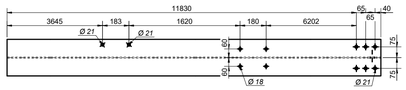
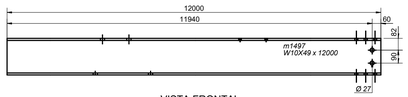
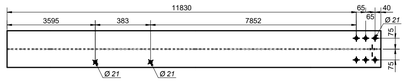


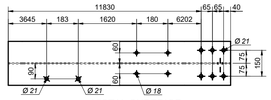

VISTAL SUPERIOR
1:15



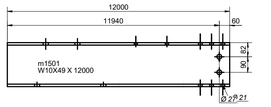

VISTA FRONTAL
1:15




VISTAL INFERIOR
1:15




VISTAL SUPERIOR
1:12.5




VISTA FRONTAL
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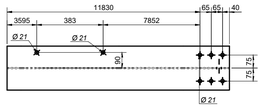


VISTAL INFERIOR
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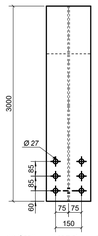
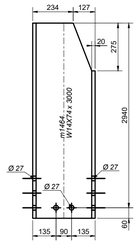



VISTAL LATERAL IZQ.
1:12.5




VISTA FRONTAL
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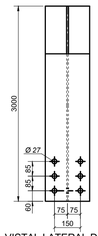


VISTAL LATERAL DER.
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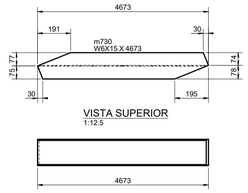
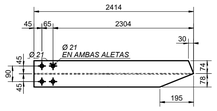



VISTA SUPERIOR
1:12.5



VISTA FRONTAL
1:12.5

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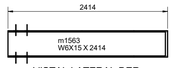


VISTAL LATERAL DER.
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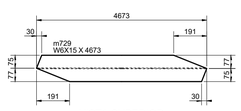


VISTA SUPERIOR
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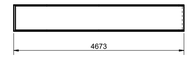


VISTA FRONTAL
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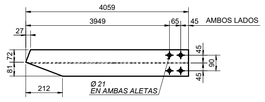


VISTA FRONTAL
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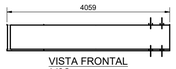


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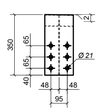


VISTAL LATERAL IZQ.
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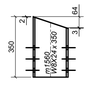


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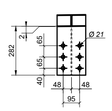


VISTAL LATERAL DER.
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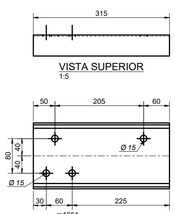
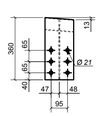



VISTA FRONTAL
1:5




VISTA SUPERIOR
1:5

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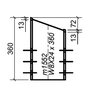


VISTA FRONTAL
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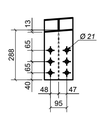


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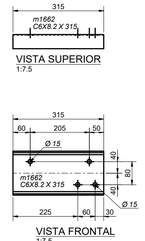


VISTA FRONTAL
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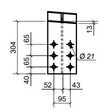
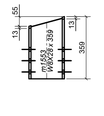



VISTAL LATERAL IZQ.
1:12.5




VISTA FRONTAL
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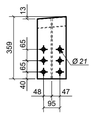



VISTAL LATERAL DER.
1:12.5



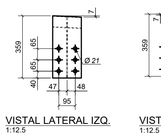

VISTAL SUPERIOR
1:12.5




VISTA FRONTAL
1:12.5




VISTAL INFERIOR
1:12.5

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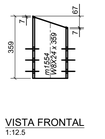


VISTA FRONTAL
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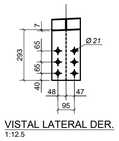


VISTAL LATERAL DER.
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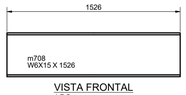


VISTA FRONTAL
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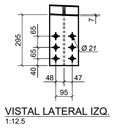


VISTAL LATERAL IZQ.
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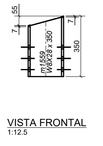


VISTA FRONTAL
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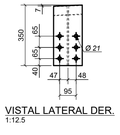


VISTAL LATERAL DER.
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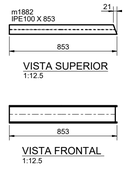
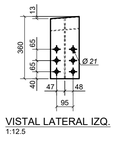
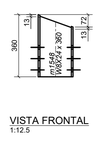



VISTA SUPERIOR
1:12.5

VISTA FRONTAL
1:12.5




VISTAL LATERAL IZQ.
1:12.5




VISTA FRONTAL
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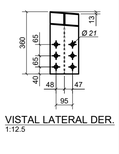


