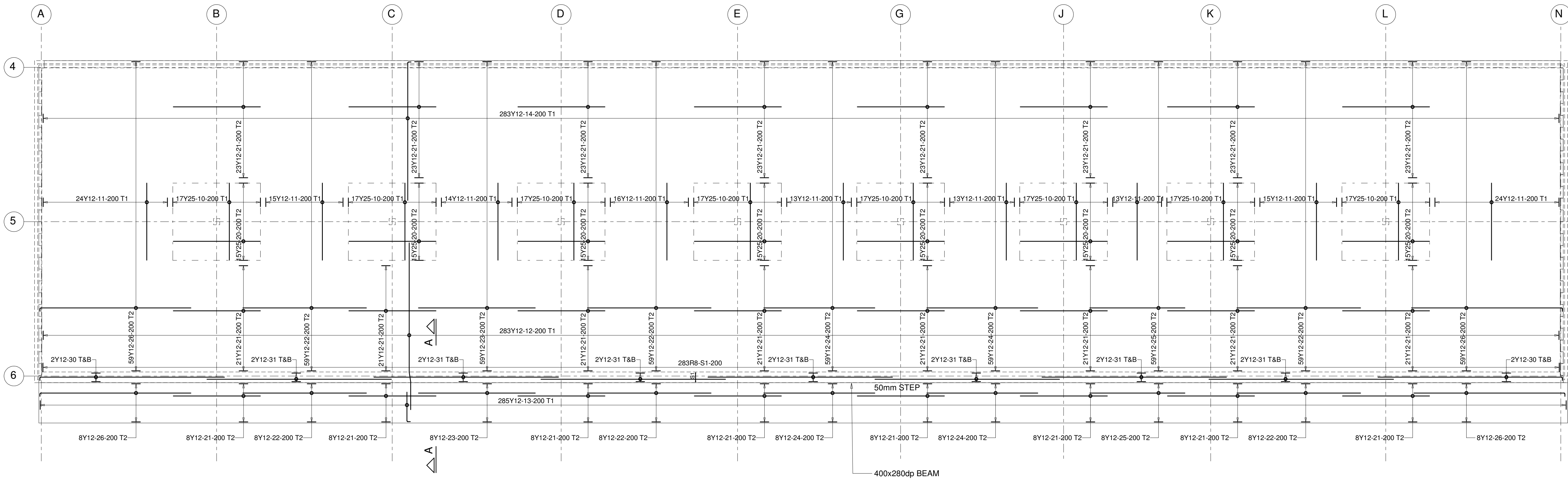
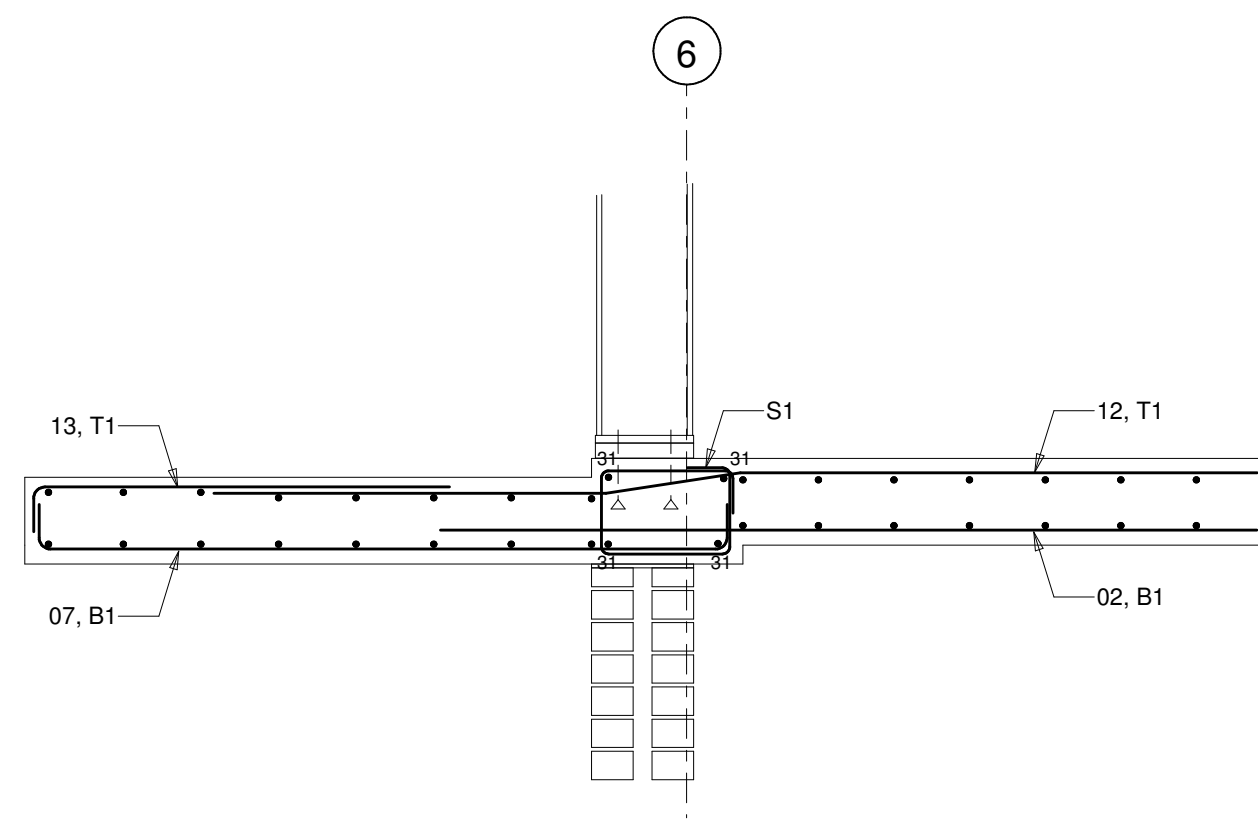


