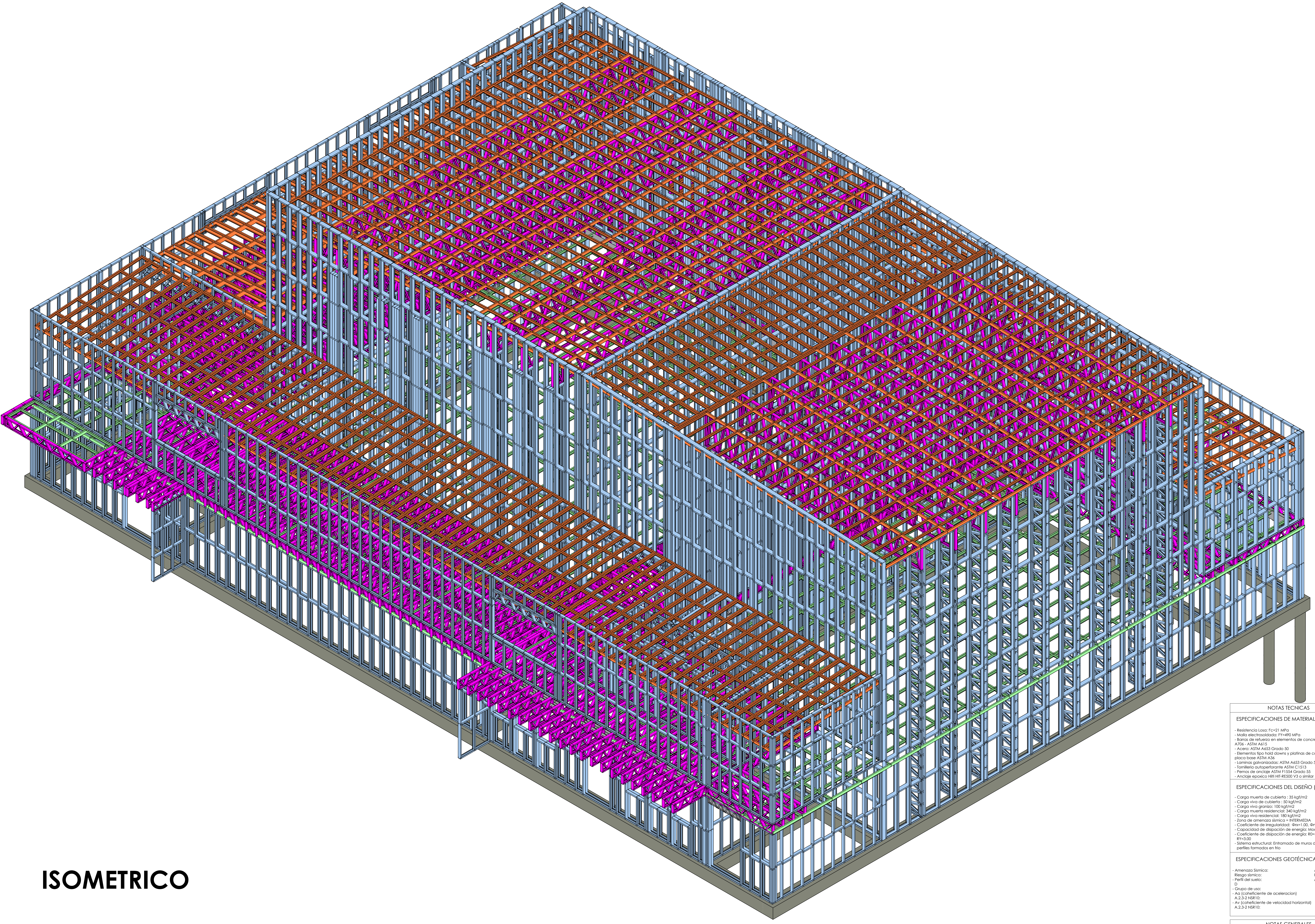

# ISOMETRICO

ESCALA DE IMPRESIÓN
1000:1
FORMATO A1

## NOTAS TECNICAS

### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: $\Phi rx=1.00$, $\Phi ry=1.00$
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo:<br>D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion)<br>A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal)<br>A.2.3-2 NSR10: | 0.20 |

## NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA

**CEDI YOLOMBO**

CONTENIDO DEL PLANO

**ISOMETRICO**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**

MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| REVISIONES | VERSION | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/25 |
| | | |
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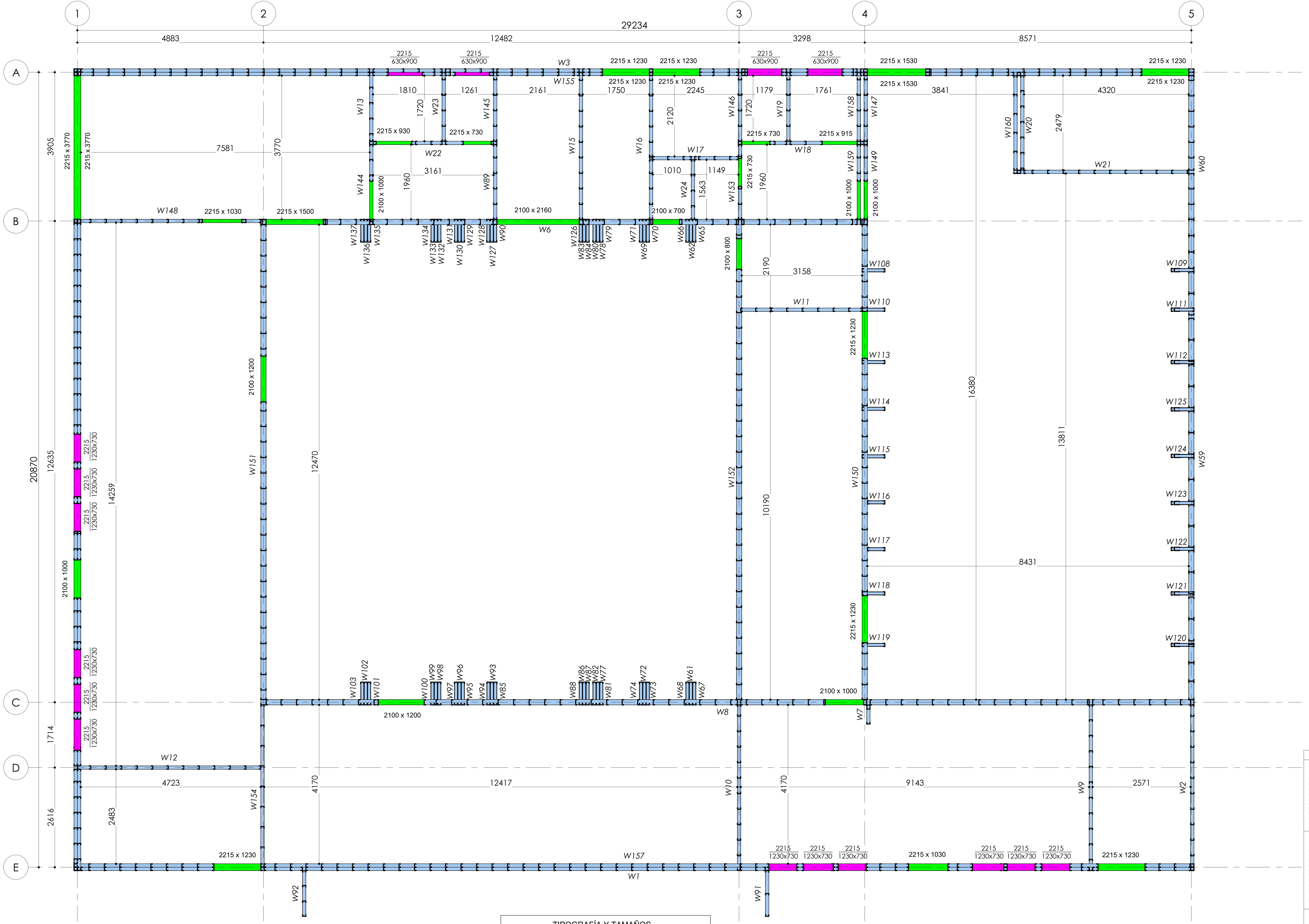
FECHA: **11/12/2025**

ESCALA:

PLANO: **100**

ARCHIVO: **CEDI YOLOMBO**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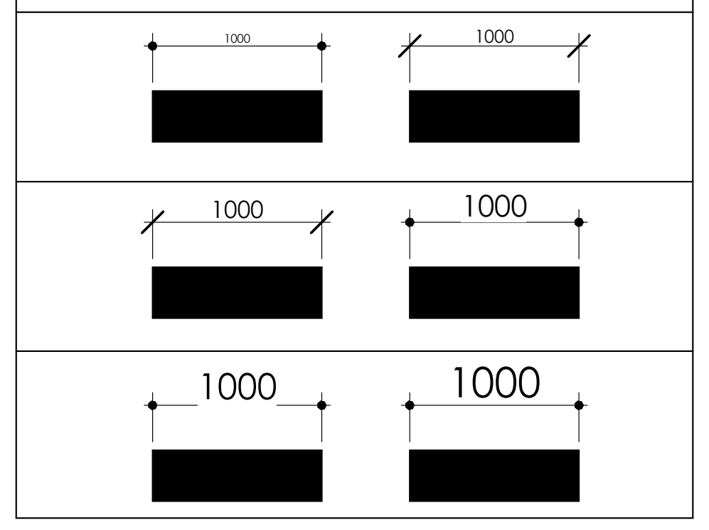
2215 x 1230
W157
2215 1230x730
2215 x 1030
2215 x 1230
W1
W92
W91

## PLANTA DE MUROS PRIMER PISO

ESCALA DE IMPRESIÓN
1000:1
FORMATO A1

| TIPOGRAFÍA Y TAMAÑOS |
|---|
| CFM_CENTURY 1.5mm |
| CFM_CENTURY 2.0mm |
| CFM_CENTURY 2.5mm |
| CFM_CENTURY 3.0mm |
| **CFM_CENTURY 3.0mm - Negrita** |
| CFM_CENTURY 4.0mm |
| **CFM_CENTURY 4.0mm - Negrita** |
| **CFM_CENTURY 5.0mm - Negrita** |

REGION ELEMENTOS EN PLANTA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| ANOTATIVOS | |
|---|---|
| **VENTANA** | H. DINTEL<br>ALTO X ANCHO |
| **PUERTA** | ALTO X ANCHO |
| **CRUZ** | Cruz de San Andres x2 Long aproximada de cada Fleje 5745<br>Cruz de San Andres Long aproximada de cada Fleje 4147 y 4303<br>Cruz de San Andres Long aproximada de Fleje 4771 |

| REGION ELEMENTOS EN PLANTA | |
|---|---|
| 🟩 Transparencia 50% | Region Puerta |
| 🟪 Transparencia 50% | Region Ventana |
| 🟦 Transparencia 50% | Region Cruz San Andres |
| 🟧 Transparencia 50% | Region Cubierta |
| 🟩 Transparencia 20% | Region Escaleras/Soportes |

### NOTAS TECNICAS

#### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

#### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

#### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: | A.2.4-1 NSR-10 |
| D | |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

### NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

CIUDAD DE YOLOMBÓ
1560

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:
ESE Hospital San Rafael
Yolombó
Transformando vidas
**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:
CONVERGE
**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA
**CEDI YOLOMBO**

CONTENIDO DEL PLANO
**PLANTA DE MURO**
**NIVEL 1**

DISEÑO:
**ING. CESAR CORDOBA**

DIBUJO:
**JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**
MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| REVISIONES | VERSION | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/25 |
| | | |
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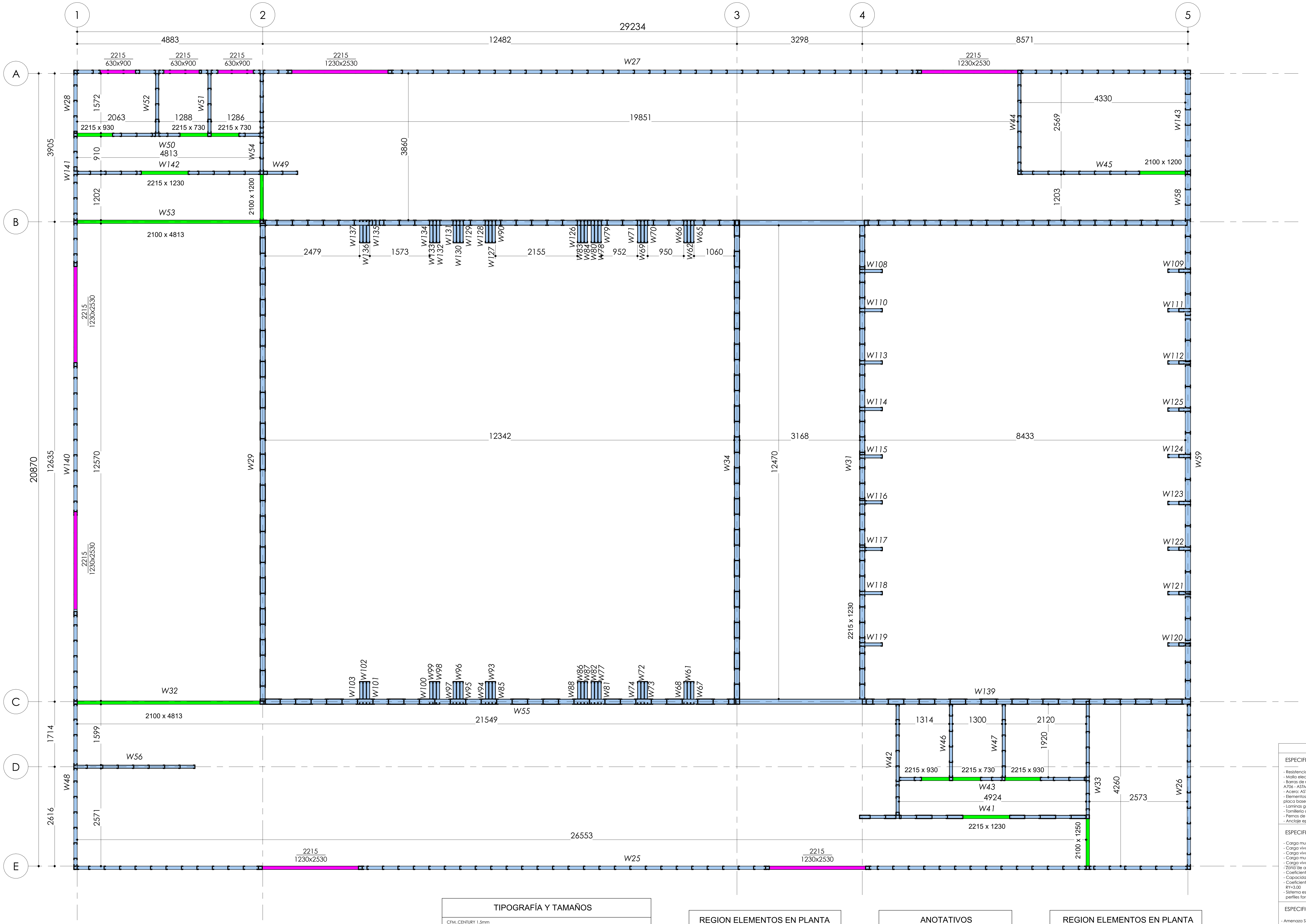
FECHA:
**11/12/2025**

ESCALA:
**1 : 50**

ARCHIVO:
**CEDI YOLOMBO**

PLANO:
**101**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W41
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4260
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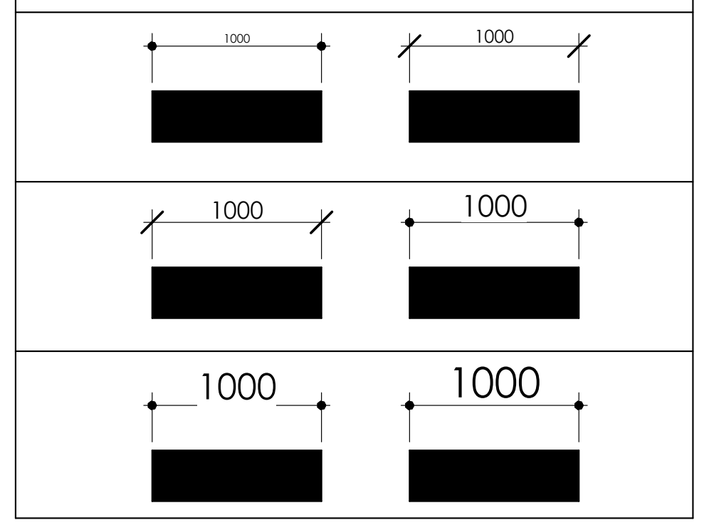
2571
26553
2100 x 1250
W25

# PLANTA DE MUROS
# SEGUNDO PISO

| TIPOGRAFÍA Y TAMAÑOS |
|---|
| CFM_CENTURY 1.5mm |
| CFM_CENTURY 2.0mm |
| CFM_CENTURY 2.5mm |
| CFM_CENTURY 3.0mm |
| **CFM_CENTURY 3.0mm - Negrita** |
| CFM_CENTURY 4.0mm |
| **CFM_CENTURY 4.0mm - Negrita** |
| **CFM_CENTURY 5.0mm - Negrita** |

REGION ELEMENTOS EN PLANTA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| ANOTATIVOS | |
|---|---|
| **VENTANA** | H. DINTEL<br>ALTO X ANCHO |
| **PUERTA** | ALTO X ANCHO |
| **CRUZ** | Cruz de San Andres x2 Long aproximada de cada Fleje 5745<br>Cruz de San Andres Long aproximada de cada Fleje 4147 y 4303<br>Cruz de San Andres Long aproximada de Fleje 4771 |

| REGION ELEMENTOS EN PLANTA | |
|---|---|
| 🟩 Transparencia 50% | Region Puerta |
| 🟪 Transparencia 50% | Region Ventana |
| 🟦 Transparencia 50% | Region Cruz San Andres |
| 🟧 Transparencia 50% | Region Cubierta |
| 🟩 Transparencia 20% | Region Escaleras/Soportes |

## NOTAS TECNICAS

### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

## NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

CIUDAD DE YOLOMBÓ
1560

**ESTUDIOS Y DISEÑOS PARA LA**
**CONSTRUCCIÓN DEL CEDI,**
**CENTRO DE DISTRIBUCIÓN DE**
**MEDICAMENTOS DEL HOSPITAL**
**SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA
**CEDI YOLOMBO**

CONTENIDO DEL PLANO
**PLANTA DE MURO**
**NIVEL 2**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**
MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| REVISIONES | VERSION | FECHA |
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| DETALLE DE ESCALERA | 01 | 11/12/25 |
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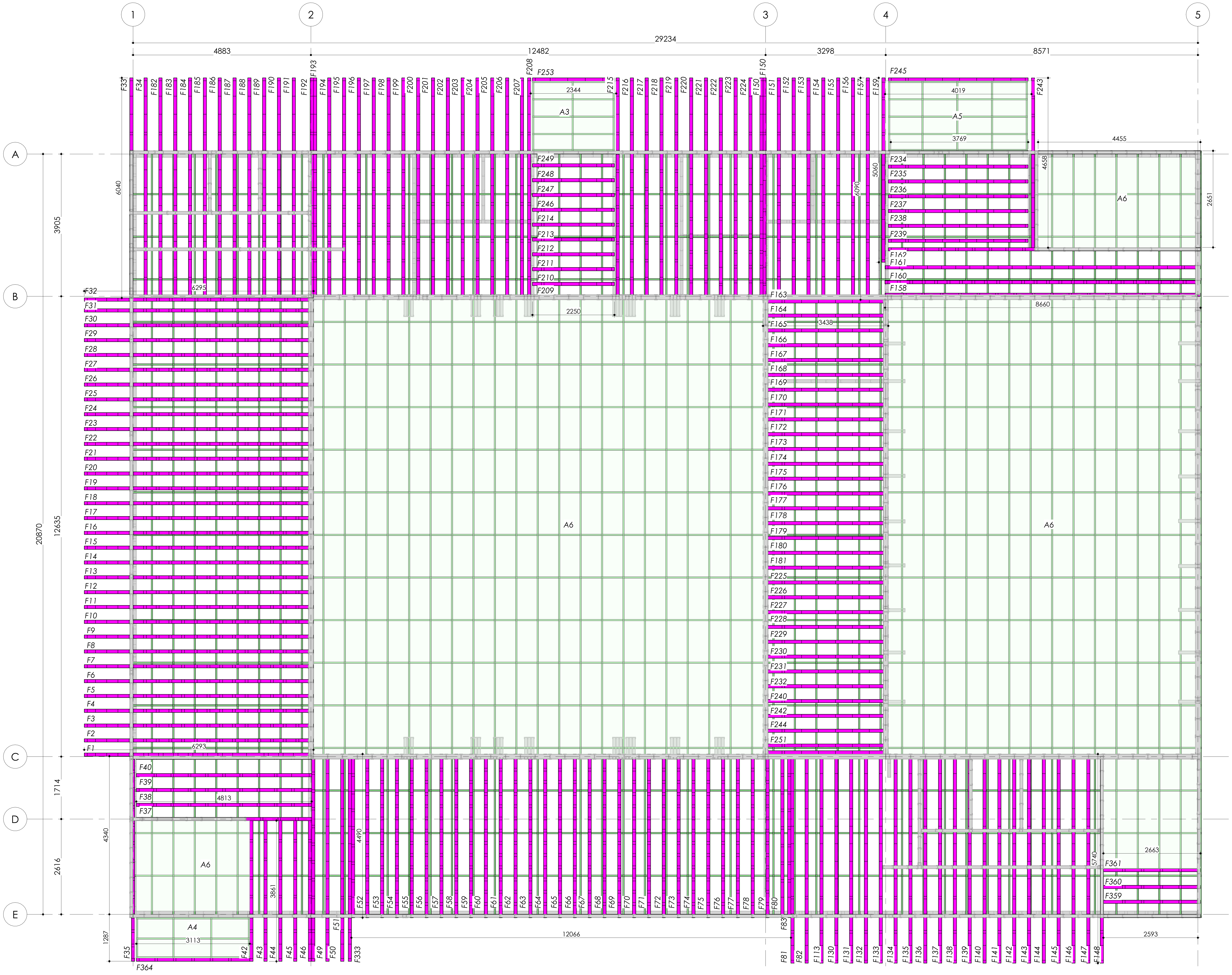
FECHA: **11/12/2025**

ESCALA: **1 : 50**

ARCHIVO: **CEDI YOLOMBO**

PLANO: **102**

ESCALA DE IMPRESIÓN
1000:1
FORMATO A1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## PLANTA DE VIGAS

### NOTAS TECNICAS

#### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

#### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

#### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: | A.2.4-1 NSR-10 |
| D | |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

### NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

MONTANA SEMPER VIRET
CIUDAD DE YOLOMBO
1560

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA
**CEDI YOLOMBO**

CONTENIDO DEL PLANO
**PLANTA DE VIGA**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**
MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| REVISIONES | VERSION | FECHA |
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| DETALLE DE ESCALERA | 01 | 11/12/25 |
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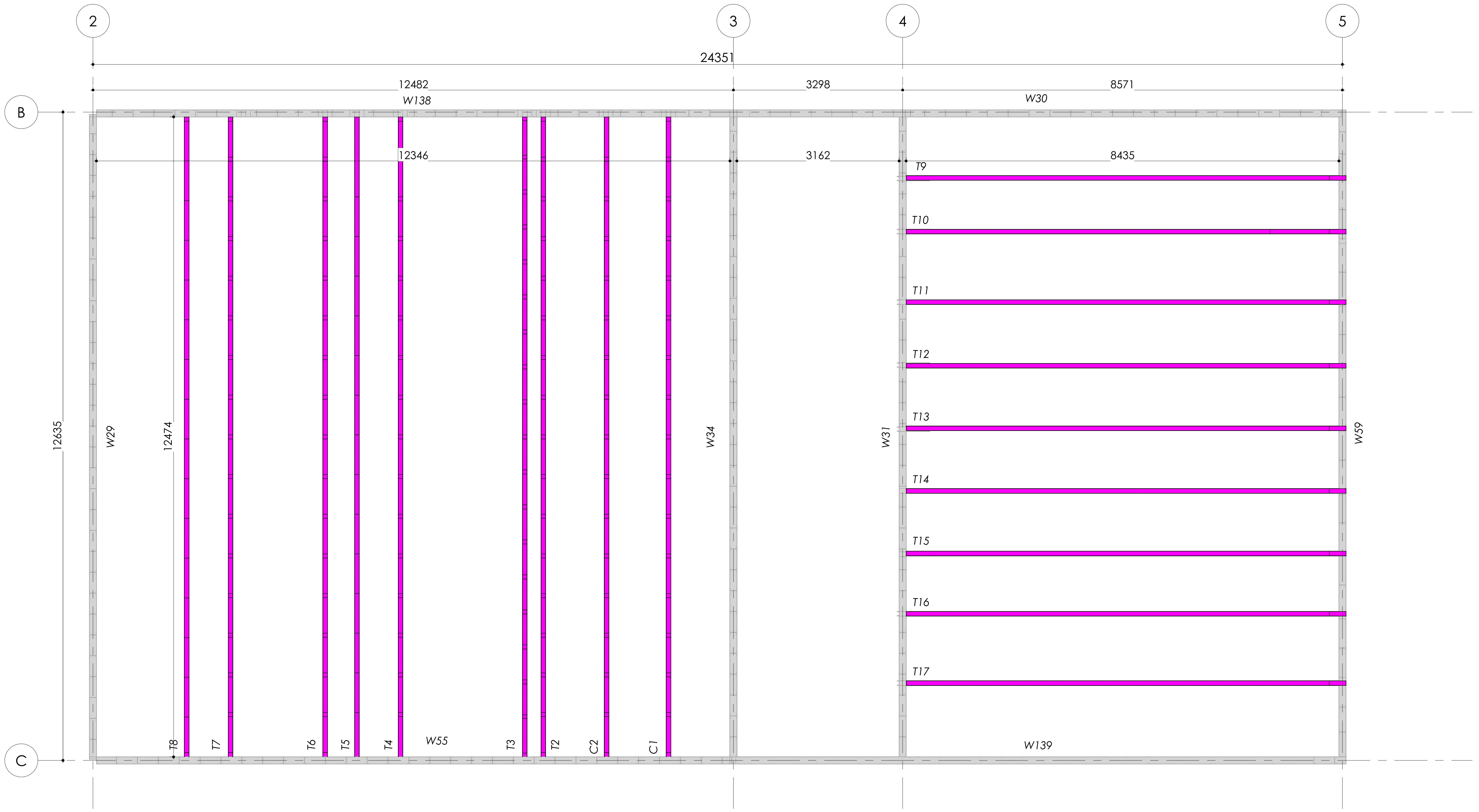
FECHA: **11/12/2025**

ESCALA: **1 : 50**

PLANO: **103**

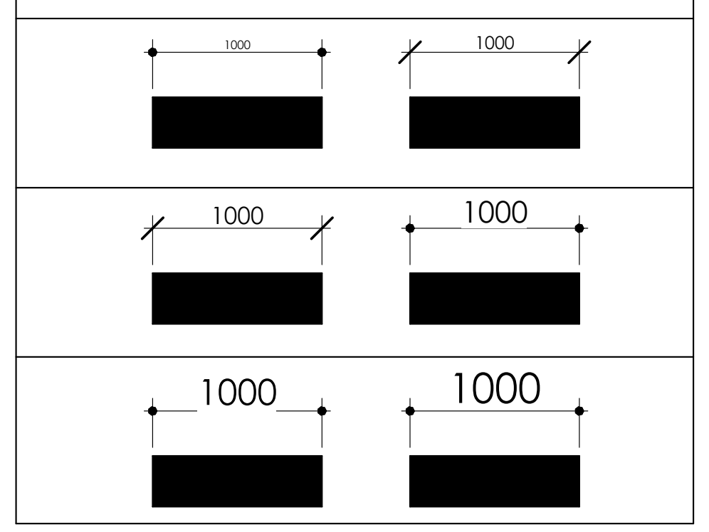
ARCHIVO: **CEDI YOLOMBO**



## PLANTA DE CERCHAS EN CUBIERTA

| TIPOGRAFÍA Y TAMAÑOS |
|---|
| CFM_CENTURY 1.5mm |
| CFM_CENTURY 2.0mm |
| CFM_CENTURY 2.5mm |
| CFM_CENTURY 3.0mm |
| **CFM_CENTURY 3.0mm - Negrita** |
| CFM_CENTURY 4.0mm |
| **CFM_CENTURY 4.0mm - Negrita** |
| **CFM_CENTURY 5.0mm - Negrita** |

REGION ELEMENTOS EN PLANTA



| ANOTATIVOS | |
|---|---|
| **VENTANA** | H. DINTEL<br>ALTO X ANCHO |
| **PUERTA** | ALTO X ANCHO |
| **CRUZ** | Cruz de San Andres x2 Long aproximada de cada Fleje 5745<br>Cruz de San Andres Long aproximada de cada Fleje 4147 y 4303<br>Cruz de San Andres Long aproximada de Fleje 4771 |

| REGION ELEMENTOS EN PLANTA | |
|---|---|
| 🟩 Transparencia 50% | Region Puerta |
| 🟪 Transparencia 50% | Region Ventana |
| 🟦 Transparencia 50% | Region Cruz San Andres |
| 🟧 Transparencia 50% | Region Cubierta |
| 🟩 Transparencia 20% | Region Escaleras/Soportes |

### NOTAS TECNICAS

#### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

#### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

#### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

### NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

MONTANA SEMPER LIBERI
CIUDAD DE YOLOMBO
1560

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingeniería

OBRA

**CEDI YOLOMBO**

CONTENIDO DEL PLANO

**PLANTA DE CERCHA**

DISEÑO:
**ING. CESAR CORDOBA**

DIBUJO:
**JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**

MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

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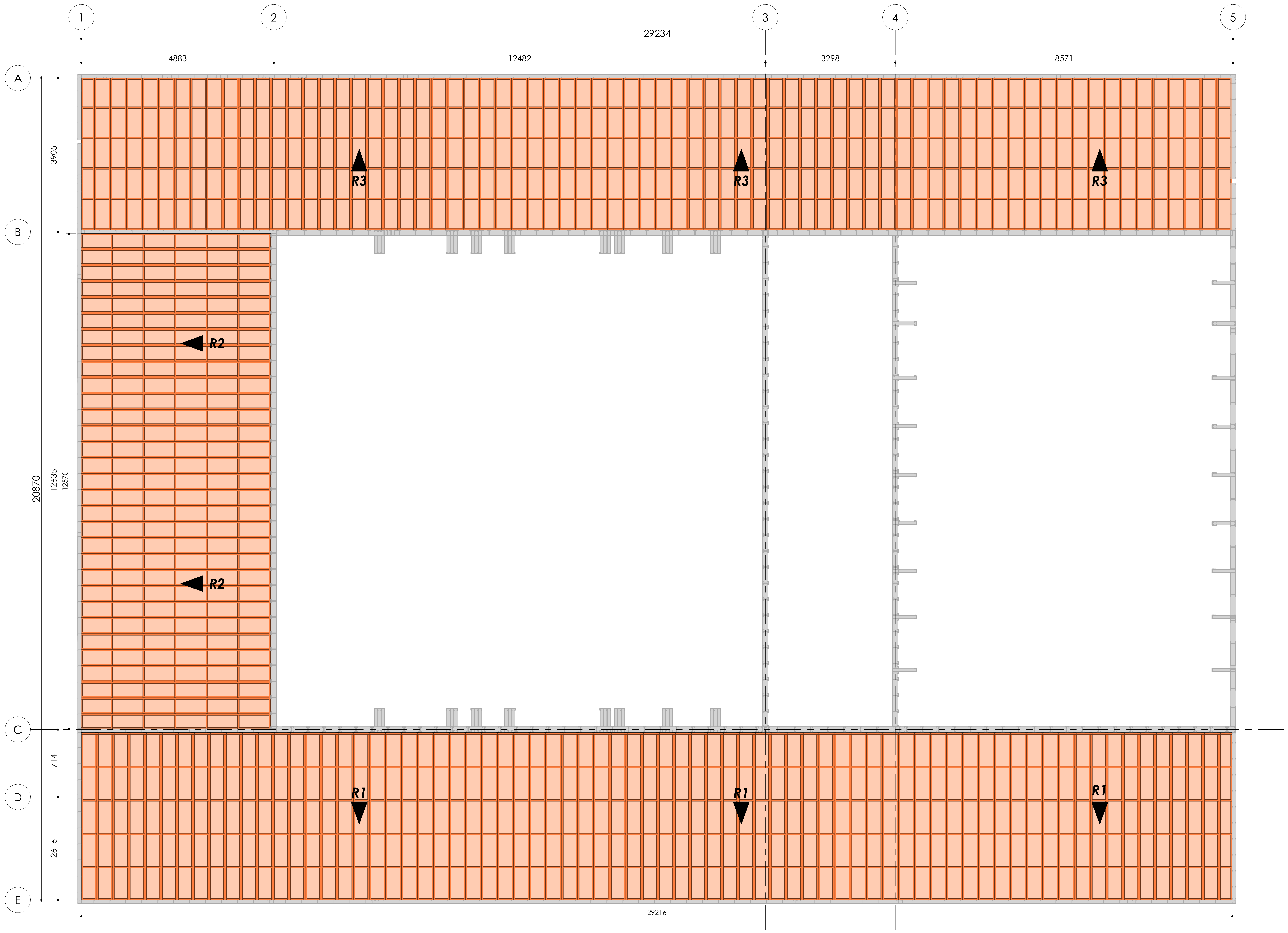
FECHA:
**11/12/2025**

ESCALA:
**1 : 50**

PLANO:
**104**

ARCHIVO:
**CEDI YOLOMBO**

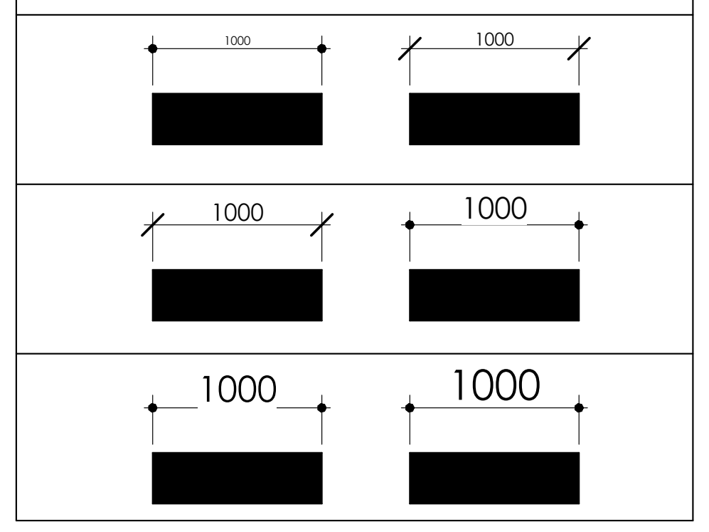
ESCALA DE IMPRESIÓN
1000:1
FORMATO A1



## PLANTA DE CUBIERTA 1

| TIPOGRAFÍA Y TAMAÑOS |
|---|
| CFM_CENTURY 1.5mm |
| CFM_CENTURY 2.0mm |
| CFM_CENTURY 2.5mm |
| CFM_CENTURY 3.0mm |
| **CFM_CENTURY 3.0mm - Negrita** |
| CFM_CENTURY 4.0mm |
| **CFM_CENTURY 4.0mm - Negrita** |
| **CFM_CENTURY 5.0mm - Negrita** |

REGION ELEMENTOS EN PLANTA



| ANOTATIVOS | |
|---|---|
| **VENTANA** | H. DINTEL<br>ALTO X ANCHO |
| **PUERTA** | ALTO X ANCHO |
| **CRUZ** | Cruz de San Andres x2<br>Long aproximada de cada Fleje 5745<br>Cruz de San Andres<br>Long aproximada de cada Fleje 4147 y 4303<br>Cruz de San Andres<br>Long aproximada de Fleje 4771 |

| REGION ELEMENTOS EN PLANTA | |
|---|---|
| 🟩 Transparencia 50% | Region Puerta |
| 🟪 Transparencia 50% | Region Ventana |
| 🟦 Transparencia 50% | Region Cruz San Andres |
| 🟧 Transparencia 50% | Region Cubierta |
| 🟩 Transparencia 20% | Region Escaleras/Soportes |

### NOTAS TECNICAS

#### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

#### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

#### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

### NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

ESCALA DE IMPRESIÓN
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FORMATO A1

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

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Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingeniería

OBRA

**CEDI YOLOMBO**

CONTENIDO DEL PLANO

**PLANTA DE**
**CUBIERTA**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**

MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| REVISIONES | VERSION | FECHA |
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| DETALLE DE ESCALERA | 01 | 11/12/25 |
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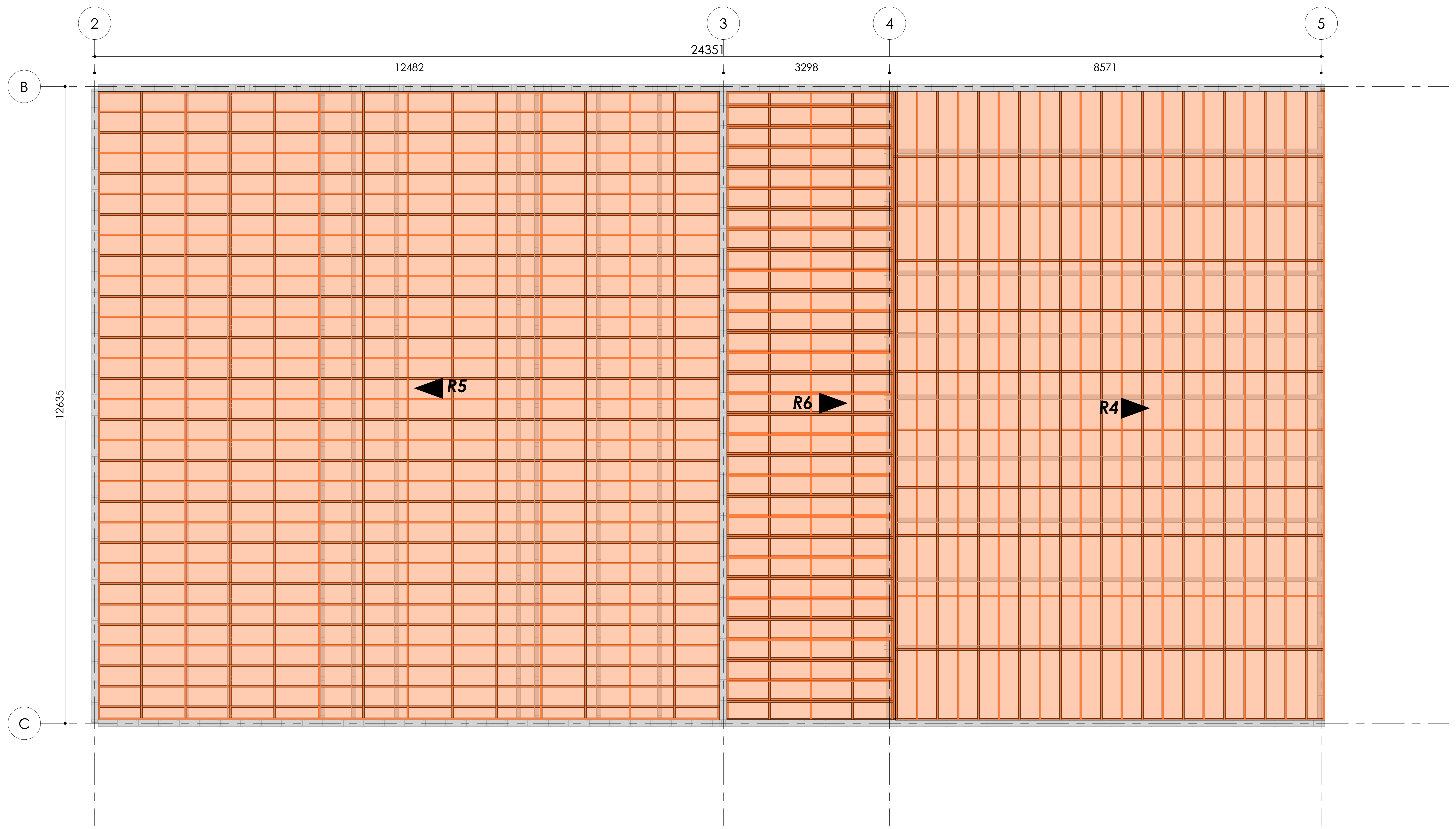
FECHA: **11/12/2025**

ESCALA: **1 : 50**

ARCHIVO: **CEDI YOLOMBO**

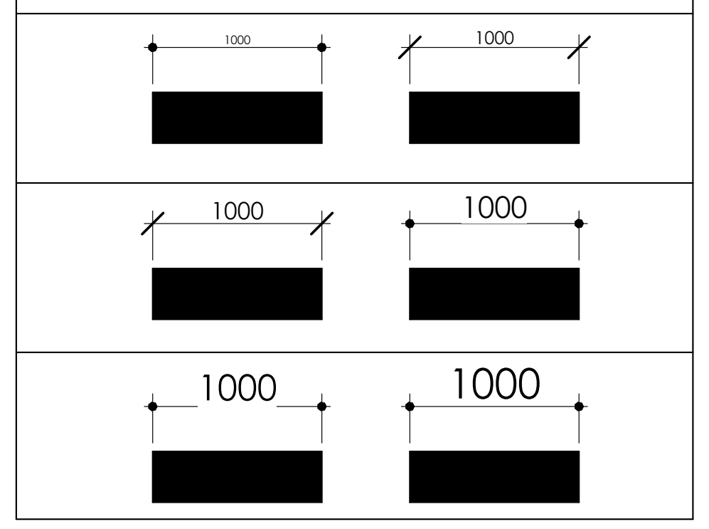
PLANO: **105**



## PLANTA DE CUBIERTA 2

| TIPOGRAFÍA Y TAMAÑOS |
|---|
| CFM_CENTURY 1.5mm |
| CFM_CENTURY 2.0mm |
| CFM_CENTURY 2.5mm |
| CFM_CENTURY 3.0mm |
| **CFM_CENTURY 3.0mm - Negrita** |
| CFM_CENTURY 4.0mm |
| **CFM_CENTURY 4.0mm - Negrita** |
| **CFM_CENTURY 5.0mm - Negrita** |

REGION ELEMENTOS EN PLANTA



| ANOTATIVOS | |
|---|---|
| **VENTANA** | H. DINTEL<br>ALTO X ANCHO |
| **PUERTA** | ALTO X ANCHO |
| **CRUZ** | Cruz de San Andres x2 Long aproximada de cada Fleje 5745<br>Cruz de San Andres Long aproximada de cada Fleje 4147 y 4303<br>Cruz de San Andres Long aproximada de Fleje 4771 |

| REGION ELEMENTOS EN PLANTA | |
|---|---|
| 🟩 Transparencia 50% | Region Puerta |
| 🟪 Transparencia 50% | Region Ventana |
| 🟦 Transparencia 50% | Region Cruz San Andres |
| 🟧 Transparencia 50% | Region Cubierta |
| 🟩 Transparencia 20% | Region Escaleras/Soportes |

NOTAS TECNICAS

ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

**CONVERGE CONSTRUCTORES S.A.S**

OBRA

**CEDI YOLOMBO**

CONTENIDO DEL PLANO

**PLANTA DE CUBIERTA 2**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**

MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

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| DETALLE DE ESCALERA | 01 | 11/12/25 |
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FECHA: **11/12/2025**

ESCALA: **1 : 50**

ARCHIVO: **CEDI YOLOMBO**

PLANO: **106**

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1000:1
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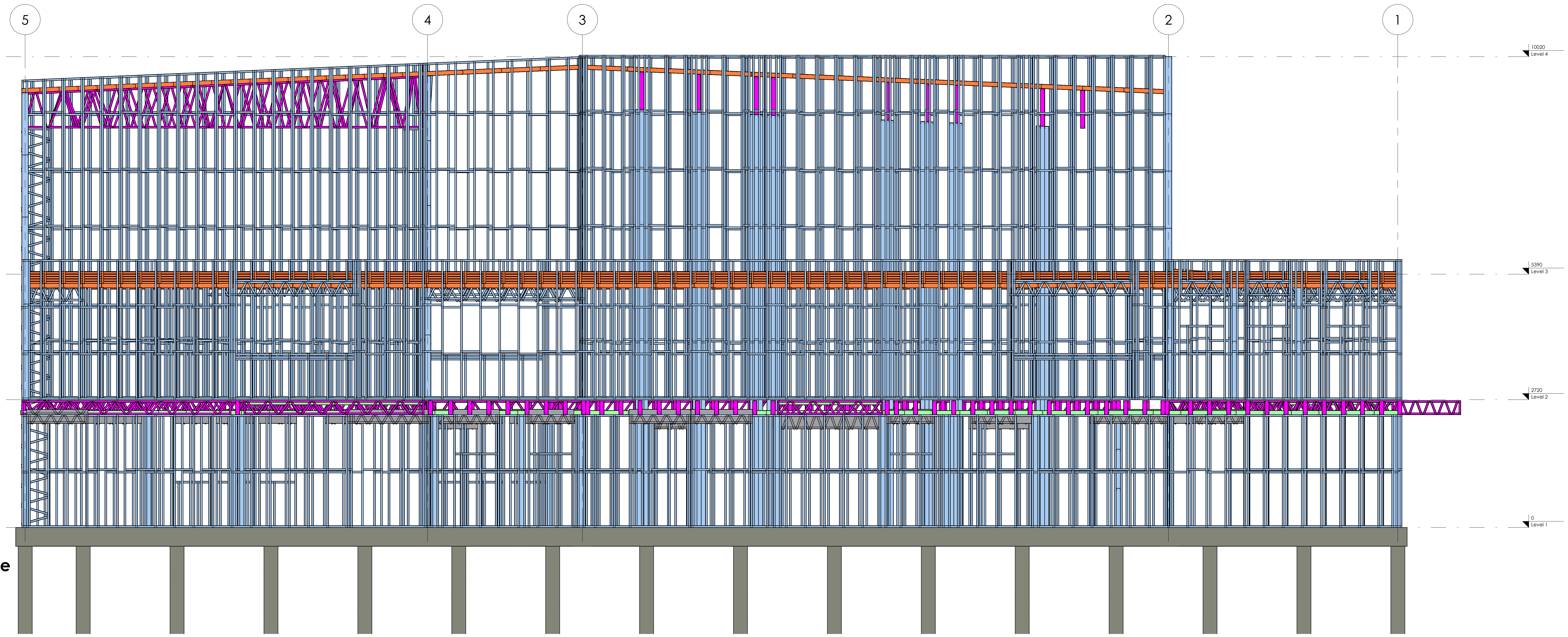