VISTAL LATERAL DER.
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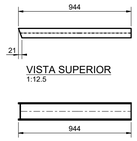
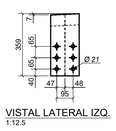



VISTA SUPERIOR
1:12.5




VISTA FRONTAL
1:12.5




VISTAL LATERAL IZQ.
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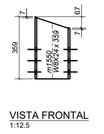


VISTA FRONTAL
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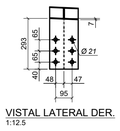


VISTAL LATERAL DER.
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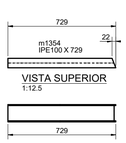
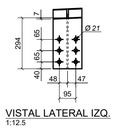



VISTA SUPERIOR
1:12.5

VISTA FRONTAL
1:12.5




VISTAL LATERAL IZQ.
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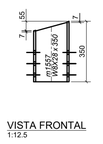
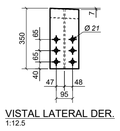



VISTA FRONTAL
1:12.5




VISTAL LATERAL DER.
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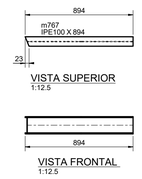
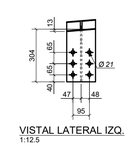



VISTA SUPERIOR
1:12.5

VISTA FRONTAL
1:12.5

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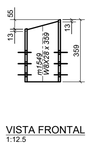
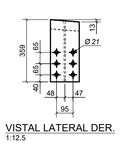



VISTA FRONTAL
1:12.5




VISTAL LATERAL DER.
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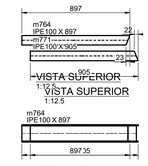
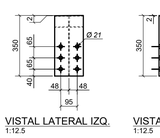


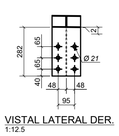

VISTA SUPERIOR
1:12.5

VISTA FRONTAL L
1:12.5

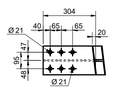



VISTAL LATERAL IZQ.
1:12.5

VISTA FRONTAL
1:12.5

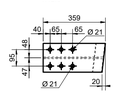



VISTAL LATERAL DER.
1:12.5

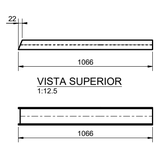



VISTA SUPERIOR
1:12.5

VISTA FRONTAL
1:12.5




VISTA INFERIOR
1:12.5

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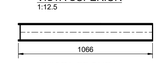
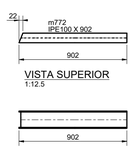