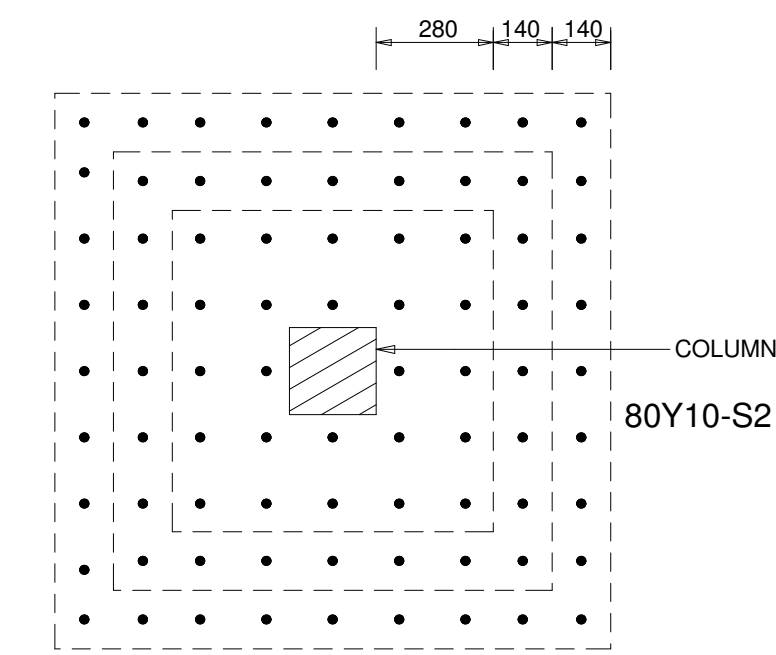
BOTTOM REINFORCEMENT
PLAN
N.T.S



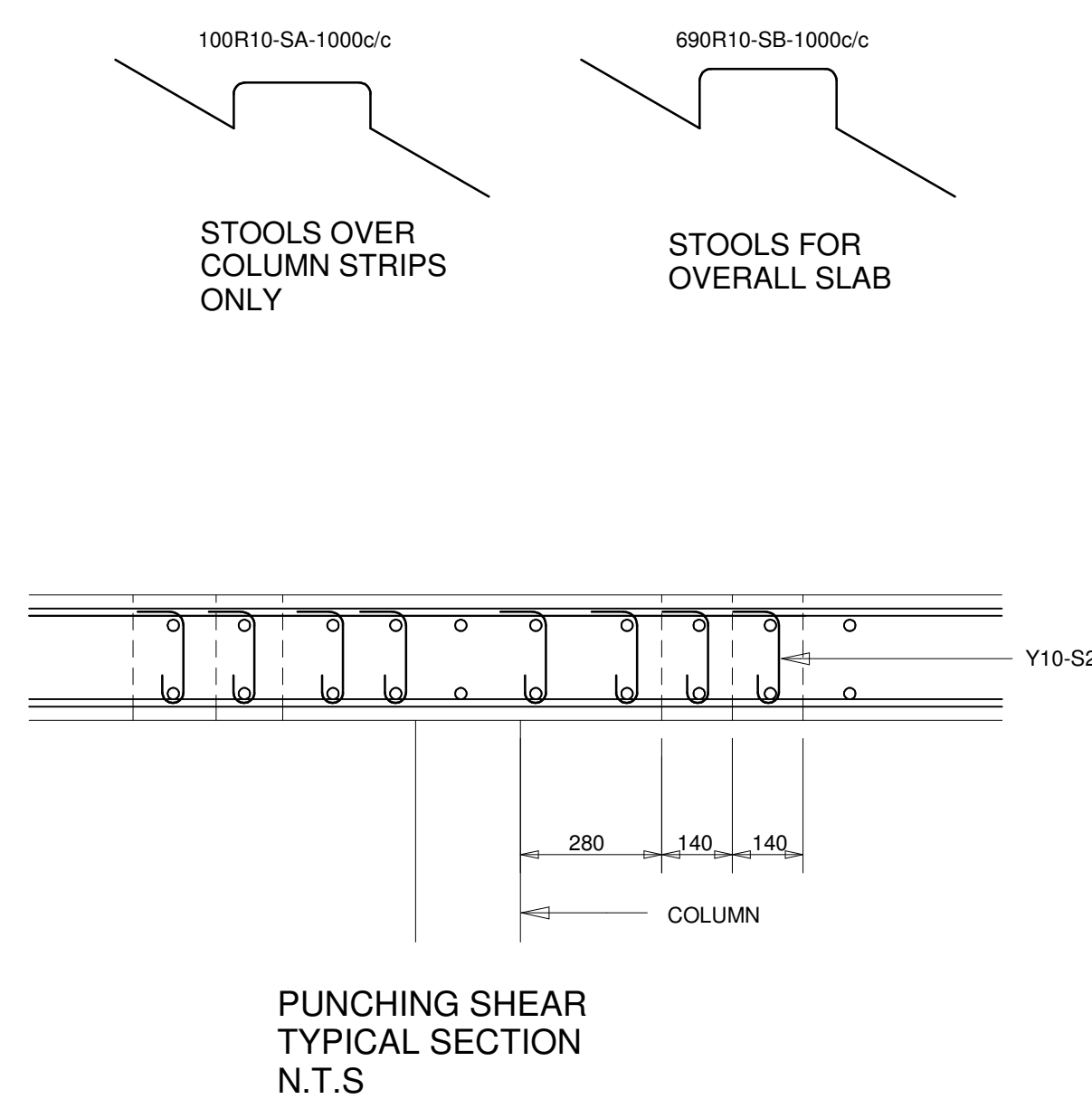
TOP REINFORCEMENT
PLAN
N.T.S



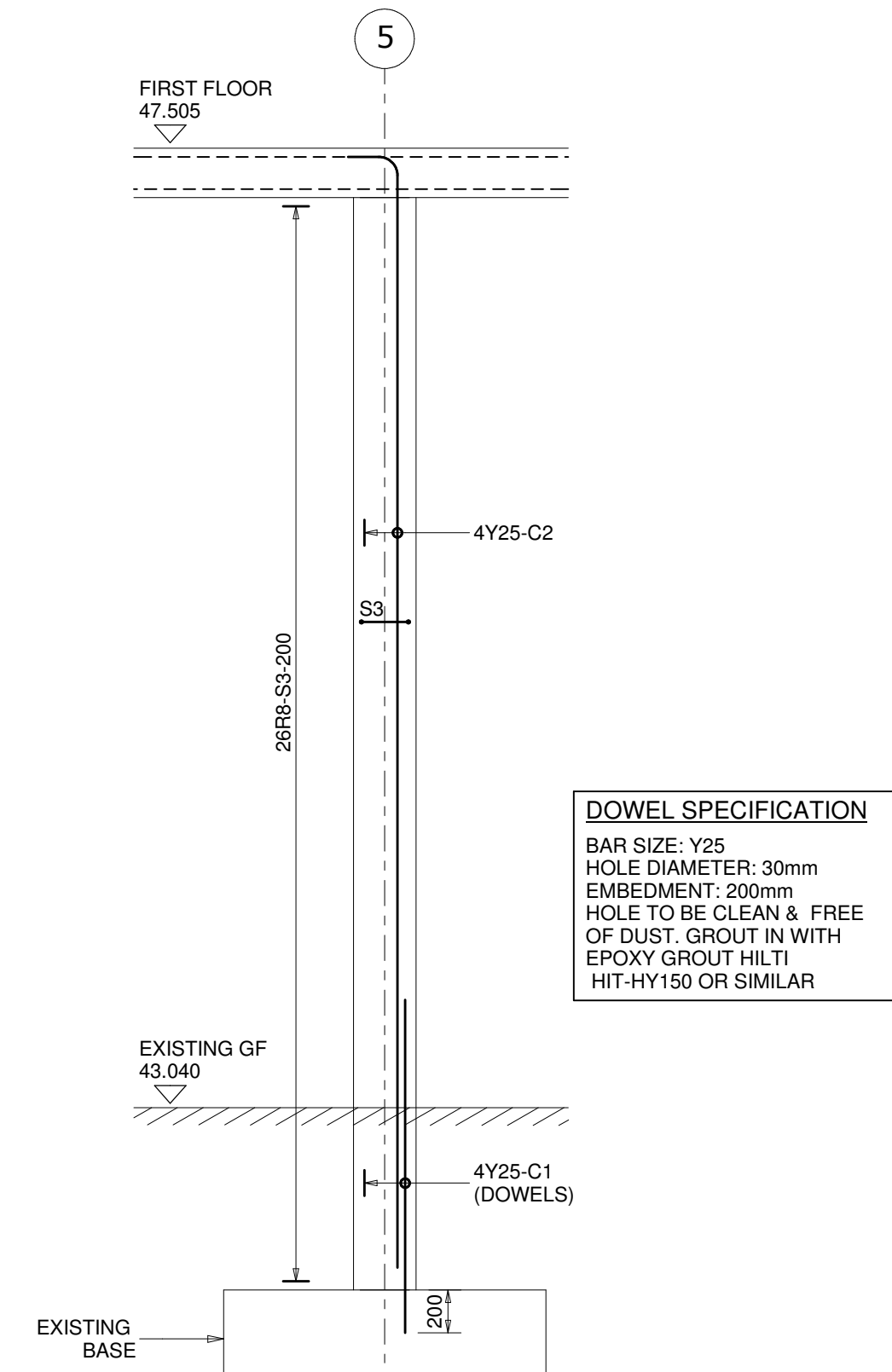
SECTION A-A
N.T.S



PUNCHING SHEAR
(INTERMEDIATE/ ISOLATED COLUMNS, 8 No OF)
N.T.S



PUNCHING SHEAR
TYPICAL SECTION
N.T.S



230x230 RC COLUMN
ELEVATION (8 No. OF)
N.T.S

| MEMBER | No OF | BARS PER MEMB | DIA | LENGTH | TOTAL NUM. BER | MARK | S C | BENDING | | | | |
|-----------------|-------|---------------|------|--------|----------------|------|--------|---------|-----|-----|-------|-----|
| | | | | | | | | A | B | C | D | E/r |
| Bottom | 1 | 566 | Y18 | 6500 | 566 | 01 | 34 | 6390 | | | | |
| | 283 | Y18 | 1900 | 283 | 06 | 35 | 1530 | | | | | |
| | 134 | Y18 | 7150 | 134 | 03 | 34 | 7020 | | | | | |