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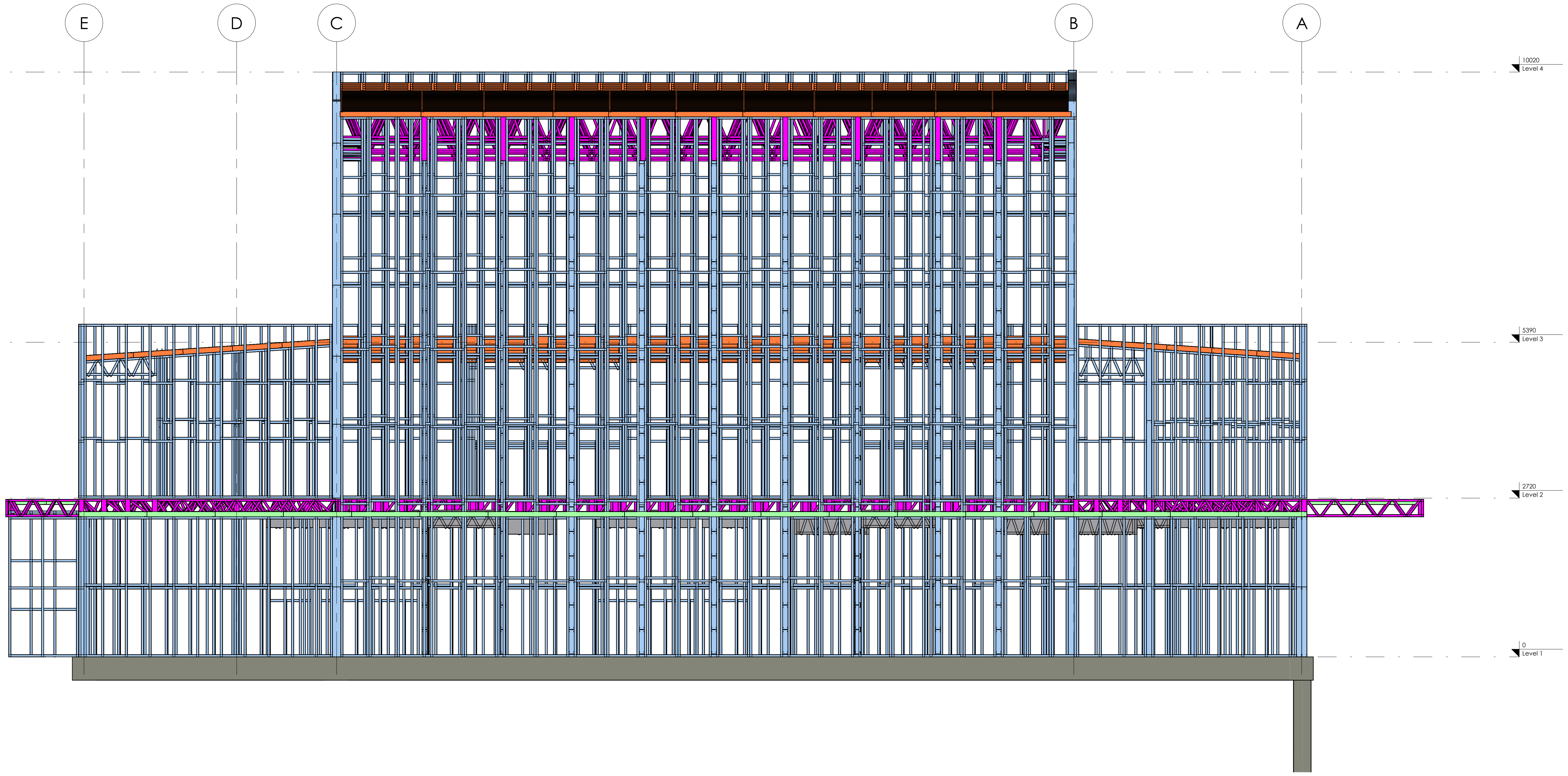

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1000:1
FORMATO A1

## NOTAS TECNICAS

### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

## NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
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- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

**CONVERGE CONSTRUCTORES S.A.S**

OBRA
**CEDI YOLOMBO**

CONTENIDO DEL PLANO
**ELEVACIONES**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**
MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

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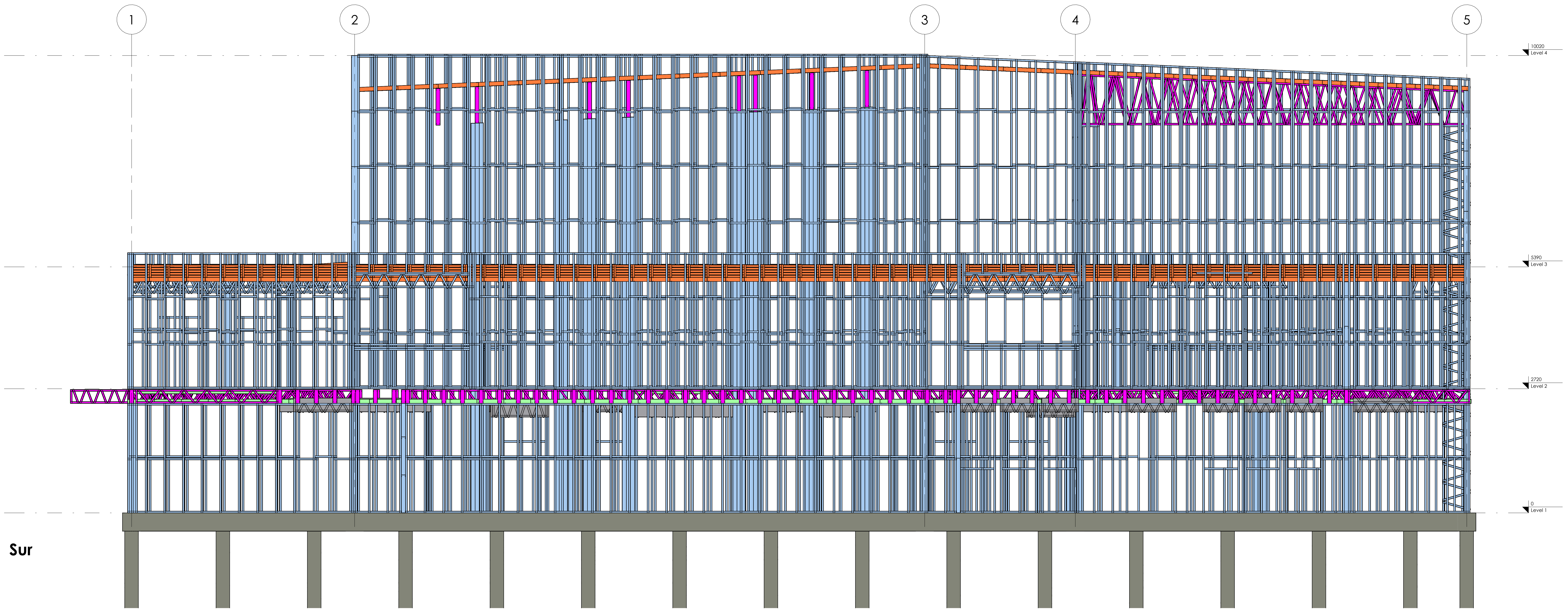
FECHA: **11/12/2025**

ESCALA: **1 : 50**

PLANO: **201**

ARCHIVO: **CEDI YOLOMBO**



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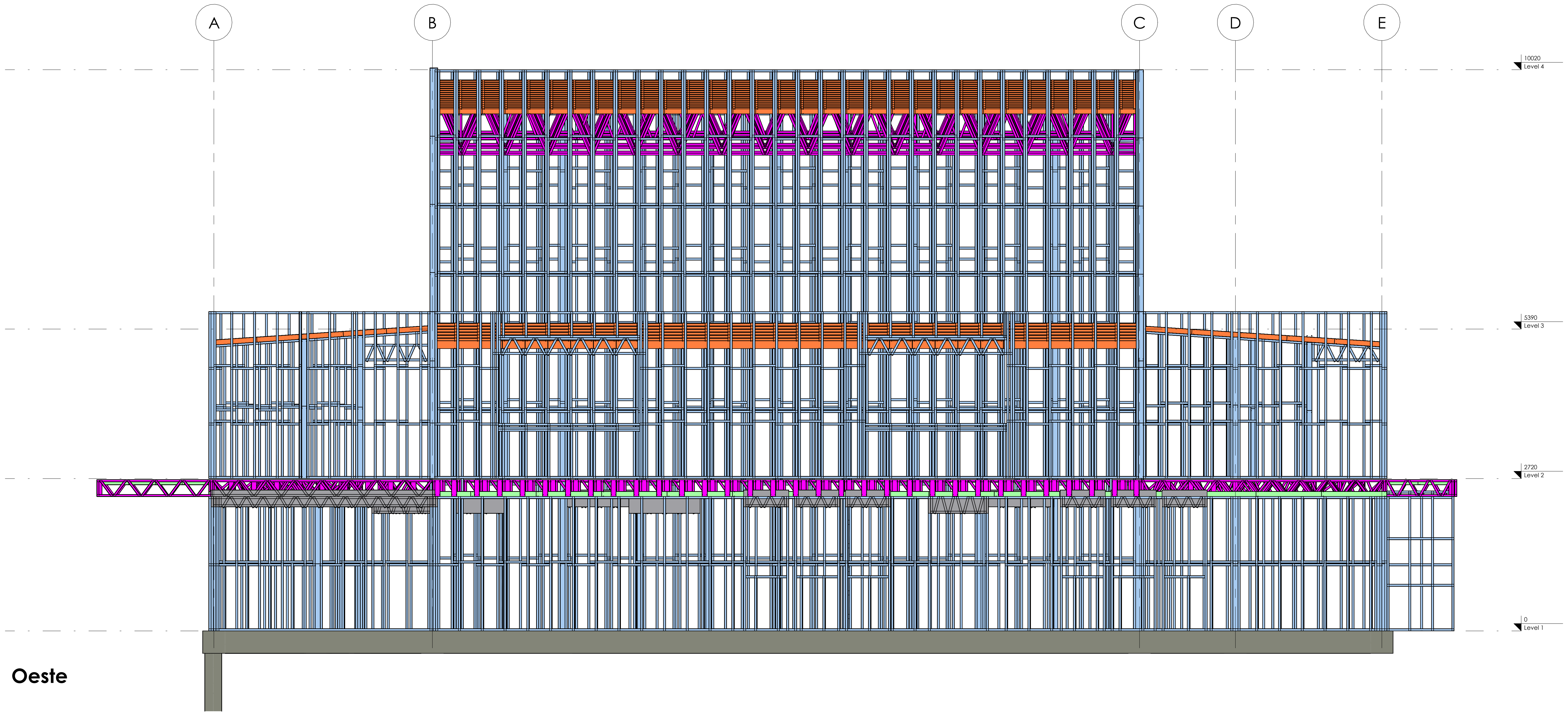

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FORMATO A1

## NOTAS TECNICAS

### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: | A.2.4-1 NSR-10 |
| D | |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) | |
| A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) | |
| A.2.3-2 NSR10: | 0.20 |

## NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

CONSULTOR:

CONVERGE

CONVERGE CONSTRUCTORES S.A.S

LIENZO
ingenieria

OBRA
**CEDI YOLOMBO**

CONTENIDO DEL PLANO
**ELEVACIONES**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**
MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

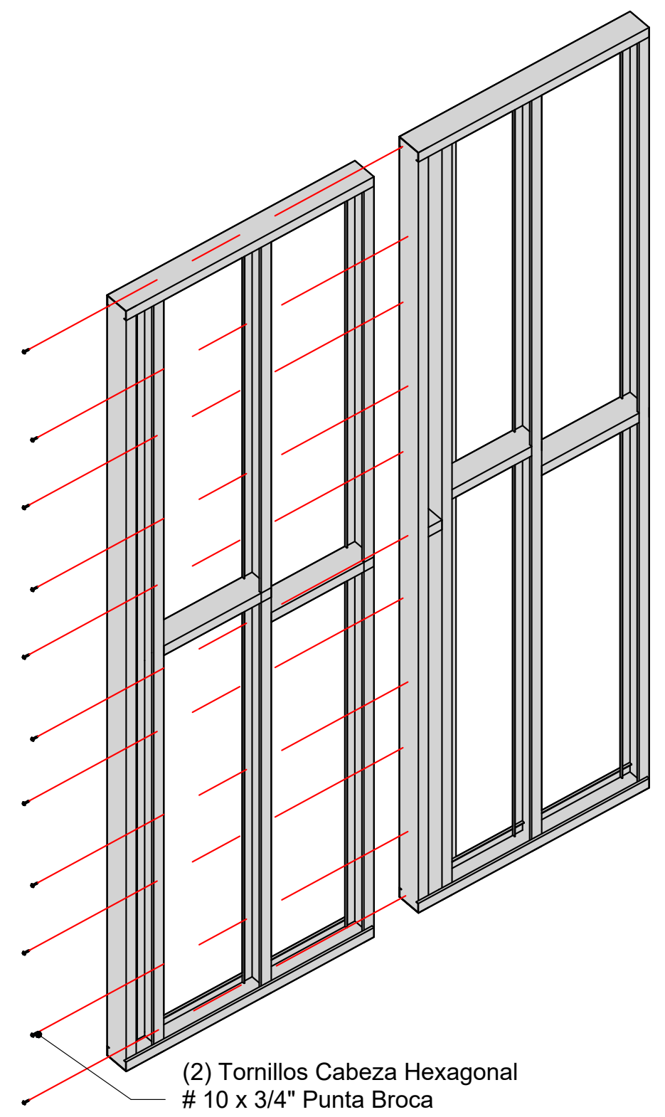
| REVISIONES | VERSION | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/25 |
| | | |
| | | |
| | | |

FECHA: **11/12/2025**

ESCALA: **1 : 50**

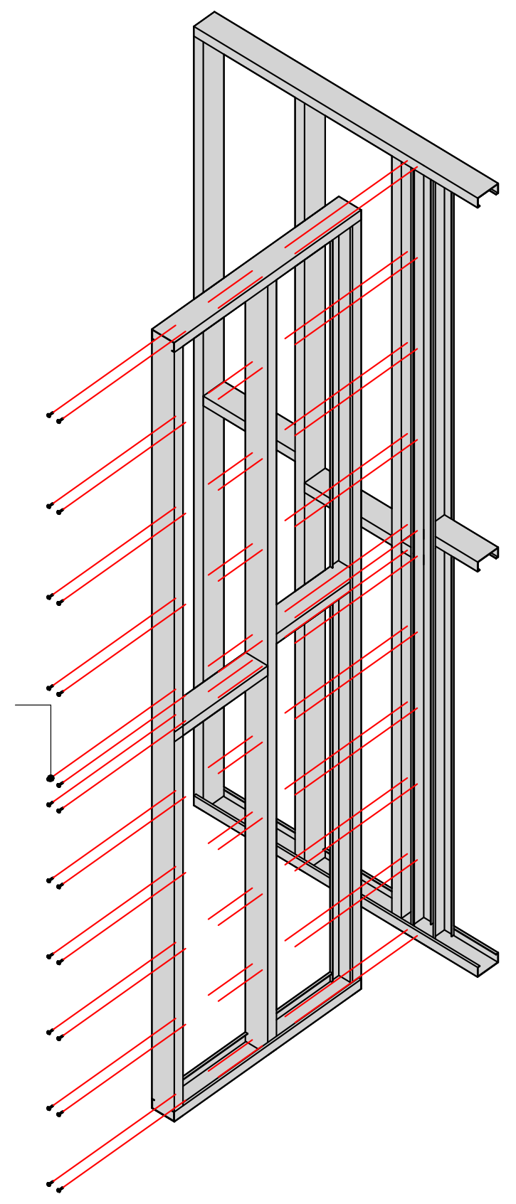
ARCHIVO: **CEDI YOLOMBO**

PLANO: **202**


(2) Tornillos Cabeza Hexagonal
# 10 x 3/4" Punta Broca
Cada 300 mm

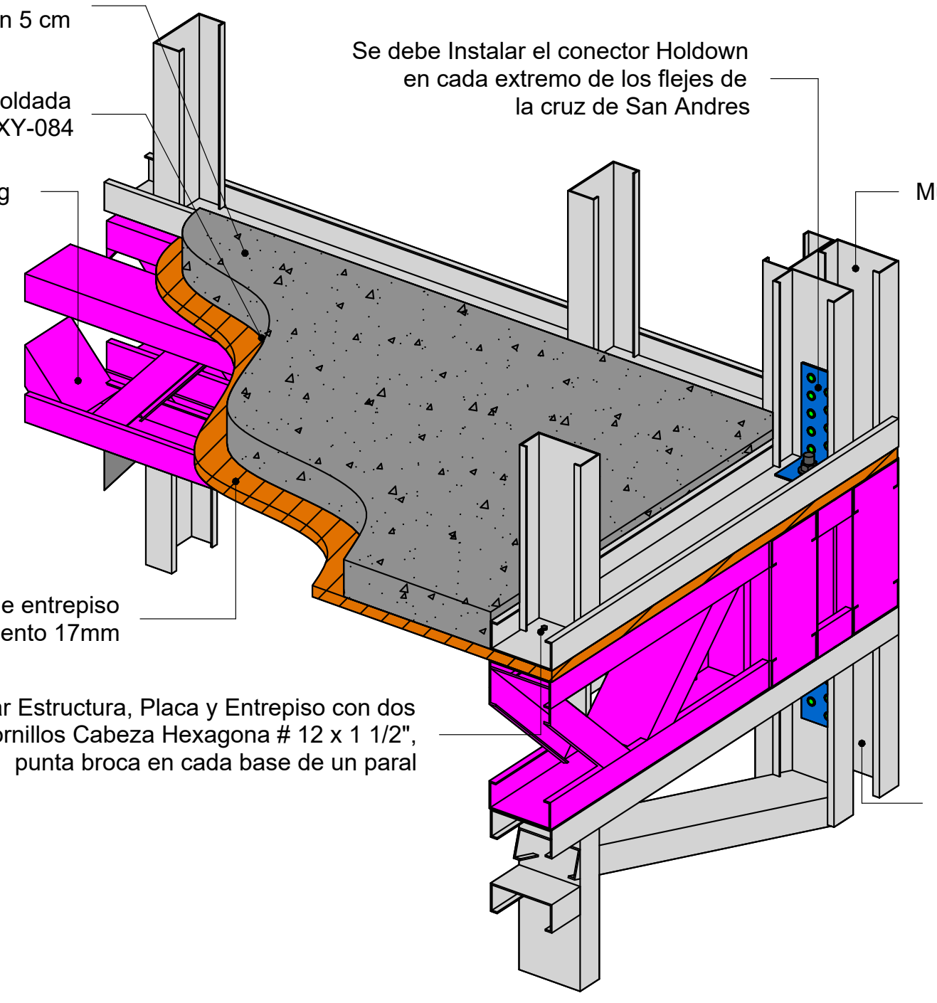
## FIJACION MURO PARALELO

La distancia entre centros de tornillos es de 150mm máximo en la disposición mostrada y la distancia entre tornillo y borde de la superfice de 1.5Ø minimo


(2) Tornillos Cabeza Hexagonal
# 10 x 3/4" Punta Broca
en cada travesaño

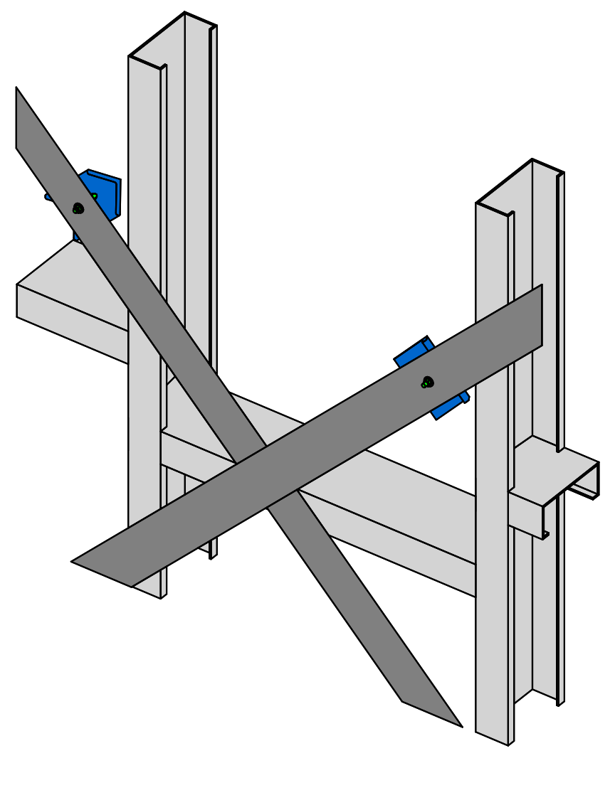
La distancia entre centros de tornillos es de 3Ø minimo y la distancia entre tornillo y borde de la superfice de 1.5Ø minimo

## FIJACION MURO PERPENDICULAR

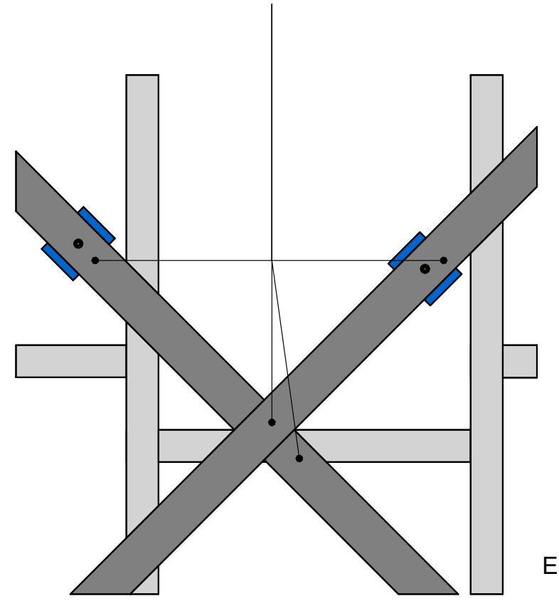

Mortero de nivelacion 5 cm
Malla electrosoldada XY-084
Entrepiso Steel Framing
Se debe Instalar el conector Holdown en cada extremo de los flejes de la cruz de San Andres
Muro Steel Framing
Placa de entrepiso Fibrocemento 17mm
Fijar Estructura, Placa y Entrepiso con dos Tornillos Cabeza Hexagona # 12 x 1 1/2", punta broca en cada base de un paral
Muro Steel Framing

## FIJACION MUROS - ENTREPISO STEEL FRAMING

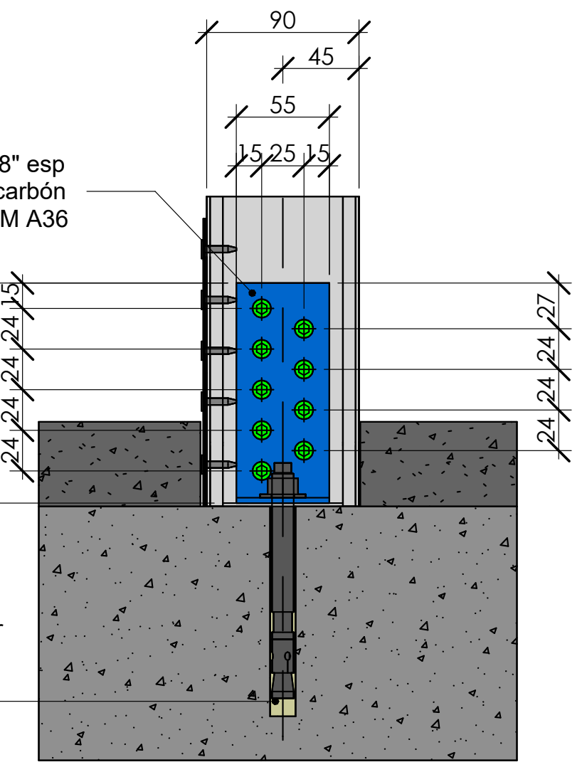
ESCALA 1:10

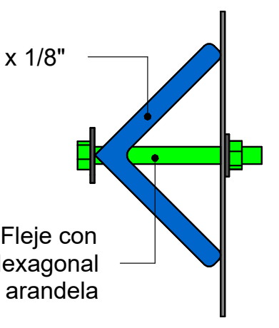


- No se deben fijar los dos flejes en su intersección.
- No se deben fijar el fleje y los montantes intermedios en sus diferentes intersecciones. Solo deben Fijarse a la estructura por medio de las cartelas.

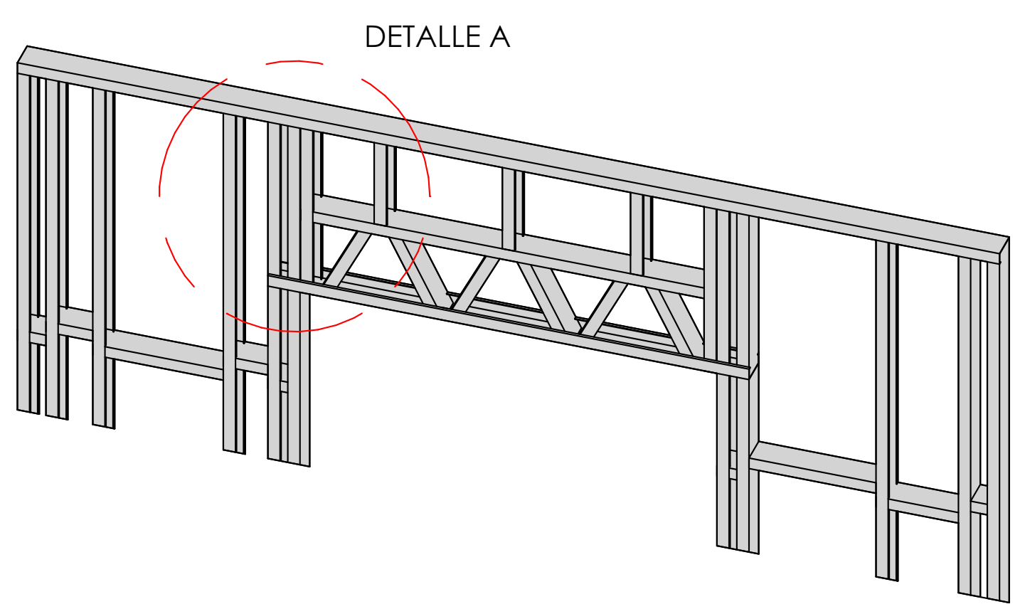


ESC: 1:10

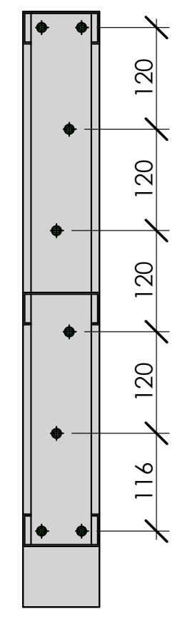

90
45
55
15 25 15
Platina de 130x55x1/8" esp
Material: Acero al carbón
ASTM A36
130
15
24
24
24
24
27
24
24
24
Utilizar junto con anclaje
epóxico tipo
Hilti HIT-RE500 V3 o similar


Tensor en angulo de 1 1/2" x 1 1/2" x 1/8"
Tensionar el Angulo al Fleje con
Tornillo Cabeza Hexagonal
de 3/16" x 2" con Tuerca y arandela

ESC: 1:2



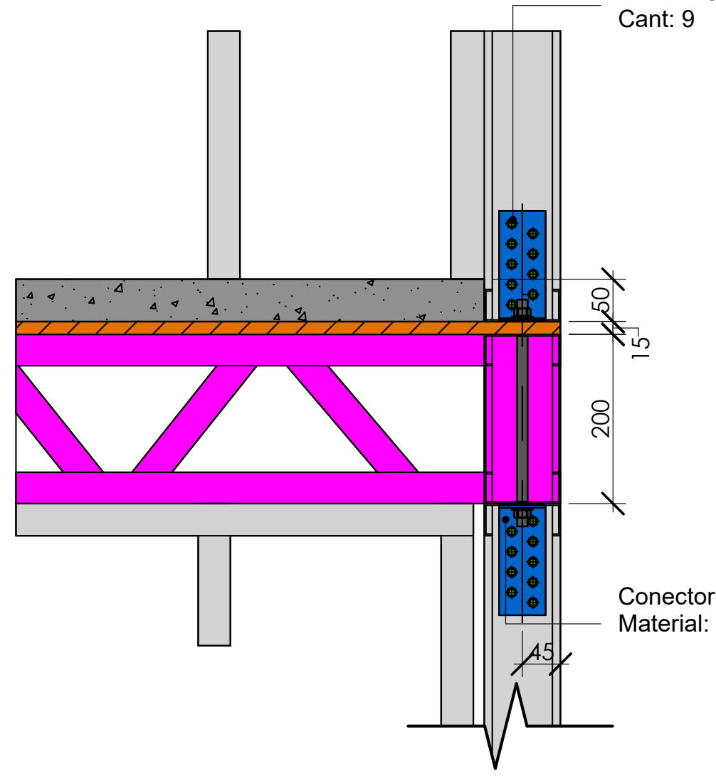
## DETALLE FIJACION DINTEL A ESTRUCTURA

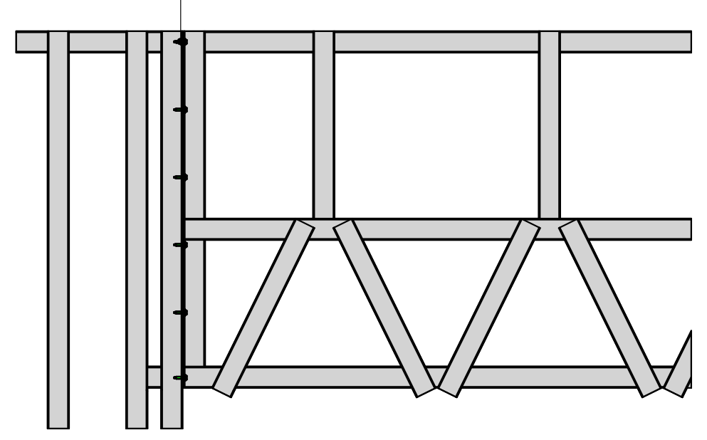

120
120
120
120
116

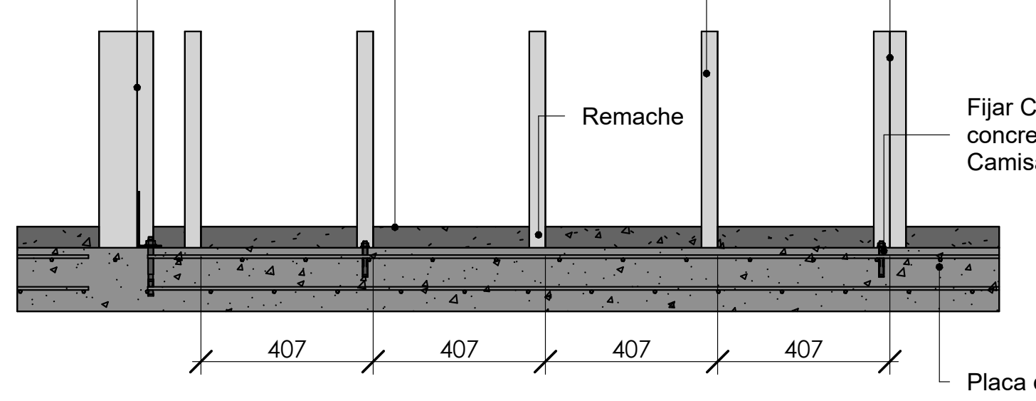
## DETALLE A

ESCALA 1:15

La distancia entre centros de tornillos es de 3Ø minimo y la distancia entre tornillo y borde de la superfice de 1.5Ø minimo

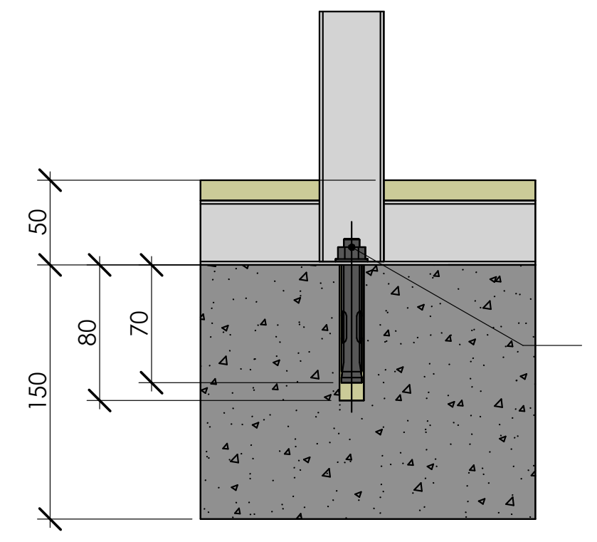

Fijar el Conector Holdown a la estructura con
Tornillo Cabeza Hexagonal # 10 x 3/4", Punta Broca
Cant: 9
50
15
200
45
Conector Holdown
Material: Acero al carbón ASTM A36


Fijar Dintel a Estructura con tornillos
Cabeza Hexagonal # 10 x 3/4" Punta Broca
Separados entre 120 - 150 mm cada cada uno y en la
disposición como se muestra en los detalle


Para la unión de Paneles debe utilizarse
Tornillo Cabeza Hexagonal
# 10 x 3/4", Punta Broca
Canal Base
Paral Colframe
Paral Back to Back
Ver Detalle en la
parte Inferior
Remache
Fijar Canal Base a placa de
concreto con Anclaje Metálico tipo
Camisa de 1/2" x 3" cada 1220 mm
407
407
407
407
Placa de concreto

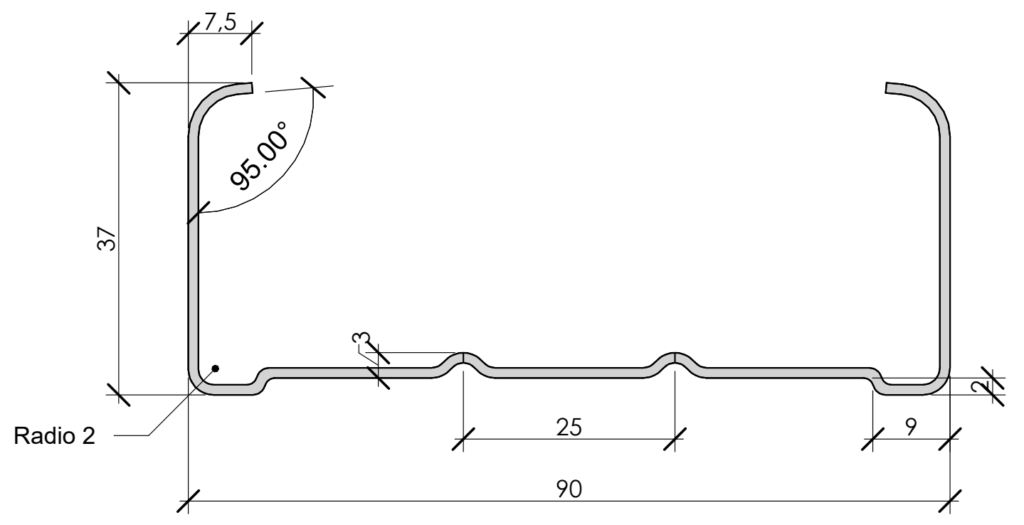
## DETALLE GENERAL DE MODULACION EN MURO ESTRUCTURAL Y ANCLAJES

ESCALA 1:20


50
80
70
150
Anclaje metálico Tipo
Camisa de 1/2" x 3"

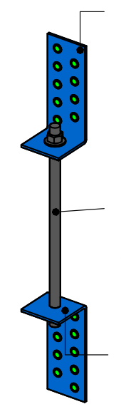
## DETALLE FIJACION DE ESTRUCTURA A LOSA CIMENTACION

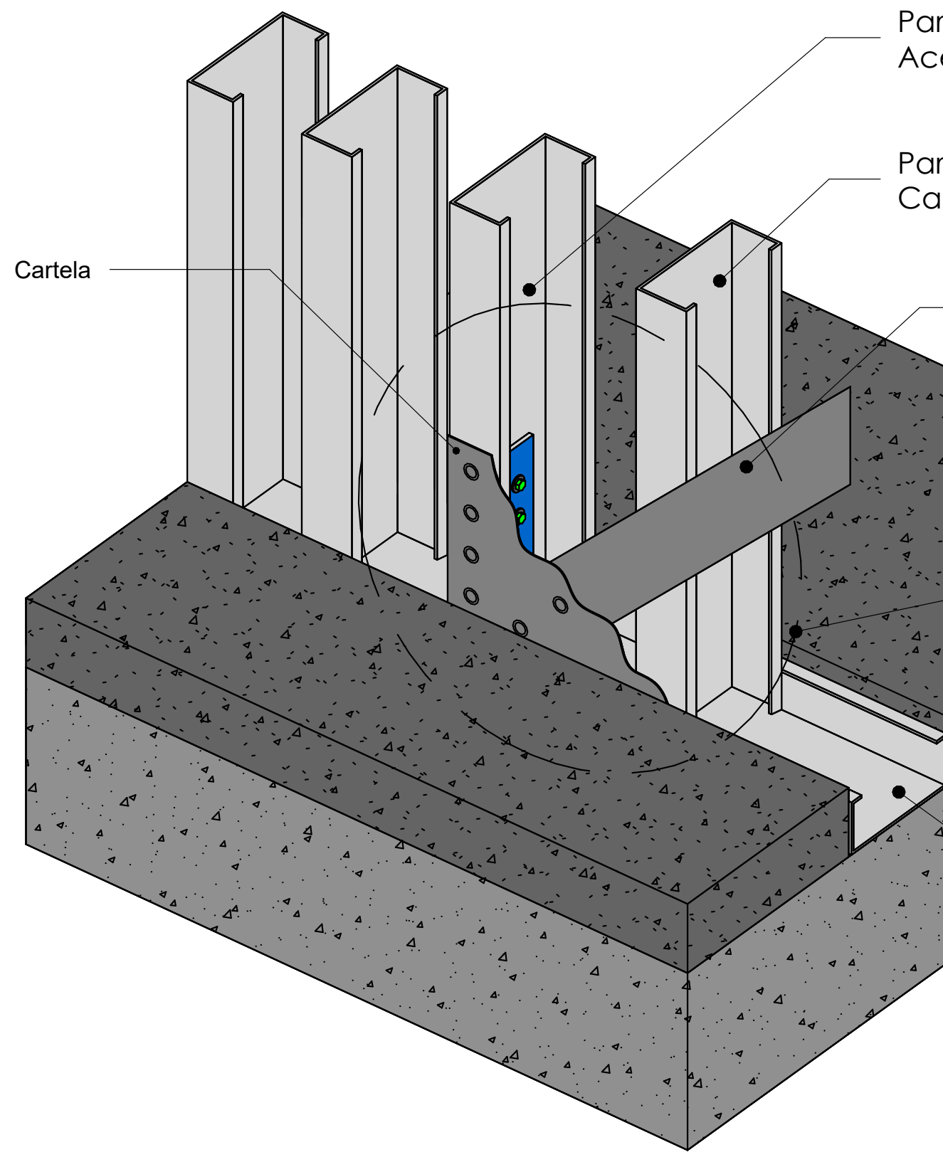
ESCALA 1:5

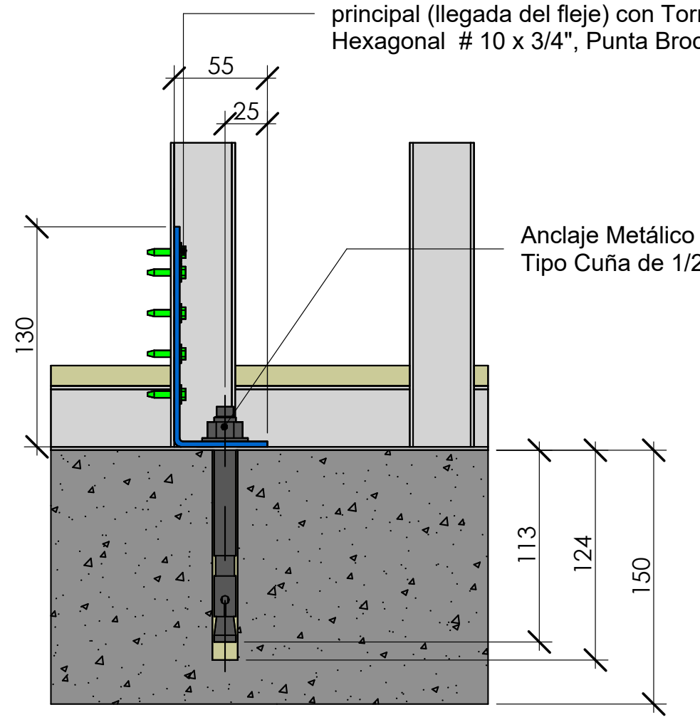

7.5
95.00°
37
3
25
9
Radio 2
90

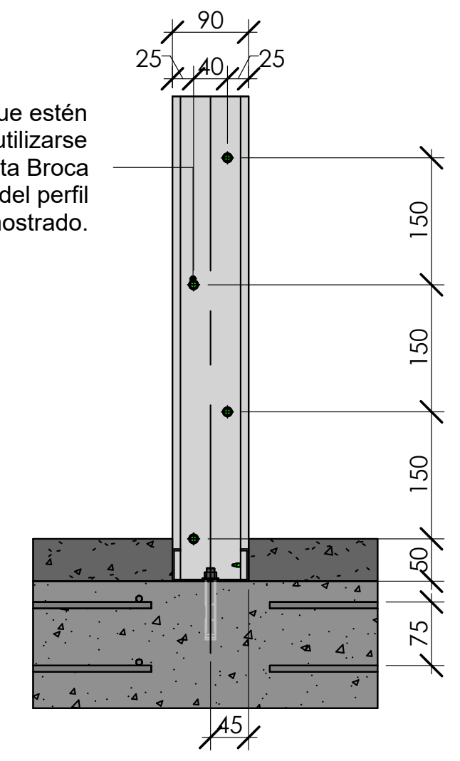
## DIMENSIONES PERFIL COLFRAME TIPO PGC 90-37

ESCALA 1:1


Conector Holdown
Varilla de Anclaje
1/2" x 270 mm long
Material: Grado 55
ASTM F1554
Conector Holdown

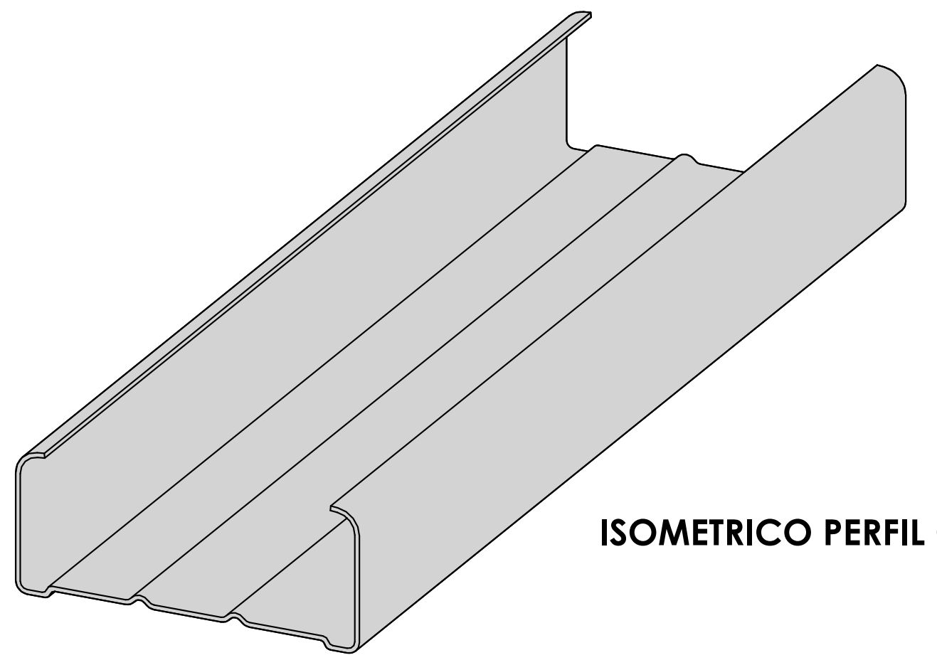

Paral Montante Principal
Acero ASTM
Paral Acero Galvanizado
Calibre 20
Cartela
Fleje en Lamina Galvanizada
Cimentación
El Conector Holdown no se debe instalar en un montante distinto al que llega el fleje de la cruz de san andres
Canal Base
Acero Galvanizado


Fijar el Conector Holdown al perfil montante
principal (llegada del fleje) con Tornillo Cabeza
Hexagonal # 10 x 3/4", Punta Broca Cant: 9
55
25
130
Anclaje Metálico
Tipo Cuña de 1/2" x 5 1/2"
113
124
150


Para la unión de Paneles con perfiles que estén
Back To Back (espalda con espalda debe utilizarse
Tornillo Cabeza Hexagonal # 10 x 3/4", Punta Broca
cada 150 mm en toda la longitud del perfil
y en la posición indicada como es mostrado.
90
25
40
25
150
150
150
50
75
45

## DETALLE FIJACION DE PARALES BACK TO BACK

ESCALA 1:10



## ISOMETRICO PERFIL COLFRAME

### NOTAS TECNICAS

#### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

#### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

#### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

### NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

CIUDAD DE YOLOMBÓ
1560

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael Yolombó Transformando vidas

**HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO ingeniería

OBRA

**CEDI YOLOMBO**

CONTENIDO DEL PLANO

**DETALLE 1**

DISEÑO: **ING. CESAR CORDOBA**

DIBUJO: **JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**

MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

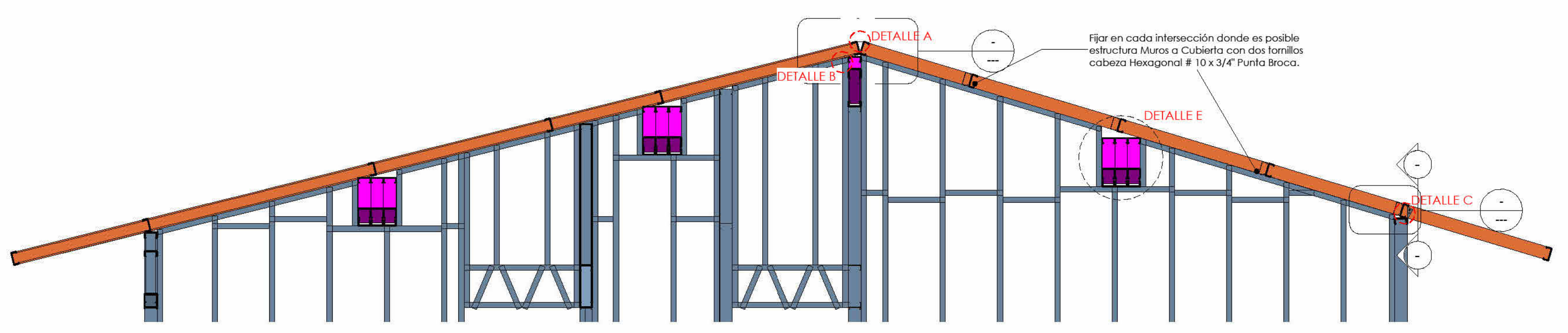
| REVISIONES | VERSION | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/25 |
| | | |
| | | |
| | | |
| | | |

FECHA: **11/12/2025**

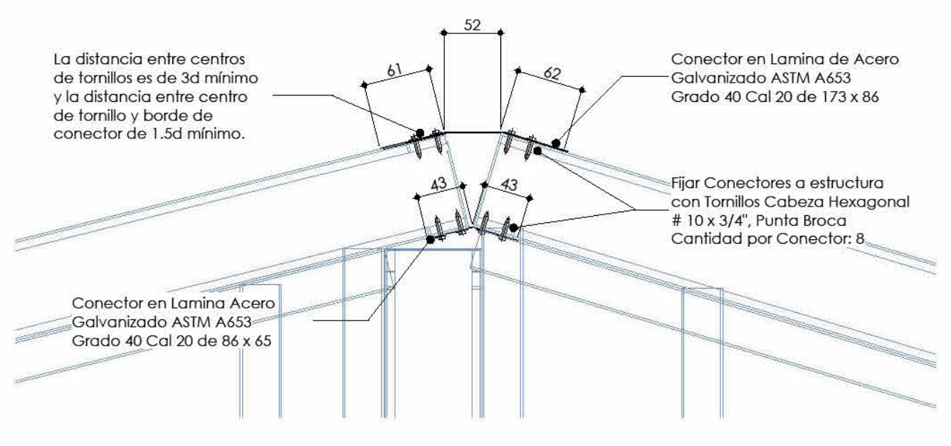
ESCALA: **As indicated**

PLANO: **301**

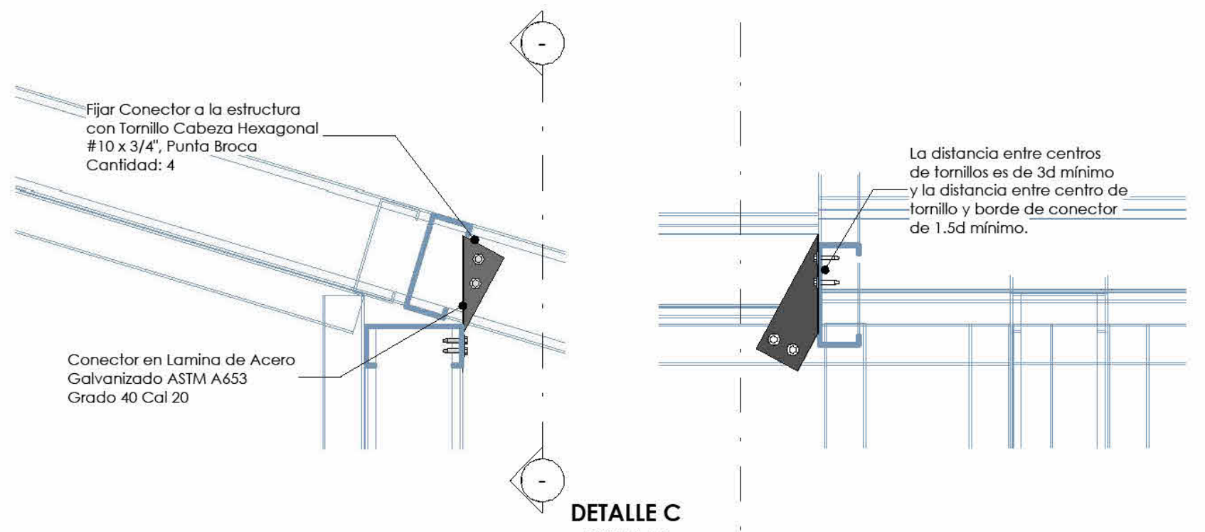
ARCHIVO: **CEDI YOLOMBO**


DETALLE A
DETALLE B
DETALLE E
DETALLE C
Fijar en cada intersección donde es posible estructura Muros a Cubierta con dos tornillos cabeza Hexagonal # 10 x 3/4" Punta Broca.

