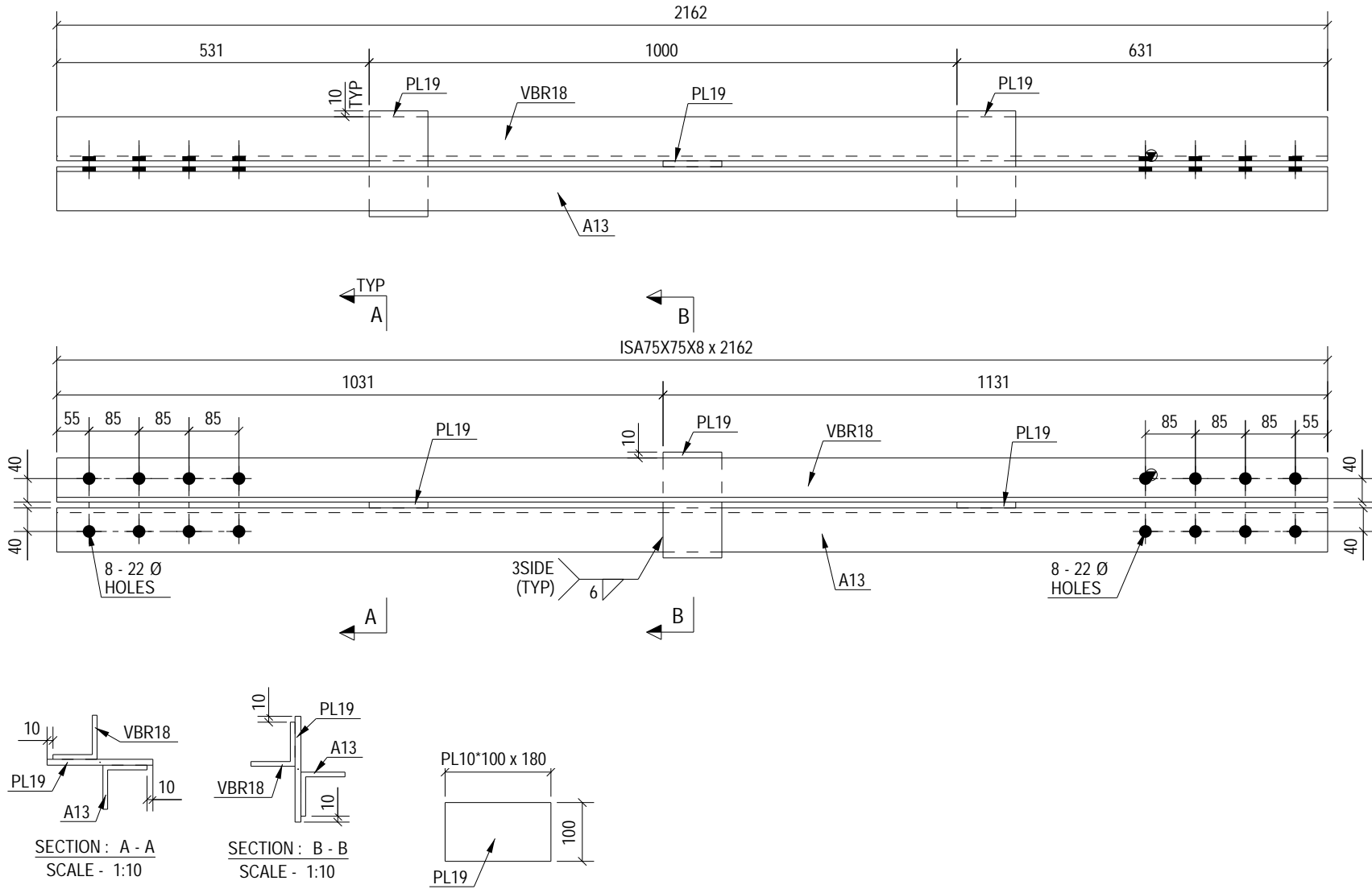





| MARK NO. | GRID LOCATION | |
|----------|---------------|---------|
| VBR18 | C/4A-5A | +11.190 |

| BOLT LIST FOR ASSEMBLY MKD' VBR18 | | | | |
|-----------------------------------|--------|------------|-----|--|
| Dia. | Grade | Length(mm) | No. | |
| M20 | 8.8XOX | 45 | 16 | |

| BILL OF MATERIALS | | | | | | | | |
|-------------------|----------------|--------------|-----------------------|-------------|----------|--------------|----------------|----------|
| | | | ASSEMBLY MK'D : VBR18 | | | ASSY QTY : 1 | | |
| Item Mark | Qty./ Assembly | Profile Size | Wt./Meter | Length (mm) | Wt./Item | Total Qty. | Total Wt. (Kg) | Material |
| VBR18 | 1 | ISA75X75X8 | 8.90 | 2162 | 19.35 | 1 | 19.35 | IS2062 |
| A13 | 1 | ISA75X75X8 | 8.90 | 2162 | 19.35 | 1 | 19.35 | IS2062 |
| PL19 | 3 | PL10*100 | 78.50 | 180 | 1.41 | 3 | 4.24 | IS2062 |
| | | | | | | Total | 42.94 | |



1 REQ'D AS DRAWN MARKED No. VBR18

| | | | | | |
|---|----------|---|--|------------------|------------|
| 1 | 0 | ISSUED FOR FABRICATION | AC | RP | 04.03.2025 |
| No | REV MARK | REVISION DESCRIPTION | DRAWN BY | CHKD BY | REV. DATE |
|  | | CLIENT:- NAVIN FLUORINE ADVANCED SCIENCES LIMITED DAHEJ | | | |
|  | | FABRICATOR :- VRISHAL ENGINEERING PVT LTD DAHEJ |  DETAILING CONSULTANTS:- T ENGINEERING CONSULTANTS PVT LTD VADODARA | | |
| PROJECT NAME | | ROTARY KILN SHED_PIPERACK | | | |
| DRAWING TITLE | | ASSEMBLY DRAWING OF VBR18 | SHEET No:- 1 OF 1 | | |
| DESIGN CONSULTANT | | TATA CONSULTING ENGINEERS LIMITED | JOB No:- - | | |
| APPROVED BY | | TATA CONSULTING ENGINEERS LIMITED | SCALE:- AS SHOWN | SHT SIZE:- A3 | |
| DRAWING No | | TCE-13282A-CV-2026-ST-30306-ASS-VBR18 | REV. No:- 0 | | |