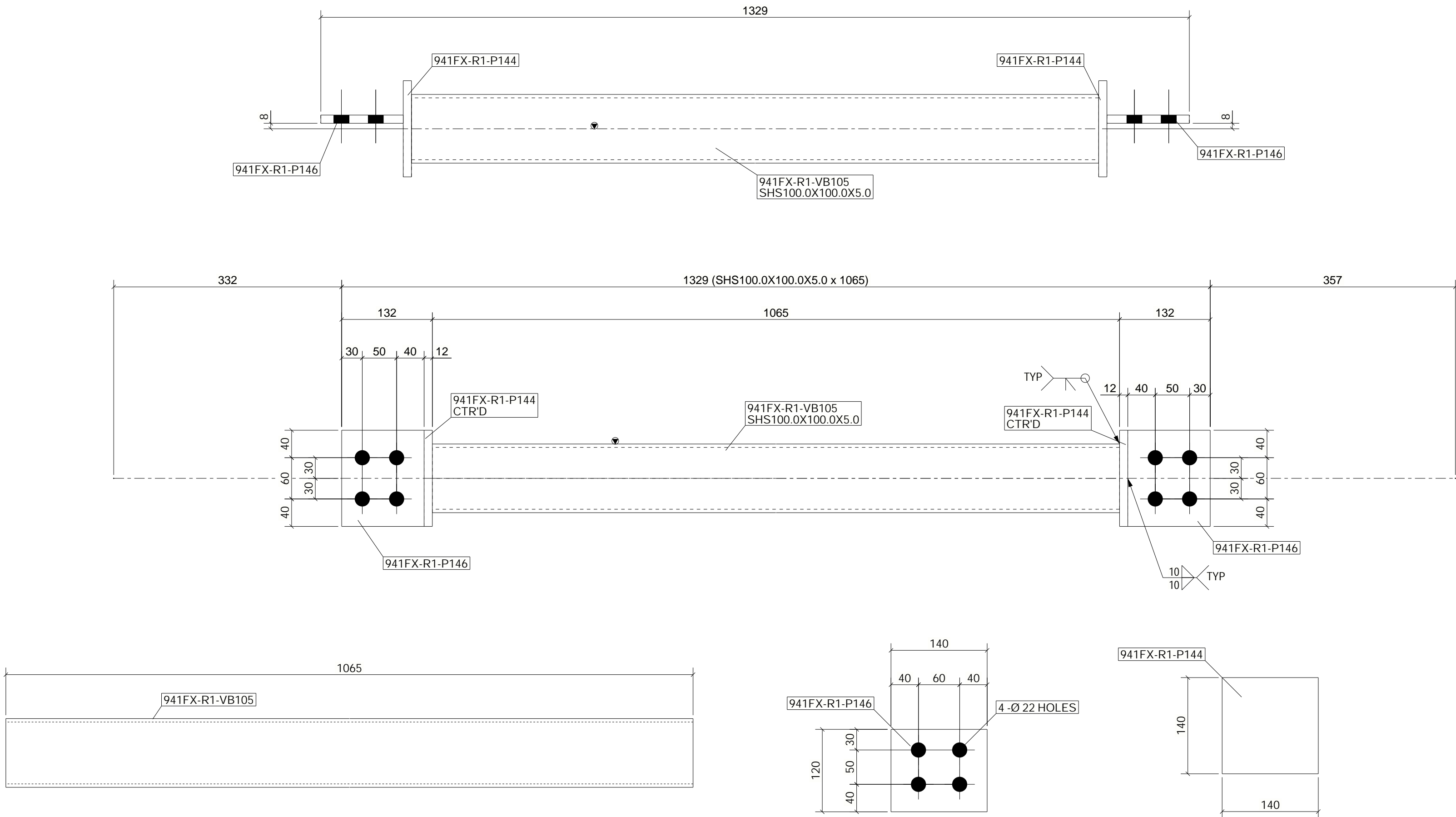


| GRID LOCATION | |
|----------------|-------|
| 941FX-R1-VB105 | A-B/1 |
| 941FX-R1-VB105 | A-B/2 |
| 941FX-R1-VB105 | A-B/3 |
| 941FX-R1-VB105 | A-B/4 |
| 941FX-R1-VB105 | A-B/5 |
| 941FX-R1-VB105 | A-B/6 |