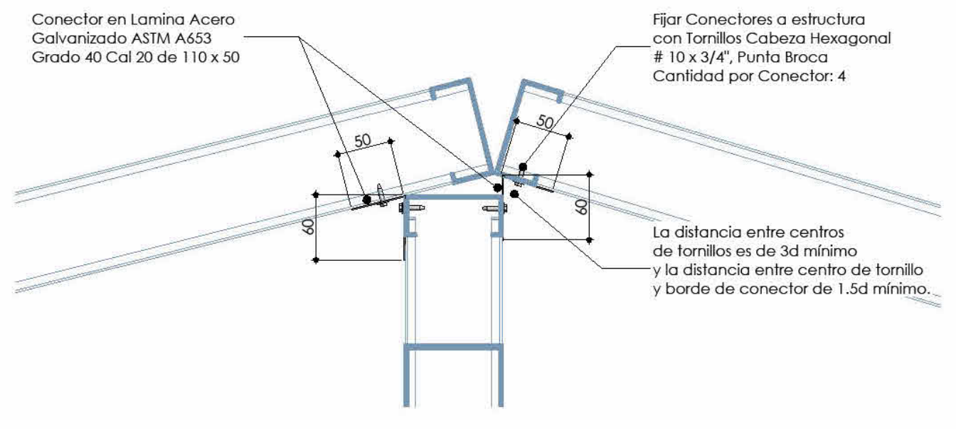
**FIJACION DE CUBIERTA A ESTRUCTURA Y UNIONES DE VIGAS**
ESCALA 1:5


La distancia entre centros de tornillos es de 3d mínimo y la distancia entre centro de tornillo y borde de conector de 1.5d mínimo.
52
61
62
43
43
Conector en Lamina de Acero Galvanizado ASTM A653 Grado 40 Cal 20 de 173 x 86
Fijar Conectores a estructura con Tornillos Cabeza Hexagonal # 10 x 3/4", Punta Broca Cantidad por Conector: 8
Conector en Lamina Acero Galvanizado ASTM A653 Grado 40 Cal 20 de 86 x 65

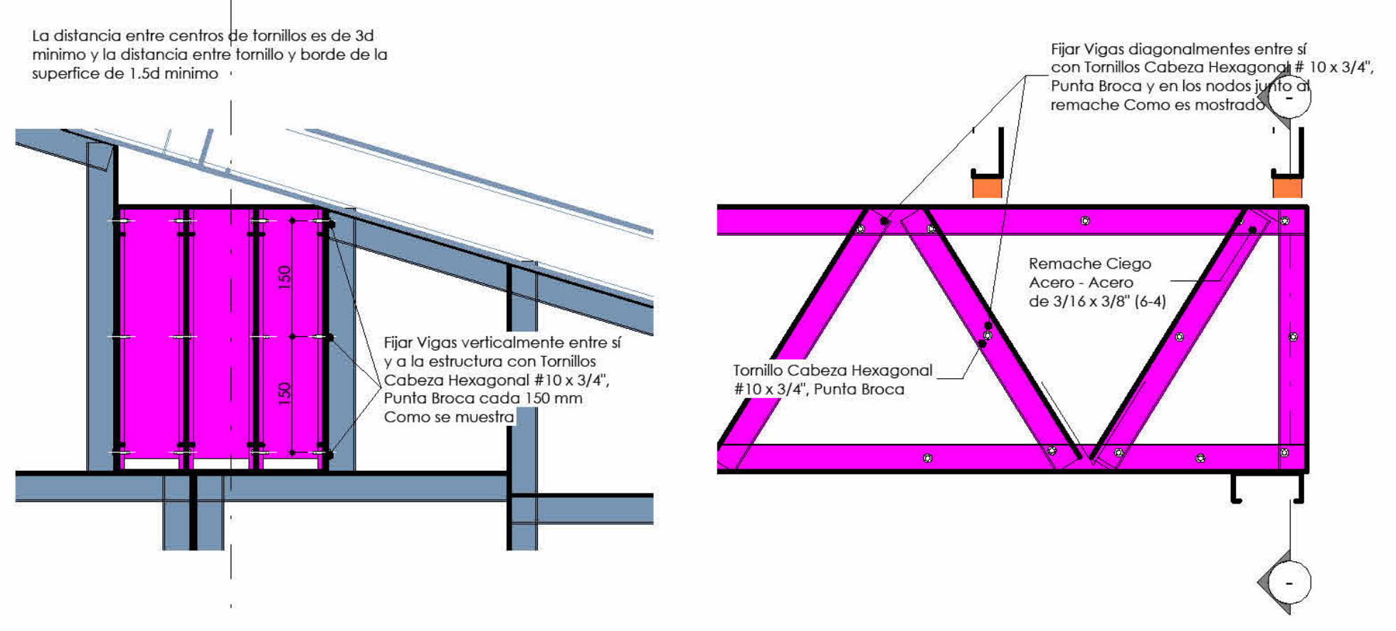
**DETALLE A**
ESCALA 1:5


Fijar Conector a la estructura con Tornillo Cabeza Hexagonal #10 x 3/4", Punta Broca Cantidad: 4
Conector en Lamina de Acero Galvanizado ASTM A653 Grado 40 Cal 20
La distancia entre centros de tornillos es de 3d mínimo y la distancia entre centro de tornillo y borde de conector de 1.5d mínimo.

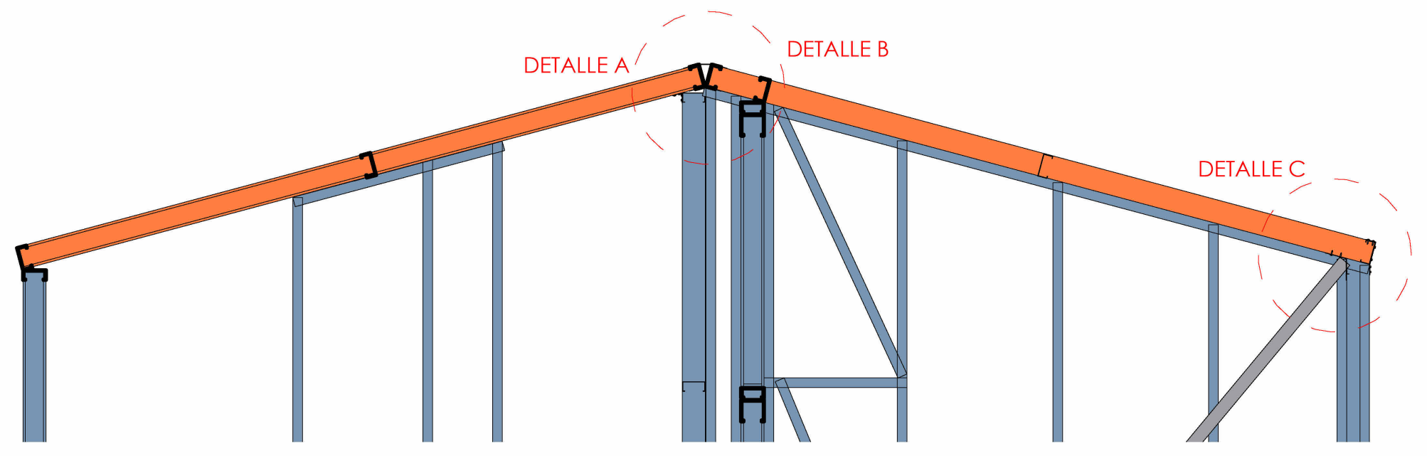
**DETALLE C**
ESCALA 1:5


Conector en Lamina Acero Galvanizado ASTM A653 Grado 40 Cal 20 de 110 x 50
Fijar Conectores a estructura con Tornillos Cabeza Hexagonal # 10 x 3/4", Punta Broca Cantidad por Conector: 4
50
50
60
60
La distancia entre centros de tornillos es de 3d mínimo y la distancia entre centro de tornillo y borde de conector de 1.5d mínimo.

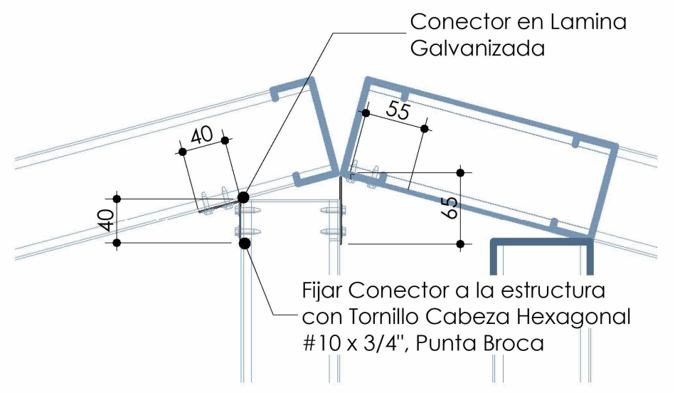
**DETALLE B**
ESCALA 1:5


La distancia entre centros de tornillos es de 3d minimo y la distancia entre tornillo y borde de la superfice de 1.5d minimo
150
150
Fijar Vigas verticalmente entre sí y a la estructura con Tornillos Cabeza Hexagonal #10 x 3/4", Punta Broca cada 150 mm Como se muestra
Fijar Vigas diagonalmentes entre sí con Tornillos Cabeza Hexagonal # 10 x 3/4", Punta Broca y en los nodos junto al remache Como es mostrado
Remache Ciego Acero - Acero de 3/16 x 3/8" (6-4)
Tornillo Cabeza Hexagonal #10 x 3/4", Punta Broca

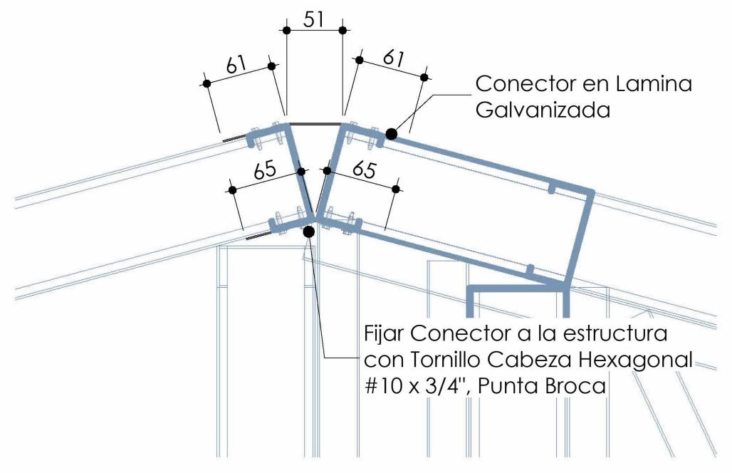
**DETALLE D**
ESCALA 1:7


DETALLE A
DETALLE B
DETALLE C

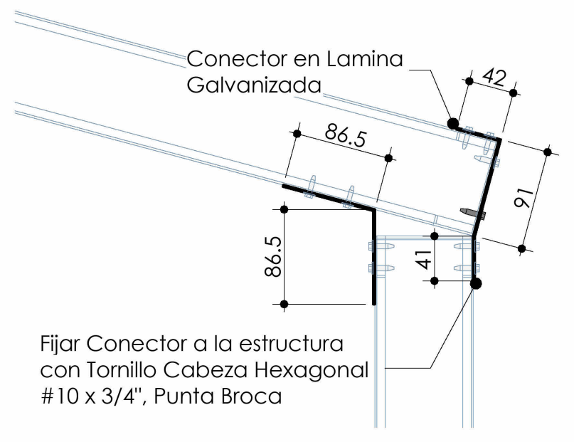
**FIJACION CUBIERTA**
ESCALA 1:30


Conector en Lamina Galvanizada
40
55
40
65
Fijar Conector a la estructura con Tornillo Cabeza Hexagonal #10 x 3/4", Punta Broca

**DETALLE A**
ESCALA 1:7

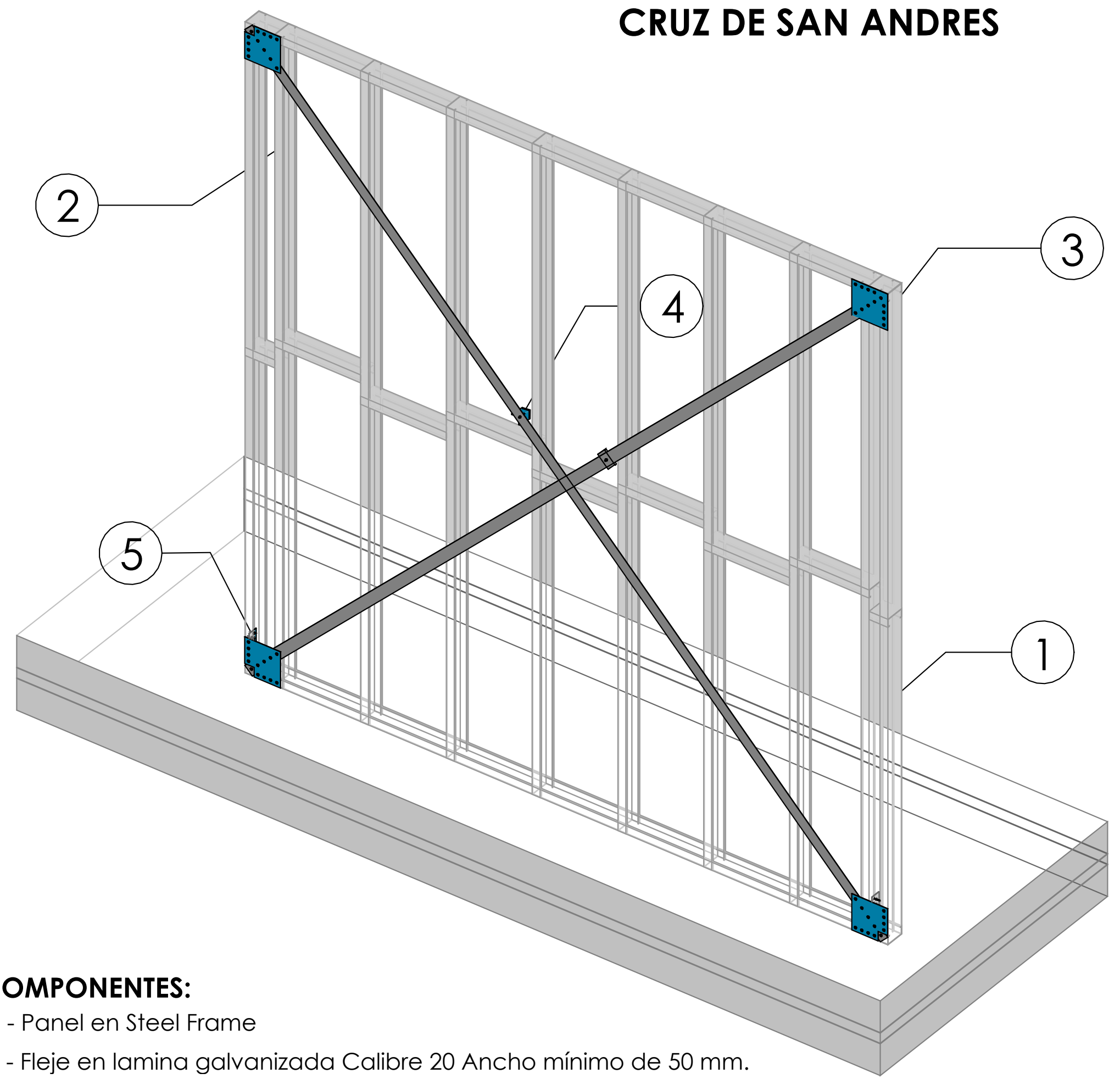

51
61
61
65
65
Conector en Lamina Galvanizada
Fijar Conector a la estructura con Tornillo Cabeza Hexagonal #10 x 3/4", Punta Broca

**DETALLE B**
ESCALA 1:7


Conector en Lamina Galvanizada
42
86.5
91
86.5
41
Fijar Conector a la estructura con Tornillo Cabeza Hexagonal #10 x 3/4", Punta Broca

**DETALLE C**
ESCALA 1:7

## SISTEMA DE RIDIGIZACION DE PANELES
## CRUZ DE SAN ANDRES



**COMPONENTES:**

01 - Panel en Steel Frame
02 - Fleje en lamina galvanizada Calibre 20 Ancho mínimo de 50 mm.
Su longitud es indicada en el plano de Planta de muros.
03 - Cartela
04 - Tensor
05 - Conector Sismico Holdown

**NOTAS:**

- Los flejes deben tensarse posterior al armado de toda la estructura.
- Cada fleje llevará minimo un tensor para completar el sistema de arriostramiento.
- Los flejes se fijan a las cartelas y las cartelas a la estructura mediante tornillos cabeza lenteja #8 x 3/4".
- Para los arriostramientos horizontales de la estructura se utilizará la "Cruz de SanAndres" compuesto por dos flejes en acero galvanizado en forma de "X".

ESCALA DE IMPRESIÓN
1000:1
FORMATO A1

### NOTAS TECNICAS

#### ESPECIFICACIONES DE MATERIALES

- Resistencia Losa: f'c=21 MPa
- Malla electrosoldada: FY=490 MPa
- Barras de refuerzo en elementos de concreto ASTM A706 - ASTM A615
- Acero: ASTM A653 Grado 50
- Elementos tipo hold downs y platinas de conexion y placa base ASTM A36
- Laminas galvanizadas: ASTM A653 Grado 50
- Tornilleria autoperforante ASTM C1513
- Pernos de anclaje ASTM F1554 Grado 55
- Anclaje epoxico Hilti HIT-RE500 V3 o similar

#### ESPECIFICACIONES DEL DISEÑO (NRS-10)

- Carga muerta de cubierta : 35 kgf/m2
- Carga viva de cubierta : 50 kgf/m2
- Carga viva granizo: 100 kgf/m2
- Carga muerta residencial: 340 kgf/m2
- Carga viva residencial: 180 kgf/m2
- Zona de amenaza sísmica = INTERMEDIA
- Coeficiente de irregularidad: Φrx=1.00, Φry=1.00
- Capacidad de disipación de energía: Moderada (DMO)
- Coeficiente de disipación de energía: R0=3.00, RX=3.00, RY=3.00
- Sistema estructural: Entramado de muros de cortante en perfiles formados en frio

#### ESPECIFICACIONES GEOTÉCNICAS

| | |
|---|---|
| - Amenaza Sismica: | A.2.3-2 NSR-10 |
| Riesgo sísmico: | INTERMEDIO |
| - Perfil del suelo: D | A.2.4-1 NSR-10 |
| - Grupo de uso: | III = 1.25 |
| - Aa (coheficiente de aceleracion) A.2.3-2 NSR10: | 0.15 |
| - Av (coheficiente de velocidad horizontal) A.2.3-2 NSR10: | 0.20 |

### NOTAS GENERALES

- Todos los elementos de anclaje a los elementos preexistentes son especificiaciones y recomendaciones no vinculantes cuya responsabilidad reposa en el constructor.
- No tomar medidas a escala de este plano.
- Cualquier cambio en estos diseños deben ser calculados con el Ingeniero Calculista.
- Cualquier plano del proyecto debe leerse conjuntamente con este plano.
- Todas las medidas en mm; a no ser que se indique lo contrario

CIUDAD DE YOLOMBÓ
1560

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA
**CEDI YOLOMBO**

CONTENIDO DEL PLANO
**DETALLES 2**

DISEÑO:
**ING. CESAR CORDOBA**

DIBUJO:
**JORDAN RENTERIA**

FIRMA:

**ING. CESAR CORDOBA**
MATRICULA: 011037 - 0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

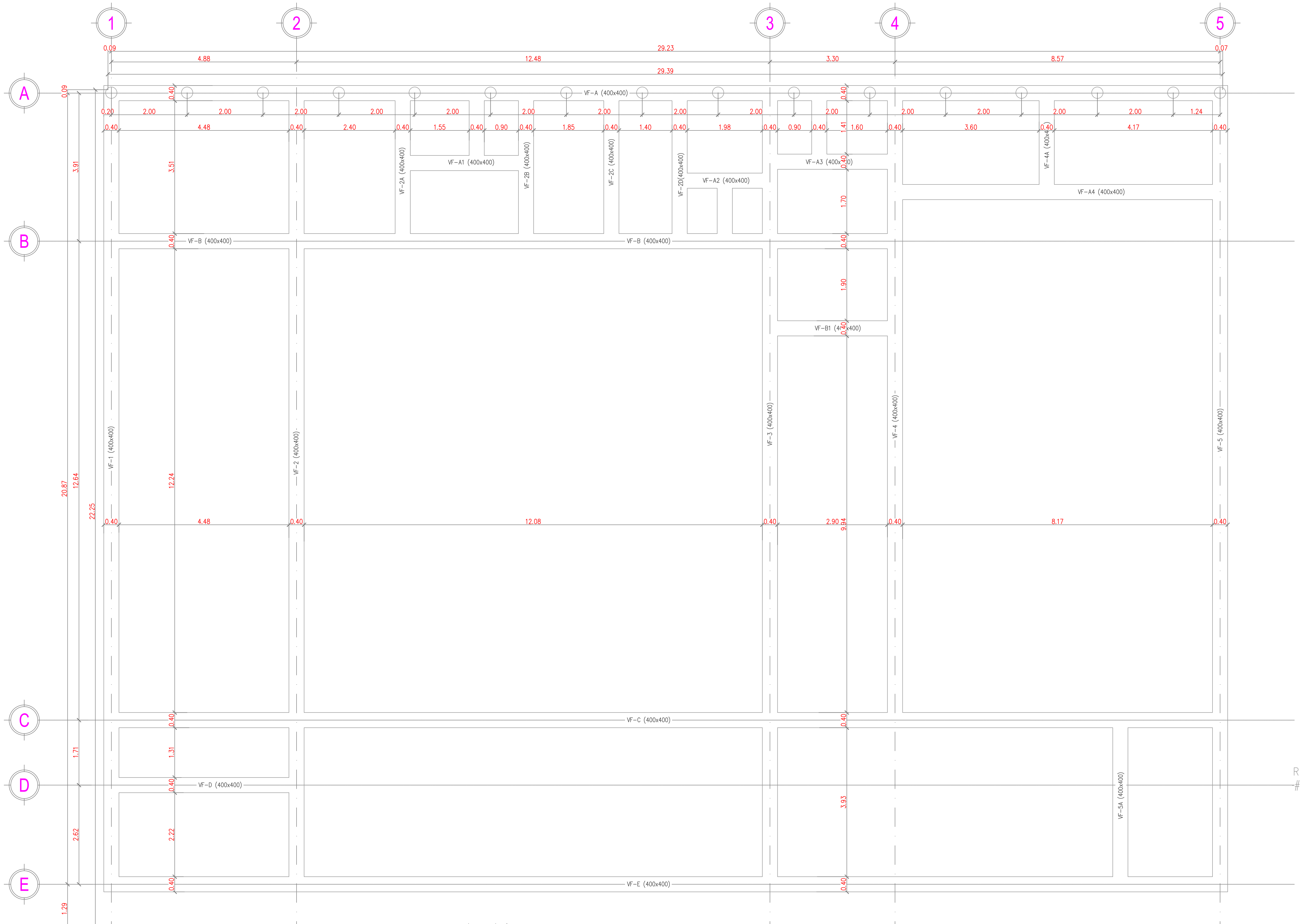
| REVISIONES | VERSION | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/25 |
| | | |
| | | |
| | | |

FECHA:
**11/12/2025**

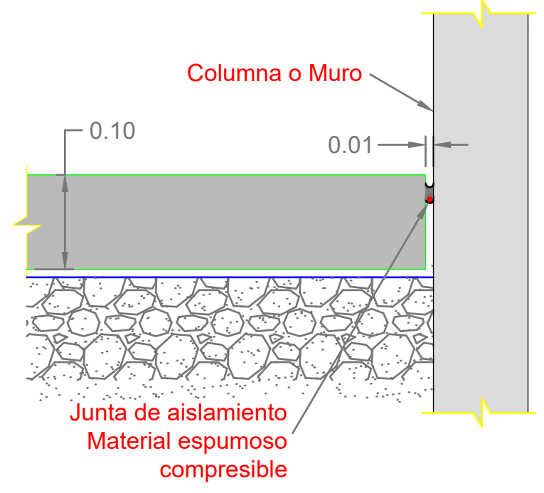
ESCALA:
**As indicated**

ARCHIVO:
**CEDI YOLOMBO**

PLANO:
**302**

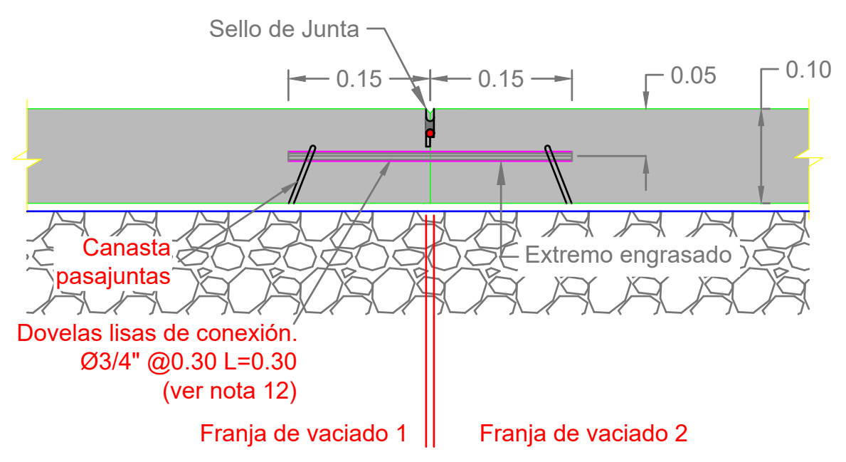

1
2
3
4
5
A
B
C
D
E
0.09
4.88
12.48
3.30
8.57
0.07
29.23
29.39
0.20
2.00
0.40
4.48
2.40
1.55
0.90
1.85
1.40
1.98
1.60
3.60
4.17
1.24
VF-A (400x400)
VF-A1 (400x400)
VF-A2 (400x400)
VF-A3 (400x400)
VF-A4 (400x400)
VF-2A (400x400)
VF-2B (400x400)
VF-2C (400x400)
VF-2D(400x400)
VF-4A (400x400)
VF-B (400x400)
VF-B1 (400x400)
VF-C (400x400)
VF-D (400x400)
VF-E (400x400)
VF-1 (400x400)
VF-2 (400x400)
VF-3 (400x400)
VF-4 (400x400)
VF-5 (400x400)
VF-5A (400x400)
3.91
3.51
1.41
1.70
1.90
20.87
12.64
22.25
12.24
12.08
2.90
8.17
1.71
1.31
2.62
2.22
3.93
1.29

PLANTA DE CIMENTACION
ESC 1:50

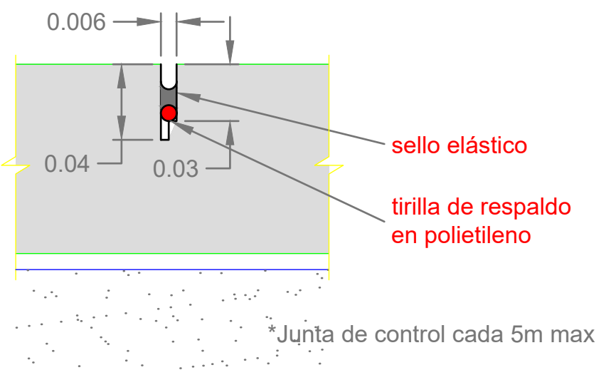

Columna o Muro
0.10
0.01
Junta de aislamiento
Material espumoso
compresible

CONTRA LOS MUROS, COLUMNAS, CAJAS DE INSPECCIÓN, ESCALERAS, OTRO TIPO DE PISOS, ETC. DEBERÁN PREVERSE JUNTAS DE AISLAMIENTO. PARA ESTAS JUNTAS PODRÁN UTILIZARSE ELEMENTOS PREFORMADOS O MATERIALES ESPUMOSOS COMPRESIBLES.

JUNTA DE AISLAMIENTO
PLACA DE CONTRAPISO
SECCIÓN TÍPICA
Escala 1:10

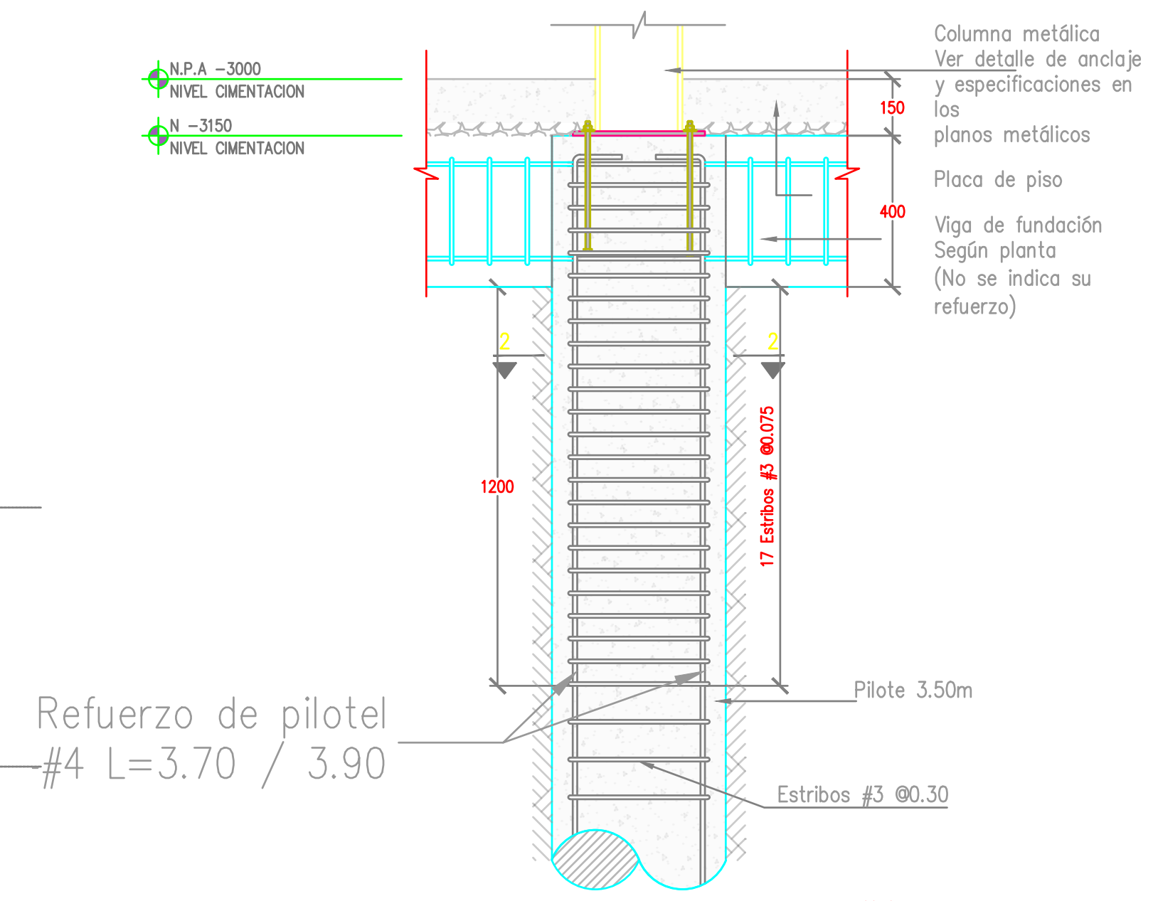

Sello de Junta
0.15
0.15
0.05
0.10
Canasta
pasajuntas
Extremo engrasado
Dovelas lisas de conexión.
Ø3/4" @0.30 L=0.30
(ver nota 12)
Franja de vaciado 1
Franja de vaciado 2

JUNTA CONSTRUCTIVA
LOSA DE CONTRAPISO
SECCIÓN TÍPICA
Escala 1:10


0.006
0.04
0.03
sello elástico
tirilla de respaldo
en polietileno

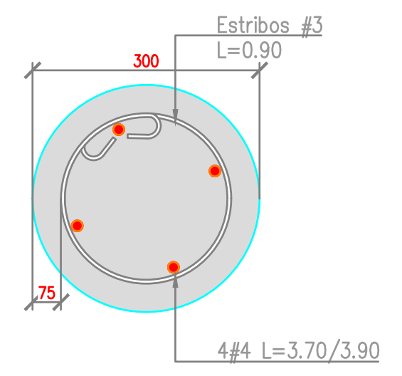
*Junta de control cada 5m max

JUNTA DE CONTROL
SECCIÓN TÍPICA
Escala 1:5

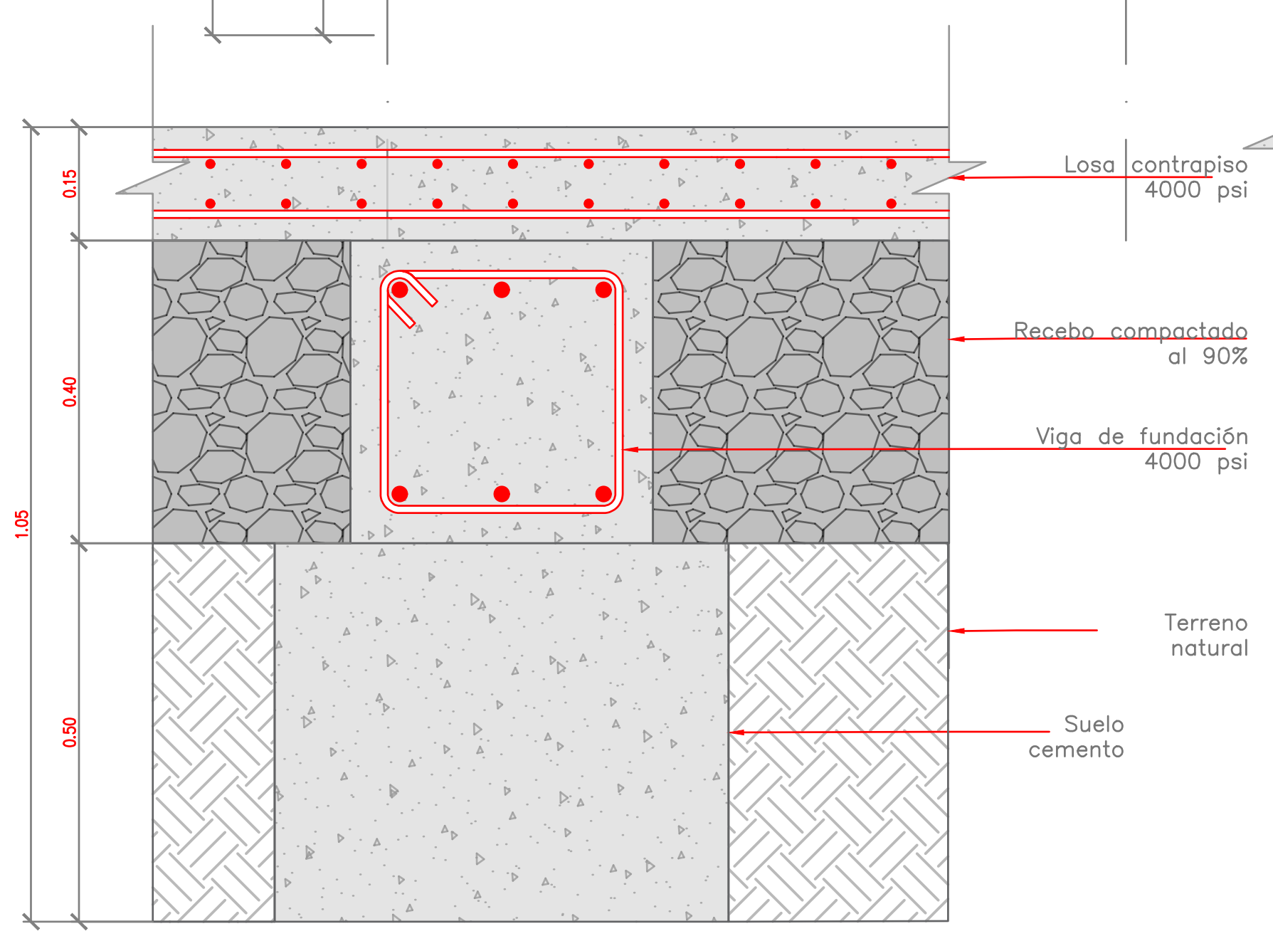

N.P.A -3000
NIVEL CIMENTACION
N -3150
NIVEL CIMENTACION
Columna metálica
Ver detalle de anclaje
y especificaciones en
los
planos metálicos
Placa de piso
Viga de fundación
Según planta
(No se indica su
refuerzo)
150
400
2
2
1200
17 Estribos #3 @0.075
Refuerzo de pilotel
#4 L=3.70 / 3.90
Pilote 3.50m
Estribos #3 @0.30

Nota:
Todos los detalles y especificaciones de los anclajes de la columna metálica deben ser diseñados y propuestos por el ingeniero y verificados en los planos de estructura metálica

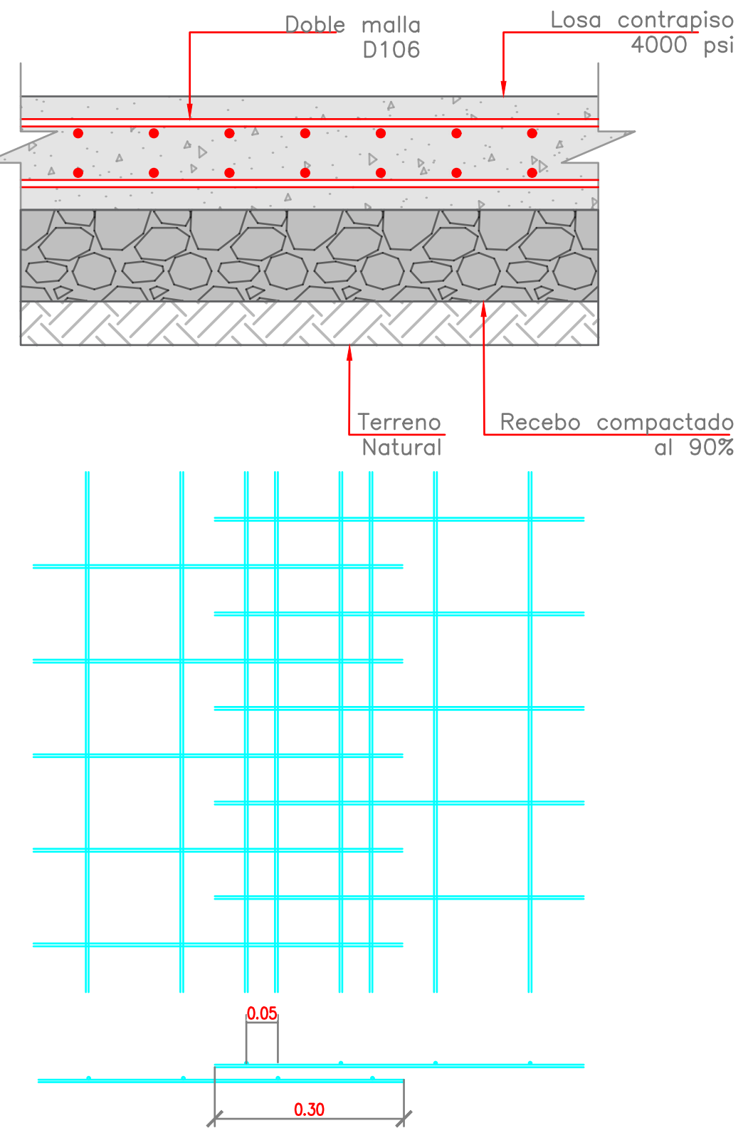
DETALLE GENERAL DE PILOTES
ESC 1:20


Estribos #3
L=0.90
300
75
4#4 L=3.70/3.90

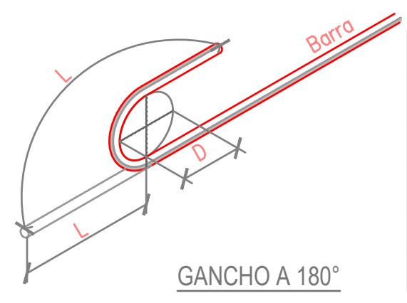
SECCION 2-2 DE PILOTE
ESC 1:20


0.15
0.40
1.05
0.50
Losa contrapiso
4000 psi
Recebo compactado
al 90%
Viga de fundación
4000 psi
Terreno
natural
Suelo
cemento

DETALLE DE REEMPLAZO EN CIMENTACION
ESC 1:10

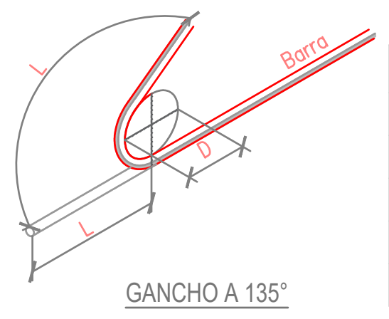

Doble malla
D106
Losa contrapiso
4000 psi
Terreno
Natural
Recebo compactado
al 90%
0.05
0.30

DETALLE DE LOSA CONTRAPISO
ESC 1:10



GANCHO A 180°

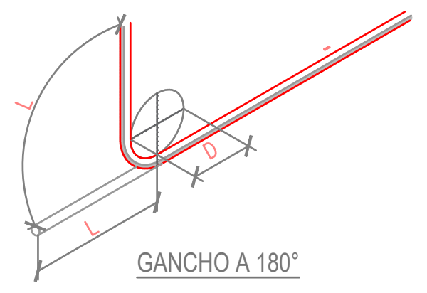
| Barra# | L(cm) | D(cm) |
|---|---|---|
| 2 | 13.5 | 3.8 |
| 3 | 16.9 | 5.7 |
| 4 | 20.5 | 7.6 |
| 5 | 24.0 | 9.5 |
| 6 | 28.6 | 11.5 |