| | 288 | Y18 | 7400 | 288 | 04 | 35 | 7420 | | | | | |
| | 134 | Y18 | 6950 | 134 | 05 | 35 | 6970 | | | | | |
| T1 | 67 | Y18 | 6350 | 67 | 06 | 20 | 6380 | | | | | |
| | 136 | Y25 | 2850 | 136 | 10 | 20 | 2870 | | | | | |
| | 147 | Y12 | 2850 | 147 | 11 | 20 | 2870 | | | | | |
| | 283 | Y12 | 6200 | 283 | 12 | 41 | 1037 | | | | | |
| | 285 | Y12 | 1200 | 285 | 13 | 34 | 1100 | | | | | |
| T2 | 283 | Y12 | 5250 | 283 | 14 | 34 | 5190 | | | | | |
| | 1 | 120 | Y25 | 3250 | 120 | 20 | 3240 | | | | | |
| | 416 | Y12 | 3250 | 416 | 21 | 20 | 3240 | | | | | |
| | 201 | Y12 | 4600 | 201 | 22 | 20 | 4600 | | | | | |
| | 67 | Y12 | 4350 | 67 | 23 | 20 | 4350 | | | | | |
| 400x280 Beam | 134 | Y12 | 4100 | 134 | 24 | 20 | 4130 | | | | | |
| | 67 | Y12 | 3550 | 67 | 25 | 20 | 3540 | | | | | |
