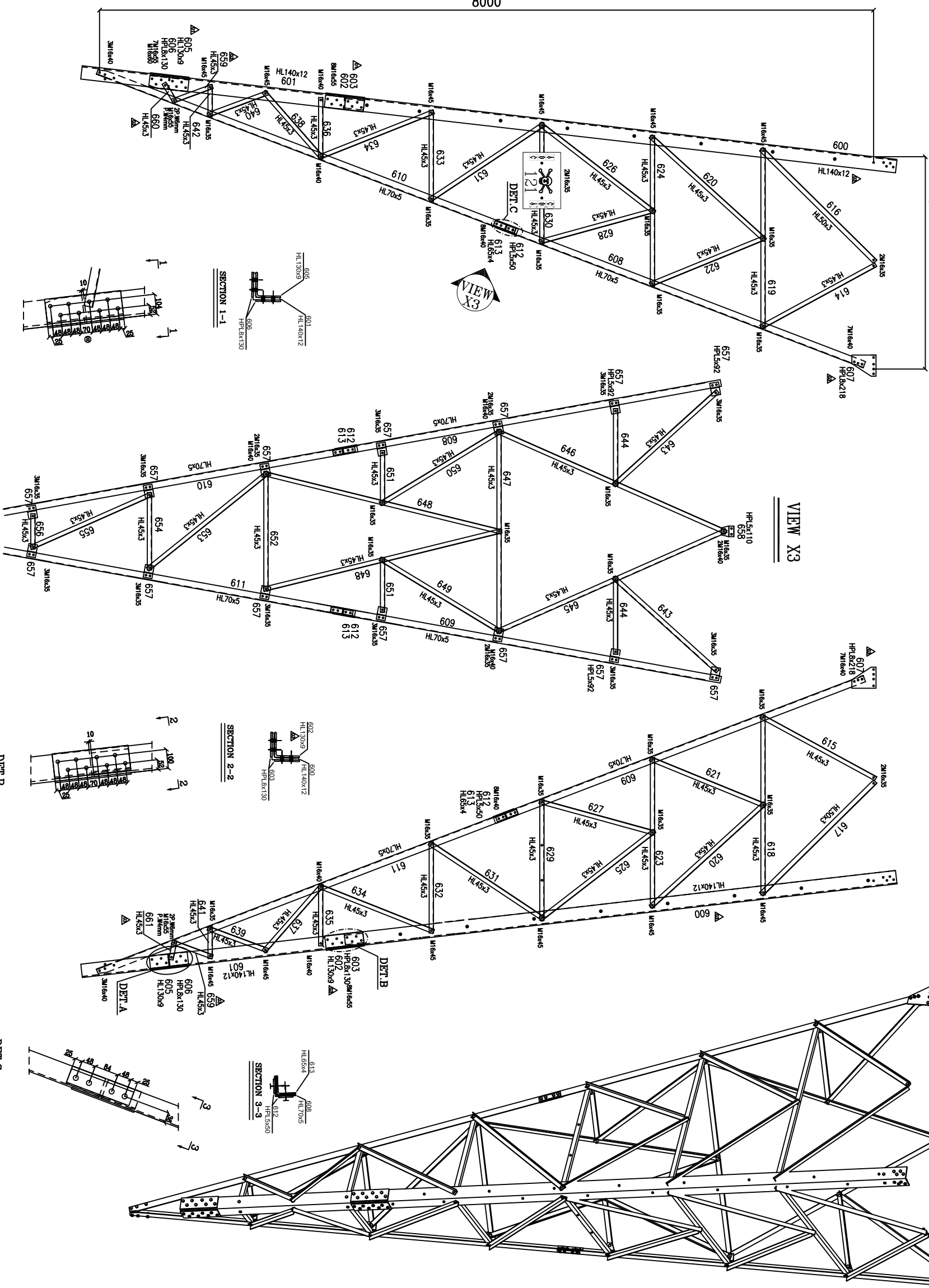


LEG EXT.8m TRANS & LONG FACE

B/B OF ANGLE 2210.2



- NOTES:
- 1- ALL DIMENSION ARE IN MILLIMETERS.
 - 2- DO NOT SCALE THE DRAWING
 - 3- DIAMETERS OF HOLE ARE AS FOLLOWS:
Ø215 mm FOR M20, Ø175 mm FOR M16
Ø135 mm FOR M12 BOLTS.
 - 4- EACH BOLT ASSEMBLY INCLUDES ONE BOLT
ONE NUT AND ONE SPRING WASHER.
 - 5- EACH STEP BOLT ASSEMBLY INCLUDES ONE STEP BOLT
TWO NUTS AND TWO SPRING WASHER.
 - 6- GRADE OF BOLTS IS 5.8
 - 7- THE STEEL MEMBER IDENTIFIED BY "A" ARE ST52
OTHER MEMBERS ARE ST37