GANCHO A 135°

| Barra# | L(cm) | D(cm) |
|---|---|---|
| 2 | 7.6 | 2.6 |
| 3 | 11.3 | 3.8 |
| 4 | 15.1 | 5.1 |
| 5 | 18.9 | 6.4 |
| 6 | 27.2 | 11.5 |

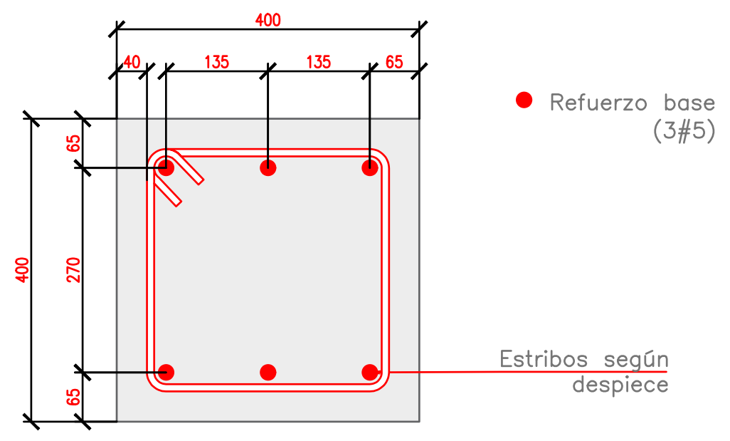
LONGITUD DE GANCHOS PARA ESTRIBOS



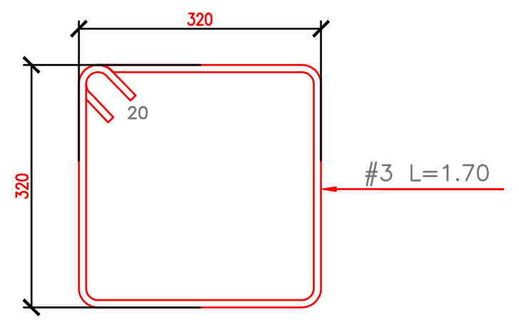
GANCHO A 180°

| Barra# | L(cm) | D(cm) |
|---|---|---|
| 2 | 11.2 | 3.8 |
| 3 | 16.6 | 5.7 |
| 4 | 22.2 | 7.6 |
| 5 | 27.8 | 9.5 |
| 6 | 33.4 | 11.5 |
| 7 | 38.8 | 13.3 |
| 8 | 44.4 | 15.2 |

LONGITUD DE GANCHOS PARA
REFUERZO LONGITUDINAL


400
40
135
135
65
65
270
65
400
● Refuerzo base
(3#5)
Estribos según
despiece

SECCION A-A
ESC 1:10


320
20
320
#3 L=1.70

ESTRIBOS
ESC 1:10

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

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**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA:
CEDI HOSPITAL
YOLOMBO

CONTIENE: PLANTA DE UBICACION DE DOVELAS
DETALLES DE MAMPOSTERIA CONFINADA
ALZADO DE MURO, PLANTA DE UBICACION DE
VIGAS 20X20 Y NOTAS GENERALES

DISEÑÓ: ING. CESAR CORDOBA

DIBUJÓ: JORDAN RENTERIA GOMEZ

FIRMA:

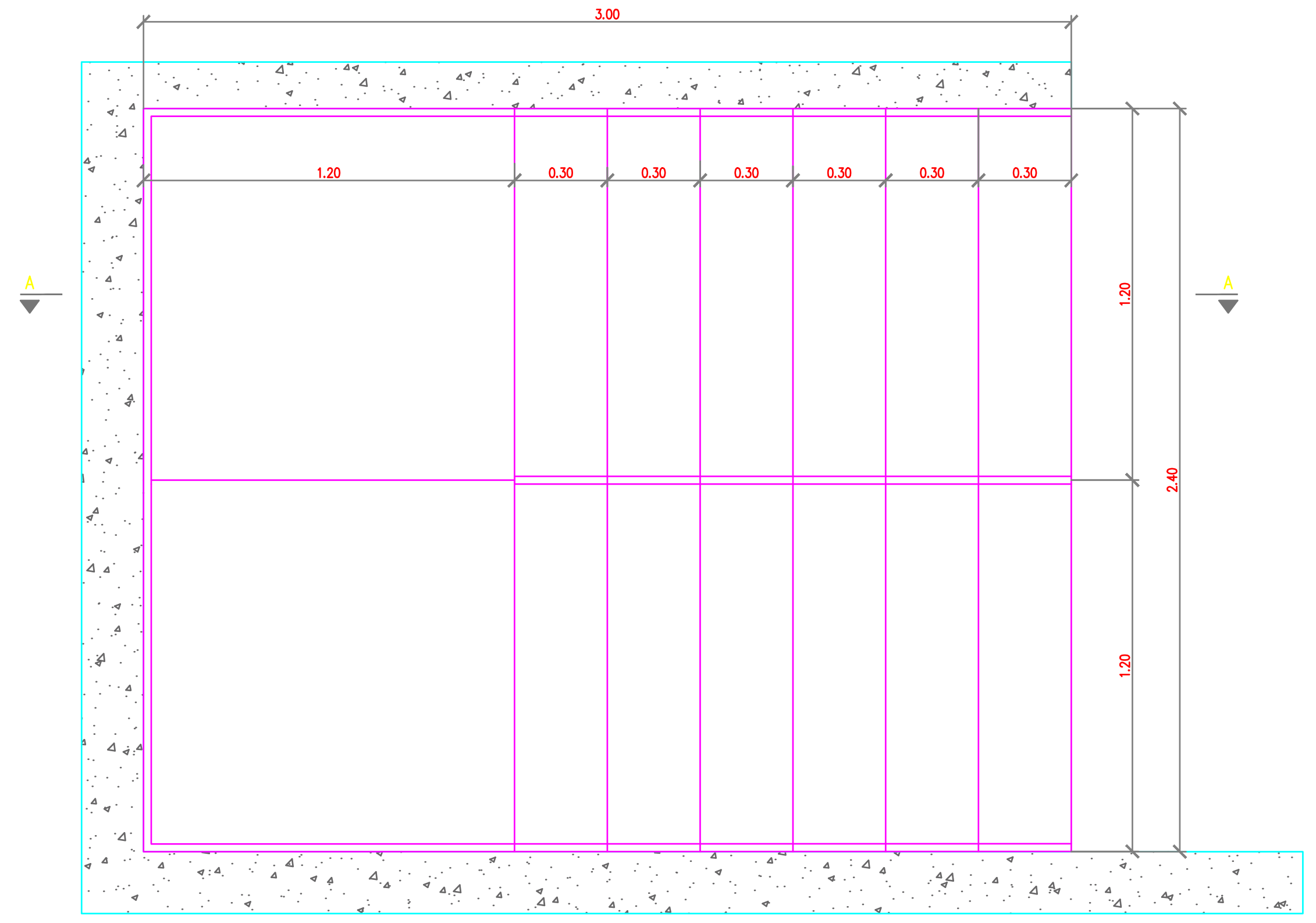
ING. CESAR COROBA
MATRICULA: 011037-0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

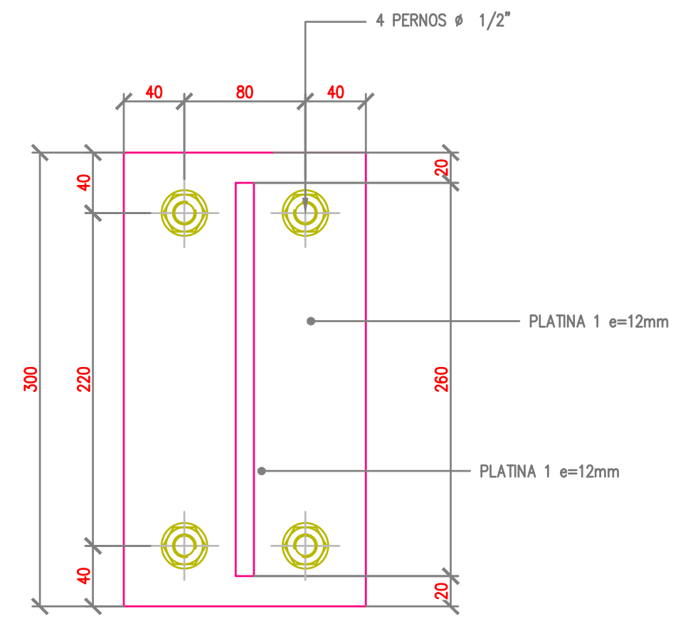
| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
PLANO N°: 107
ARCHIVO: EST-CEDI YOLOMBO



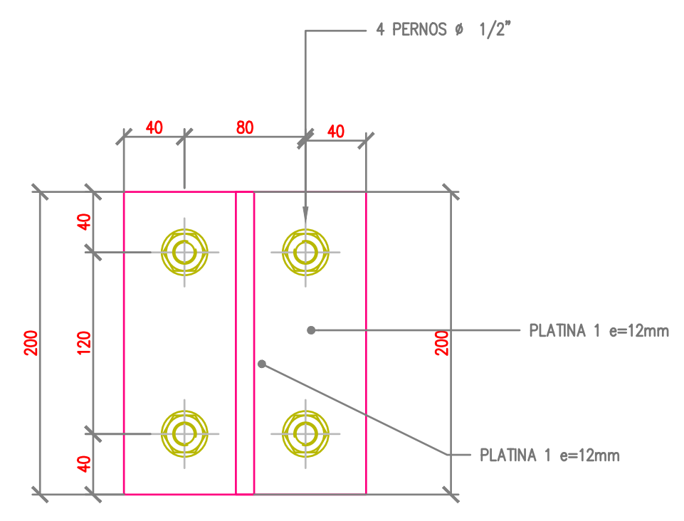
## PLANTA DE ESCALERAS TIPICAS

ESC 1:20



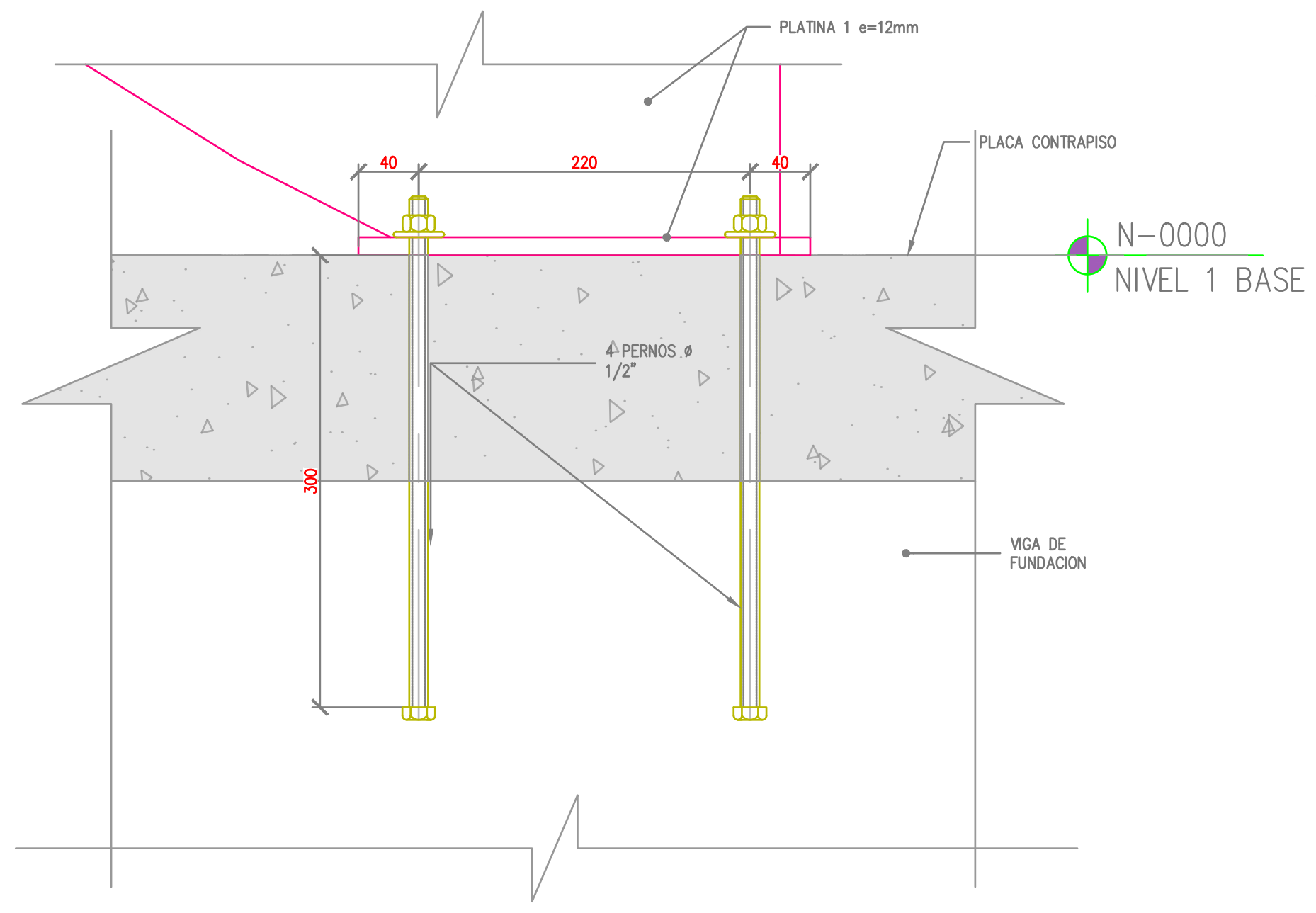
## SOPORTE DE LOSA

ESC 1:5



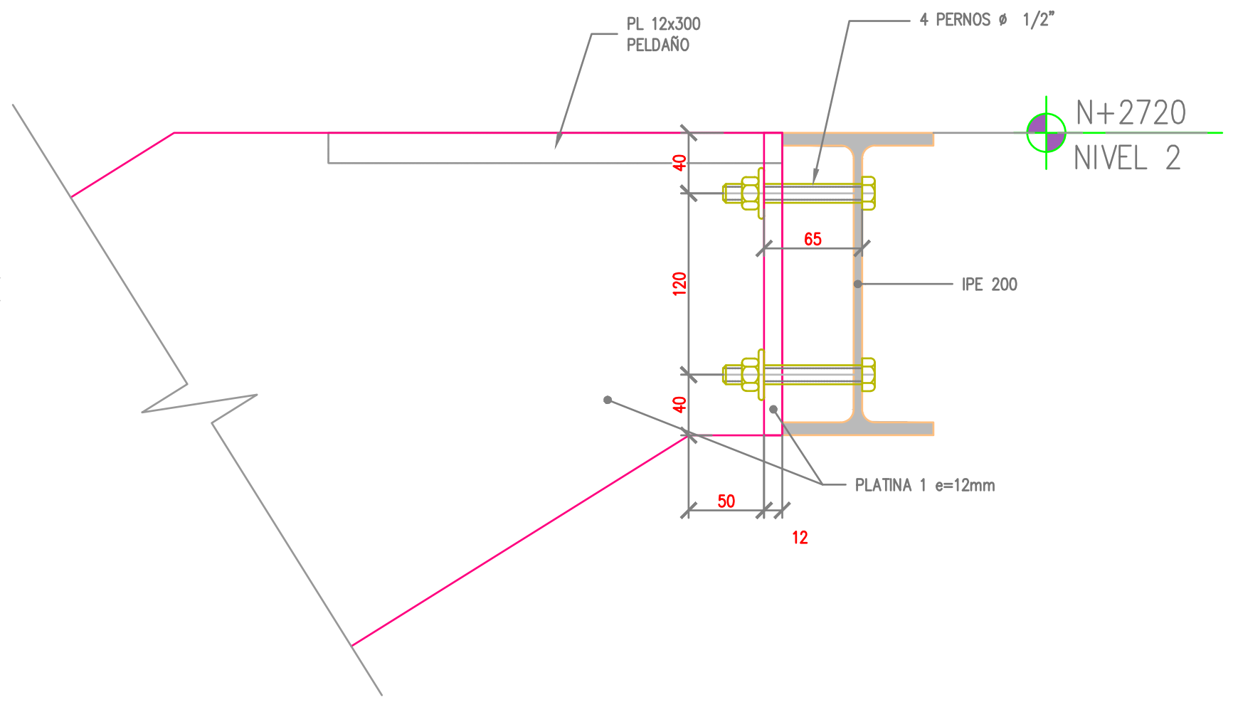
## SOPORTE DE VIGA

ESC 1:5



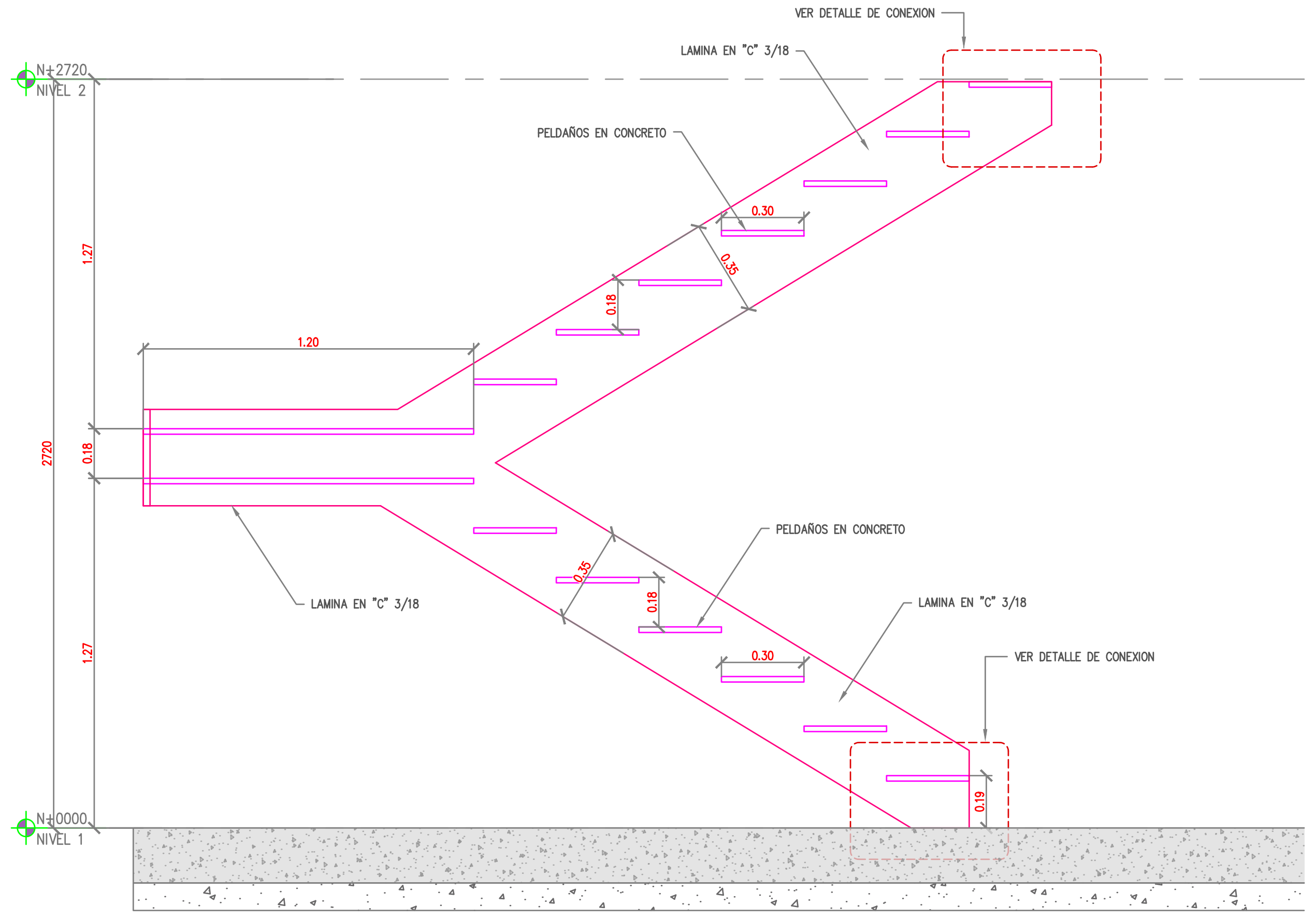
## SECCION DE SOPORTE DE LOSA

ESC 1:5



## SECCION DE SOPORTE DE VIGA

ESC 1:5



## SECCIÓN DE ESCALERAS

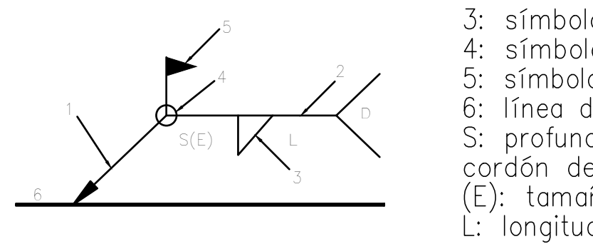
ESC 1:20

## REFERENCIAS Y SIMBOLOGÍA

Para la representación de los símbolos de soldaduras se consideran las indicaciones de la norma ANSI/AWS A2.4–98 'STANDARD SYMBOLS FOR WELDING, BRAZING, AND NONDESTRUCTIVE EXAMINATION'.

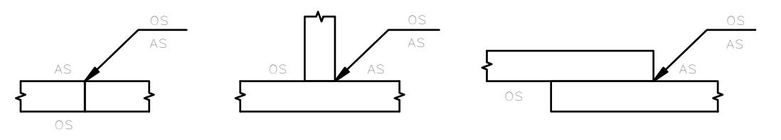
### MÉTODO DE REPRESENTACIÓN DE SOLDADURAS

Conforme a la figura 2 de ANSI/AWS A2.4–98 y a los tipos de soldaduras empleadas en este proyecto, se desarrolla el siguiente esquema de representación de una soldadura:



**Referencias:**
1: flecha (conexión entre 2 y 6)
2: línea de referencia
3: símbolo de soldadura
4: símbolo soldadura perimetral.
5: símbolo de soldadura en el lugar de montaje.
6: línea del dibujo que identifica la unión propuesta.
S: profundidad del bisel. En soldaduras en ángulo, es el lado del cordón de soldadura.
(E): tamaño del cordón en soldaduras a tope.
L: longitud efectiva del cordón de soldadura
D: dato suplementario. En general, la serie de electrodo a utilizar y el proceso precualificado de soldeo.

La información relacionada con el lado de la unión soldada a la que apunta la flecha, se coloca por debajo de la línea de referencia, mientras que para el lado opuesto, se indica por encima de la línea de referencia:



**Donde:**

OS(Other Side): es el otro lado de la flecha
AS(Arrow Side): es el lado de la flecha

## NOTAS GENERALES PARA ESTRUCTURAS DE ACERO

## 1. GENERALES

1.1. MEDIDAS EN MILIMETROS A MENOS QUE SE ESPECIFIQUE OTRA UNIDAD.

1.2. EL DISEÑO, FABRICACION Y CONSTRUCCION DEBE ESTAR DE ACUERDO CON TODOS LOS REQUISITOS APLICABLES DE LOS SIGUIENTES ESTANDARES. ESTOS DEBEN SER LA ULTIMA REVISION E INCLUIR TODAS LAS ENMIENDAS Y CODIGOS RELACIONADOS.

- STEEL CONSTRUCTION MANUAL – AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
- AWS D.1.1/D1.1M STRUCTURAL WELDING CODE STEEL.
- NSR–10

1.3. ESTAS NOTAS HACEN PARTE DE LOS PLANOS QUE SE REFIEREN A ELLAS. EN CASO DE DISCREPANCIA ENTRE LOS PLANOS DE DISEÑO Y ESTAS NOTAS EL ORDEN DE JERARQUIA ES PRIMERO LOS PLANOS DE DISEÑO Y LUEGO LAS NOTAS PRESENTADAS EN ESTE PLANO.

1.4. ESPECIFICACIONES DE MATERIALES:

- LAMINAS : ASTM A572 Gr 50
- PERFILES TIPO W, IPE: ACERO ASTM–A572 Gr 50 Ó ASTM–A992 Gr 50
- PERFILES DE SECCION CERRADA CONFORMADOS EN FRIO Y SOLDADO ELECTRICAMENTE, R.T.E., CUADRADA O RECTANGULAR: ASTM A500 GRADO C, CIRCULAR: ASTM A53
- PERFILES DE LAMINA DELGADA LAMINADOS EN CALIENTE ESPESOR ≥2mm: ACERO ASTM A 1011 – GRADO 50.
- LÁMINA DE STEEL DECK: ACERO ASTM A653 Gr 40
- PERNOS PARA UNIONES: ASTM A490N PARA CONEXIONES DE ELEMENTOS DEL SISTEMA DE RESISTENCIA SÍSMICA, ASTM A325N PARA EL RESTO DE CONEXIONES
- PERNOS PARA ANCLAJE: F1554 Gr. 105
- CONECTORES A CORTANTE: Fu=450MPa ; Fy=350MPa
- SOLDADURA: ELECTRODO SEGÚN INDICACIONES EN PLANOS
- TUERCAS : ASTM A194 Y PARA ARANDELAS ASTM F436

1.5. LA SUSTITUCION DE MATERIALES Y SECCIONES DE PERFILES ESTRUCTURALES DEBE SER APROBADA POR EL INGENIERO CALCULISTA.

1.6. LA CORRECCION EN CAMPO DE DEFECTOS DE FABRICACION EN ELEMENTOS ESTRUCTURALES DEBE TENER LA APROBACION DEL INGENIERO CALCULISTA.

1.7. EL CONTRATISTA DEBERA VERIFICAR TODAS LAS MEDIDAS EN CAMPO ANTES DE INICIAR LA FABRICACION Y EL MONTAJE.

1.8. EVITAR ARISTAS VIVAS.

1.9. SELLAR LOS PERFILES Y VIGAS CAJON EXPUESTOS EN LOS EXTREMOS CON LAMINA 1/8" ESP, APLICAR SOLDADURA 1/8" ALREDEDOR.

1.10. PINTURA:

- TRATAMIENTO DE SUPERFICIE: LIMPIEZA CON SOLVENTE SEGÚN NORMA SSPC–SP6 Y LIMPIEZA MANUAL SEGÚN NORMA SSPC.
- ANTICORROSIVO: PINTURA ANTICORROSIVA EPÓXICA VERDE 9102 (3MILLS)
- ACABADO: PINTURA DE ACABADO ESMALTE ACRÍLICO URETANO (3MILLS), COLOR POR DEFINICIÓN DEL CLIENTE

1.11. NO TOMAR MEDIDAS A ESCALA DE ESTE PLANO
1.12. CUALQUIER CAMBIO EN ESTOS DISEÑOS DEBEN SER CALCULADOS CON EL INGENIERO CALCULISTA
1.13. CUALQUIER PLANO DEL PROYECTO DEBE LEERSE CONJUNTAMENTE CON ESTE.
1.14. TODAS LAS MEDIDAS EN mm, A NO SER QUE SE INDIQUE LO CONTRARIO

## 2. CONEXIONES:

2.1. LAS CONEXIONES HECHAS EN TALLER DEBEN SER SOLDADAS A MENOS QUE SE ESPECIFIQUE ALGO DIFERENTE EN LOS PLANOS DE DISEÑO. CUANDO SEA IMPRACTICO EL USO DE SOLDADURA DEBEN HACERSE UNIONES ATORNILLADAS EQUIVALENTES CON TORNILLOS ASTM A325 DE DESLIZAMIENTO CRITICO CON SUPERFICIE CLASE A.

2.2. LAS CONEXIONES HECHAS EN CAMPO DEBEN SER ATORNILLADAS A MENOS QUE SE ESPECIFIQUE ALGO DIFERENTE EN LOS PLANOS DE DISEÑO.

2.3. TODAS LAS CONEXIONES ATORNILLADAS DEBEN SER DE DESLIZAMIENTO CRITICO CON SUPERFICIE CLASE A, CON PERNOS DE ALTA RESISTENCIA ASTM A325 TIPO 1 Ø=3/4" COMO MINIMO, EXCEPTO DONDE SE INDIQUE ALGO DIFERENTE EN LOS PLANOS DE DISEÑO.

2.4. SOLO SE PERMITE EL USO DE TORNILLOS QUE CUMPLAN CON LAS ESPECIFICACIONES ASTM A325 TIPO 1, ASTM A490 TIPO 1 Y ASTM A307. LOS TORNILLOS ASTM A325, ASTM A490 DEBEN SER USADOS EN UNIONES PRINCIPALES Y EN AQUELLAS QUE HAGAN PARTE DEL SISTEMA DE RESISTENCIA SISMICO DE LA ESTRUCTURA. LOS TORNILLOS ASTM A307 SOLO DEBEN USARSE EN ELEMENTOS SECUNDARIOS, DE BAJO NIVEL DE CARGA Y QUE NO HAGAN PARTE DEL SISTEMA DE RESISTENCIA SISMICO DE LA ESTRUCTURA.

2.5. TODOS LOS TORNILLOS ASTM A325 Y ASTM A307 DEBEN SER GALVANIZADOS EN CALIENTE. LOS TORNILLOS ASTM A490 NO PUEDEN SER GALVANIZADOS EN CALIENTE.
EL GALVANIZADO DE LOS TORNILLOS, TUERCAS Y ARANDELAS DEBE CUMPLIR CON LA ESPECIFICACION ASTM A153.

2.6. TODOS LOS TORNILLOS ASTM A325 DEBEN IR ACOMPAÑADOS DE UNA TUERCA HEXAGONAL GALVANIZADA EN CALIENTE ASTM A563 GRADO DH O ASTM A194 GRADO 2H Y DE UNA ARANDELA GALVANIZADA EN CALIENTE ASTM F436 TIPO 1.

2.7. PROCEDIMIENTO DE PRETENSIONAMIENTO DE TORNILLOS (TURN OF NUT)

PASO 1: APRETAR LA TUERCA HASTA EL NIVEL DE AJUSTE QUE SE OBTIENE CON UNOS POCOS GOLPES DE UNA LLAVE DE IMPACTO O HASTA EL OBTENIDO CON EL MAXIMO ESFUERZO DE UN TRABAJADOR DE LA INDUSTRIA DEL ACERO USANDO UNA LLAVE MANUAL HASTA LOGRAR QUE TODAS LAS PARTES CONECTADAS QUEDEN TOTALMENTE EN CONTACTO.

PASO 2: ROTAR LA TUERCA DE ACUERDO CON LOS VALORES PRESENTADOS EN LA SIGUIENTE TABLA TENIENDO EN CUENTA QUE SOLO LA CABEZA DEL TORNILLO O LA TUERCA DEBEN ROTAR PERO NO AMBAS.

2.8. EL ESPESOR MINIMO DE LAS LAMINAS DE CONEXION Y RIGIDIZADORES ES 3/8" SI NO SE ESPECIFICA ALGO DIFERENTE EN LOS PLANOS DE DISEÑO.

2.9. PARA LAS UNIONES SOLDADAS SE DEBE USAR ELECTRODO AWS A5.1 (E7018). DONDE NO SE ESPECIFIQUE EL TAMAÑO DE LA SOLDADURA DEBERA USARSE EL MINIMO ESPECIFICADO EN LA TABLA J2.4 DEL AISC

2.10. LOS EMPALMES DE MIEMBROS ESTRUCTURALES NO ESPECIFICADOS EN LOS PLANOS DE DISEÑO DEBEN SER APROBADOS POR EL INGENIERO CALCULISTA ANTES DE SU FABRICACION.

2.11. LOS CONECTORES DE CORTANTE SE INSTALAN EN LAS VIGAS UTLIZANDO SOLDADURA DE FILETE AL REDEDOR DEL CONECTOR, UNA VEZ INSTALADO SE REALIZARA UNA PRUEBA GOLPEANDO CON UN MARTILLO, ESTE SE DEBE DOBLAR SIN PRESENTAR FALLA EN LA SOLDADURA.

TABLA J3.3 – AISC
DIMENSION NOMINAL DE AGUJERO (Pulg.)

| DIAMETRO DEL PERNO (Pulg.) | DIMENSIONES DEL AGUJERO | | | |
|---|---|---|---|---|
| | ESTANDAR (DIAMETRO) | AGRANDADO (DIAMETRO) | COLISO CORTO (ANCHO x LARGO) | COLISO LARGO (ANCHO x LARGO) |
| 1/2" | 9/16" | 5/8" | 9/16" x 11/16" | 9/16" x 1 1/4" |
| 5/8" | 11/16" | 13/16" | 11/16" x 7/8" | 11/16" x 9/16" |
| 3/4" | 13/16" | 15/16" | 13/16" x 1" | 13/16" x 1 7/8" |
| 7/8" | 15/16" | 1 1/16" | 15/16" x 1 1/8" | 15/16" x 2 3/16" |
| 1" | 1 1/16" | 1 1/4" | 1 1/16" x 1 5/16" | 1 1/16" x 2 1/2" |
| ≥1 1/8" | Ø+1/16" | Ø+5/16" | (Ø+1/16") x (Ø+3/8") | (Ø+1/16") x (2.5xØ) |

## 3. NOTAS IMPORTANTES

CONDICION DE PRETENSIONADO POR GIRO DE TUERCAS a, b

| LONGITUD DEL PERNO (L) c | DISPOSICION DE LA CARA EXTERIOR DE LAS PARTES ATORNILLADAS | | |
|---|---|---|---|
| | AMBAS CARAS PERPENDICULARES AL EJE DEL TORNILLO | UNA CARA NORMAL AL EJE DEL TONILLO Y LA OTRA CON PENDIENTE NO MAYOR DE 1:20 d | AMBAS CARAS CON PENDIENTE NO MAYOR DE 1:20 MEDIDA DESDE LA LINEA PERPENDICULAR AL EJE DEL TONILLO HACIA ESTE. d |
| L MENOR QUE 4Ø | 1/3 DE VUELTA | 1/2 VUELTA | 2/3 DE VUELTA |
| L MAYOR QUE 4Ø Y MENOR QUE 8Ø | 1/2 VUELTA | 2/3 DE VUELTA | 5/6 DE VUELTA |
| L MAYOR QUE 8Ø PERO MENOR QUE 12Ø | 2/3 DE VUELTA | 5/6 DE VUELTA | 1 VUELTA |

a: LA ROTACION ES RELATIVA AL PERNO INDEPENDIENTEMENTE DEL ELEMENTO QUE SEA GIRADO (TUERCA O CABEZA DEL TORNILLO).
PARA ROTACIONES DE TUERCA REQUERIDAS DE 1/2 VUELTA O MENORES, LA TOLERANCIA ES DE MAS O MENOS 30 GRADOS; PARA ROTACIONES REQUERIDAS DE 2/3 Y MAS, LA TOLERANCIA ES DE MAS O MENOS 45 GRADOS.

b: APLICABLE SOLO PARA CONEXIONES EN LAS CUALES TODO EL MATERIAL SEA ACERO.

c: CUANDO LA LONGITUD DEL PERNO EXCEDE 12Ø, LA ROTACION DE LA TUERCA REQUERIDA SERA DETERMINADA CON UNA PRUEBA USANDO UN CALIBRADOR DE TENSION.

d: CUANDO NO SE USAN ARANDELAS EN CUÑA.

TABLA J3.4 – AISC [a] [b]
MINIMA DISTANCIA AL BORDE, DESDE EL CENTRO DEL AGUJERO ESTANDAR, HASTA EL BORDE DE LA PARTE CONECTADA

| DIAMETRO DEL PERNO (Pulg.) | A BORDES CORTADOS CON CIZALLA (Pulg.) | A BORDES LAMINADOS DE PLATINAS, PERFILES, BARRAS O BORDES TERMICAMENTE CORTADOS (Pulg.) [c] |
|---|---|---|
| 1/2 | 7/8 | 3/4 |
| 5/8 | 1 1/8 | 7/8 |
| 3/4 | 1 1/4 | 1 |
| 7/8 | 1 1/2 [d] | 1 1/8 |
| 1 | 1 3/4 [d] | 1 1/4 |
| 1 1/8 | 2 | 1 1/2 |
| 1 1/4 | 2 1/4 | 1 5/8 |
| Mayor que 1 1/4 | 1 3/4" x Ø | 1 3/4 x Ø |

[a] SE PERMITEN DISTANCIAS MENORES SEGUN LOS REQUERIMIENTOS DE LA SECCION J3.10
[b] PARA AGUJEROS AGRANDADOS O COLISOS VER TABLA J3.5
[c] TODAS LAS DISTANCIAS PRESENTADAS EN ESTA COLUMNA SE PUEDEN REDUCIR EN 1/8" CUANDO EL ESFUERZO EN ESTE PUNTO NO EXCEDA 25% DEL MAXIMO ESFUERZO EN EL ELEMENTO.
[d] SE PERMITE DE 1 1/4". EN LAS CONEXIONES DE ANGULOS EN VIGAS Y EN END PLATES DE CORTANTE.

TABLA J2.4 – AISC
TAMAÑO MINIMO DE LA SOLDADURA DE FILETE

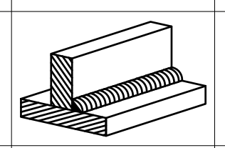
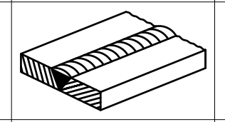
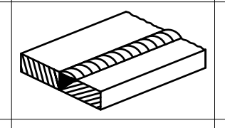
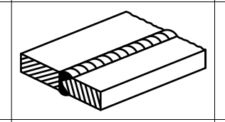
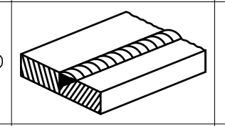
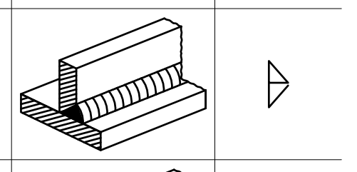
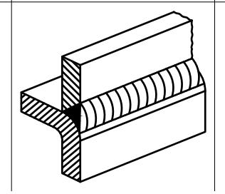
| ESPESOR DEL ELEMENTO O MENOR ESPESOR DE LAS PARTES CONECTADAS Pulg. (mm) | TAMAÑO MINIMO DE LA SOLDADURA [a] Pulg. (mm) |
|---|---|
| HASTA 1/4" (6) INCLUIDO | 1/8" (3) |
| DESDE 1/4" (6) HASTA 1/2 (13) | 3/16" (5) |
| DESDE 1/2" (13) HASTA 3/4 (19) | 1/4" (6) |
| MAYOR 3/4" (19) | 5/16" (8) |

[a] DIMENSION DEL PIE DE LA SOLDADURA DE FILETE. SE DEBEN UTILIZAR SOLDADURAS DE PASO SIMPLE

NOTA: VER LA SECCION J2.2b PARA EL TAMAÑO MAXIMO DE LA SOLDADURA DE FILETE

TABLA F.2.10.3–1 NSR–10
MÍNIMA TENSIÓN DE ISNTALACIÓN DE LOS PERNOS, KILONEWTONS
PERNOS CON DIÁMETRO EN PULGADAS

| TAMAÑO DEL PERNO mm (Pulg.) | GRUPO A PERNOS ASTM A325, ASTM F1852 | GRUPO B PERNOS ASTM A490, ASTM F2280 |
|---|---|---|
| 12.7 (1 2") | 53 | 67 |
| 15.9 (5 8") | 84 | 107 |
| 19.1 (3 4") | 125 | 156 |
| 22.2 (7 8") | 173 | 218 |
| 25.4 (1") | 227 | 285 |
| 28.6 (18") | 249 | 356 |
| 31.8 (14") | 316 | 454 |
| 34.9 (13) | 378 | 538 |
| 38.1 (12") | 458 | 658 |

| Designación | Ilustración | Símbolo |
|---|---|---|
| Soldadura de filete |  | |
| Soldadura a tope en 'V' simple (con chaflán) |  | |
| Soldadura a tope en bisel simple |  | |
| Soldadura a tope en bisel doble |  | |
| Soldadura a tope en bisel simple con talón de raíz amplio |  | |
| Soldadura combinada a tope en bisel simple y en ángulo |  | |
| Soldadura a tope en bisel simple con lado curvo |  | |

CIUDAD DE YOLOMBÓ

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA:
CEDI HOSPITAL
YOLOMBO

CONTIENE: PLANTA DE UBICACION DE DOVELAS
DETALLES DE MAMPOSTERIA CONFINADA
ALZADO DE MURO, PLANTA DE UBICACION DE
VIGAS 20X20 Y NOTAS GENERALES

DISEÑÓ: ING. CESAR CORDOBA

DIBUJÓ: JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037–0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |
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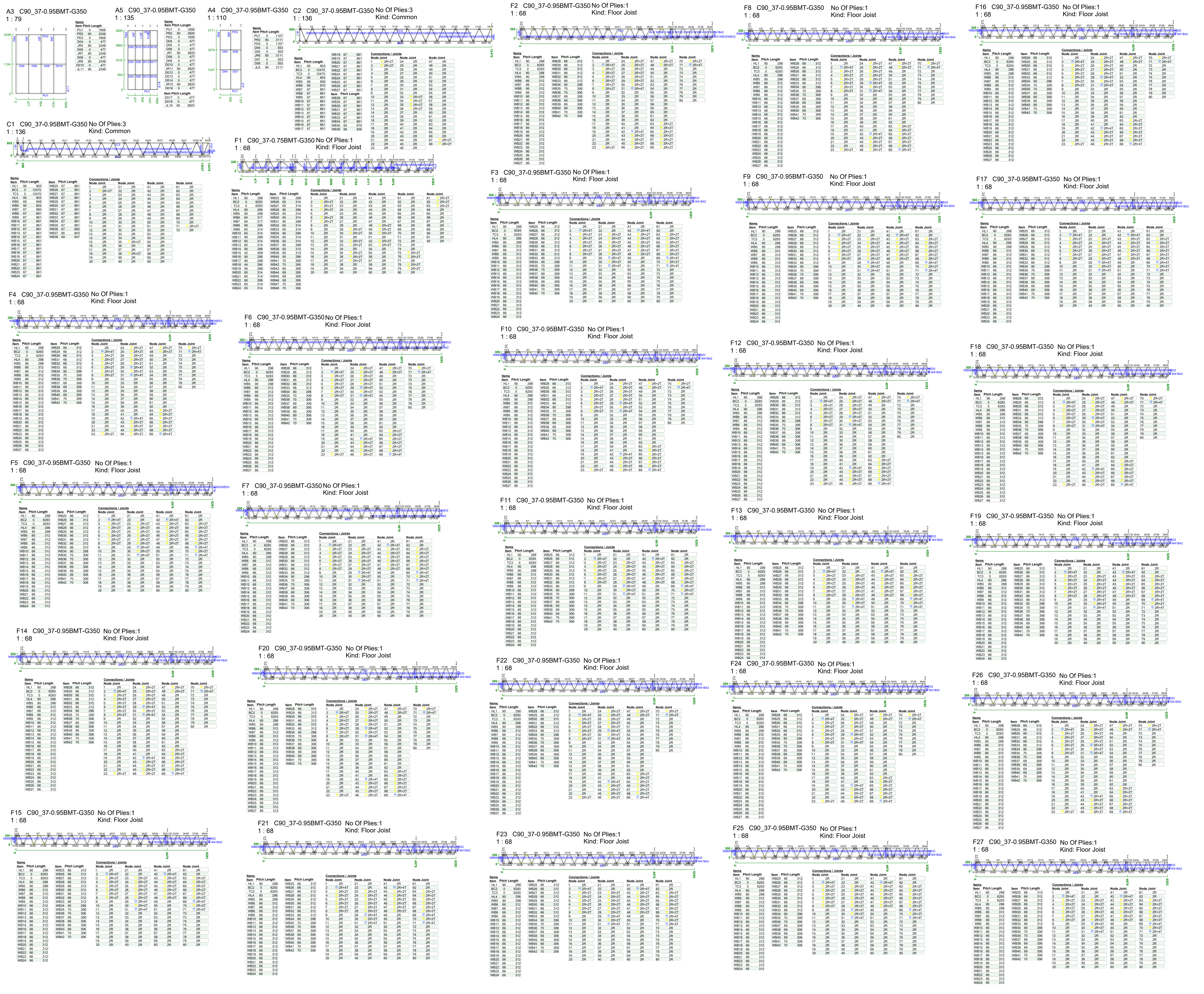
FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
PLANO N°: 108
ARCHIVO: EST–CEDI YOLOMBO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1 : 135
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1 : 110
C2 C90_37-0.95BMT-G350 No Of Plies:3
1 : 136 Kind: Common
C1 C90_37-0.95BMT-G350 No Of Plies:3
1 : 136 Kind: Common
F1 C90_37-0.75BMT-G350 No Of Plies:1
1 : 68 Kind: Floor Joist
F2 C90_37-0.95BMT-G350 No Of Plies:1
1 : 68 Kind: Floor Joist
F3 C90_37-0.95BMT-G350 No Of Plies:1
1 : 68 Kind: Floor Joist
F4 C90_37-0.95BMT-G350 No Of Plies:1
1 : 68 Kind: Floor Joist
F5 C90_37-0.95BMT-G350 No Of Plies:1
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F6 C90_37-0.95BMT-G350 No Of Plies:1
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1 : 68 Kind: Floor Joist
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1 : 68 Kind: Floor Joist
F22 C90_37-0.95BMT-G350 No Of Plies:1
1 : 68 Kind: Floor Joist
F23 C90_37-0.95BMT-G350 No Of Plies:1
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F25 C90_37-0.95BMT-G350 No Of Plies:1
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F26 C90_37-0.95BMT-G350 No Of Plies:1
1 : 68 Kind: Floor Joist
F27 C90_37-0.95BMT-G350 No Of Plies:1
1 : 68 Kind: Floor Joist
Items
Item Pitch Length
Connections / Joints
Node Joint

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

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CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingeniería

OBRA:

**CEDI HOSPITAL YOLOMBO**

CONTIENE:
DESPIECE MUROS 1

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037–0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
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| DETALLE DE ESCALERA | 01 | 11/12/2025 |

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CODIGO:
PLANO N°: 401
ARCHIVO: EST–CEDI YOLOMBO

