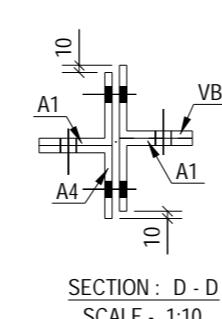
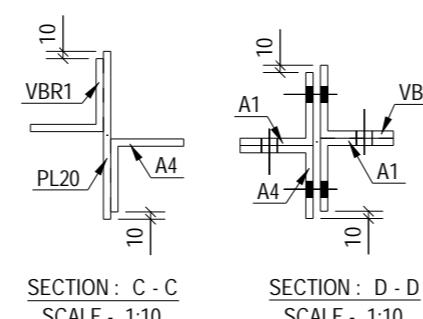
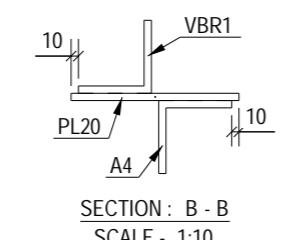
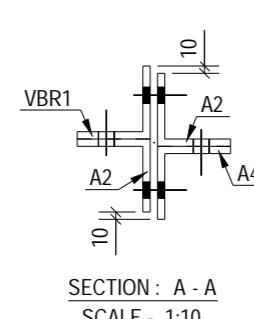
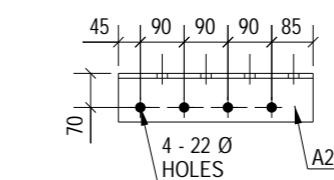
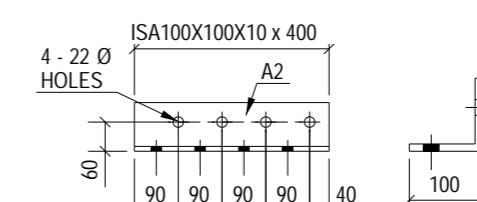
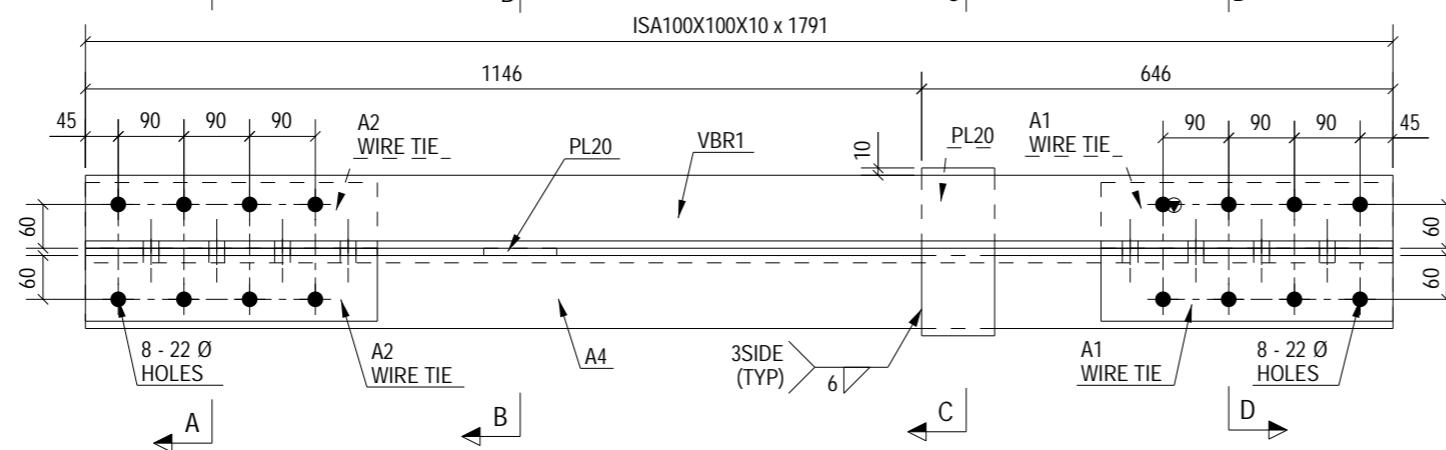
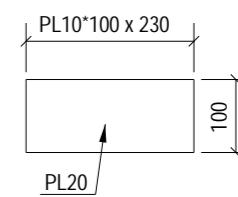
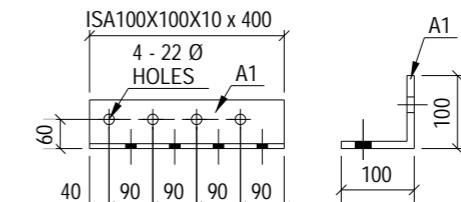
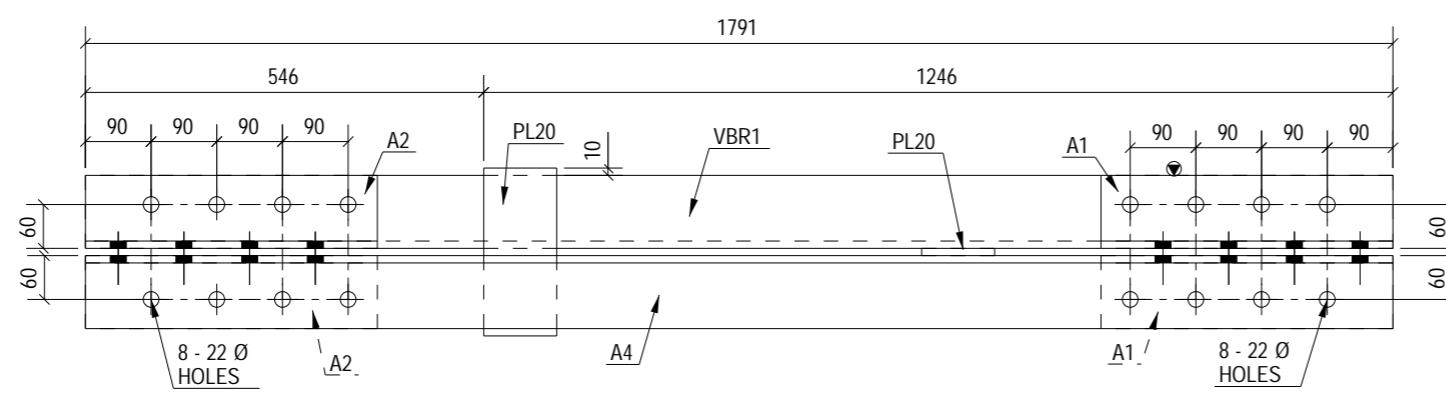