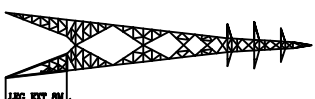
SYMBOLS AND ABBREVIATIONS

| DESCRIPTION | SYMBOL |
|--------------------|--------|
| CENTER LINE | C.L. |
| PLATE | PL |
| ANGLE | L |
| SPLICE | SP |
| HIGH TENSILE | HL |
| BEND LINE | B.L. |
| NEAR SIDE | N.S. |
| EAR SIDE | E.S. |
| Ø12 mm HOLE | ◆ |
| Ø13.5 mm HOLE | ● |
| Ø17.5 mm HOLE | ○ |
| Ø21.5mm HOLE | ◉ |
| Ø25mm HOLE | ◐ |
| HOLE FOR STEP BOLT | ◑ |

SPECIFICATION FOR MATERIALS

| NO. | ITEM | REFERENCE |
|-----|-------|--|
| 1 | ANGLE | DN 10004-2 DN 10004-3 DN 10004-4 DN 10004-5 DN 10004-6 DN 10004-7 DN 10004-8 DN 10004-9 DN 10004-10 DN 10004-11 DN 10004-12 DN 10004-13 DN 10004-14 DN 10004-15 DN 10004-16 DN 10004-17 DN 10004-18 DN 10004-19 DN 10004-20 DN 10004-21 DN 10004-22 DN 10004-23 DN 10004-24 DN 10004-25 DN 10004-26 DN 10004-27 DN 10004-28 DN 10004-29 DN 10004-30 DN 10004-31 DN 10004-32 DN 10004-33 DN 10004-34 DN 10004-35 DN 10004-36 DN 10004-37 DN 10004-38 DN 10004-39 DN 10004-40 DN 10004-41 DN 10004-42 DN 10004-43 DN 10004-44 DN 10004-45 DN 10004-46 DN 10004-47 DN 10004-48 DN 10004-49 DN 10004-50 DN 10004-51 DN 10004-52 DN 10004-53 DN 10004-54 DN 10004-55 DN 10004-56 DN 10004-57 DN 10004-58 DN 10004-59 DN 10004-60 DN 10004-61 DN 10004-62 DN 10004-63 DN 10004-64 DN 10004-65 DN 10004-66 DN 10004-67 DN 10004-68 DN 10004-69 DN 10004-70 DN 10004-71 DN 10004-72 DN 10004-73 DN 10004-74 DN 10004-75 DN 10004-76 DN 10004-77 DN 10004-78 DN 10004-79 DN 10004-80 DN 10004-81 DN 10004-82 DN 10004-83 DN 10004-84 DN 10004-85 DN 10004-86 DN 10004-87 DN 10004-88 DN 10004-89 DN 10004-90 DN 10004-91 DN 10004-92 DN 10004-93 DN 10004-94 DN 10004-95 DN 10004-96 DN 10004-97 DN 10004-98 DN 10004-99 DN 10004-100 |

| LIST OF BOLT & NUTS & WASHERS INCLUDING 3% EXTRA | | | |
|--|------|--------------|------|
| LENGTH | QTY. | LENGTH | QTY. |
| M16x50mm | 67 | 50mm WASHER | 186 |
| M16x40mm | 38 | 2mm PLATE W. | 3 |
| M16x55mm | 13 | 6mm PLATE W. | 5 |
| M16x50mm | 3 | | |
| M16x55mm | 35 | | |
| STEP BOLT | 16 | | |



| | | | | | |
|-------------|----------------------------|---------|------------|------|------------|
| DESIGNER | YASIN | CHECKER | YASIN | DATE | 14/01/2023 |
| APPROVER | YASIN | DATE | 14/01/2023 | | |
| PROJECT | 63KV D/C TRANSMISSION LINE | | | | |
| CLIENT | MONENCO IRAN CO. | | | | |
| CONTRACT | YASAN CO. | | | | |
| TYPE | TENSION YTM30 | | | | |
| LEG EXT. 8M | | | | | |
| SCALE | 1:100 | | | | |
| DATE | 14/01/2023 | | | | |