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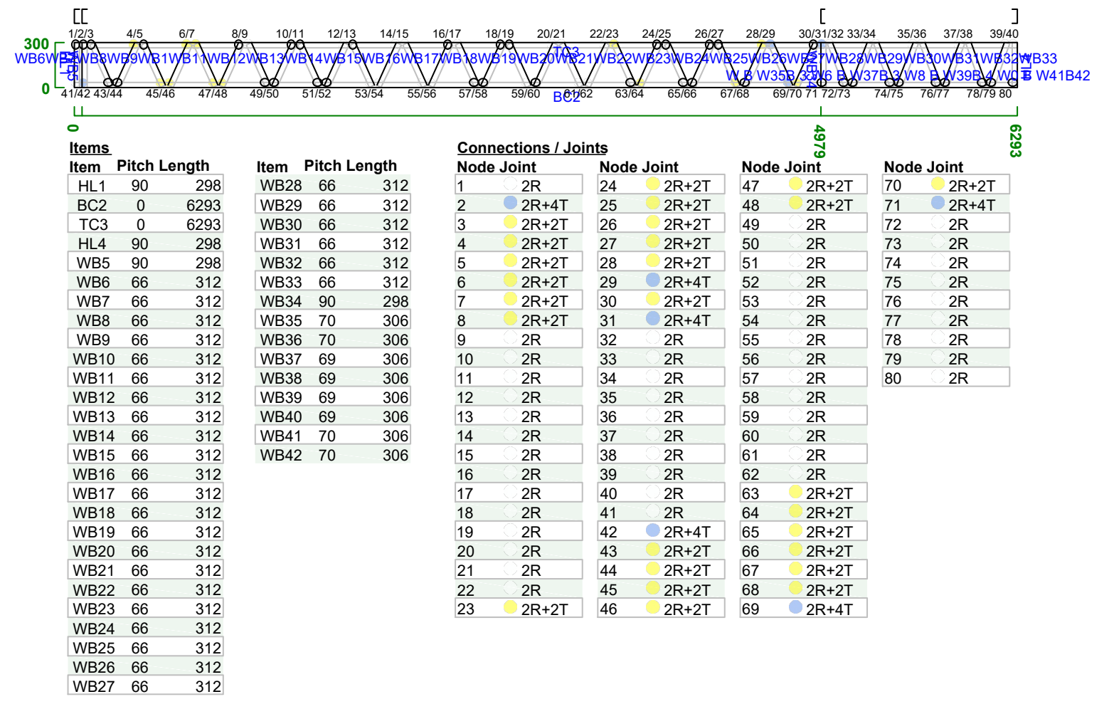

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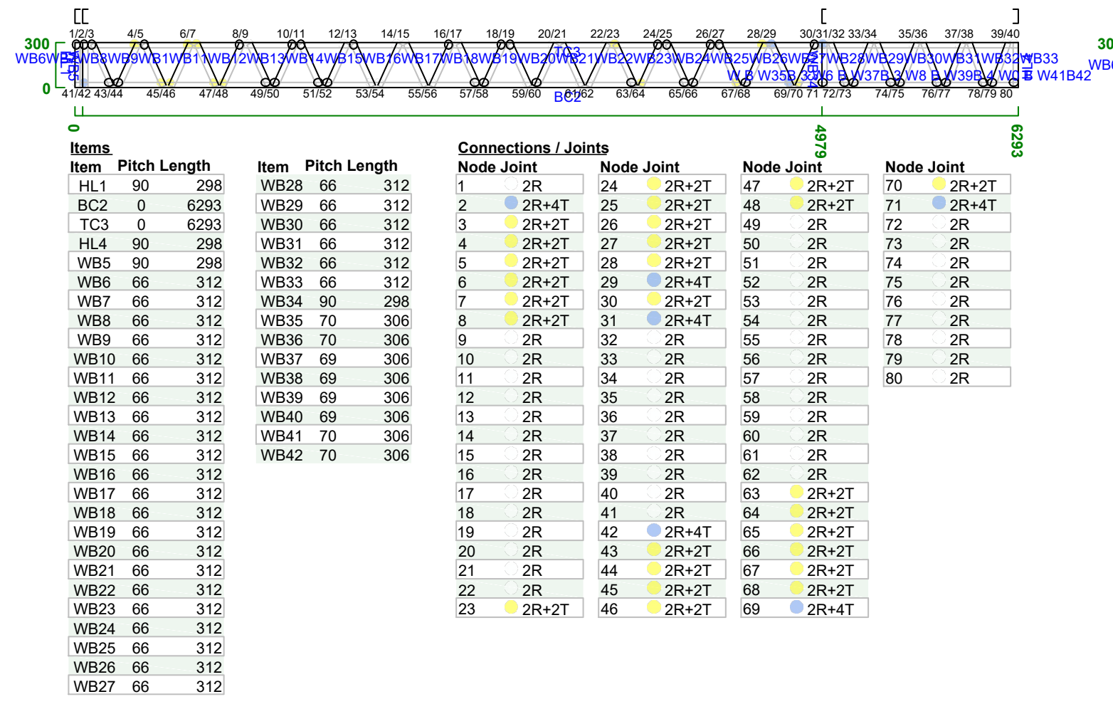

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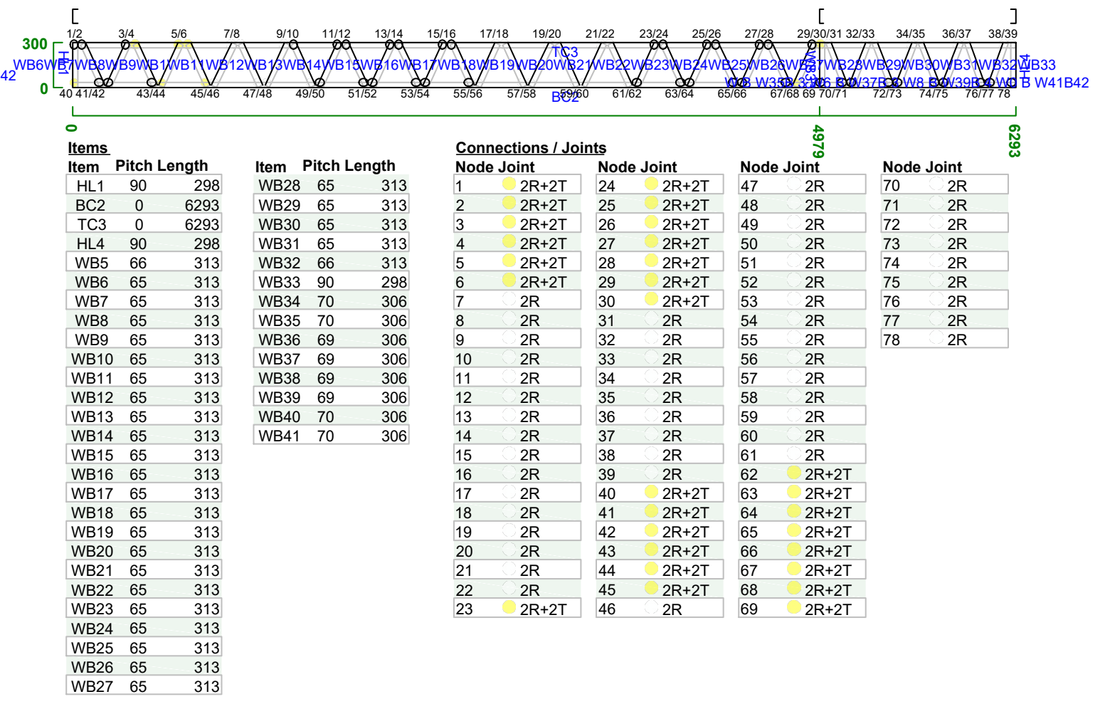

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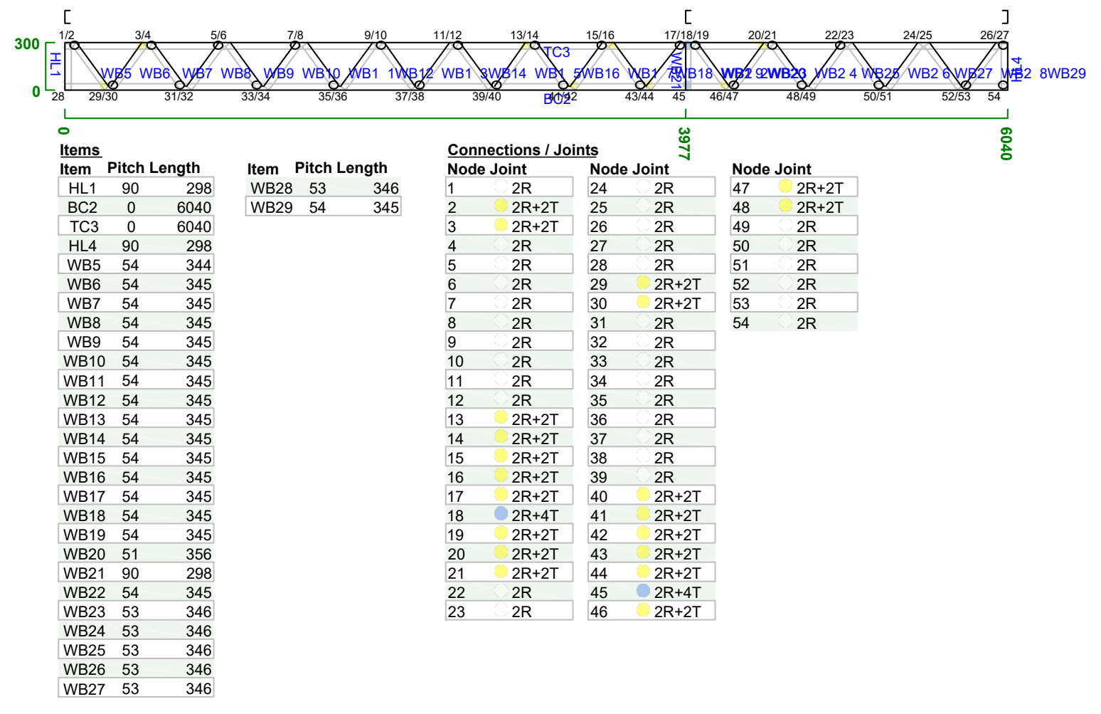

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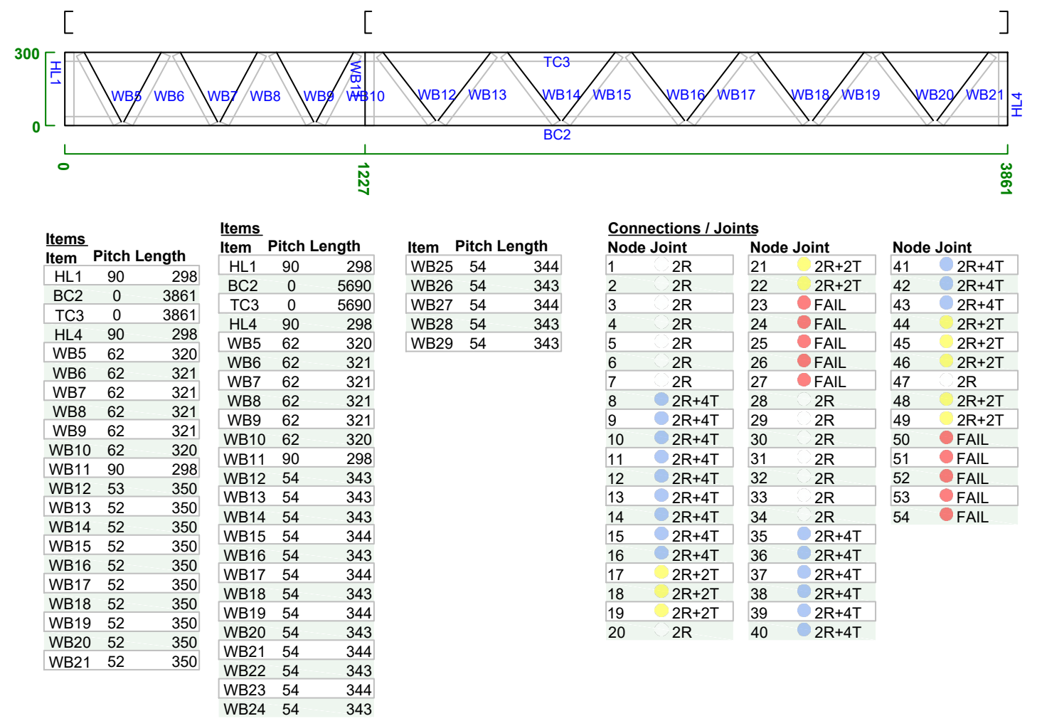
1 : 42 Kind: Floor Joist



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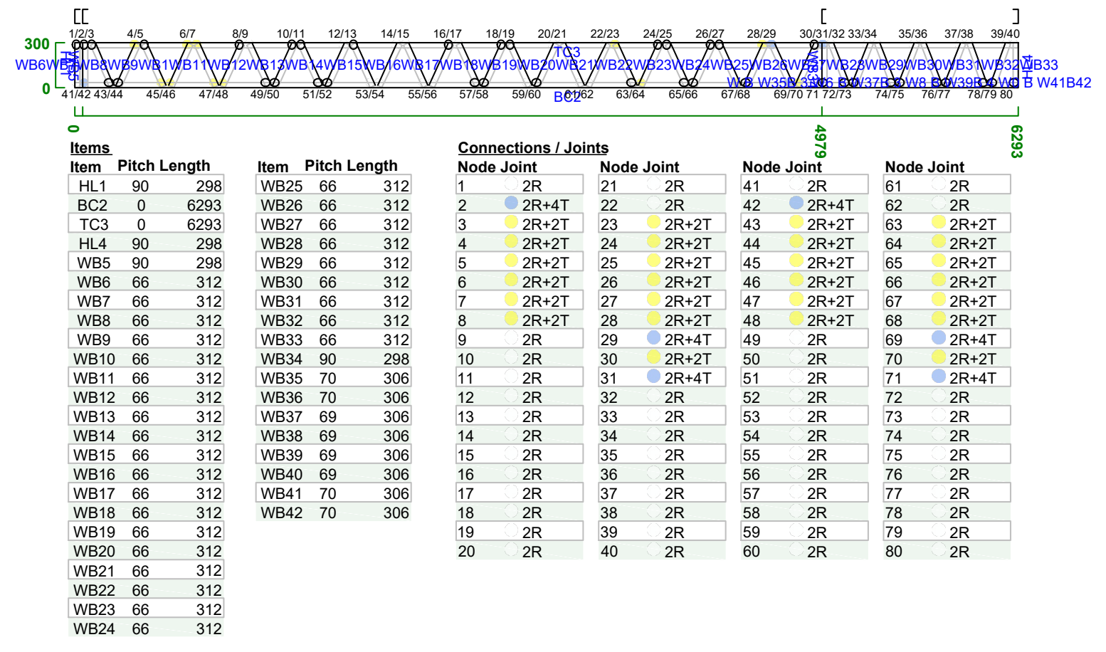

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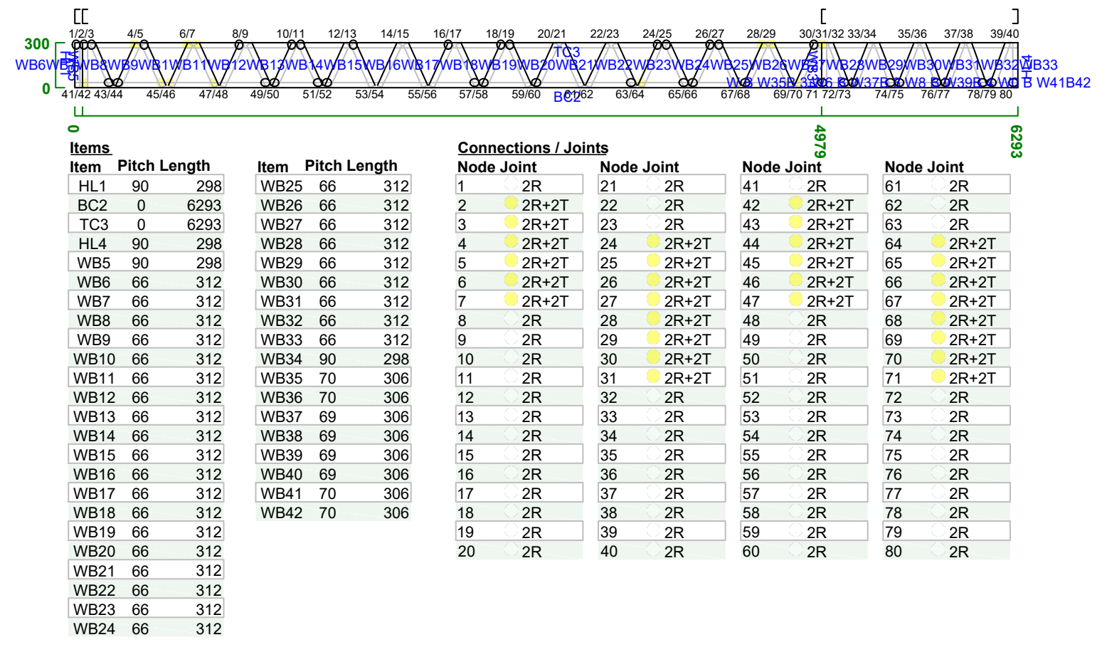

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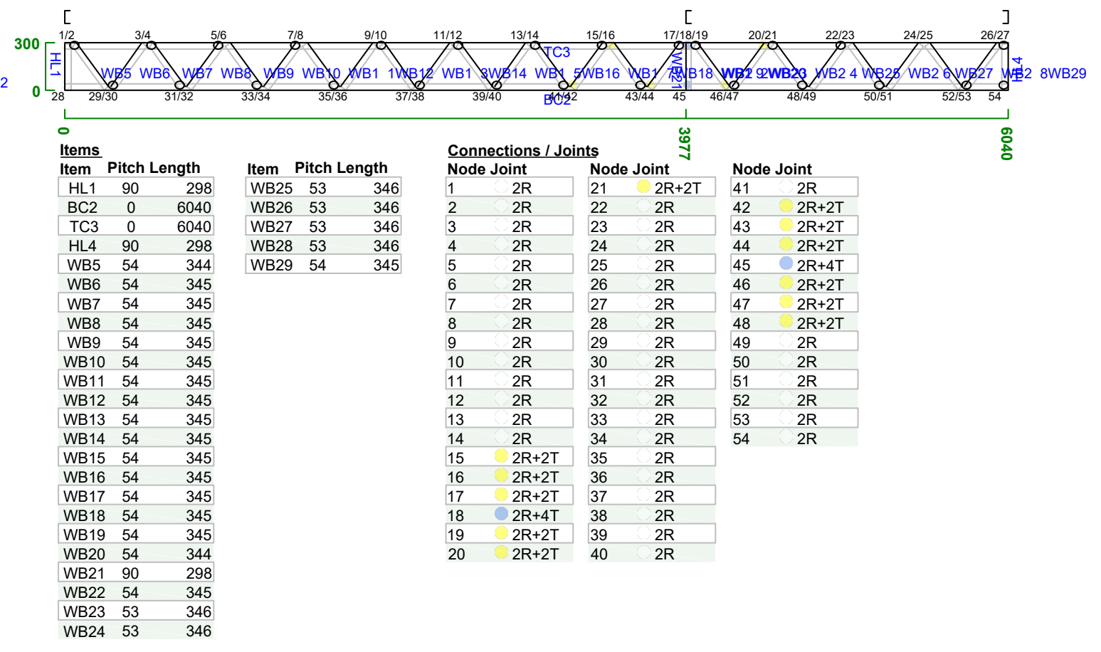
1 : 66 Kind: Floor Joist



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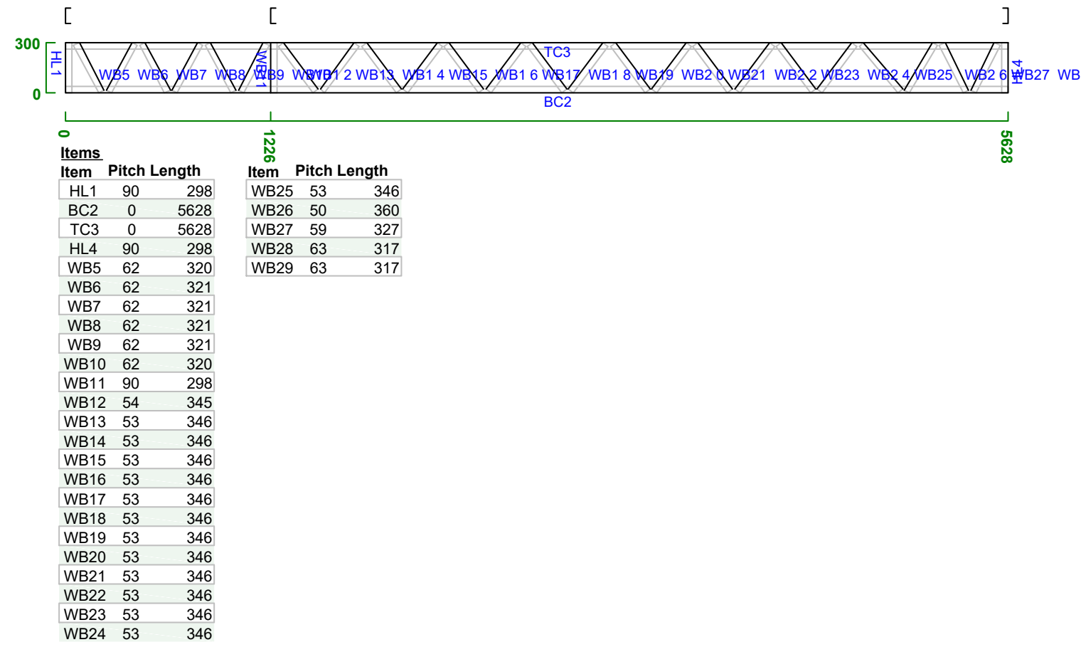
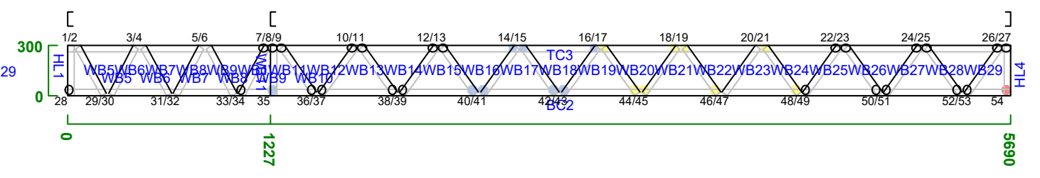
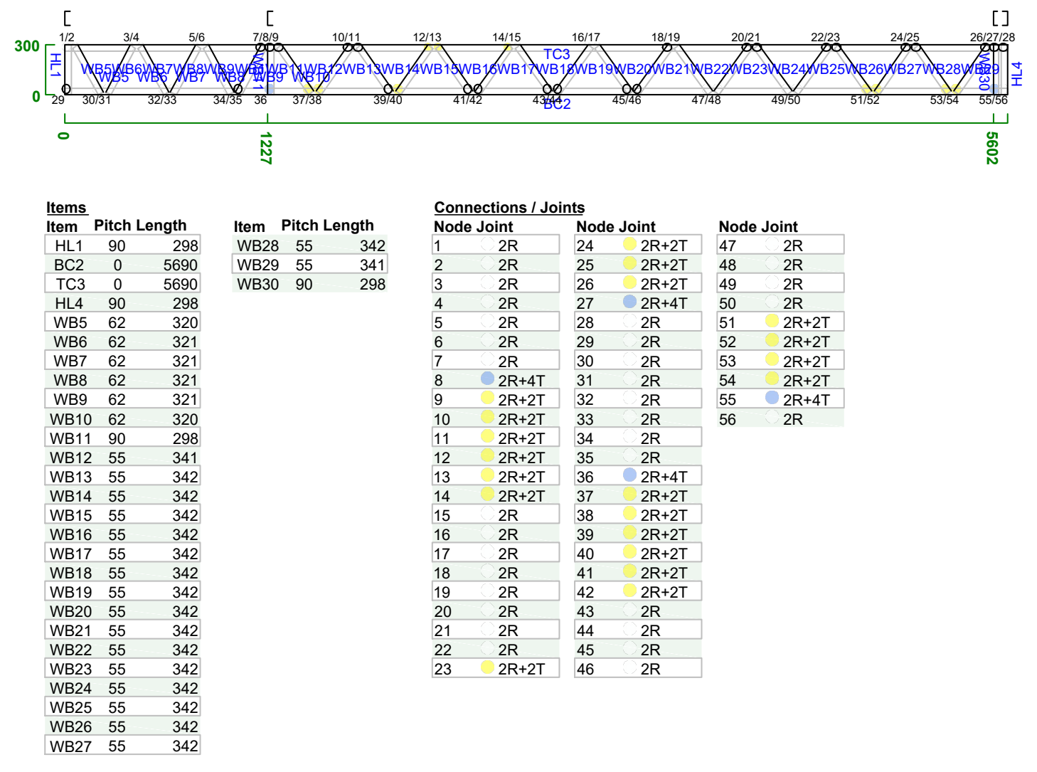
1 : 61 Kind: Floor Joist



F49 C90_37-0.95BMT-G350 No Of Plies:1
1 : 62 Kind: Floor Joist



F50 C90_37-0.95BMT-G350 No Of Plies:1
1 : 62 Kind: Floor Joist



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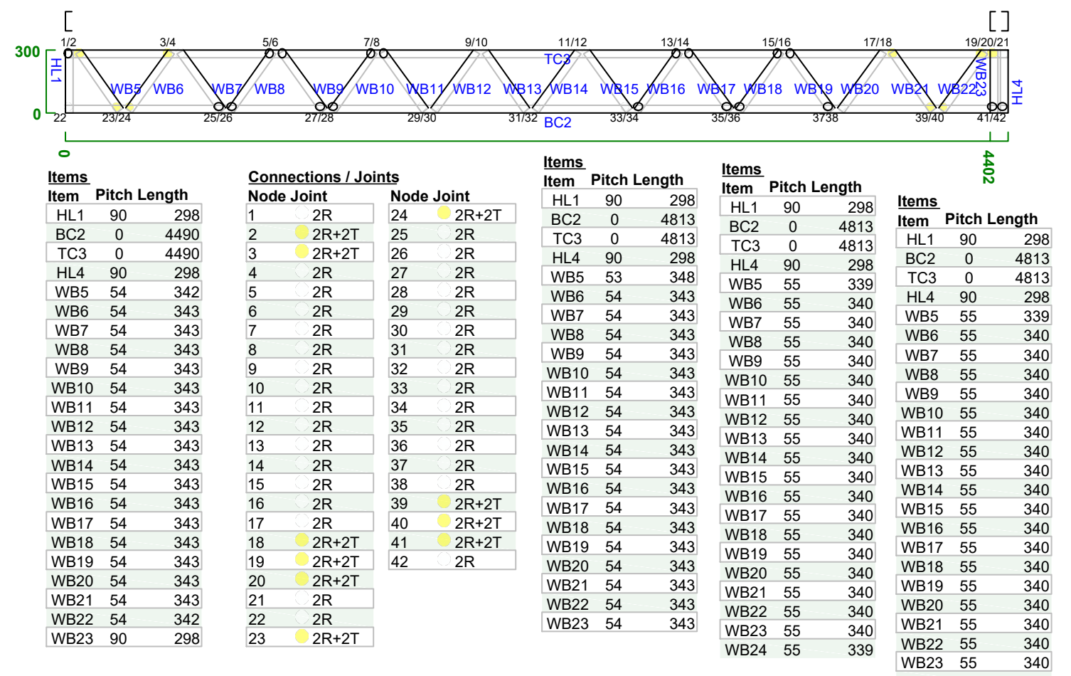
1 : 49 Kind: Floor Joist



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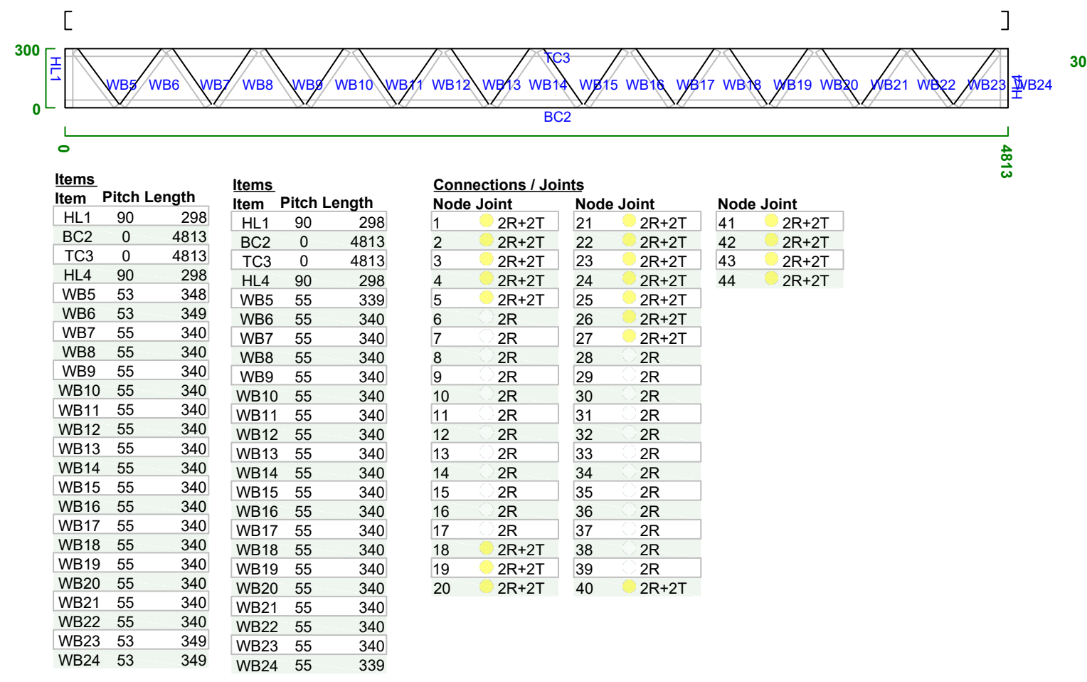

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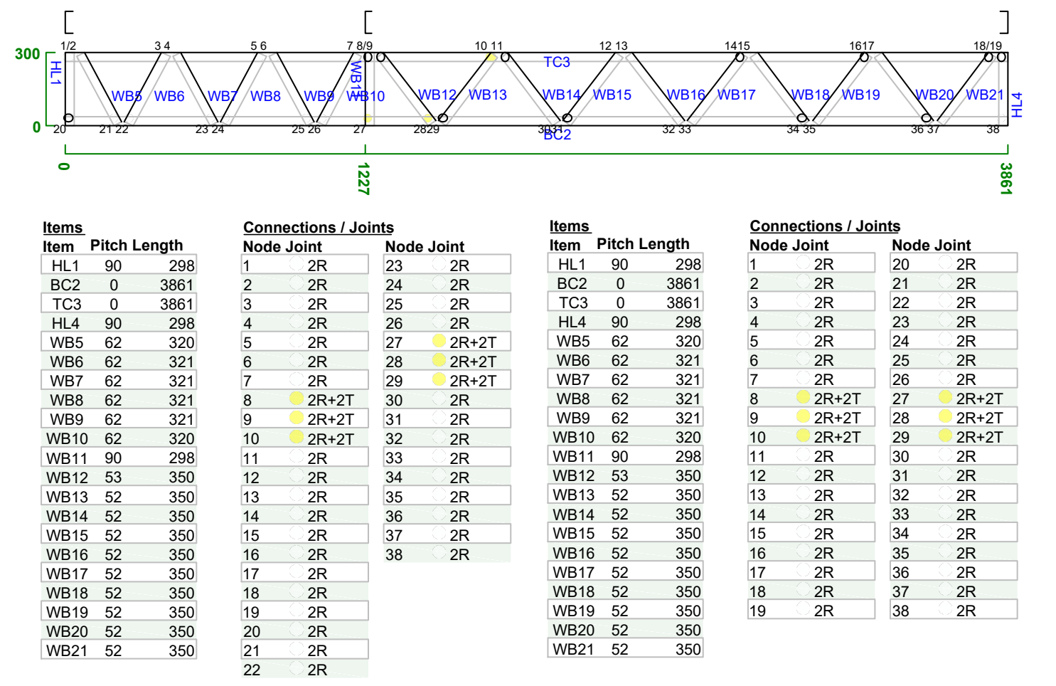

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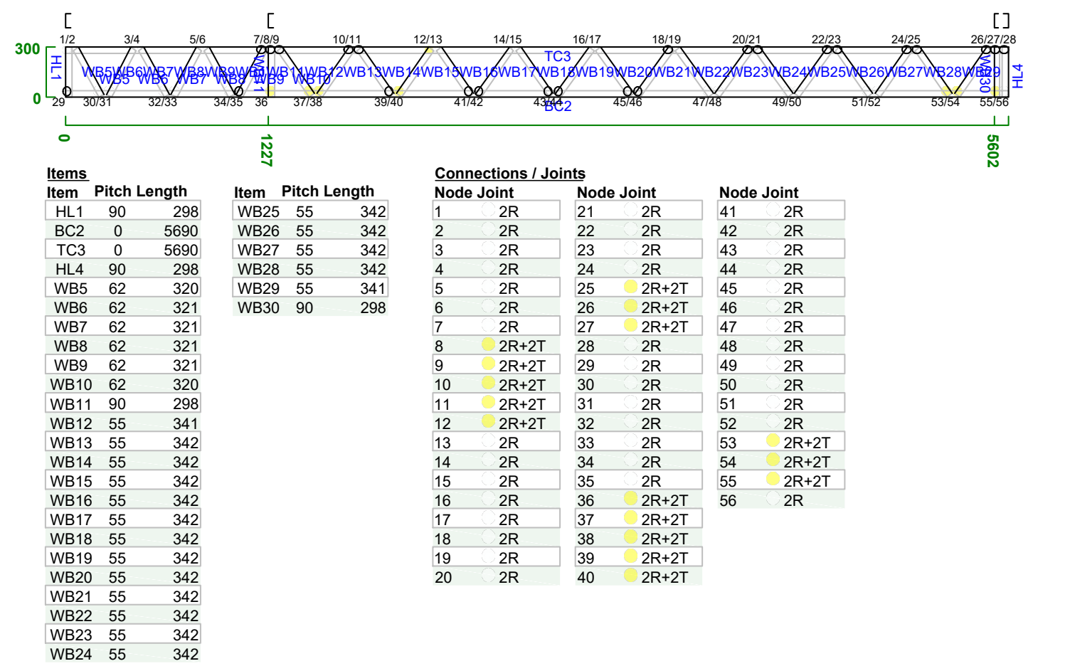

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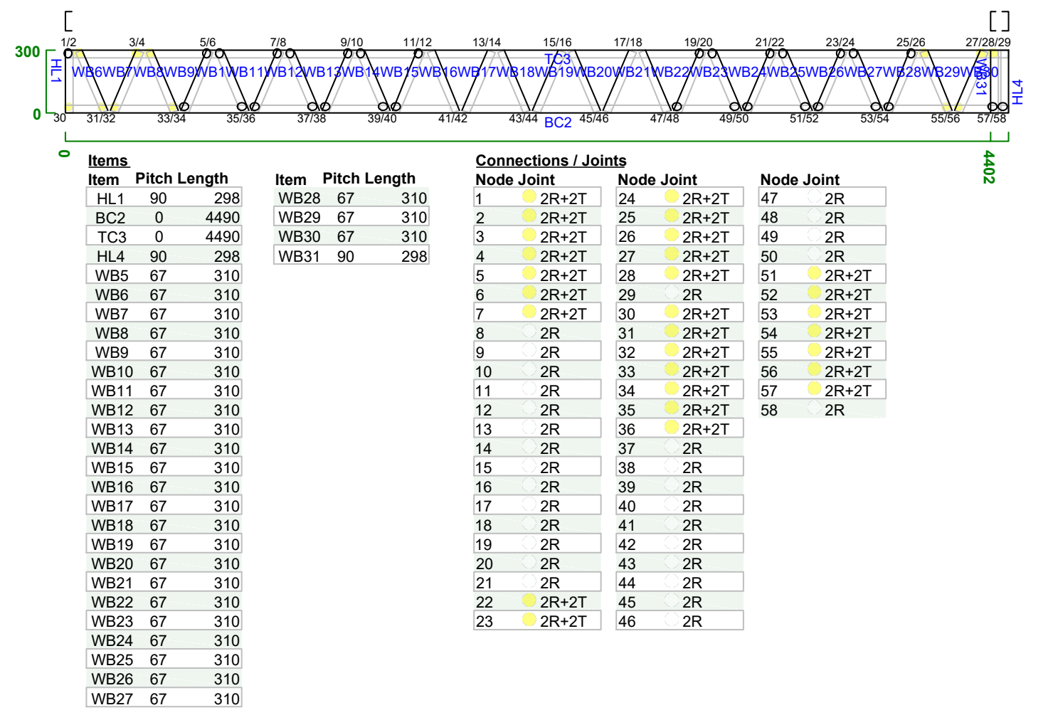

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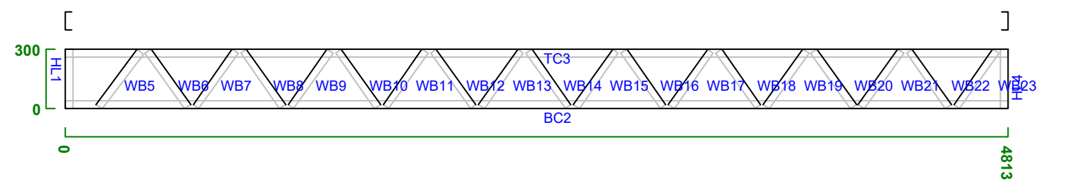

F41 C90_37-0.75BMT-G350 No Of Plies:1
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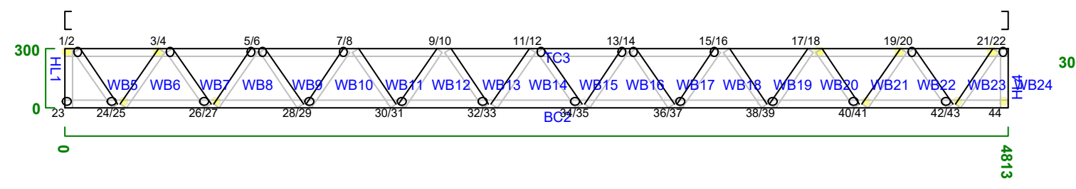

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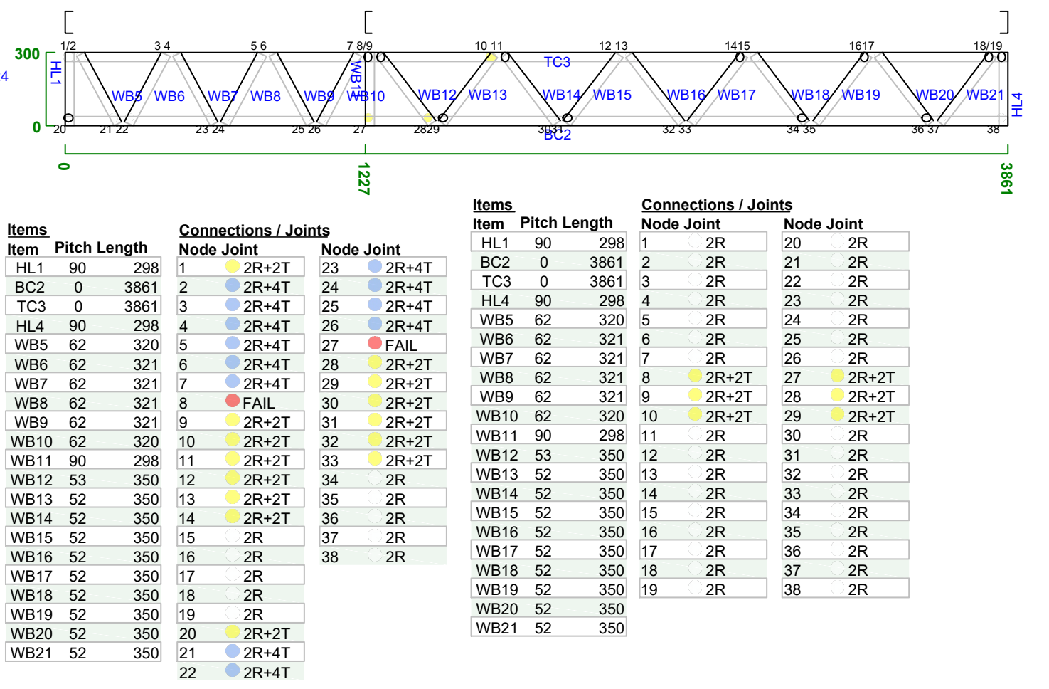

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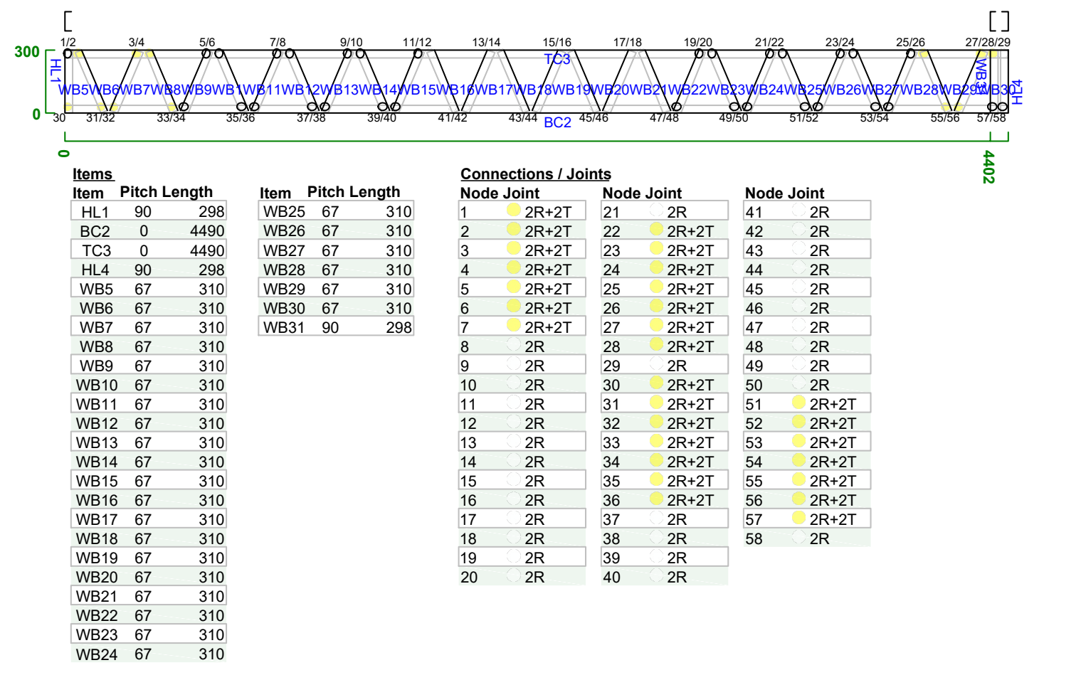

F38 C90_37-0.95BMT-G350 No Of Plies:1
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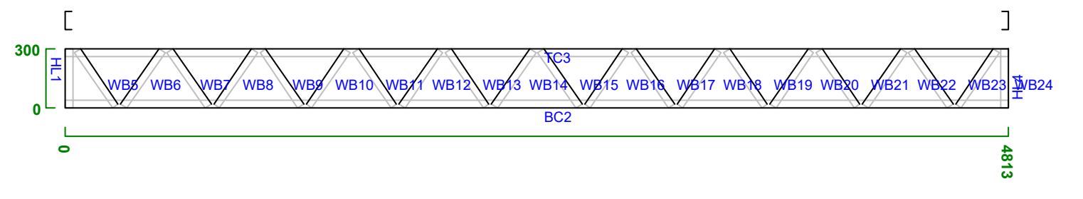

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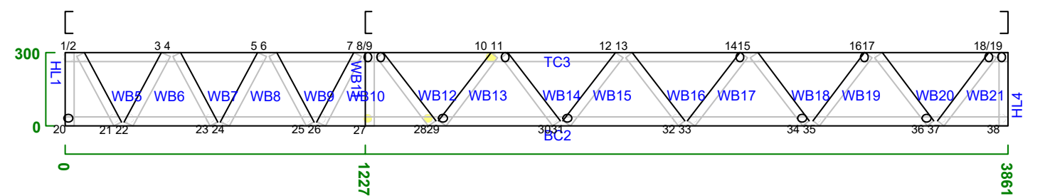

F39 C90_37-0.95BMT-G350 No Of Plies:1
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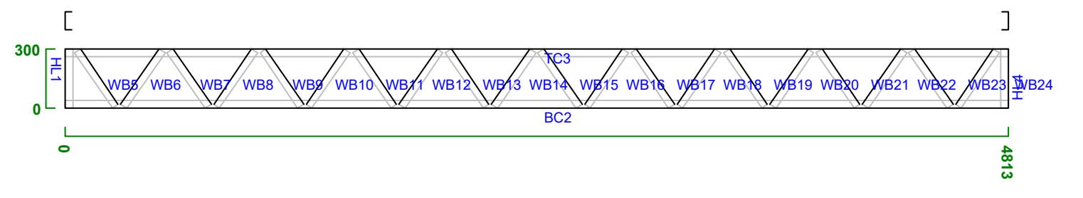
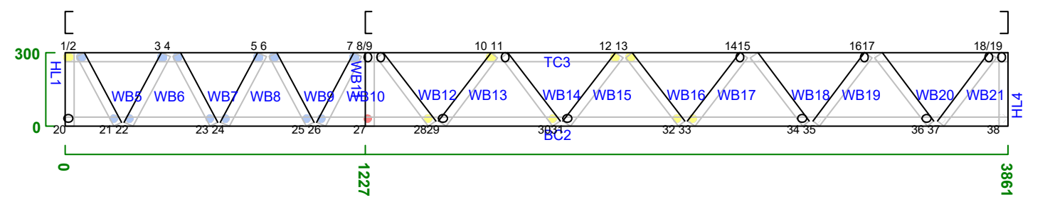
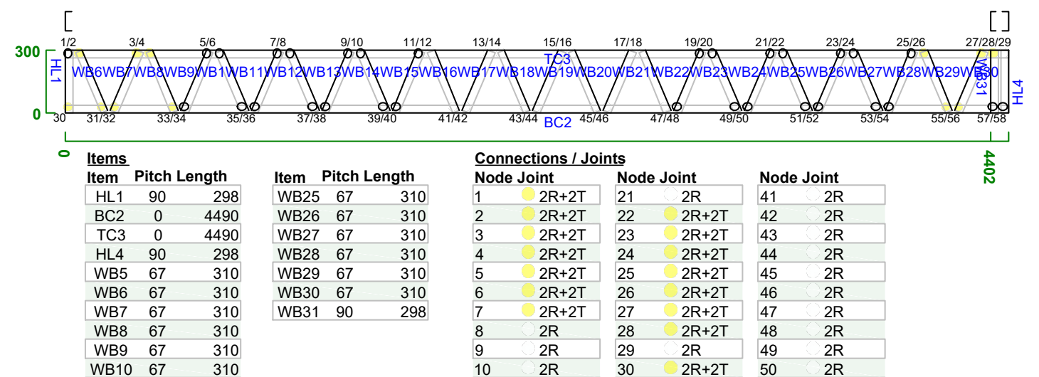