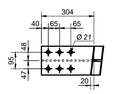

VISTA FRONTAL
1:12.5



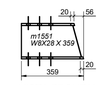

VISTA SUPERIOR
1:12.5



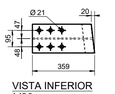

VISTA FRONTAL
1:12.5




VISTA SUPERIOR
1:12.5




VISTA FRONTAL
1:12.5




VISTA INFERIOR
1:12.5

## LISTA DE MATERIALES

CONJUNTO: S135 — CANTIDAD: 2

| PLANO (Z) | PARTE | PERFIL | MATERIAL | CANTIDAD (un) | LONGITUD (mm) | PESO (kg) | PESO T. (kg) |
|---|---|---|---|---|---|---|---|
| | m764 | IPE100 | A572-G50 | 1 | 895 | 7.24 | 7.24 |
| | m767 | IPE100 | A572-G50 | 1 | 893 | 7.22 | 7.22 |
| | m771 | IPE100 | A572-G50 | 1 | 905 | 7.32 | 7.32 |
| | m772 | IPE100 | A572-G50 | 1 | 902 | 7.29 | 7.29 |
| | m1354 | IPE100 | A572-G50 | 1 | 729 | 5.89 | 5.89 |
| | m1355 | IPE100 | A572-G50 | 1 | 1066 | 8.62 | 8.62 |
| | m1464 | W14X74 | A572-G50 | 2 | 3000 | 331.22 | 662.44 |
| | m1497 | W10X49 | A572-G50 | 1 | 12000 | 875.15 | 875.15 |
| | m1501 | W10X49 | A572-G50 | 1 | 12000 | 875.15 | 875.15 |
| | m1547 | W8X28 | A572-G50 | 1 | 359 | 15.00 | 15.00 |
| | m1549 | W8X28 | A572-G50 | 1 | 359 | 15.00 | 15.00 |
| | m1551 | W8X28 | A572-G50 | 1 | 359 | 15.00 | 15.00 |
| | m1553 | W8X28 | A572-G50 | 1 | 359 | 15.00 | 15.00 |
| | m1557 | W8X28 | A572-G50 | 1 | 350 | 14.61 | 14.61 |
| | m1559 | W8X28 | A572-G50 | 1 | 350 | 14.61 | 14.61 |
| | m1661 | C6X8.2 | A572-G50 | 10 | 315 | 3.81 | 38.12 |
| | m1662 | C6X8.2 | A572-G50 | 10 | 315 | 3.81 | 38.12 |
| | m1882 | IPE100 | A572-G50 | 1 | 853 | 6.90 | 6.90 |
| | m1883 | IPE100 | A572-G50 | 1 | 944 | 7.63 | 7.63 |
| | m1889 | W40X20 | A572-G50 | 1 | 4059 | 120.66 | 120.66 |
| | m1943 | W6X20 | A572-G50 | 1 | 1523 | 45.29 | 45.29 |
| | m1944 | W6X20 | A572-G50 | 2 | 1526 | 45.37 | 90.73 |
| | m1956 | W6X20 | A572-G50 | 1 | 4672 | 138.91 | 138.91 |
| | m1957 | W6X20 | A572-G50 | 1 | 4673 | 138.92 | 138.92 |
| | m1972 | W8X28 | A572-G50 | 1 | 360 | 15.03 | 15.03 |
| | m1973 | W8X28 | A572-G50 | 1 | 360 | 15.03 | 15.03 |
| | m1974 | W8X28 | A572-G50 | 1 | 360 | 15.03 | 15.03 |
| | m1975 | W8X28 | A572-G50 | 1 | 360 | 15.03 | 15.03 |
| | m1976 | W8X28 | A572-G50 | 1 | 351 | 14.63 | 14.63 |
| | m1977 | W8X28 | A572-G50 | 1 | 351 | 14.63 | 14.63 |
| | m2051 | W6X20 | A572-G50 | 1 | 2414 | 71.77 | 71.77 |
| | p1068 | PL12*223 | A572-G50 | 4 | 226 | 4.73 | 18.92 |
| | p1097 | PL19*257 | A572-G50 | 2 | 289 | 11.05 | 22.10 |
| | p1360 | PL12*223 | A572-G50 | 2 | 351 | 6.73 | 13.45 |

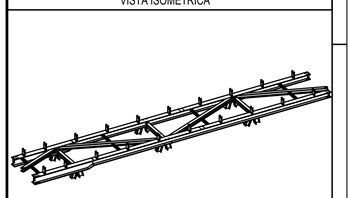
PESO TOTAL CONJUNTO 6976.02 — Peso unitario conjunto 3388.42
Incluye 3% de soldadura — Peso total conjunto 6772.83

## LISTA DE TORNILLOS

| CANTIDAD (un) | TORNILLERIA | PESO (kg) | PESO T. (kg) |
|---|---|---|---|

**PESO TOTAL PLANO 6976.02** — PESO TORNILLERIA 0.00

## VISTA ISOMETRICA



APTO PARA FABRICACIÓN — FECHA: 05.06.2020 — FIRMA:

## NOTAS

1- TODAS LAS DIMENSIONES DADAS EN MILIMETROS Y NIVELES EN METROS.
2- PARA ESPECIFICACIONES Y NOTAS GENERALES VER PLANO D01
3- * COTA CRITICA (MEDIDAS A RESPETAR).

## CONVENCIONES

1- TIP : TIPICO
2- CTR : CENTRADA
3- PT : PUNTO DE TRABAJO
4- SIM : SIMILAR
5- JPC : JUNTA PENETRACION COMPLETA
6- JPP : JUNTA PENETRACION PARCIAL
7- SRS : SISTEMA DE RESISTENCIA SISMICA
8- END : ENSAYO NO DESTRUCTIVO
9- MARCA ORIENTACION
10- LADO CONECTADO
11- ALFAJOR
12- MALLA
13- SENTIDO PORTANTE REJILLA-STEEL DECK
14- SIMBOLOGIA ISO

## REVISIONES

| N° | FECHA | DIBUJO | DESCRIPCION DE LA REVISION |
|---|---|---|---|
| 0 | 05.06.2020 | S.Rapalino | EMITIDO PARA FABRICACION |

PROYECTO: COLISEO ARENA
CONTIENE: CERCHA CELOSIA
CLIENTE: EVENTOS ARENA BOGOTA SAS.

Estahl Ingeniería Estructuras de Acero

| | | | |
|---|---|---|---|
| DIBUJO | S.Rapalino | Vo.Bo. | |
| REVISO | L.Velandia | Vo.Bo. | |
| APROBO | L.Velandia | Vo.Bo. | |
| CAL. | E.Barrera | Vo.Bo. | NA |
| MAT. | 15202-102710BYC | | |

PLANO: S135 — ESC.: IND
OBRA: 641 — REV: 0

F-ING-12 | VER 2 | FECHA:14/MAY/2020 | COPIA CONTROLADA

Tekla Structures