| | 134 | Y12 | 5750 | 134 | 26 | 34 | 5620 | | | | | |
| | 8 | Y12 | 7000 | 8 | 30 | 34 | 6870 | | | | | |
| | 56 | Y12 | 6850 | 56 | 31 | 20 | 6870 | | | | | |
| Stools | 283 | R8 | 1300 | 283 | S1 | 60 | 220 | | | | | |
| | 1 | 100 | R10 | 1050 | 100 | SA | 83 | 300 | 100 | 300 | (300) | |
| | 690 | R10 | 1100 | 690 | SB | 83 | 300 | 130 | 300 | 300 | (300) | |
| | 8 | 80 | Y10 | 300 | 640 | S2 | 85 | 100 | 170 | 30 | (60) | |
| | 4 | Y25 | 1550 | 32 | C1 | 20 | (1550) | | | | | |
| Punching Shear | 4 | Y25 | 5350 | 32 | C2 | 34 | 5170 | | | | | |
| | 26 | R8 | 650 | 206 | S3 | 60 | 170 | | | | | |
| 230x230 Columns | 8 | 4 | Y25 | 1550 | 32 | C1 | 20 | (1550) | | | | |
| | 4 | Y25 | 5350 | 32 | C2 | 34 | 5170 | | | | | |
| | 26 | R8 | 650 | 206 | S3 | 60 | 170 | | | | | |

ABBREVIATIONS:

T - TOP
B - BOTTOM
FF - FAR FACE
NF - NEAR FACE
EF - EACH FACE

NOTES:

- COVER:30mm
- MINIMUM LAP: 50 x DIAMETER
- ENGINEER TO INSPECT REINFORCEMENT PRIOR TO CASTING.

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Drawing Revisions:

| Revision | Date | Drawn By | Description |
|----------|------------|----------|--------------------|
| A | 03.10.2022 | AJ | ISSUED FOR COSTING |

Client:



Client Approval:

Discipline:

STRUCTURAL
ZNM Consulting Engineers

Project Title:

EL IDZ DATA CENTRE FACILITY
(MEET - ME - ROOM)

Drawing Name:

Working Drawings
First Floor Slab & Columns
Reinforcement Details

Issue Date:

03.10.2022

Technician:

AJ

Checked By:

MM

Drawing Scale:

As Shown

Drawing Number:
DC-CI-WD-3100

Revision:
A

ISSUED FOR: **COSTING**