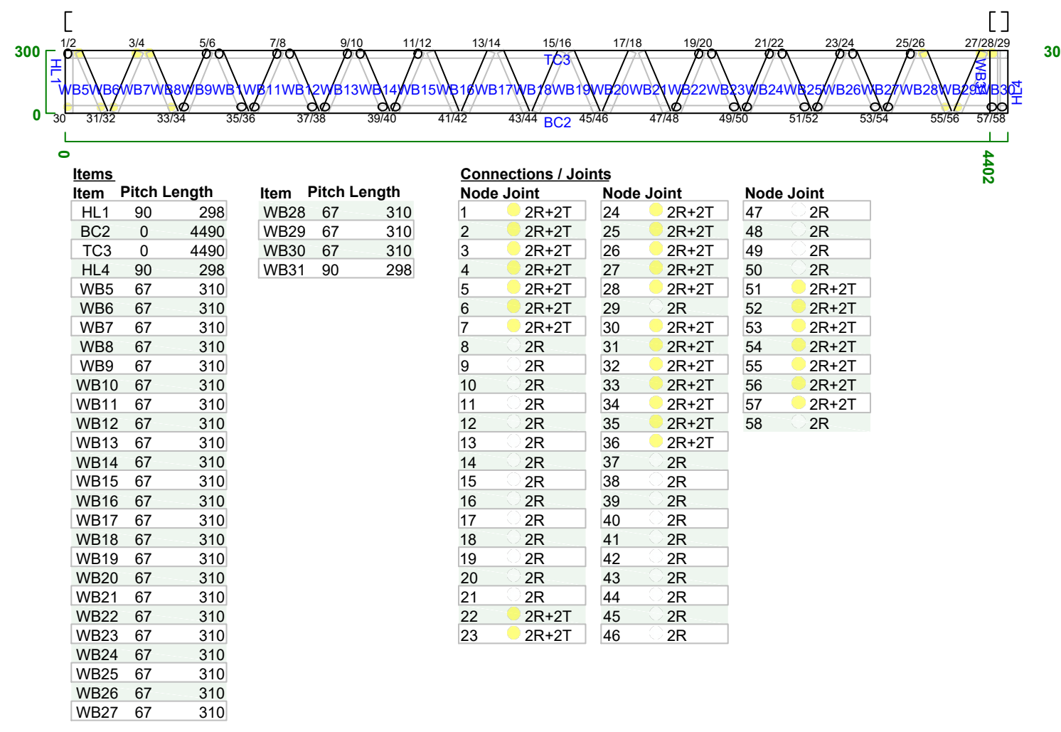
F42 C90_37-0.75BMT-G350 No Of Plies:1
1 : 42 Kind: Floor Joist



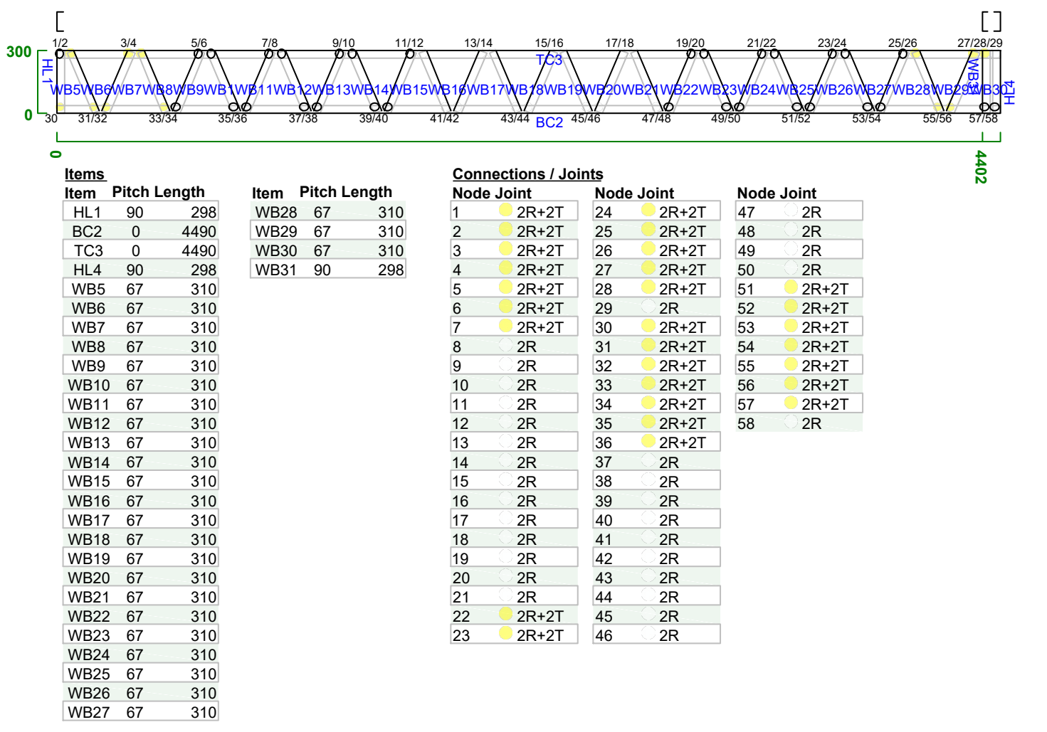
F59 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



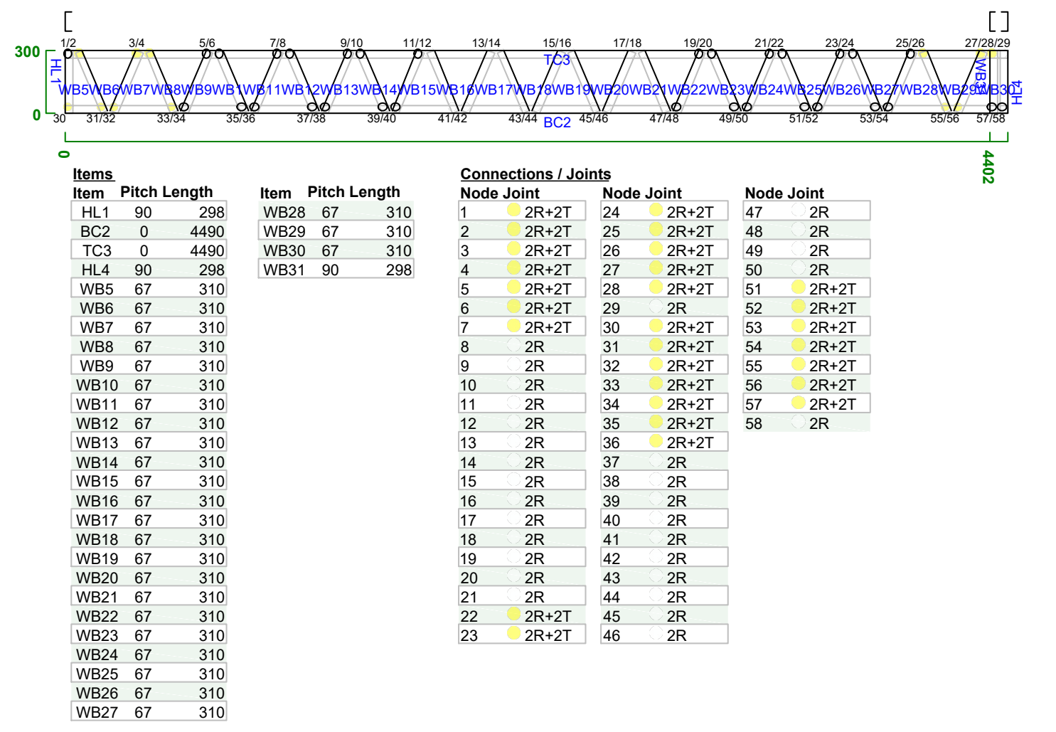
F52 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



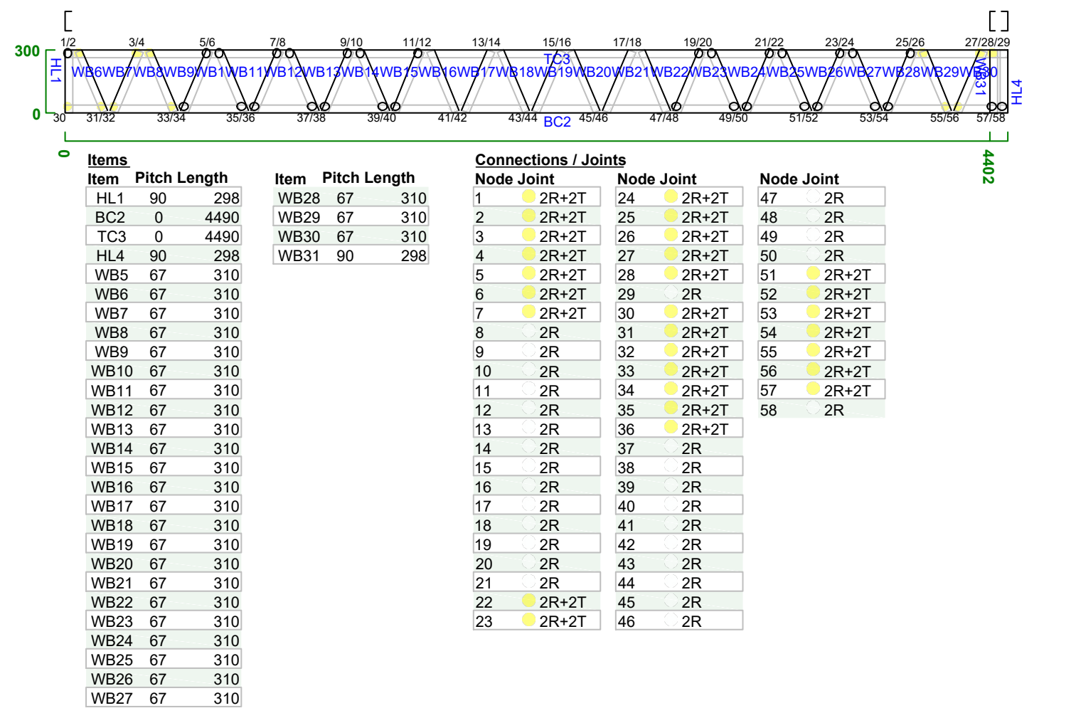
F54 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



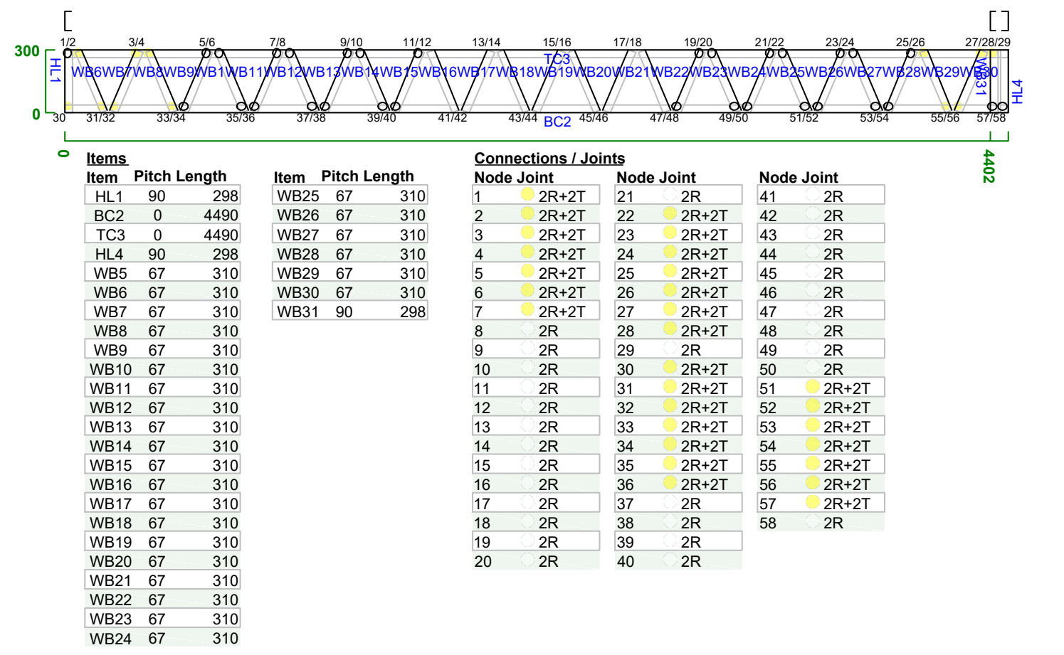
F56 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



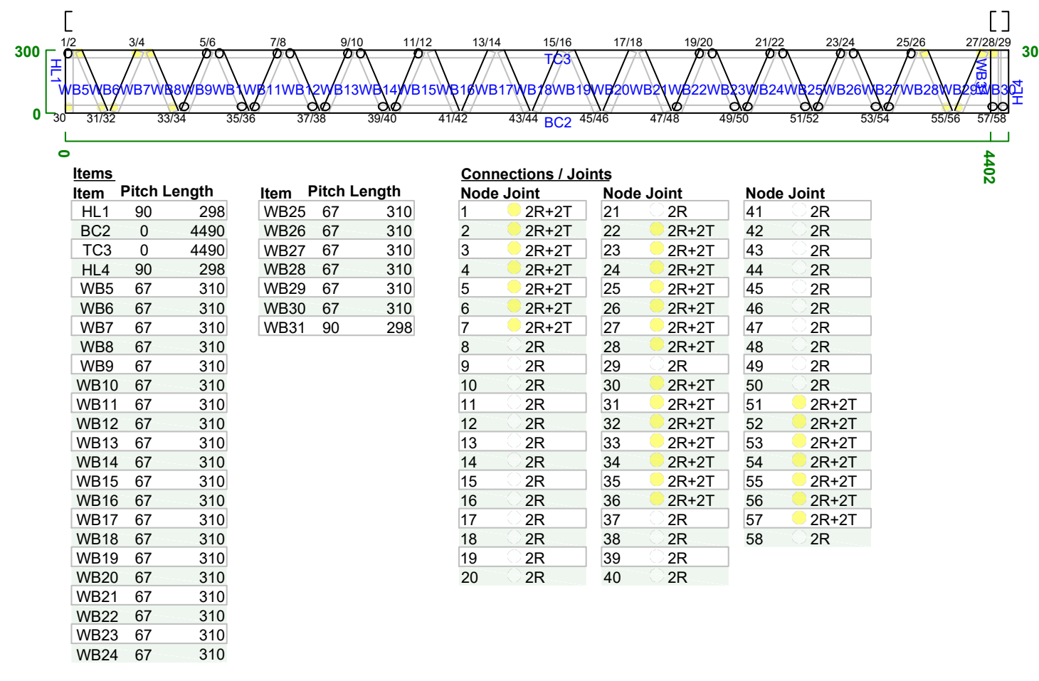
F60 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



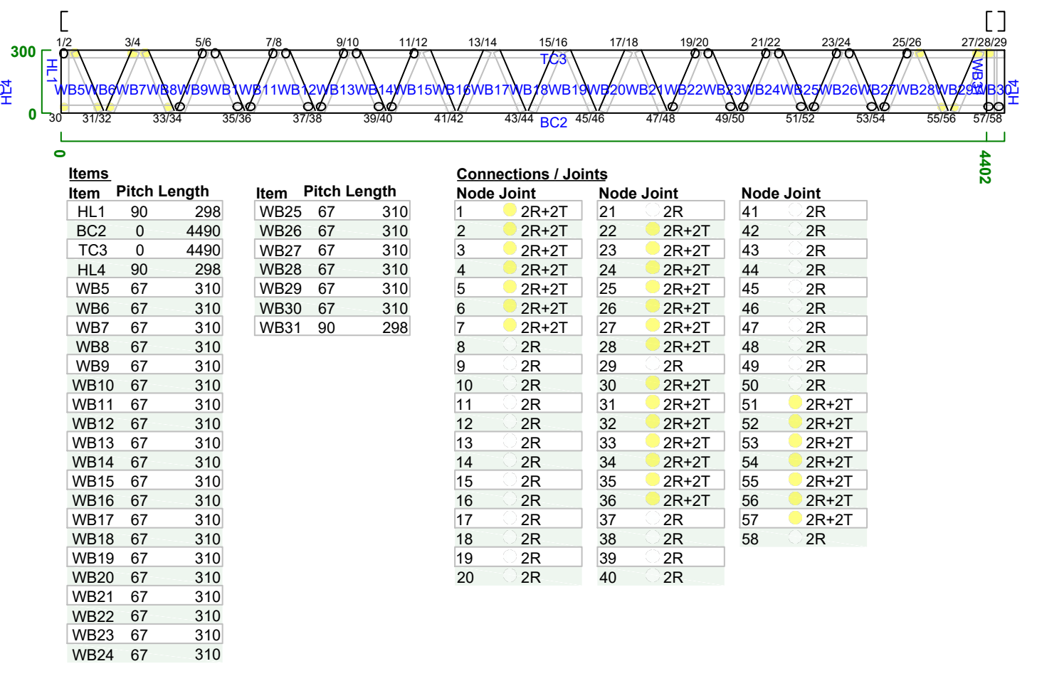
F63 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



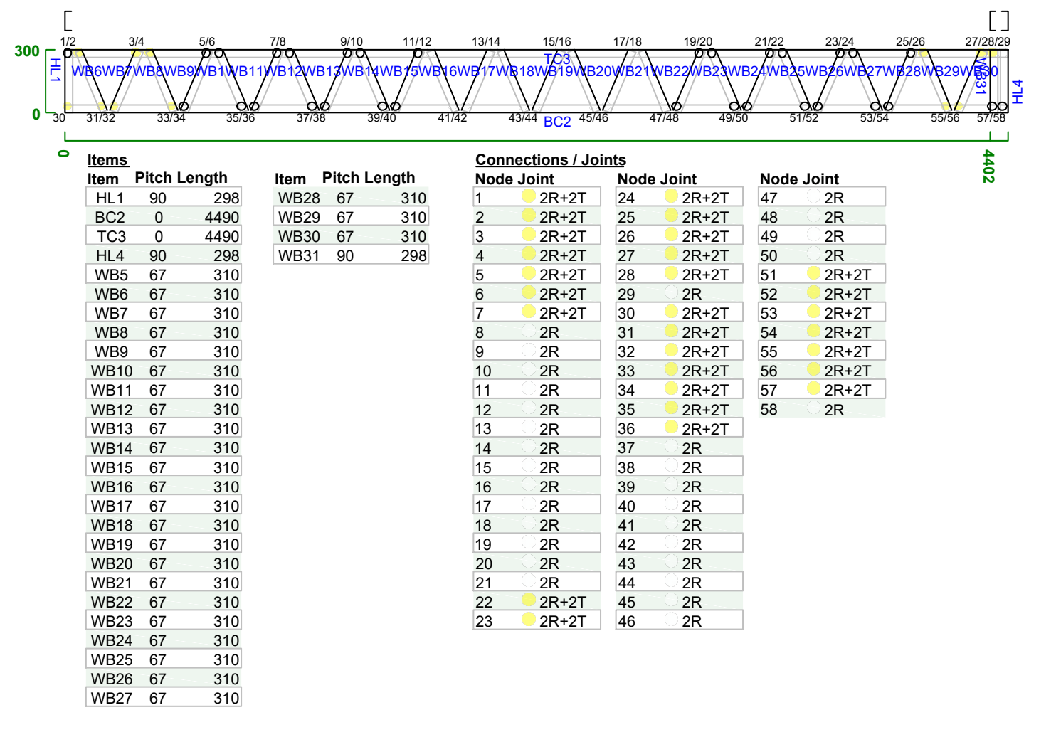
F55 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



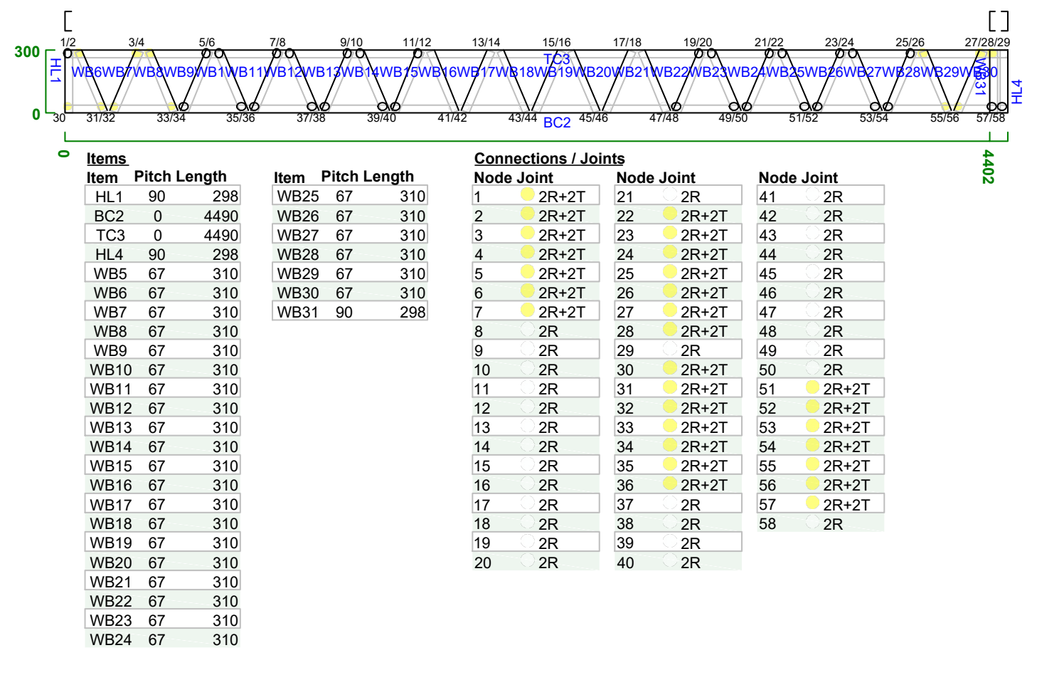
F57 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



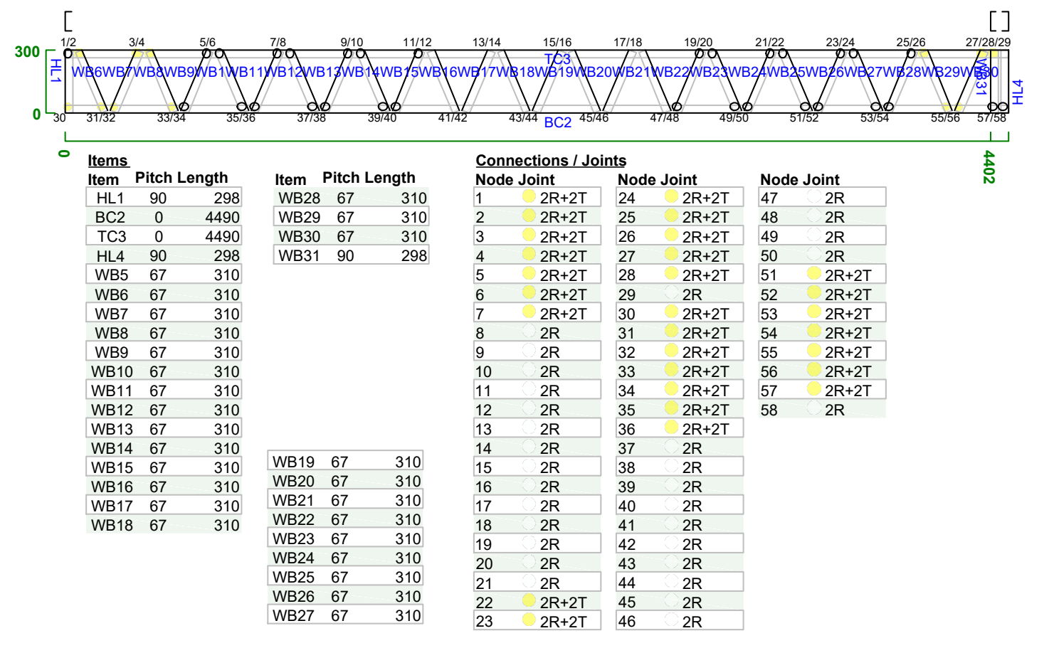
F62 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



F61 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



F64 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist



CIUDAD DE YOLOMBÓ

**ESTUDIOS Y DISEÑOS PARA LA
CONSTRUCCIÓN DEL CEDI,
CENTRO DE DISTRIBUCIÓN DE
MEDICAMENTOS DEL HOSPITAL
SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael Yolombó Transformando vidas

**HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO**

**HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO ingenieria

OBRA:

**CEDI HOSPITAL
YOLOMBO**

CONTIENE:
DESPIECE DE MUROS 2

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037–0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |
| | | |
| | | |
| | | |
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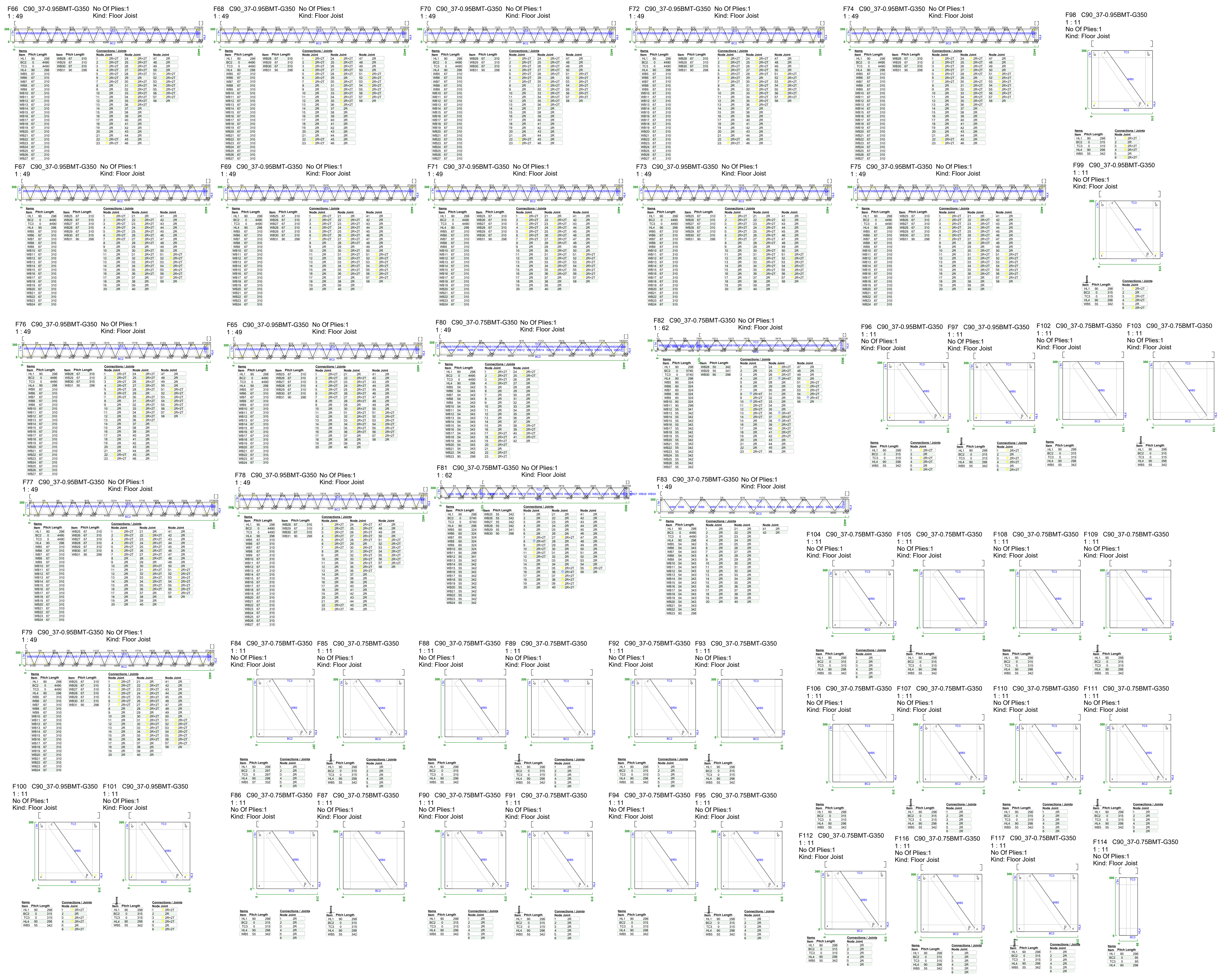
FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
ARCHIVO: EST–CEDI YOLOMBO
PLANO N°: 402


F66 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F68 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F70 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F72 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F74 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F98 C90_37-0.95BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F67 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F69 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F71 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F73 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F75 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F99 C90_37-0.95BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F76 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F65 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F80 C90_37-0.75BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F82 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62 Kind: Floor Joist
F96 C90_37-0.95BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F97 C90_37-0.95BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F102 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F103 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F77 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F78 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F81 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62 Kind: Floor Joist
F83 C90_37-0.75BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F104 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F105 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F108 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F109 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F79 C90_37-0.95BMT-G350 No Of Plies:1
1 : 49 Kind: Floor Joist
F84 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F85 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F88 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F89 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F92 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F93 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F106 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F107 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F110 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F111 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F100 C90_37-0.95BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F101 C90_37-0.95BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F86 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F87 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F90 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F91 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F94 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F95 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F112 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F116 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F117 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F114 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
300
TC3
BC2
HL4
WB5
Items
Item Pitch Length
Connections / Joints
Node Joint

CIUDAD DE YOLOMBÓ

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO ingeniería

OBRA:

**CEDI HOSPITAL YOLOMBO**

CONTIENE:
DESPIECE MUROS 3

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

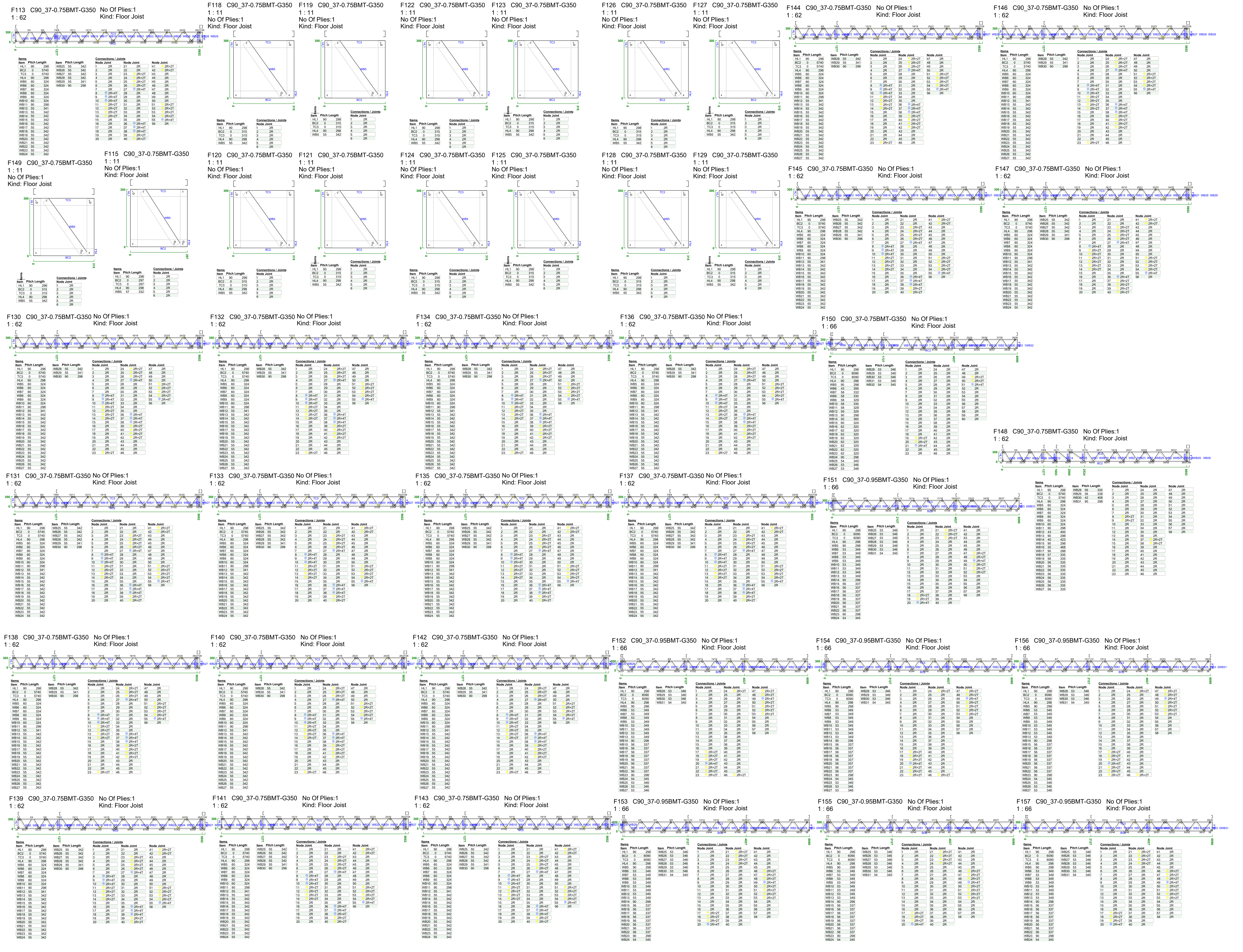
FIRMA:
ING. CESAR COROBA
MATRICULA: 011037-0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
PLANO N°: 403
ARCHIVO: EST-CEDI YOLOMBO


F113 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F118 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F119 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F122 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F123 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F126 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F127 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F144 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F146 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F149 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F115 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F120 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F121 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F124 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F125 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F128 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F129 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist
F145 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F147 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F130 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F132 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F134 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F136 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F150 C90_37-0.75BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist
F148 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F131 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F133 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F135 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F137 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F151 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist
F138 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F140 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F142 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F152 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist
F154 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist
F156 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist
F139 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F141 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F143 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F153 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist
F155 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist
F157 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

**CONVERGE CONSTRUCTORES S.A.S**

OBRA:

**CEDI HOSPITAL**
**YOLOMBO**

CONTIENE:
DESPIECE MUROS
4

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037–0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |
| | | |
| | | |
| | | |
| | | |

FECHA:
11/12/2025

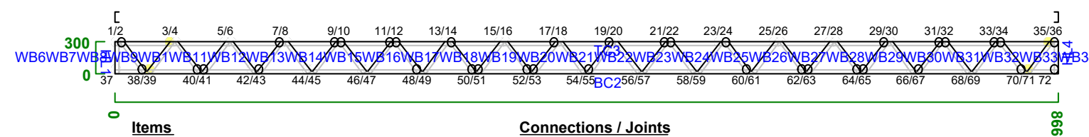
ESCALA P:
INDICADA

CODIGO:

PLANO N°:
404

ARCHIVO:
EST–CEDI YOLOMBO

F158 C90_37-0.95BMT-G350 No Of Plies:3
1 : 94
Kind: Floor Joist



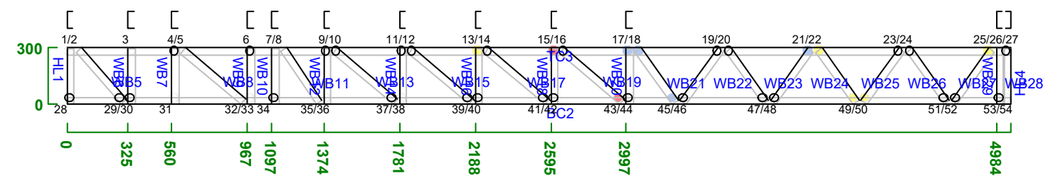
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 8660 |
| TC3 | 0 | 8660 |
| HL4 | 90 | 298 |
| WB5 | 53 | 348 |
| WB6 | 53 | 348 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 53 | 349 |
| WB15 | 53 | 349 |
| WB16 | 53 | 349 |
| WB17 | 53 | 349 |
| WB18 | 53 | 349 |
| WB19 | 53 | 349 |
| WB20 | 53 | 349 |
| WB21 | 53 | 349 |
| WB22 | 53 | 349 |
| WB23 | 53 | 349 |
| WB24 | 53 | 349 |
| WB25 | 53 | 349 |
| WB26 | 53 | 349 |
| WB27 | 53 | 349 |
| WB28 | 53 | 349 |
| WB29 | 53 | 349 |
| WB30 | 53 | 349 |
| WB31 | 53 | 349 |
| WB32 | 53 | 349 |
| WB33 | 53 | 349 |
| WB34 | 53 | 349 |
| WB35 | 53 | 349 |
| WB36 | 53 | 349 |
| WB37 | 53 | 348 |
| WB38 | 53 | 348 |

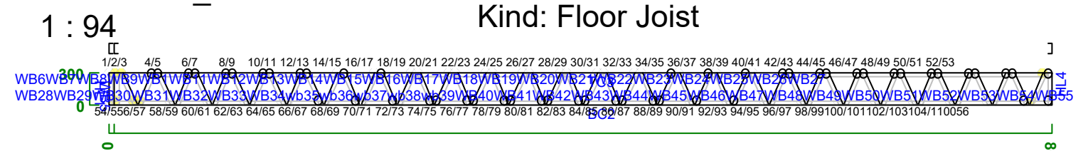
**Connections / Joints**

| Node | Joint | Node | Joint | Node | Joint |
|---|---|---|---|---|---|
| 1 | 2R | 25 | 2R | 49 | 2R |
| 2 | 2R+2T | 26 | 2R | 50 | 2R |
| 3 | 2R+2T | 27 | 2R | 51 | 2R |
| 4 | 2R | 28 | 2R | 52 | 2R |
| 5 | 2R | 29 | 2R | 53 | 2R |
| 6 | 2R | 30 | 2R | 54 | 2R |
| 7 | 2R | 31 | 2R | 55 | 2R |
| 8 | 2R | 32 | 2R | 56 | 2R |
| 9 | 2R | 33 | 2R | 57 | 2R |
| 10 | 2R | 34 | 2R+2T | 58 | 2R |
| 11 | 2R | 35 | 2R+2T | 59 | 2R |
| 12 | 2R | 36 | 2R | 60 | 2R |
| 13 | 2R | 37 | 2R | 61 | 2R |
| 14 | 2R | 38 | 2R+2T | 62 | 2R |
| 15 | 2R | 39 | 2R+2T | 63 | 2R |
| 16 | 2R | 40 | 2R | 64 | 2R |
| 17 | 2R | 41 | 2R | 65 | 2R |
| 18 | 2R | 42 | 2R | 66 | 2R |
| 19 | 2R | 43 | 2R | 67 | 2R |
| 20 | 2R | 44 | 2R | 68 | 2R |
| 21 | 2R | 45 | 2R | 69 | 2R |
| 22 | 2R | 46 | 2R | 70 | 2R+2T |
| 23 | 2R | 47 | 2R | 71 | 2R+2T |
| 24 | 2R | 48 | 2R | 72 | 2R |

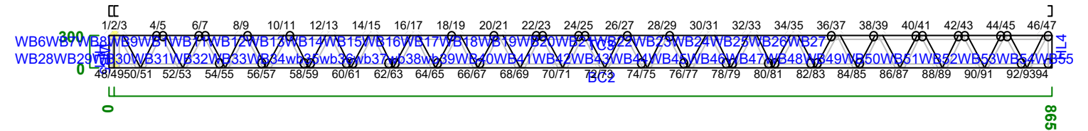
F159 C90_37-0.95BMT-G350 No Of Plies:3
1 : 55
Kind: Floor Joist



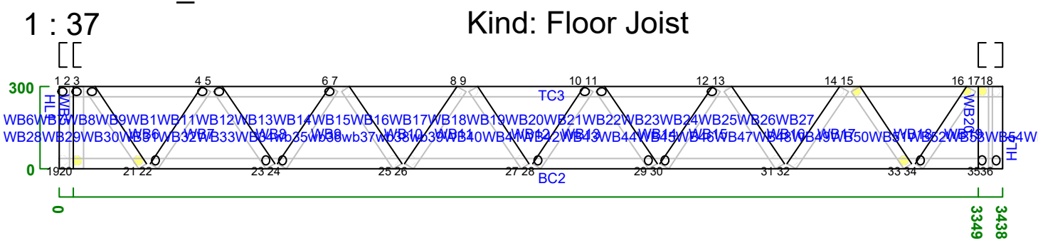
F160 C90_37-0.95BMT-G350 No Of Plies:3
1 : 94
Kind: Floor Joist



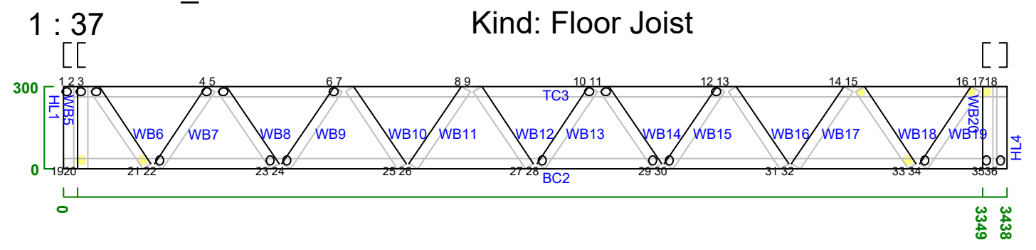
F161 C90_37-0.95BMT-G350 No Of Plies:4
1 : 94
Kind: Floor Joist



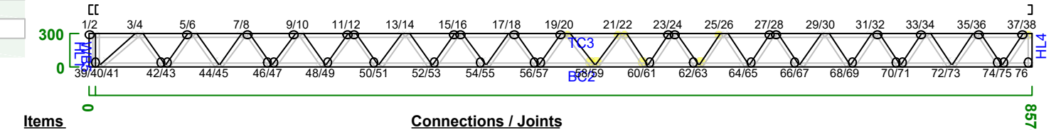
F172 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



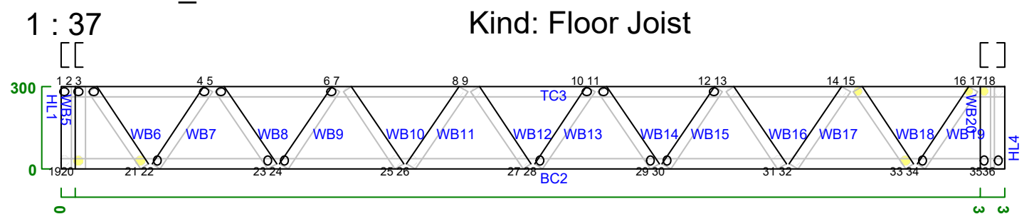
F173 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



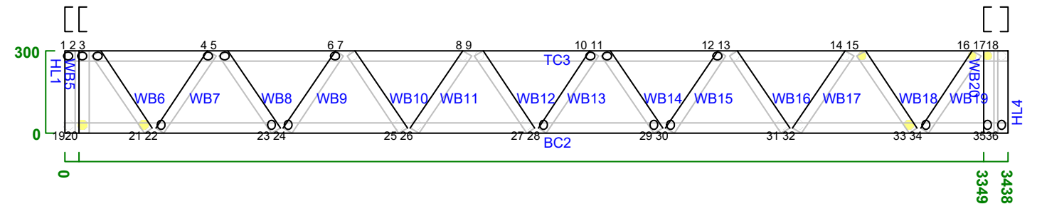
F162 C90_37-0.75BMT-G350 No Of Plies:1
1 : 93
Kind: Floor Joist



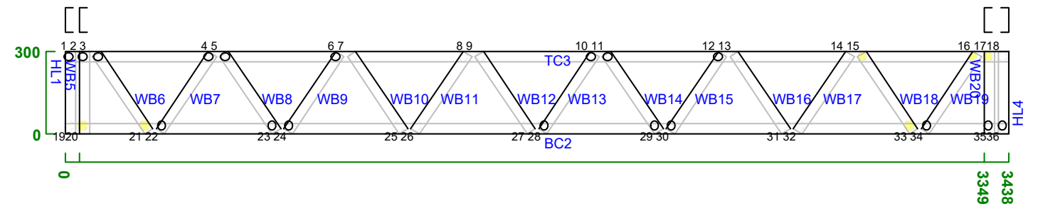
F174 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



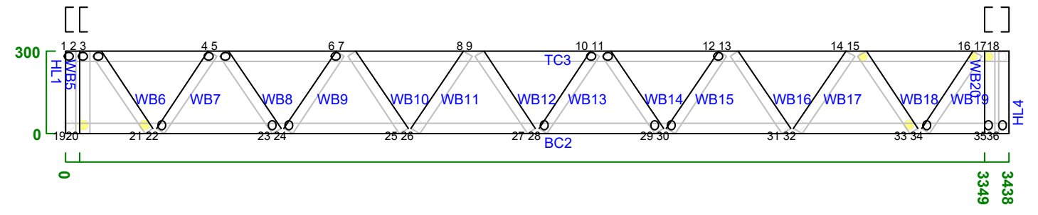
F175 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



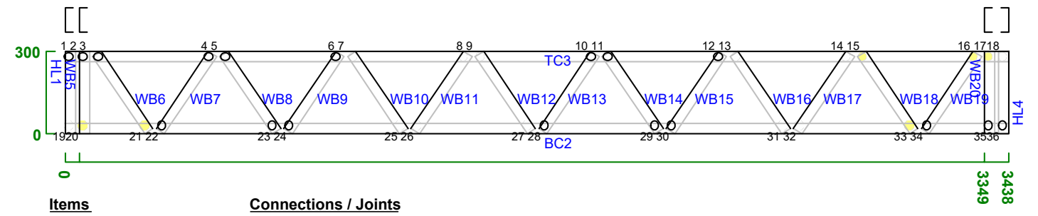
F176 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



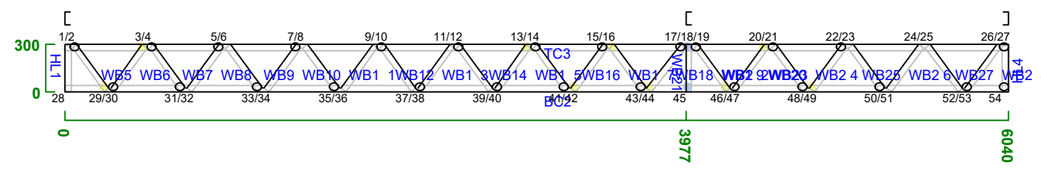
F177 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