| BILL OF MATERIALS | | | ASSEMBLY MKD' 941FX-R1-VB105 | | ASSY QTY : 12 | | | |
|---------------------------|--------------------|--------|------------------------------|-----------|----------------------|----------------------|---------------------|--------|
| MARK | DESCRIPTION | GRADE | LENGTH (mm) | QTY (Nos) | SURFACE AREA (sq. m) | NET WT PER ITEM (Kg) | TOTAL WEIGHT (Kg) | REMARK |
| 941FX-R1-P144 | PL12*140 | E350-A | 140 | 2 | 0.05 | 1.85 | 3.69 | |
| 941FX-R1-P146 | PL12*120 | E350-A | 140 | 2 | 0.04 | 1.58 | 3.17 | |
| 941FX-R1-VB105 | SHS100.0X100.0X5.0 | YSi310 | 1065 | 1 | 0.43 | 15.89 | 15.89 | |
| WEIGHT FOR ONE ASSEMBLY : | | | | | | | 22.75 | (Kg) |
| TOTAL WEIGHT : | | | | | | | 22.75 X 12 = 272.94 | (Kg) |

| BOLT LIST | | | | | | | ASSEMBLY MKD' : 941FX-R1-VB105 ASSY QTY : 12 | |
|-----------|--------|---------------|------------|-----------|------|--|--|--|
| BOLT DIA | GRADE | LENGTH (mm) | QTY / ASSY | QTY/TOTAL | TYPE | | | |
| M 20 | 8.8X0X | 65 | 8 | 96 | Site | | | |



12 No. VERTICAL BRACE REQUIRED AS DRAWN MAEKED 941FX-R1-VB105


NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS. ALL CO-ORDINATES, ELEVATIONS ARE IN METER UNO.
- DO NOT TAKE DIMENSION BY SCALING THE DRAWING.
- ☑ DENOTES SHOP MARK AND IT SHALL BE PROVIDED BY FABRICATOR ON FLANGE OF MEMBERS/FACE OF PLATE OF EACH ASSEMBLY AS SHOWN ON SHOP DETAIL DRAWING.SAME IS TO BE REFERRED FOR ORIENTATION DURING THE ERECTION OF ASSEMBLY.
- FOR GENERAL NOTES, ABBREVIATIONS AND OTHER DETAILS REFER DWG NO. &VHS-(941FX-SR1)-N-ZP 2041.101 (EN).


LEGENDS:

- | | |
|------|------------------------|
| TOC | - TOP OF CONCRETE |
| TOGR | - TOP OF GRATING |
| TOS | - TOP OF STEEL |
| BOS | - BOTTOM OF STEEL |
| BOBP | - BOTTOM OF BASE PLATE |
| C/L | - CENTER LINE |
| BS | - BOTH SIDE |
| TYP | - TYPICAL |
| FGL | - FINISH GRADE LEVEL |
| CTRD | - CENTERED |
| ASSY | - ASSEMBLY |

| | | | | | | |
|--------|-------|------------|------------------------|----------|----------|----------|
| | | | | | | |
| IFF | 01 | 22.03.2024 | ISSUED FOR FABRICATION | M.KUMAR | D.JOSHI | VILAS.S |
| STATUS | ISSUE | DATE | DESCRIPTION | PREPARED | REVIEWED | APPROVED |



Panipat Hydrogen Generation Unit
Praxair India Private Limited



Indian Oil Corporation Limited

Linde Plant-Project ID: 2910A70M

Linde Plant-Project Code: Panipat_HGU


Project ID: -

Item: -

Client Project ID: NA

Client Project Code: NA

Project Code: -

Vendor:  VHS Engineering Services

Title: 941FX-SR1

DETAIL OF VERTICAL BRACING MKD. 941FX-R1-VB105

Scale: 1:5

Linde Document No. &VHS-(941FX-SR1)-N-ZP 2042.VB105 (EN)

Issue: 01

Sheet: 2 OF 2