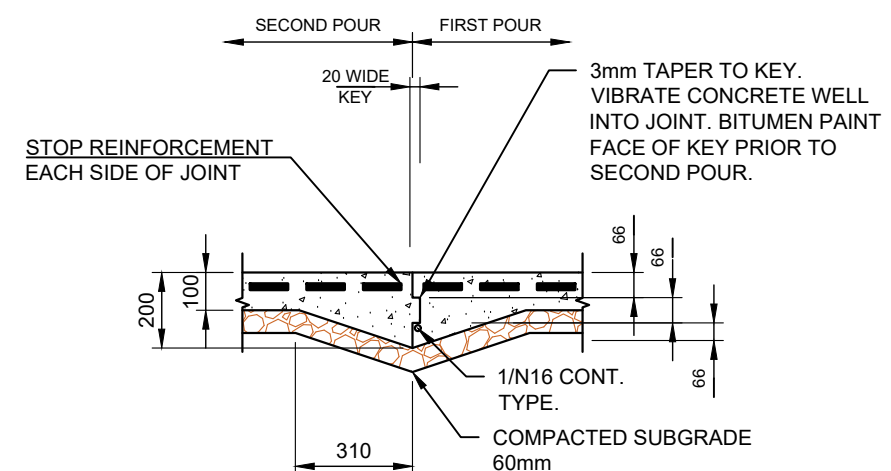
**DOWELLED CONSTRUCTION JOINT DCJ**



**DOWELLED EXPANSION JOINT DEJ**



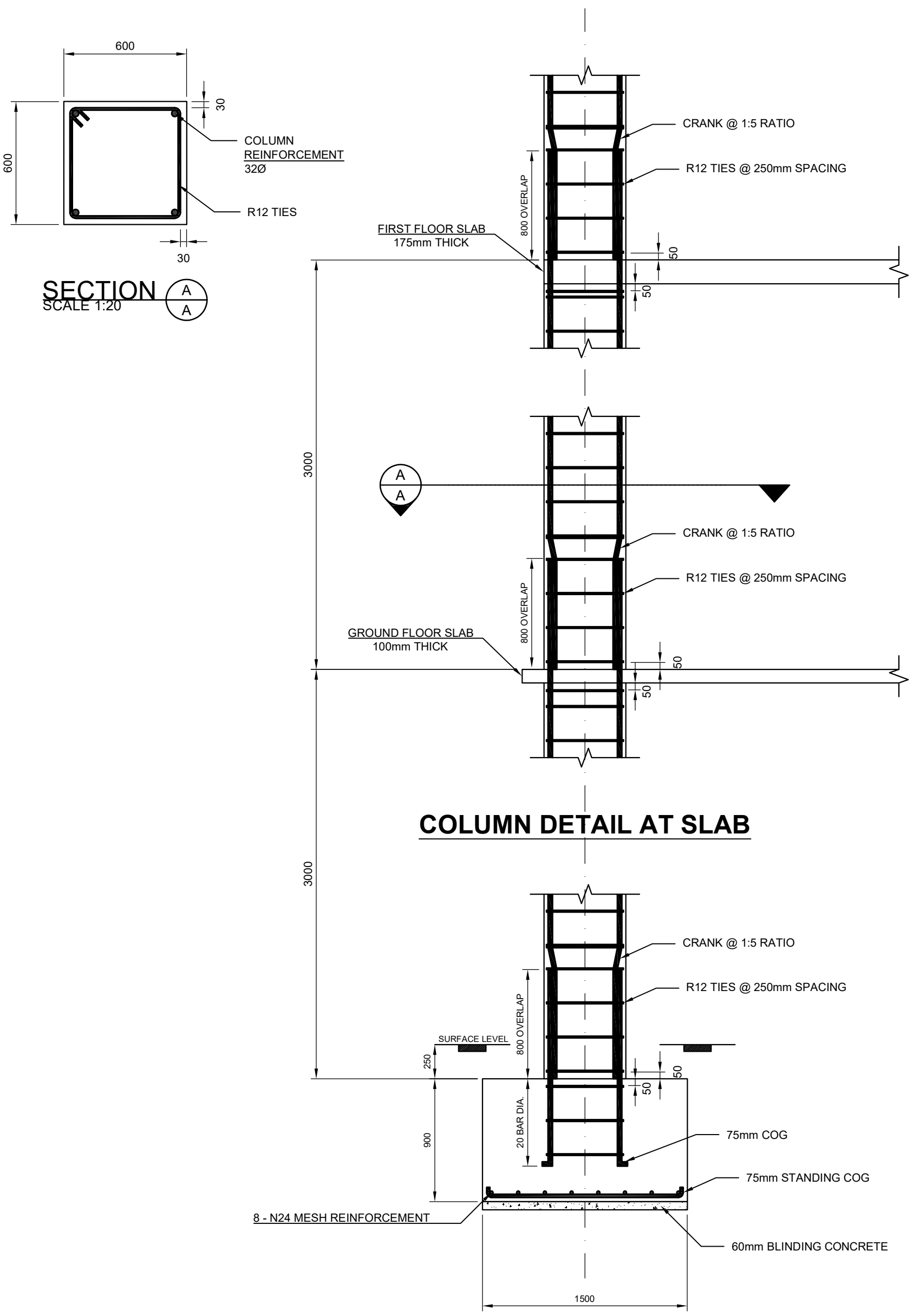
**KEYED CONSTRUCTION JOINT KCJ1**



**KEYED CONSTRUCTION JOINT KJ2**

| REV NO. | REVISIONS | DATE |
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| RMIT ENGINEERING                |                |              |
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| JOINTS IN CONCRETE CONSTRUCTION |                |              |
| DRAWN: CLARK CARPIO             | SHEET NO.<br>7 | DWG NO.<br>1 |
| CHECKED: NAMAN AHUJA            |                |              |
| SCALE: 1:20 DATE: 3/12/2026     |                |              |



COLUMN DETAIL AT SLAB

TYPICAL DETAIL PAD FOOTING

| REV. NO. | REVISIONS | DATE | RMIT ENGINEERING            |                 |         |
|----------|-----------|------|-----------------------------|-----------------|---------|
|          |           |      | COLUMN & FOOTING PAD DETAIL |                 |         |
|          |           |      | DRAWN: CLARK CARPIO         | SHEET NO.       | DWG NO. |
|          |           |      | CHECKED: MUHAMMAD KHAN      | 1               | 1       |
|          |           |      | SCALE: 1:30                 | DATE: 3/12/2026 |         |