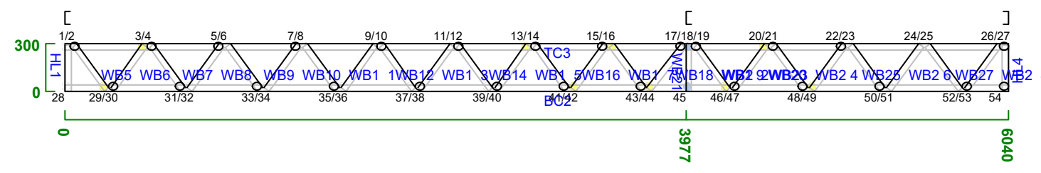
F163 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



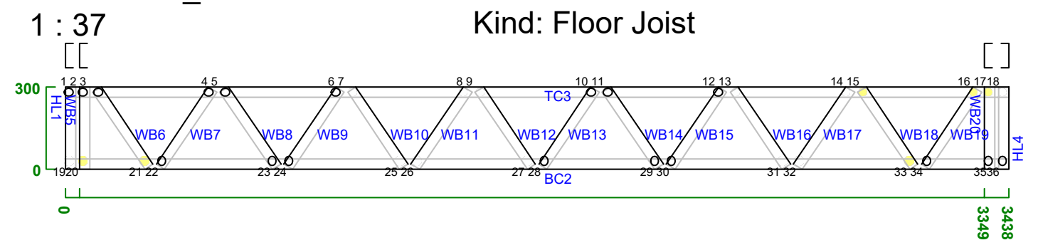
F188 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



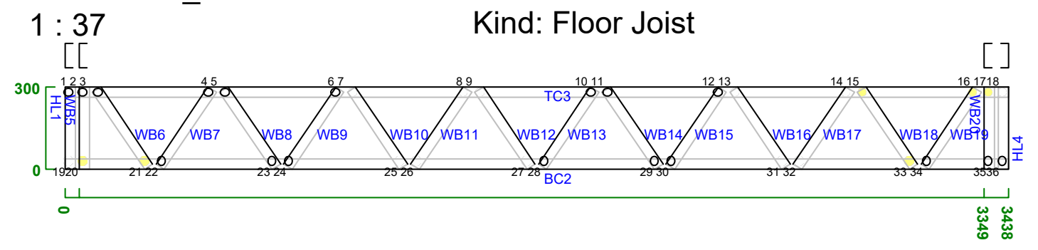
F189 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



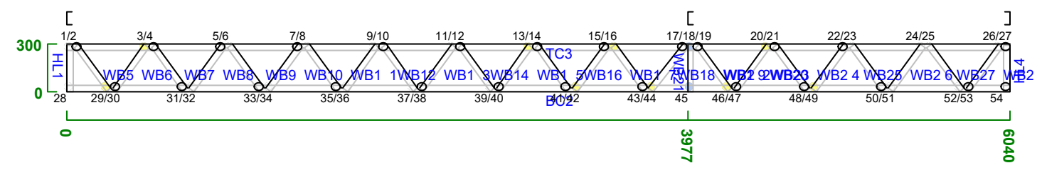
F164 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



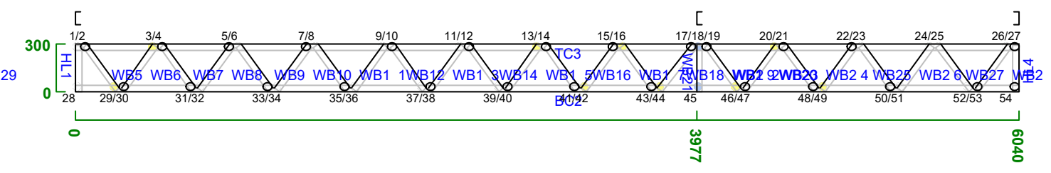
F168 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



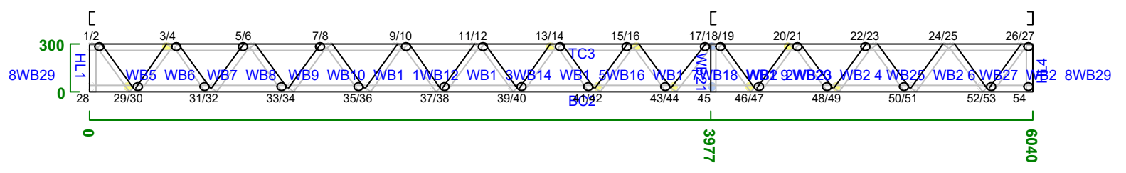
F182 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



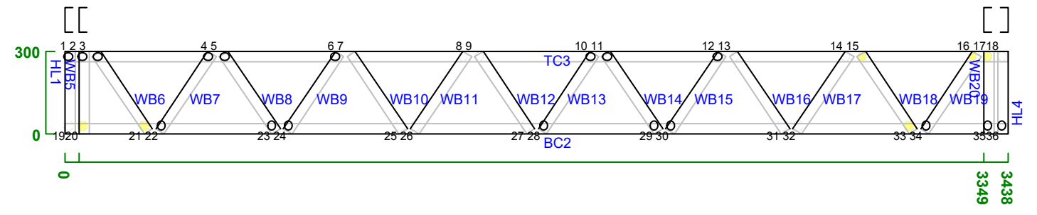
F184 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



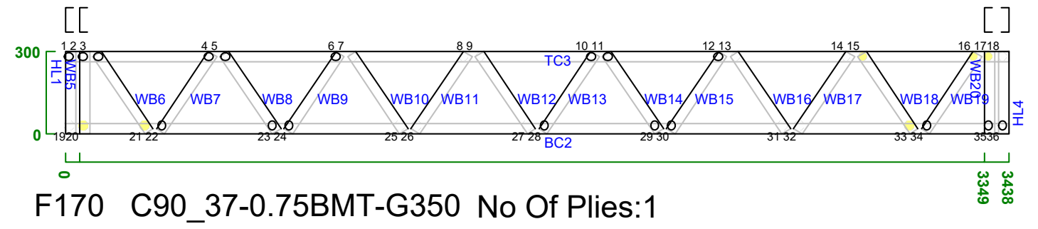
F186 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



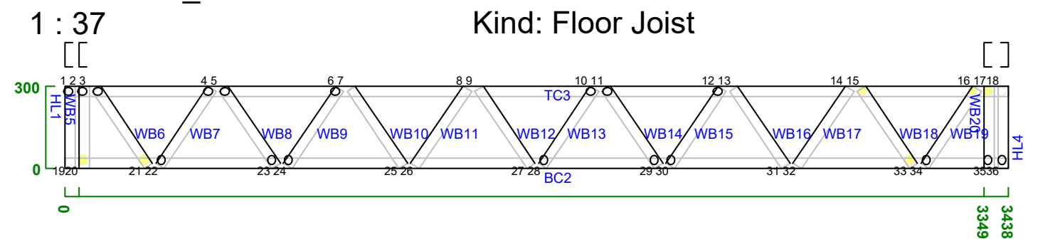
F165 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



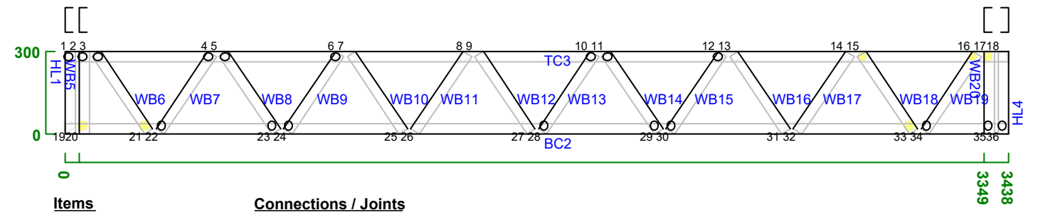
F169 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



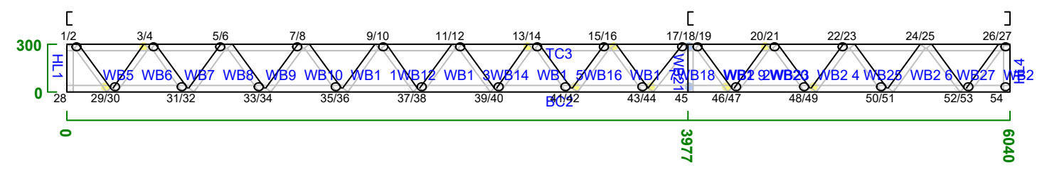
F166 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



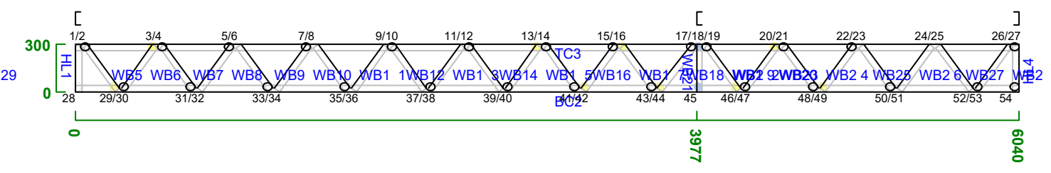
F170 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



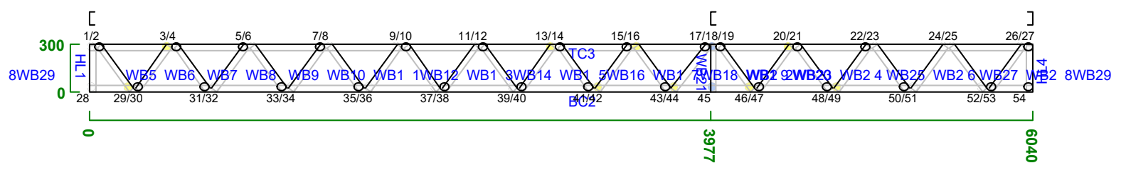
F183 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



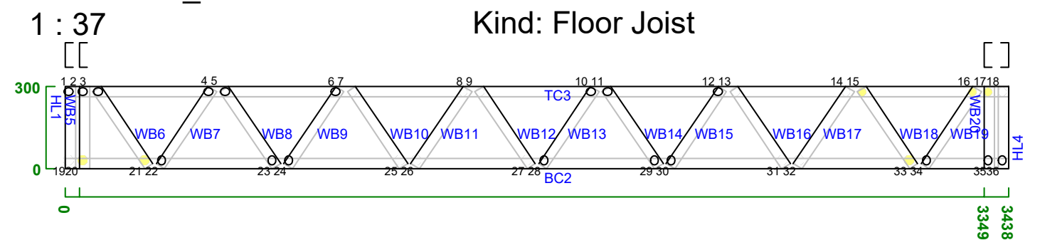
F185 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



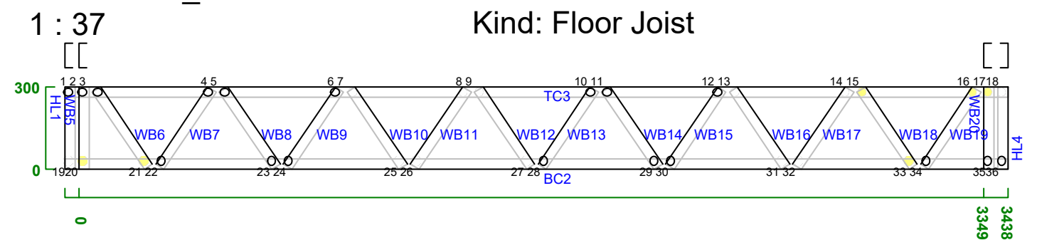
F187 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



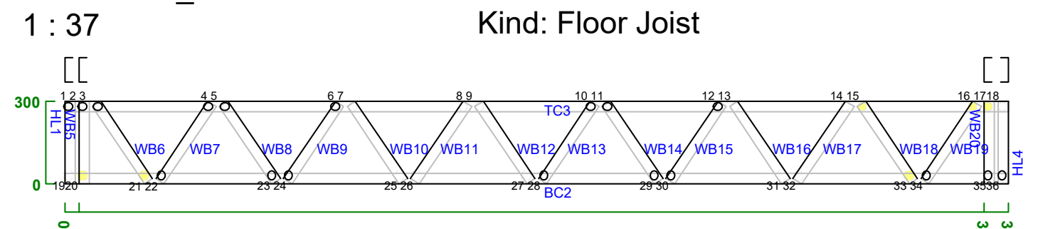
F167 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



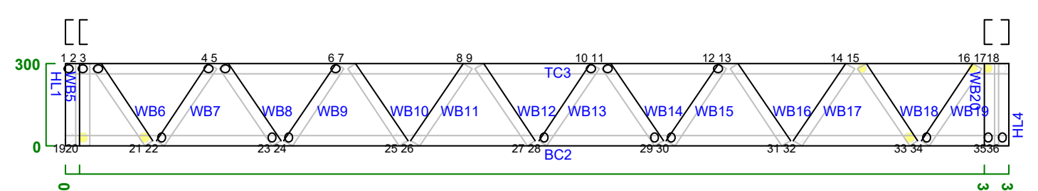
F171 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



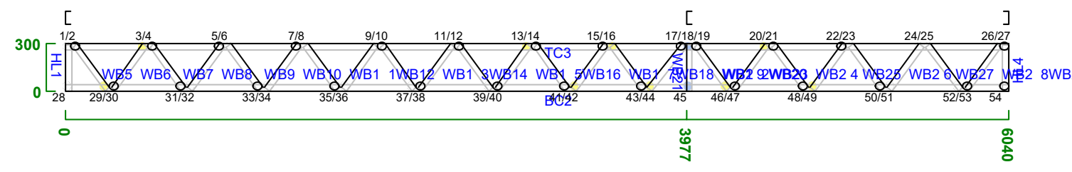
F178 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



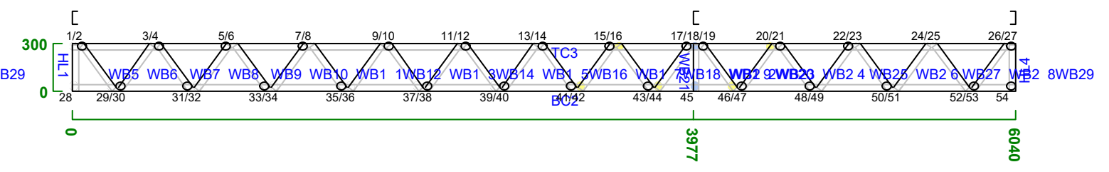
F180 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



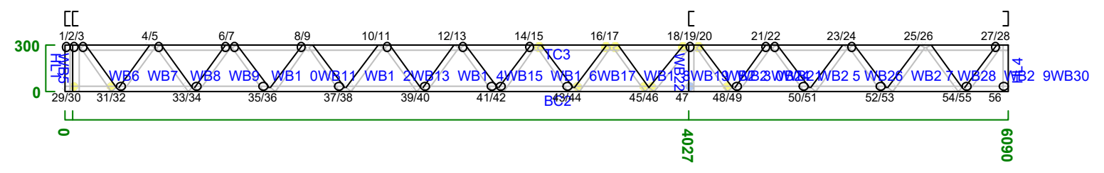
F190 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



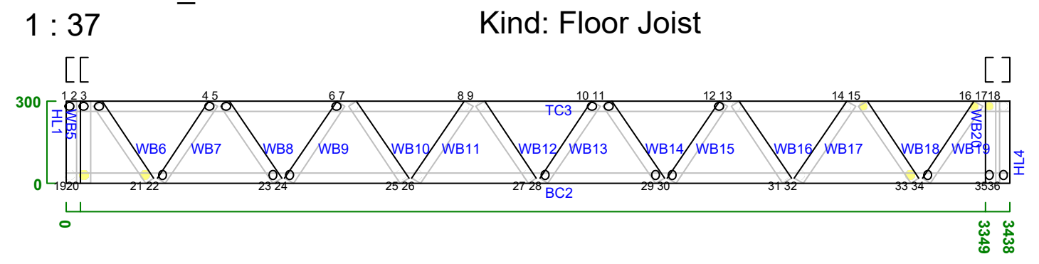
F192 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



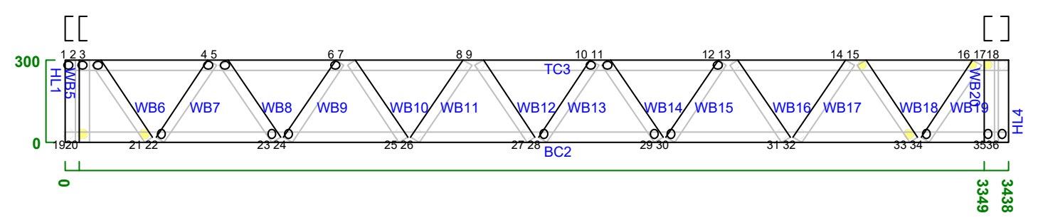
F194 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



F179 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



F181 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



ESTUDIOS Y DISEÑOS PARA LA
CONSTRUCCIÓN DEL CEDI,
CENTRO DE DISTRIBUCIÓN DE
MEDICAMENTOS DEL HOSPITAL
SAN RAFAEL DE YOLOMBÓ

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas
HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

CONSULTOR:

CONVERGE CONSTRUCTORES S.A.S

LIENZO
ingeniería

OBRA:
CEDI HOSPITAL
YOLOMBO

CONTIENE:
DESPIECE MUROS 5

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037–0612583 ANT

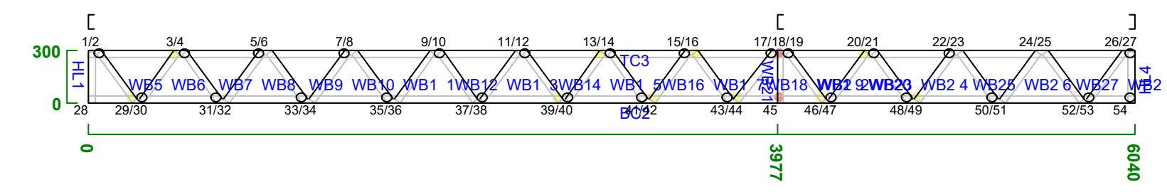
FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

| FECHA: 11/12/2025 | ESCALA P: INDICADA |
|---|---|
| CODIGO: | PLANO N°: 405 |
| ARCHIVO: EST–CEDI YOLOMBO | |

F191 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



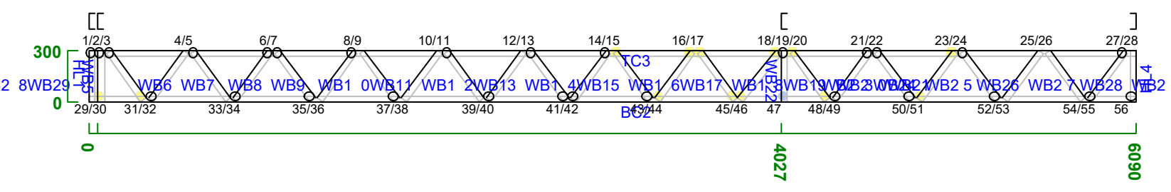
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6040 |
| TC3 | 0 | 6040 |
| HL4 | 90 | 298 |
| WB5 | 54 | 344 |
| WB6 | 54 | 345 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 51 | 356 |
| WB21 | 90 | 298 |
| WB22 | 54 | 345 |
| WB23 | 53 | 346 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R+2T |
| 13 | 2R+2T |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | FAIL |
| 19 | 2R+2T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R+2T |
| 30 | 2R+2T |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R+2T |
| 40 | 2R+2T |
| 41 | 2R+2T |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | FAIL |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R |
| 51 | 2R |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |

F196 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



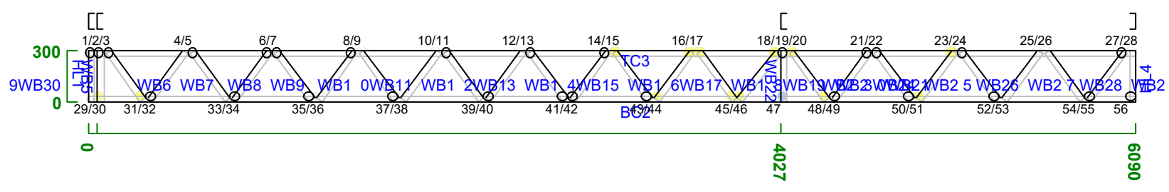
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 51 | 356 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+4T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R+2T |
| 31 | 2R+2T |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+4T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F195 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



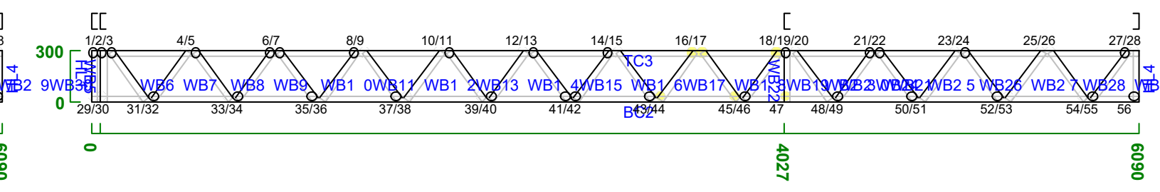
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 51 | 356 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+4T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R+2T |
| 31 | 2R+2T |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+4T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F193 C90_37-0.75BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



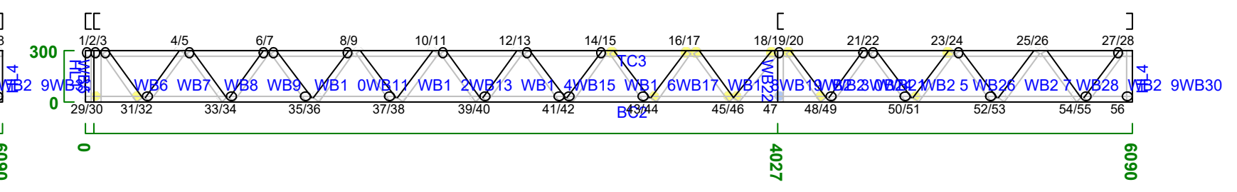
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 54 | 344 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R |
| 21 | 2R |
| 22 | 2R |
| 23 | 2R |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R |
| 49 | 2R |
| 50 | 2R |
| 51 | 2R |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F197 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



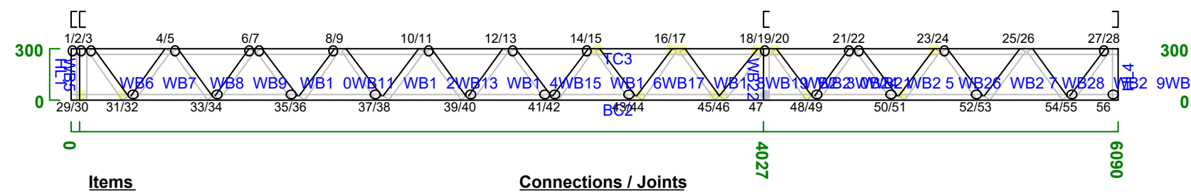
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 51 | 356 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+4T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R+2T |
| 31 | 2R+2T |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+4T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F198 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



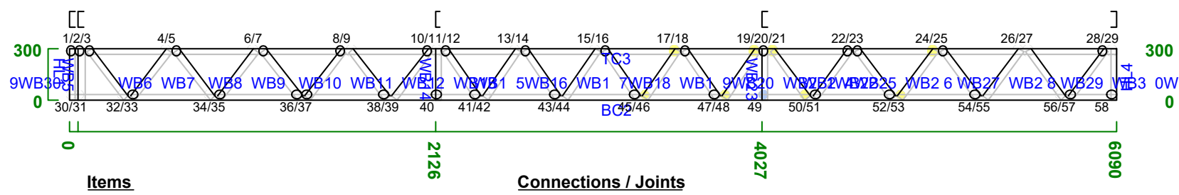
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 51 | 356 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+4T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R+2T |
| 31 | 2R+2T |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+4T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F200 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



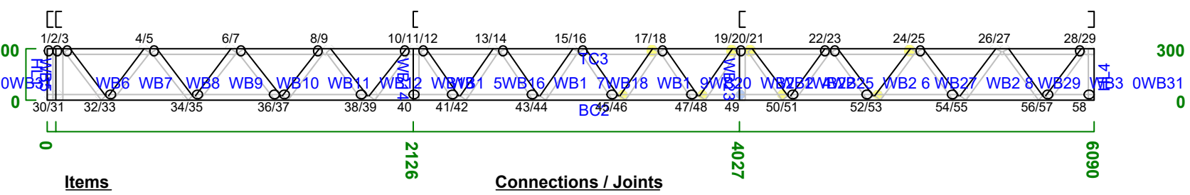
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R+2T |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R+2T |
| 53 | 2R+2T |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F202 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



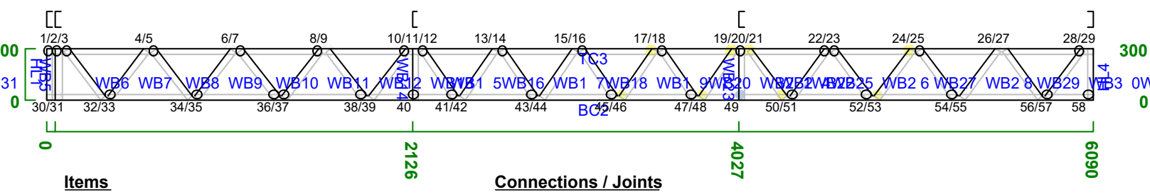
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R+2T |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R+2T |
| 53 | 2R+2T |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F204 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



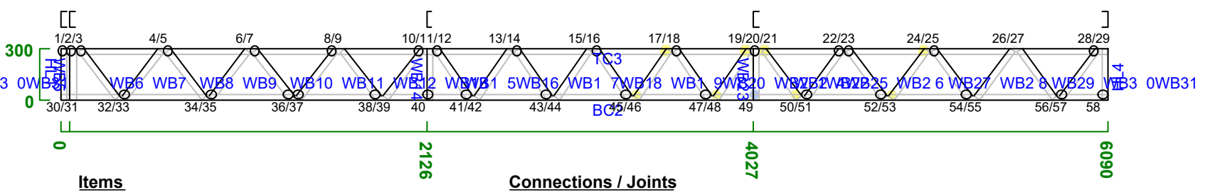
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R+2T |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R+2T |
| 53 | 2R+2T |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F206 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



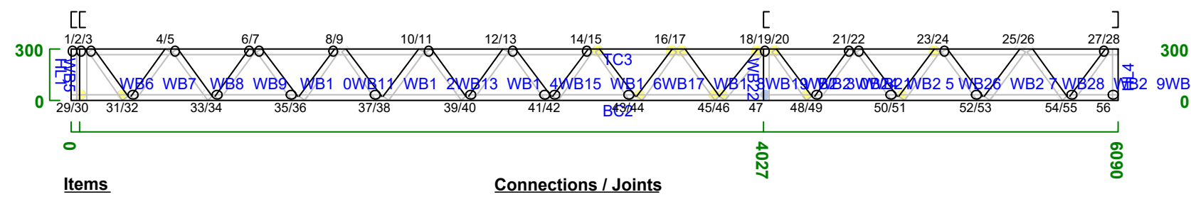
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R+2T |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R+2T |
| 53 | 2R+2T |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F199 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



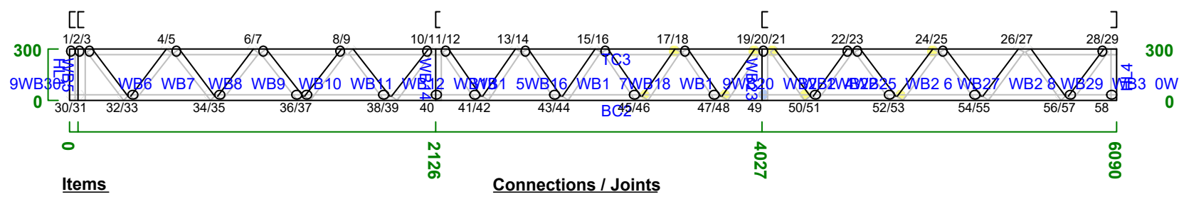
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 51 | 356 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+4T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R+2T |
| 31 | 2R+2T |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+4T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F201 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



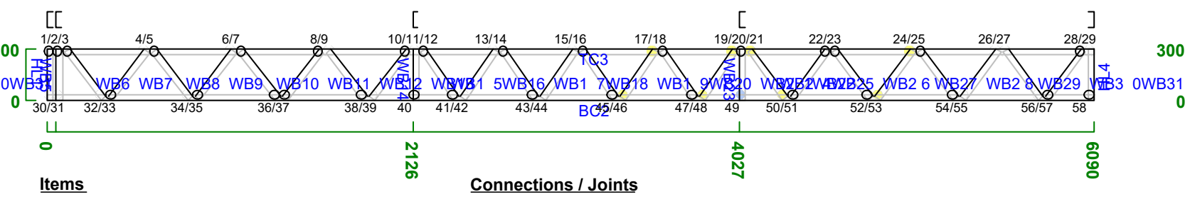
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R+2T |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R+2T |
| 53 | 2R+2T |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F203 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



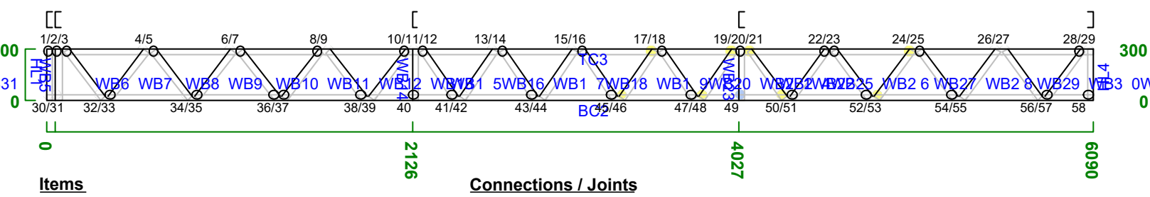
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R+2T |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R+2T |
| 53 | 2R+2T |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F205 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



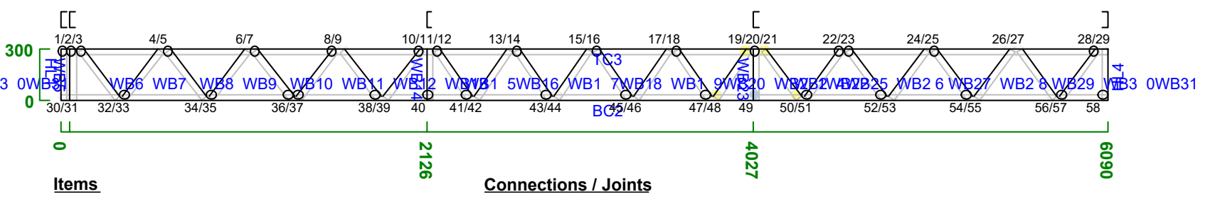
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R+2T |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R+2T |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R+2T |
| 53 | 2R+2T |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F207 C90_37-0.75BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



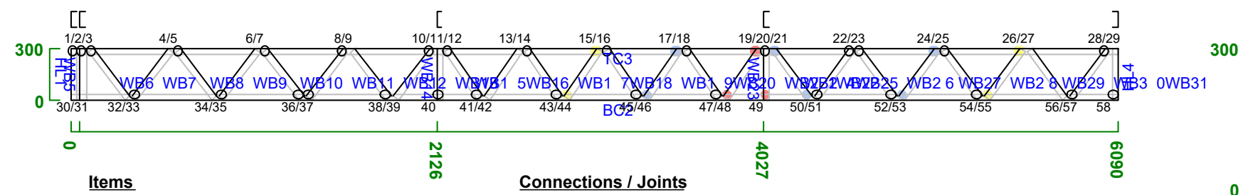
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R |
| 18 | 2R+2T |
| 19 | 2R+2T |
| 20 | 2R+4T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R |
| 45 | 2R |
| 46 | 2R |
| 47 | 2R+2T |
| 48 | 2R+2T |
| 49 | 2R+4T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F208 C90_37-0.95BMT-G350 No Of Plies:2
1 : 66 Kind: Floor Joist



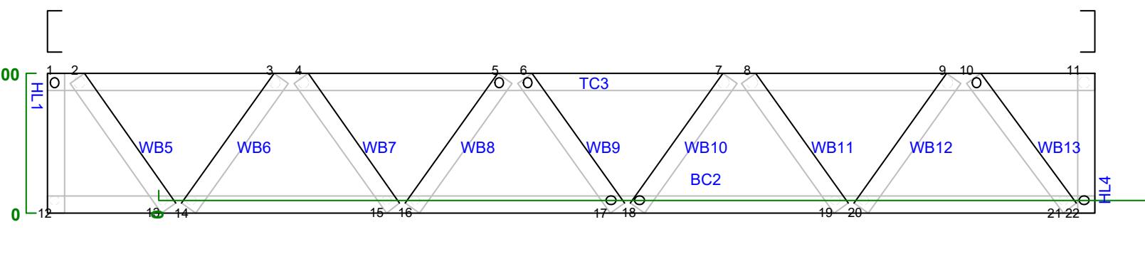
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 53 | 349 |
| WB7 | 53 | 349 |
| WB8 | 53 | 349 |
| WB9 | 53 | 349 |
| WB10 | 53 | 349 |
| WB11 | 53 | 349 |
| WB12 | 53 | 349 |
| WB13 | 53 | 349 |
| WB14 | 90 | 298 |
| WB15 | 56 | 337 |
| WB16 | 56 | 337 |
| WB17 | 56 | 337 |
| WB18 | 56 | 337 |
| WB19 | 56 | 337 |
| WB20 | 56 | 337 |
| WB21 | 56 | 337 |
| WB22 | 56 | 337 |
| WB23 | 90 | 298 |
| WB24 | 54 | 345 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 53 | 346 |
| WB31 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+4T |
| 18 | FAIL |
| 19 | FAIL |
| 20 | FAIL |
| 21 | 2R+4T |
| 22 | 2R+4T |
| 23 | 2R+4T |
| 24 | 2R+4T |
| 25 | 2R+2T |
| 26 | 2R+2T |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+4T |
| 47 | FAIL |
| 48 | FAIL |
| 49 | FAIL |
| 50 | 2R+4T |
| 51 | 2R+4T |
| 52 | 2R+4T |
| 53 | 2R+4T |
| 54 | 2R+2T |
| 55 | 2R+2T |
| 56 | 2R |
| 57 | 2R |
| 58 | 2R |

F210 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24 Kind: Floor Joist



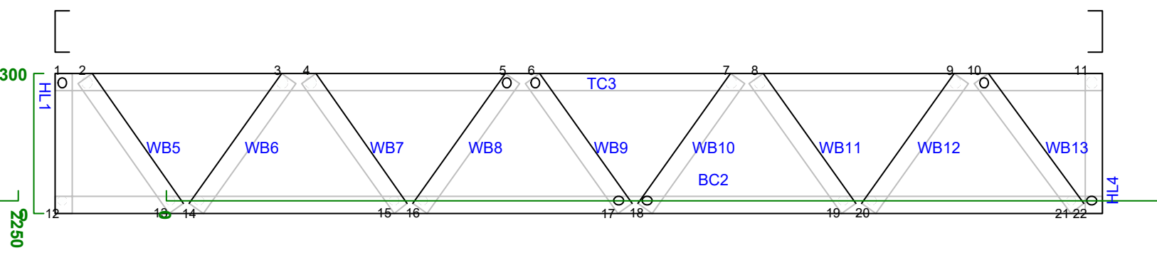
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 2250 |
| TC3 | 0 | 2250 |
| HL4 | 90 | 298 |
| WB5 | 55 | 342 |
| WB6 | 54 | 342 |
| WB7 | 54 | 342 |
| WB8 | 54 | 342 |
| WB9 | 54 | 342 |
| WB10 | 54 | 342 |
| WB11 | 54 | 342 |
| WB12 | 54 | 342 |
| WB13 | 53 | 347 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R |
| 18 | 2R |
| 19 | 2R |
| 20 | 2R |
| 21 | 2R |
| 22 | 2R |

F212 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24 Kind: Floor Joist



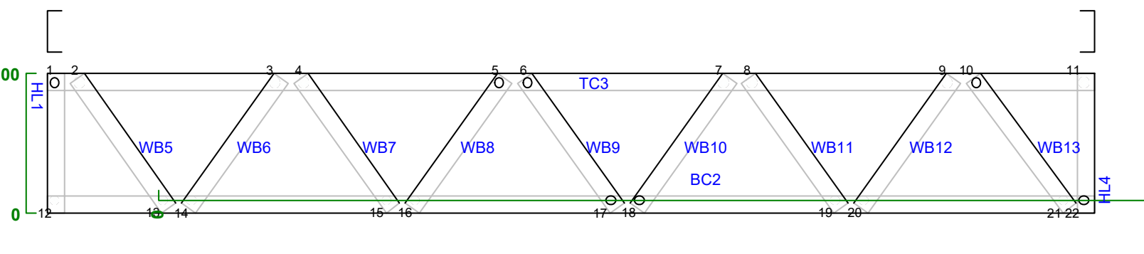
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 2250 |
| TC3 | 0 | 2250 |
| HL4 | 90 | 298 |
| WB5 | 55 | 342 |
| WB6 | 54 | 342 |
| WB7 | 54 | 342 |
| WB8 | 54 | 342 |
| WB9 | 54 | 342 |
| WB10 | 54 | 342 |
| WB11 | 54 | 342 |
| WB12 | 54 | 342 |
| WB13 | 53 | 347 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R |
| 18 | 2R |
| 19 | 2R |
| 20 | 2R |
| 21 | 2R |
| 22 | 2R |

F214 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24 Kind: Floor Joist



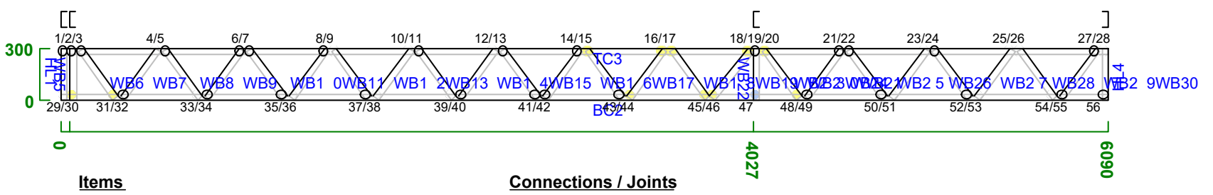
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 2250 |
| TC3 | 0 | 2250 |
| HL4 | 90 | 298 |
| WB5 | 55 | 342 |
| WB6 | 54 | 342 |
| WB7 | 54 | 342 |
| WB8 | 54 | 342 |
| WB9 | 54 | 342 |
| WB10 | 54 | 342 |
| WB11 | 54 | 342 |
| WB12 | 54 | 342 |
| WB13 | 53 | 347 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R |
| 18 | 2R |
| 19 | 2R |
| 20 | 2R |
| 21 | 2R |
| 22 | 2R |

F216 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



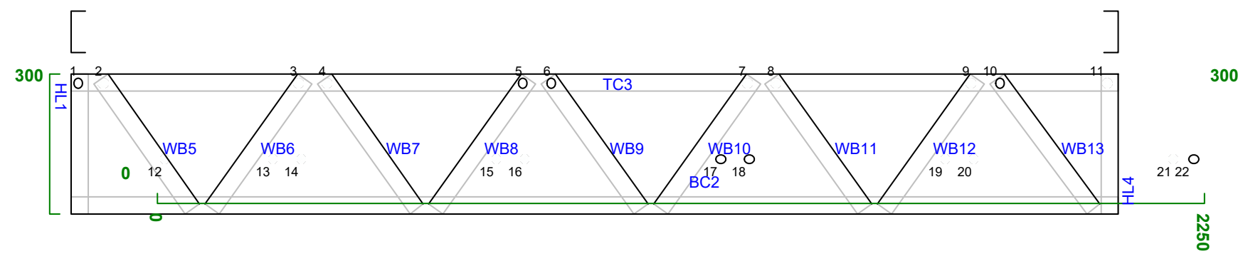
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 51 | 356 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+4T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R+2T |
| 31 | 2R+2T |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+4T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F209 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24 Kind: Floor Joist



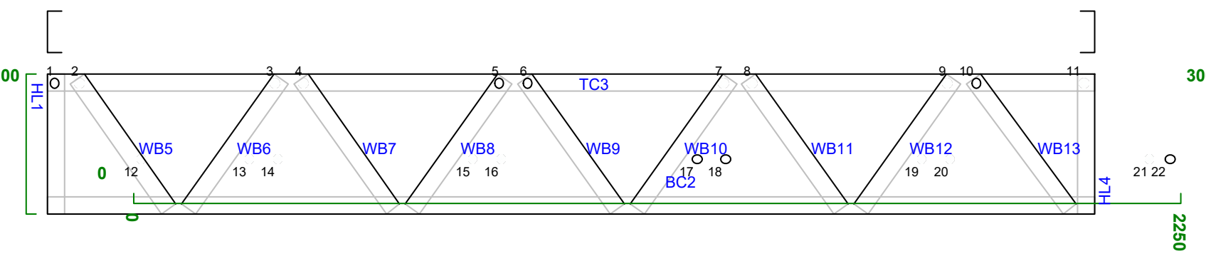
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 2250 |
| TC3 | 0 | 2250 |
| HL4 | 90 | 298 |
| WB5 | 55 | 342 |
| WB6 | 54 | 342 |
| WB7 | 54 | 342 |
| WB8 | 54 | 342 |
| WB9 | 54 | 342 |
| WB10 | 54 | 342 |
| WB11 | 54 | 342 |
| WB12 | 54 | 342 |
| WB13 | 53 | 347 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R |
| 18 | 2R |
| 19 | 2R |
| 20 | 2R |
| 21 | 2R |
| 22 | 2R |

F211 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24 Kind: Floor Joist



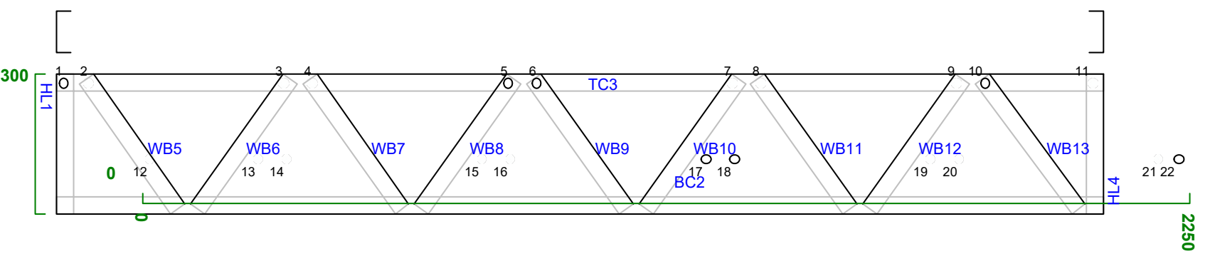
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 2250 |
| TC3 | 0 | 2250 |
| HL4 | 90 | 298 |
| WB5 | 55 | 342 |
| WB6 | 54 | 342 |
| WB7 | 54 | 342 |
| WB8 | 54 | 342 |
| WB9 | 54 | 342 |
| WB10 | 54 | 342 |
| WB11 | 54 | 342 |
| WB12 | 54 | 342 |
| WB13 | 53 | 347 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R |
| 18 | 2R |
| 19 | 2R |
| 20 | 2R |
| 21 | 2R |
| 22 | 2R |

F213 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24 Kind: Floor Joist



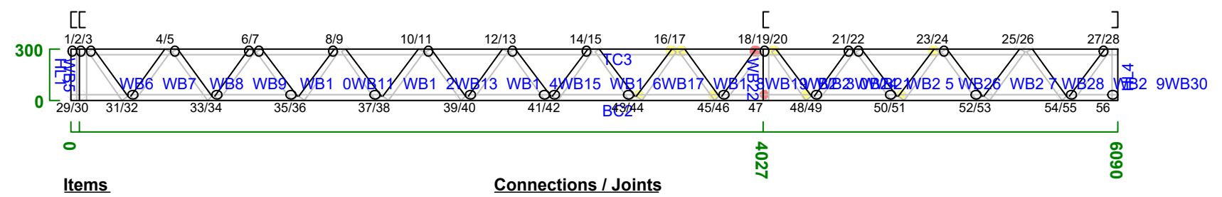
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 2250 |
| TC3 | 0 | 2250 |
| HL4 | 90 | 298 |
| WB5 | 55 | 342 |
| WB6 | 54 | 342 |
| WB7 | 54 | 342 |
| WB8 | 54 | 342 |
| WB9 | 54 | 342 |
| WB10 | 54 | 342 |
| WB11 | 54 | 342 |
| WB12 | 54 | 342 |
| WB13 | 53 | 347 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R |
| 17 | 2R |
| 18 | 2R |
| 19 | 2R |
| 20 | 2R |
| 21 | 2R |
| 22 | 2R |

F215 C90_37-0.95BMT-G350 No Of Plies:2
1 : 66 Kind: Floor Joist



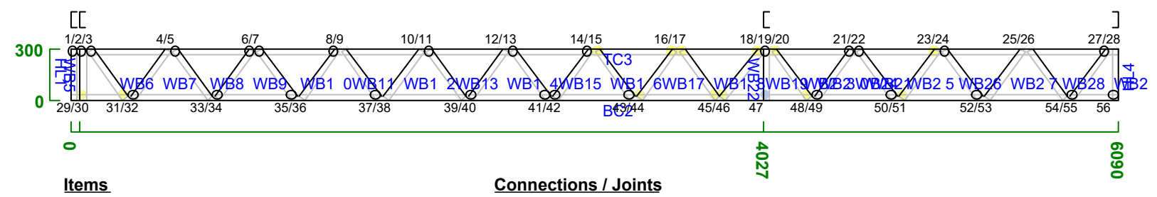
**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 54 | 344 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R |
| 3 | 2R |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R |
| 15 | 2R |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | FAIL |
| 19 | FAIL |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R |
| 31 | 2R |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R |
| 43 | 2R |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | FAIL |
| 47 | FAIL |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