| MARK NO. | GRID LOCATION | |
|----------|---------------|--------|
| VBR1 | B-C/1 | +7.900 |
| VBR1 | B-C/1A | +7.900 |
| VBR1 | B-C/2 | +7.900 |
| VBR1 | B-C/3 | +7.900 |
| VBR1 | B-C/4 | +7.900 |
| VBR1 | B-C/4A | +7.900 |
| VBR1 | B-C/5 | +7.900 |
| VBR1 | B-C/5A | +7.900 |
| VBR1 | B-C/6 | +7.900 |
| VBR1 | B-C/6A | +7.900 |
| VBR1 | B-C/7 | +7.900 |
| VBR1 | B-C/8 | +7.900 |
| VBR1 | B-C/9 | +7.900 |
| VBR1 | B-C/10 | +7.900 |
| VBR1 | B-C/11 | +7.900 |

| BOLT LIST FOR ASSEMBLY MK'D' VBR1 | | | | |
|-----------------------------------|-------|------------|-----|--|
| Dia. | Grade | Length(mm) | No. | |
| M20 | 8.8OX | 50 | 240 | |
| M20 | 8.8OX | 60 | 240 | |

| BILL OF MATERIALS | | | | | | | |
|----------------------|----------------|---------------|-----------|---------------|----------|------------|----------------|
| ASSEMBLY MK'D : VBR1 | | | | ASSY QTY : 15 | | | |
| Item Mark | Qty./ Assembly | Profile Size | Wt./Meter | Length (mm) | Wt./Item | Total Qty. | Total Wt. (Kg) |
| VBR1 | 1 | ISA100X100X10 | 14.90 | 1791 | 26.72 | 15 | 400.80 |
| A1 | 2 | ISA100X100X10 | 14.90 | 400 | 5.97 | 30 | 178.98 |
| A2 | 2 | ISA100X100X10 | 14.90 | 400 | 5.97 | 30 | 178.98 |
| A4 | 1 | ISA100X100X10 | 14.90 | 1791 | 26.72 | 15 | 400.80 |
| PL20 | 2 | PL10*100 | 78.50 | 230 | 1.81 | 30 | 54.17 |
| | | | | | Total | 1213.72 | |



SECTION : A - A
SCALE - 1:10

SECTION : B - B
SCALE - 1:10

SECTION : C - C
SCALE - 1:10

SECTION : D - D
SCALE - 1:10

| No | REV MARK | ISSUED FOR FABRICATION | AC | RP | 04.03.2025 |
|----|----------|------------------------|----------|---------|------------|
| | | 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
ENGINEERING CONSULTANTS PVT LTD

| | | | |
|-------------------|--------------------------------------|--|-------------------|
| PROJECT NAME | ROTARY KILN SHED_PIPERACK | | |
| DRAWING TITLE | ASSEMBLY DRAWING OF VBR1 | | SHEET No:- 1 OF 1 |
| DESIGN CONSULTANT | TATA CONSULTING ENGINEERS LIMITED | | JOB No:- - |
| APPROVED BY | TATA CONSULTING ENGINEERS LIMITED | | SCALE:- AS SHOWN |
| DRAWING No | TCE-13282A-CV-2026-ST-30306-ASS-VBR1 | | REV. No:- 0 |
| | | | SHT SIZE:- A3 |

15 REQ'D AS DRAWN MARKED No. Nos. VBR1