F217 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66 Kind: Floor Joist



**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 298 |
| BC2 | 0 | 6090 |
| TC3 | 0 | 6090 |
| HL4 | 90 | 298 |
| WB5 | 90 | 298 |
| WB6 | 54 | 344 |
| WB7 | 54 | 345 |
| WB8 | 54 | 345 |
| WB9 | 54 | 345 |
| WB10 | 54 | 345 |
| WB11 | 54 | 345 |
| WB12 | 54 | 345 |
| WB13 | 54 | 345 |
| WB14 | 54 | 345 |
| WB15 | 54 | 345 |
| WB16 | 54 | 345 |
| WB17 | 54 | 345 |
| WB18 | 54 | 345 |
| WB19 | 54 | 345 |
| WB20 | 54 | 345 |
| WB21 | 51 | 356 |
| WB22 | 90 | 298 |
| WB23 | 54 | 345 |
| WB24 | 53 | 346 |
| WB25 | 53 | 346 |
| WB26 | 53 | 346 |
| WB27 | 53 | 346 |
| WB28 | 53 | 346 |
| WB29 | 53 | 346 |
| WB30 | 54 | 345 |

**Connections / Joints**

| Node | Joint |
|---|---|
| 1 | 2R |
| 2 | 2R+2T |
| 3 | 2R+2T |
| 4 | 2R |
| 5 | 2R |
| 6 | 2R |
| 7 | 2R |
| 8 | 2R |
| 9 | 2R |
| 10 | 2R |
| 11 | 2R |
| 12 | 2R |
| 13 | 2R |
| 14 | 2R+2T |
| 15 | 2R+2T |
| 16 | 2R+2T |
| 17 | 2R+2T |
| 18 | 2R+2T |
| 19 | 2R+4T |
| 20 | 2R+2T |
| 21 | 2R+2T |
| 22 | 2R+2T |
| 23 | 2R+2T |
| 24 | 2R |
| 25 | 2R |
| 26 | 2R |
| 27 | 2R |
| 28 | 2R |
| 29 | 2R |
| 30 | 2R+2T |
| 31 | 2R+2T |
| 32 | 2R |
| 33 | 2R |
| 34 | 2R |
| 35 | 2R |
| 36 | 2R |
| 37 | 2R |
| 38 | 2R |
| 39 | 2R |
| 40 | 2R |
| 41 | 2R |
| 42 | 2R+2T |
| 43 | 2R+2T |
| 44 | 2R+2T |
| 45 | 2R+2T |
| 46 | 2R+2T |
| 47 | 2R+4T |
| 48 | 2R+2T |
| 49 | 2R+2T |
| 50 | 2R+2T |
| 51 | 2R+2T |
| 52 | 2R |
| 53 | 2R |
| 54 | 2R |
| 55 | 2R |
| 56 | 2R |

ESTUDIOS Y DISEÑOS PARA LA
CONSTRUCCIÓN DEL CEDI,
CENTRO DE DISTRIBUCIÓN DE
MEDICAMENTOS DEL HOSPITAL
SAN RAFAEL DE YOLOMBÓ

PROPIETARIO:

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

CONSULTOR:

CONVERGE CONSTRUCTORES S.A.S

OBRA:

**CEDI HOSPITAL**
**YOLOMBO**

CONTIENE:

DESPIECE MUROS 6

DISEÑÓ:

ING. CESAR CORDOBA

DIBUJÓ:

JORDAN RENTERIA GOMEZ

FIRMA:

ING. CESAR COROBA

MATRICULA: 011037–0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |
| | | |
| | | |
| | | |

FECHA: 11/12/2025

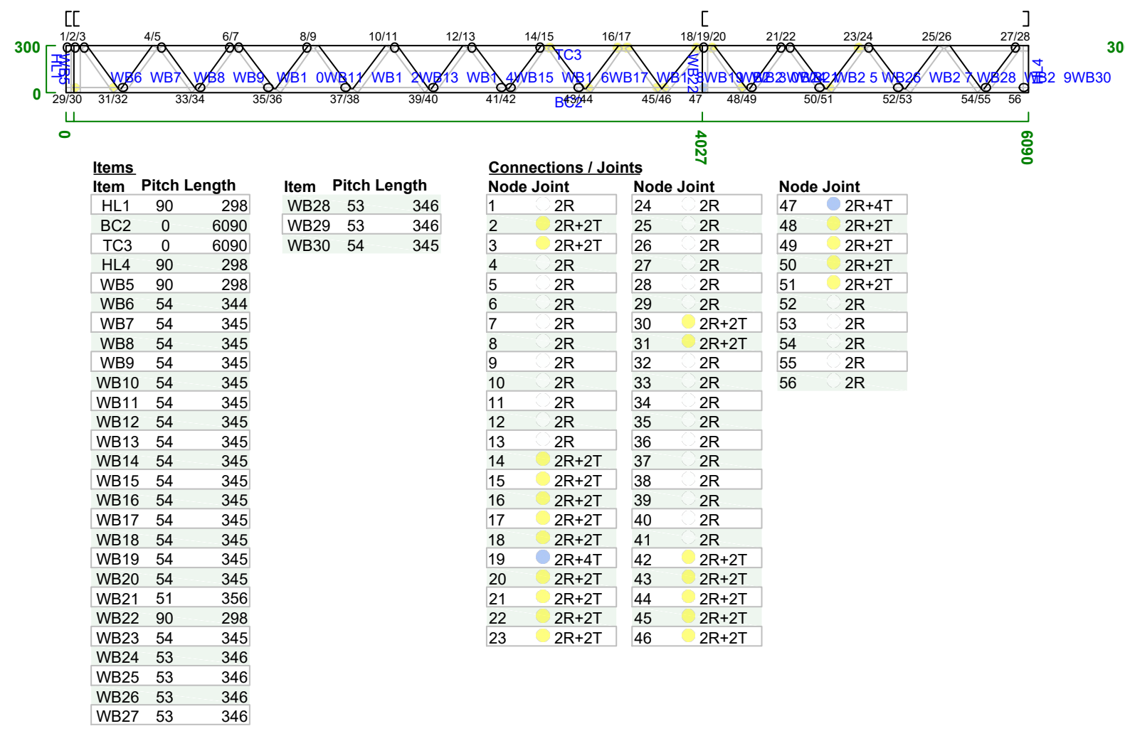
ESCALA P: INDICADA

CODIGO:

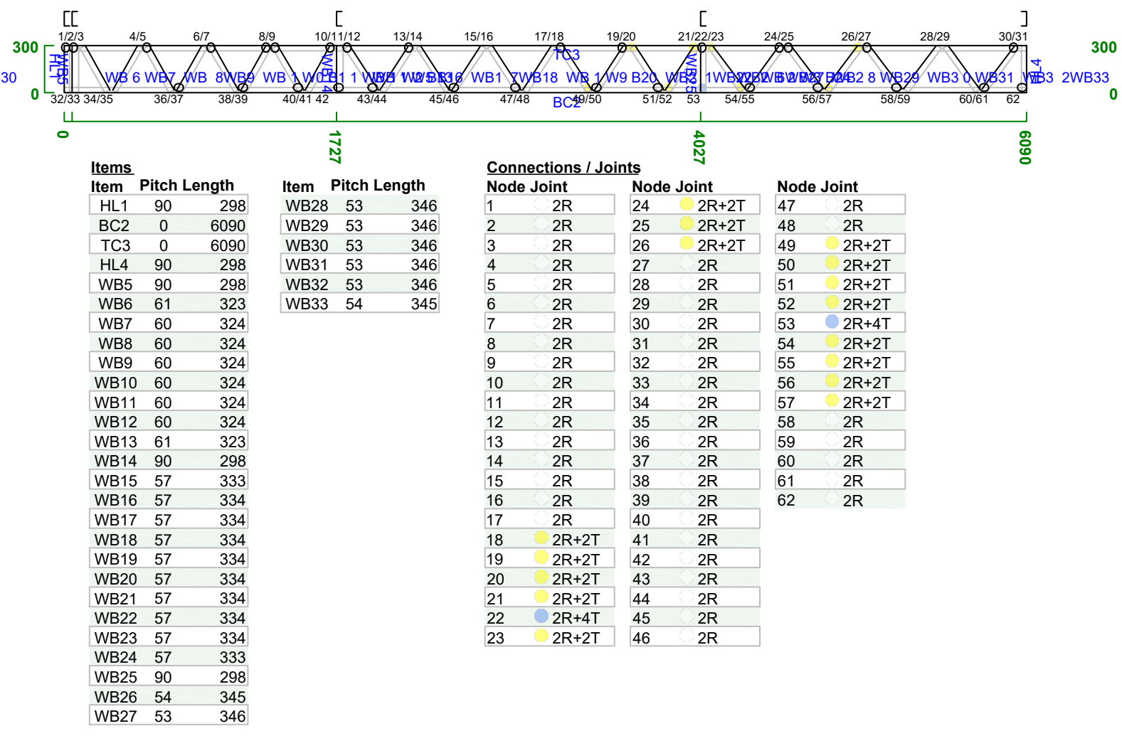
PLANO N°: 406

ARCHIVO: EST–CEDI YOLOMBO

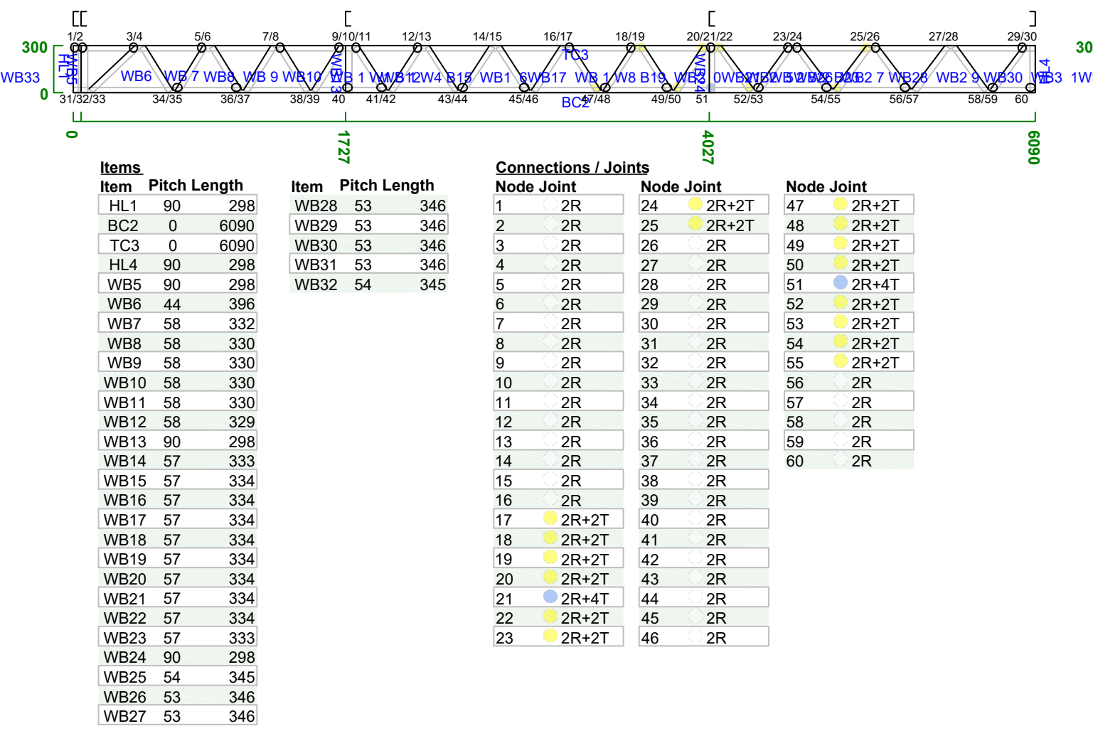
F218 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



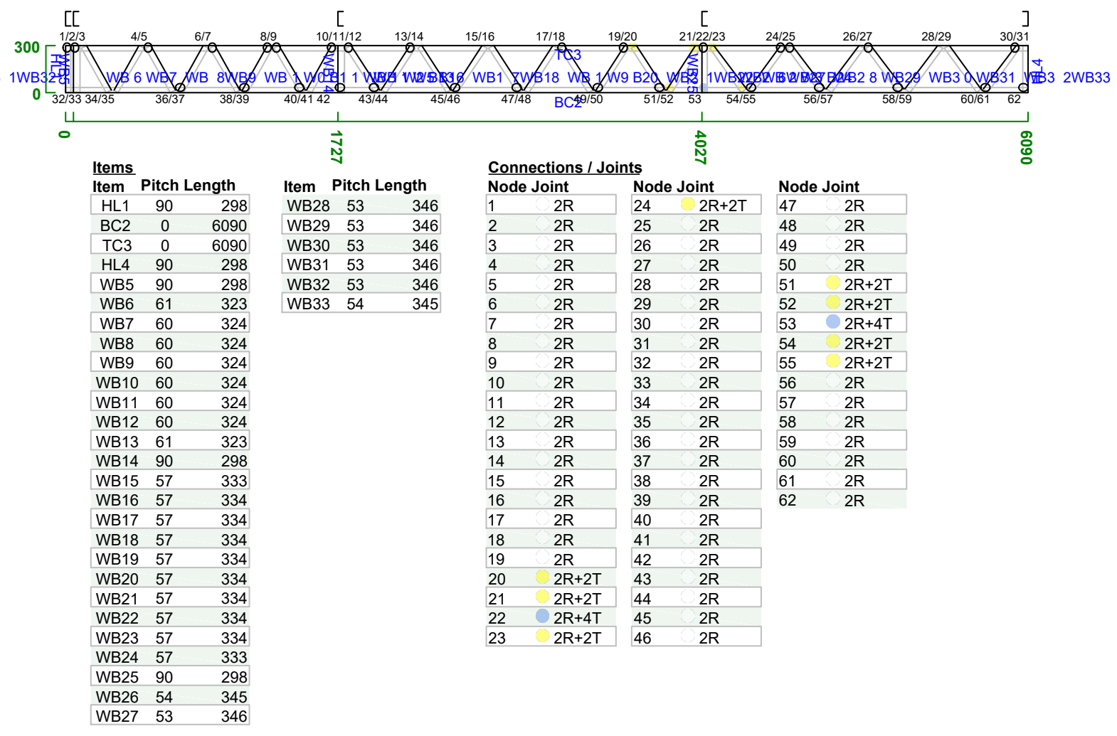
F220 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



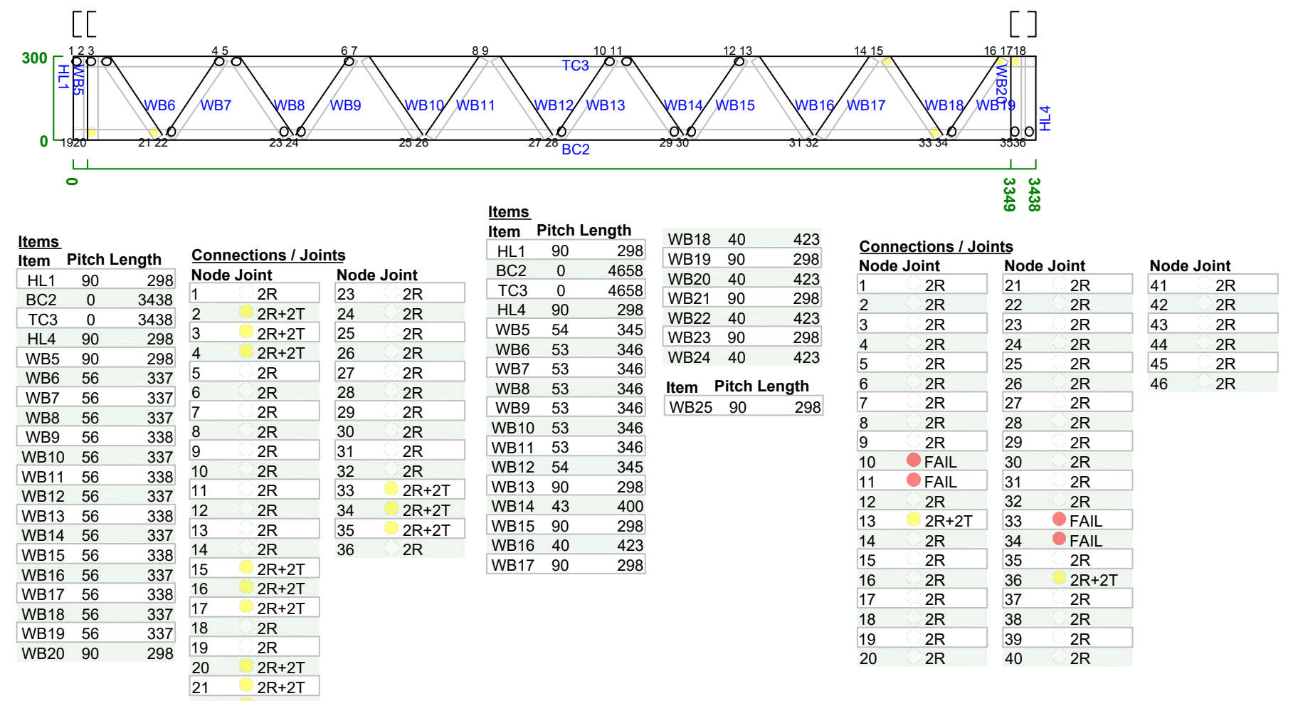
F222 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



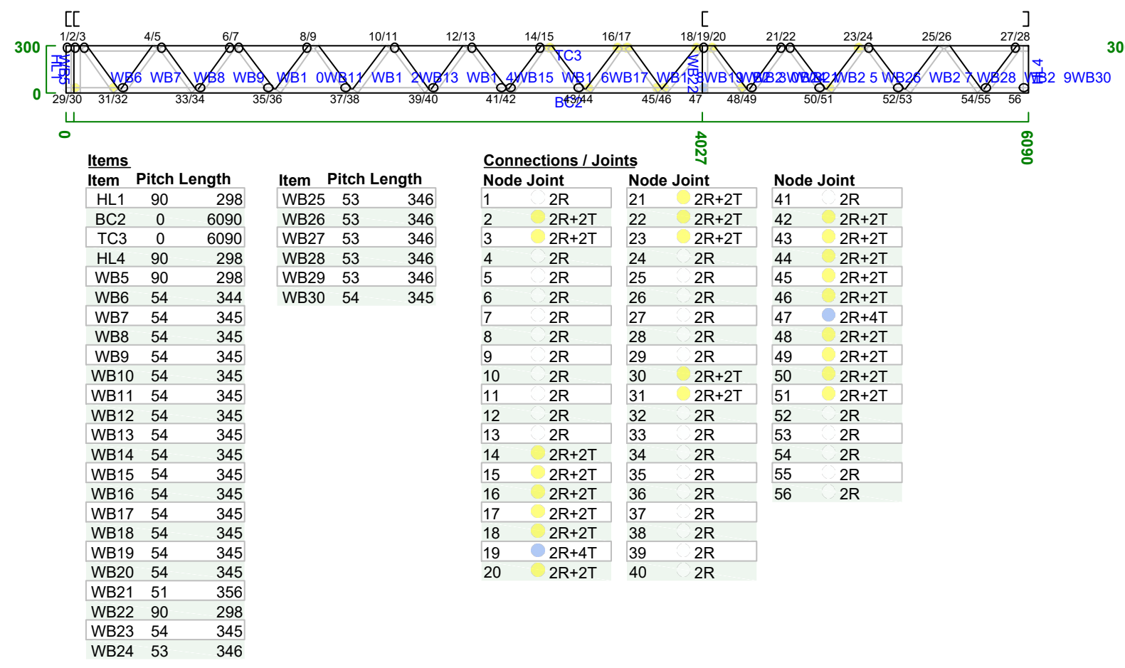
F224 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



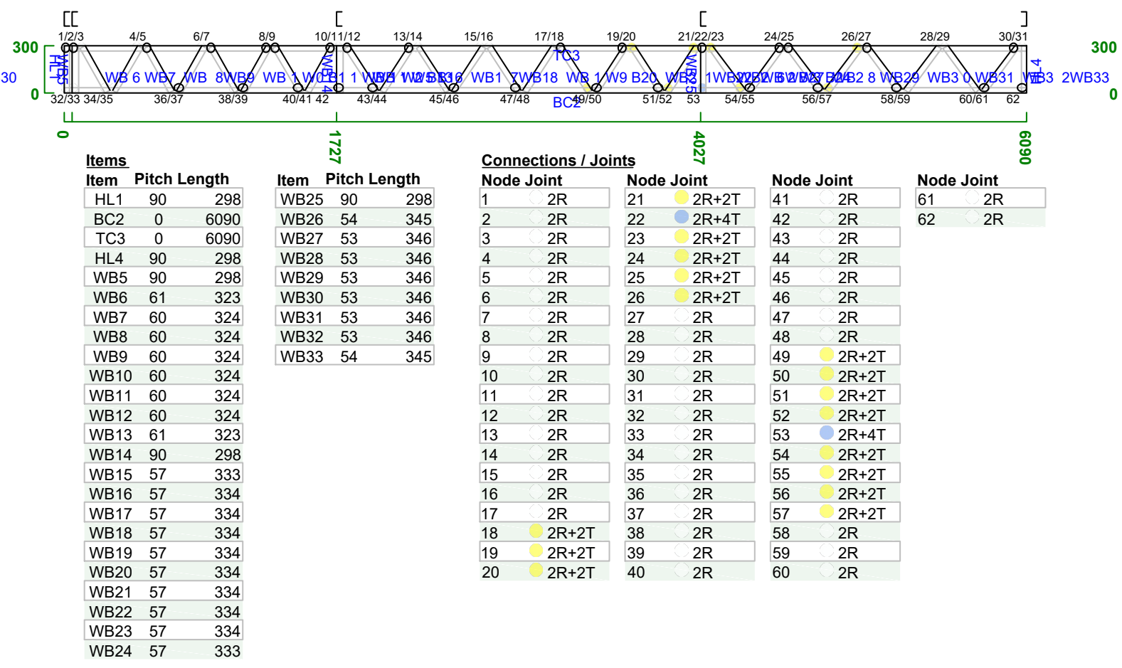
F242 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



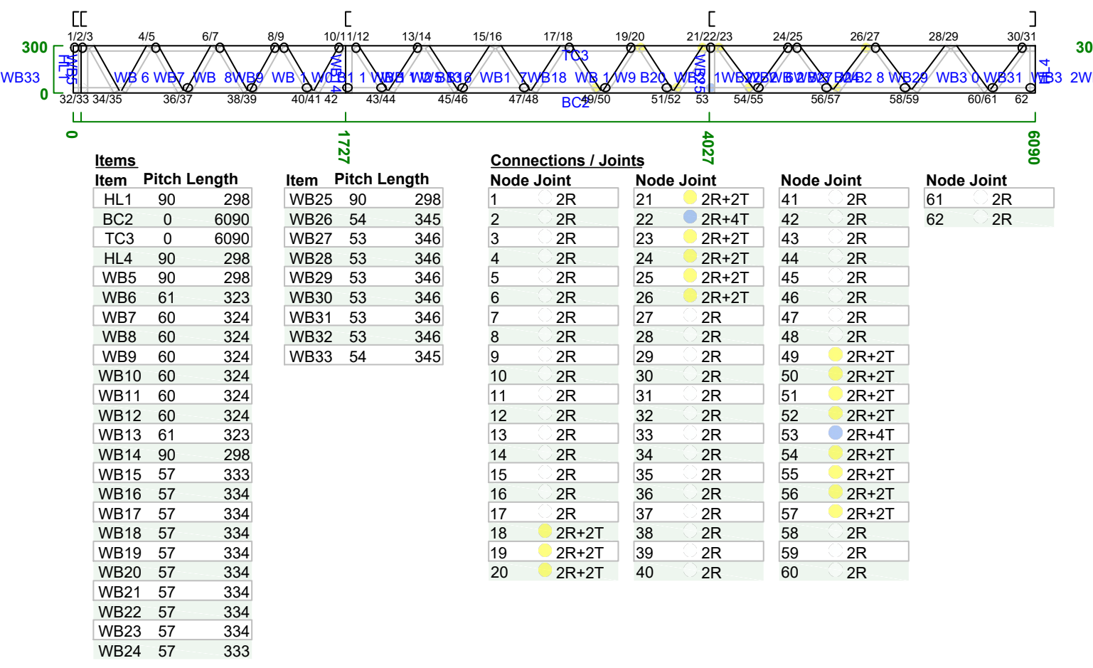
F219 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



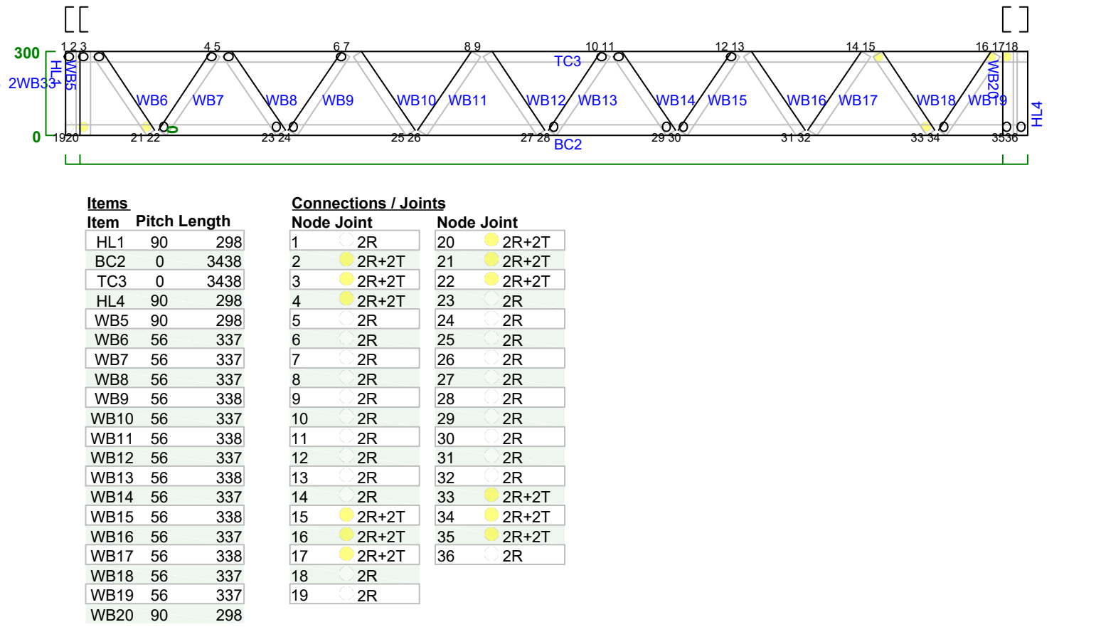
F221 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



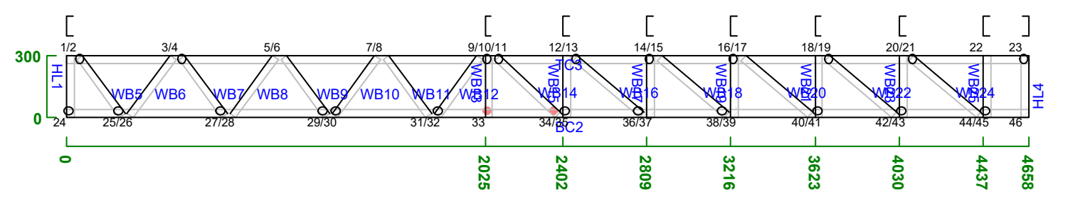
F223 C90_37-0.95BMT-G350 No Of Plies:1
1 : 66
Kind: Floor Joist



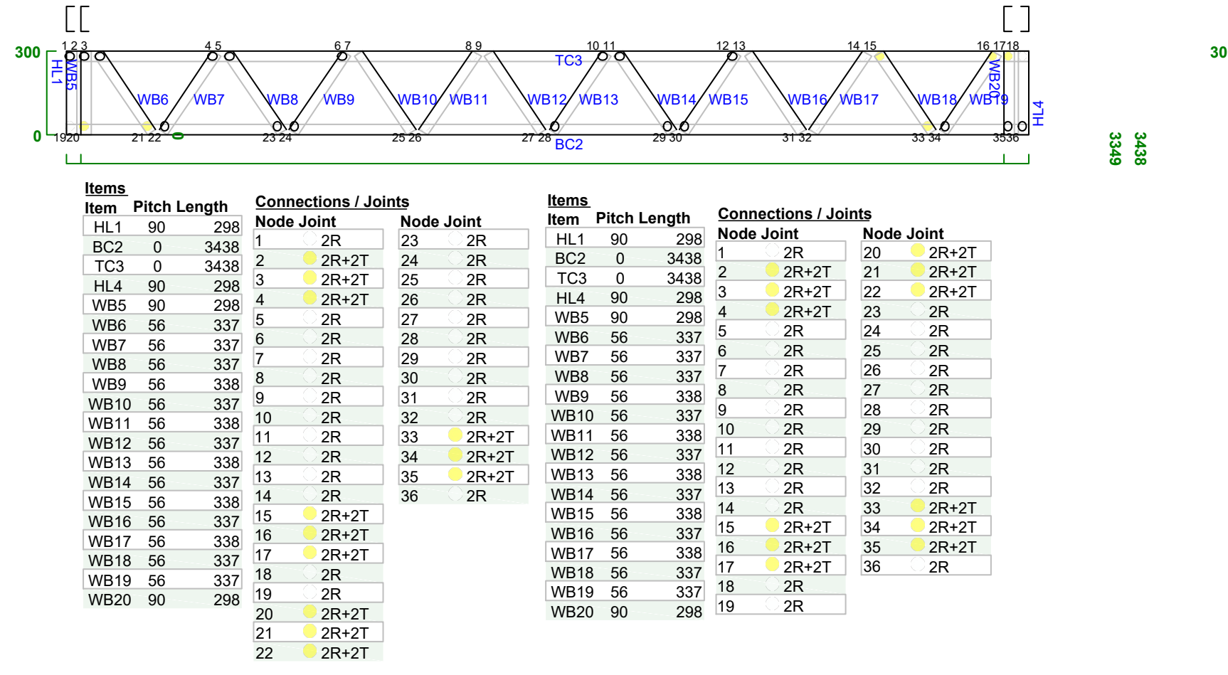
F225 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



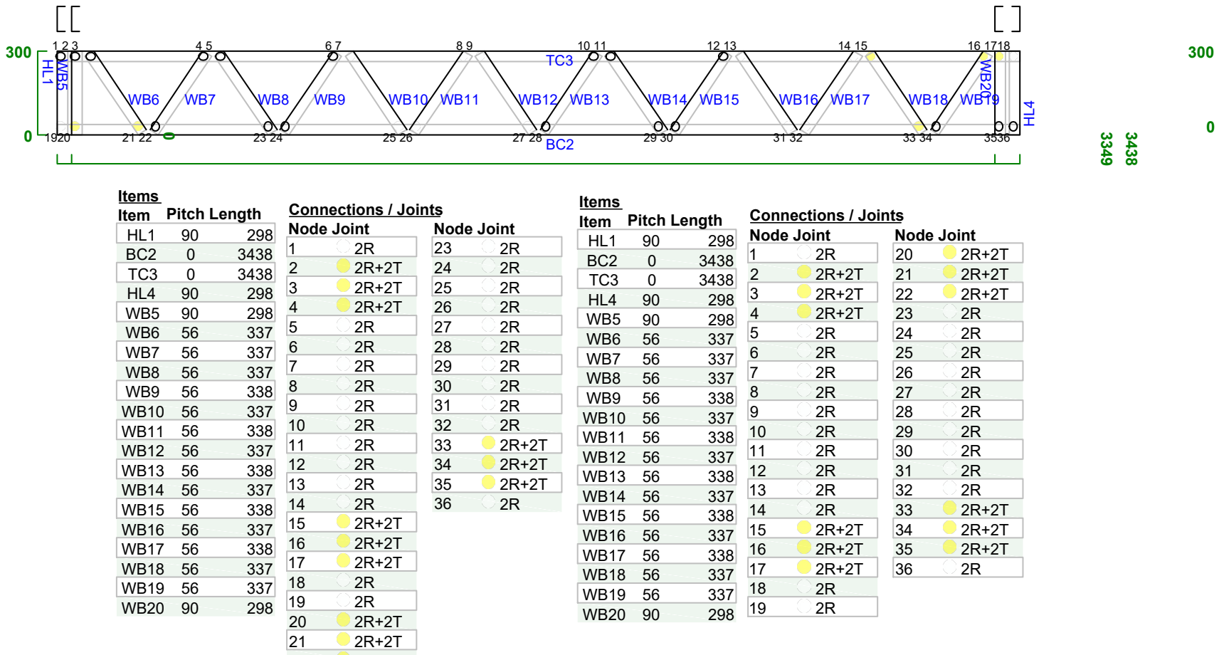
F243 C90_37-0.95BMT-G350 No Of Plies:3
1 : 51
Kind: Floor Joist



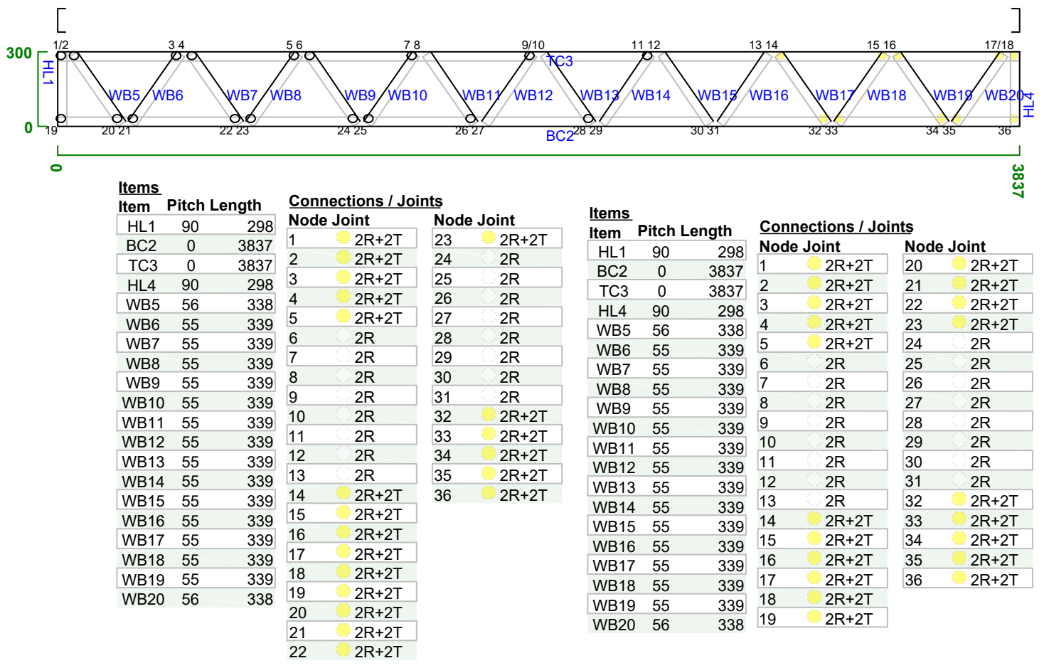
F226 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



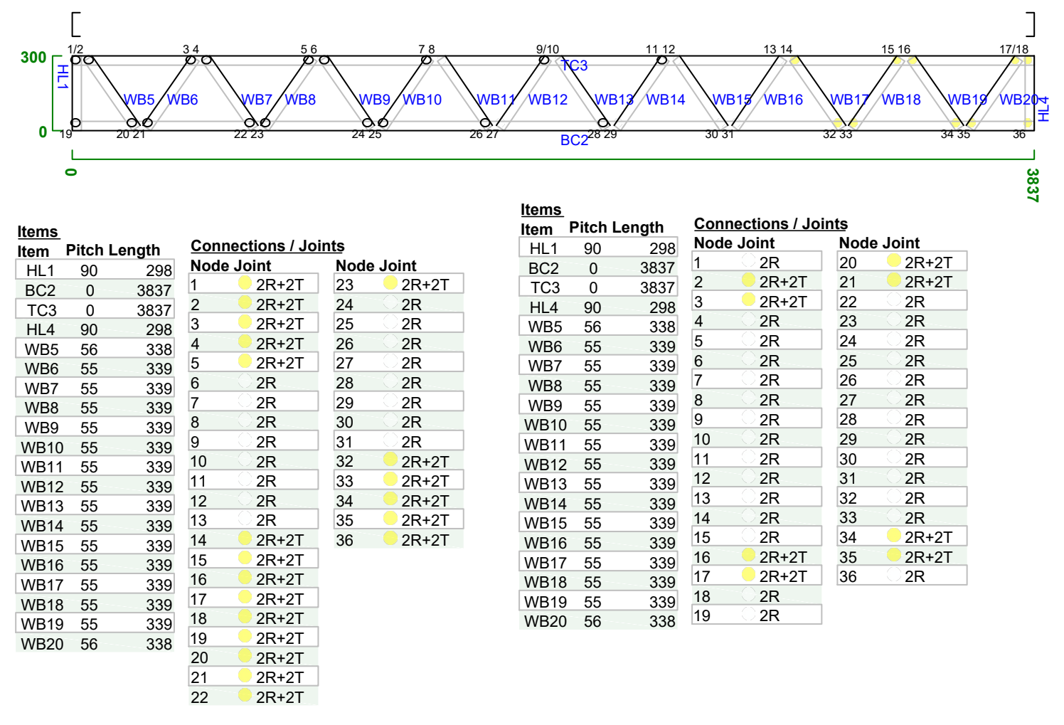
F230 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



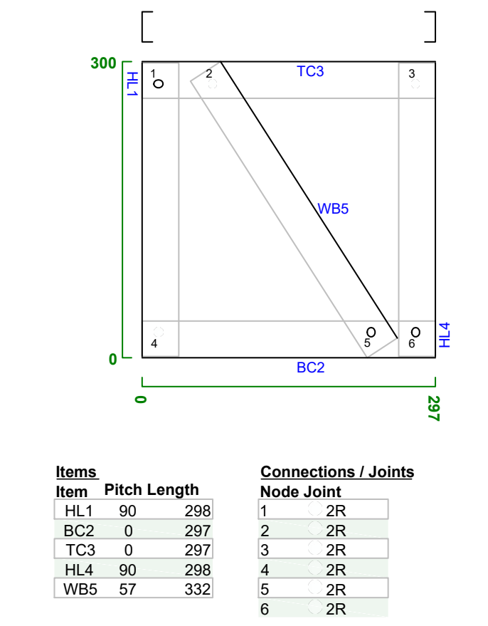
F234 C90_37-0.75BMT-G350 No Of Plies:1
1 : 42
Kind: Floor Joist



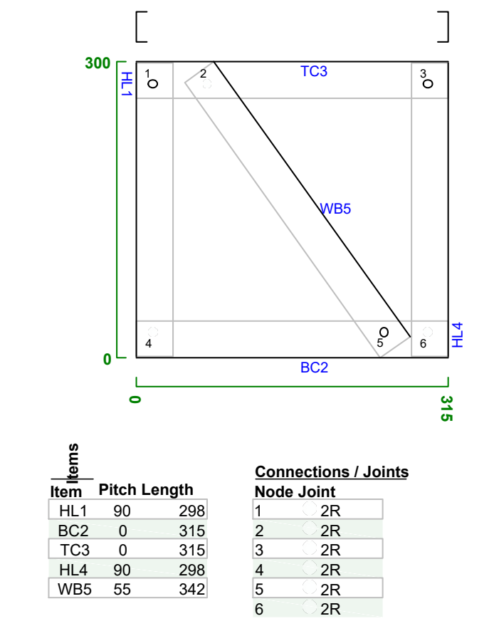
F238 C90_37-0.75BMT-G350 No Of Plies:1
1 : 42
Kind: Floor Joist



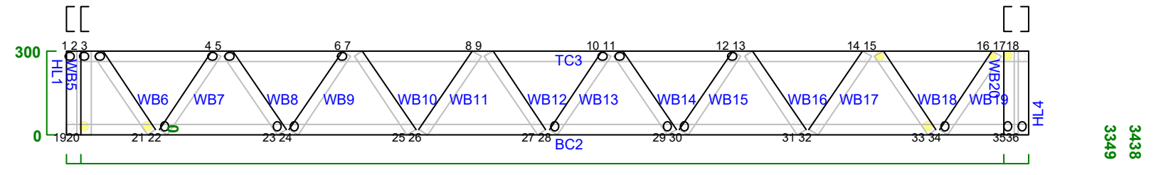
F254 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist



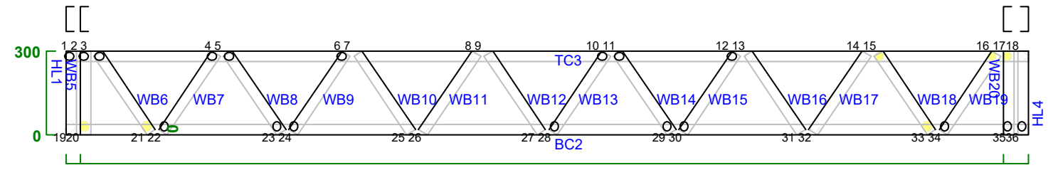
F255 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist



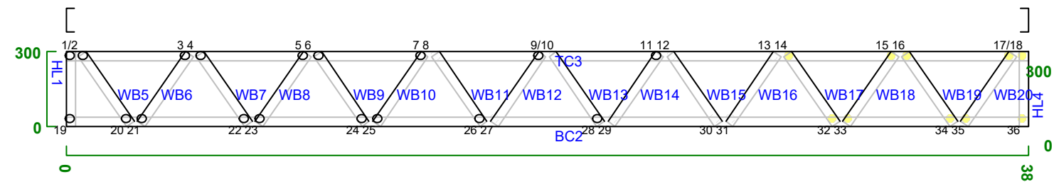
F227 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



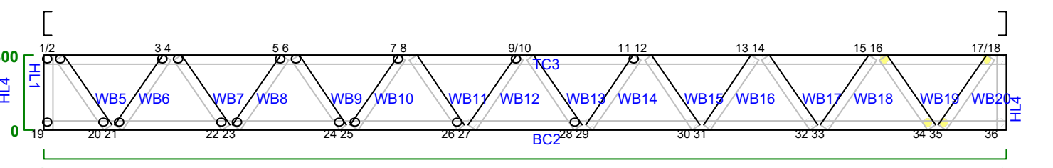
F231 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



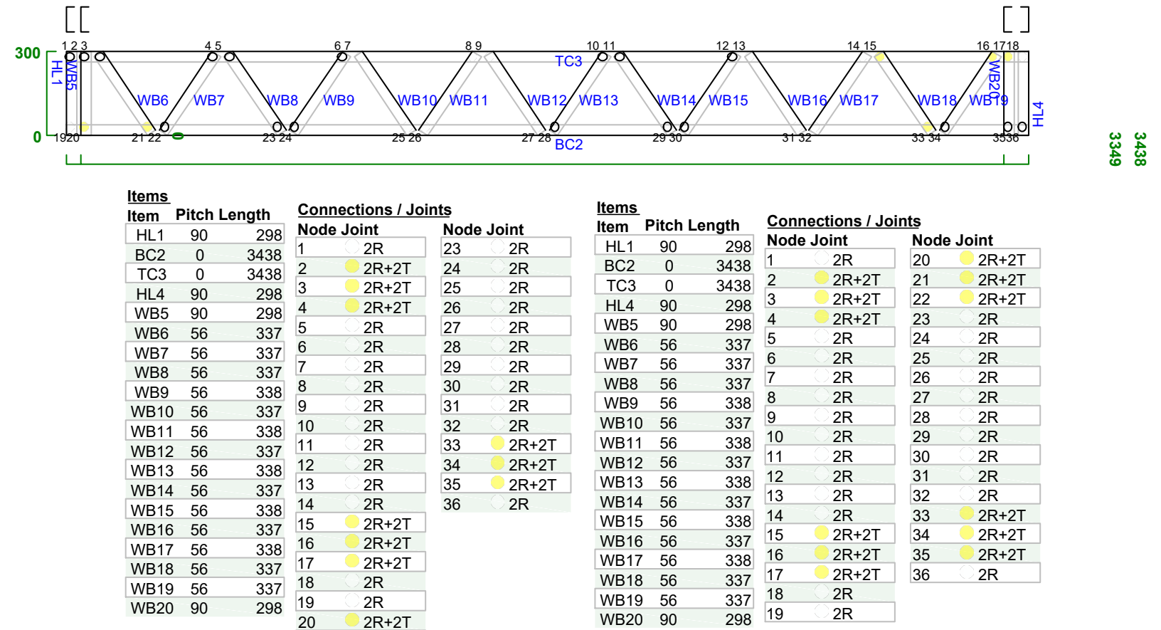
F235 C90_37-0.75BMT-G350 No Of Plies:1
1 : 42
Kind: Floor Joist



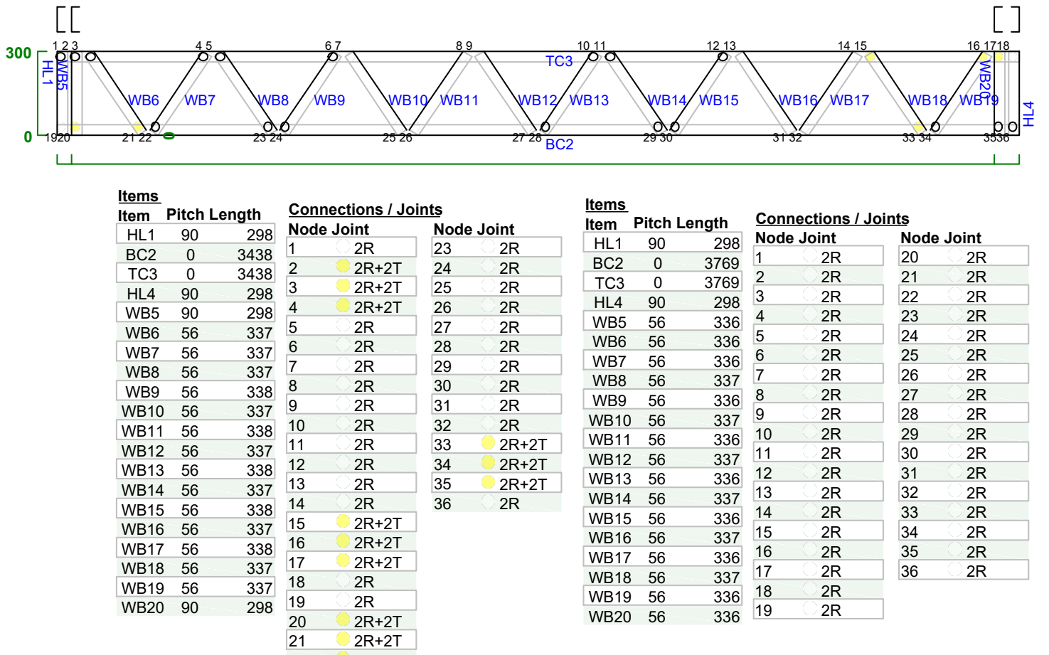
F239 C90_37-0.75BMT-G350 No Of Plies:1
1 : 42
Kind: Floor Joist



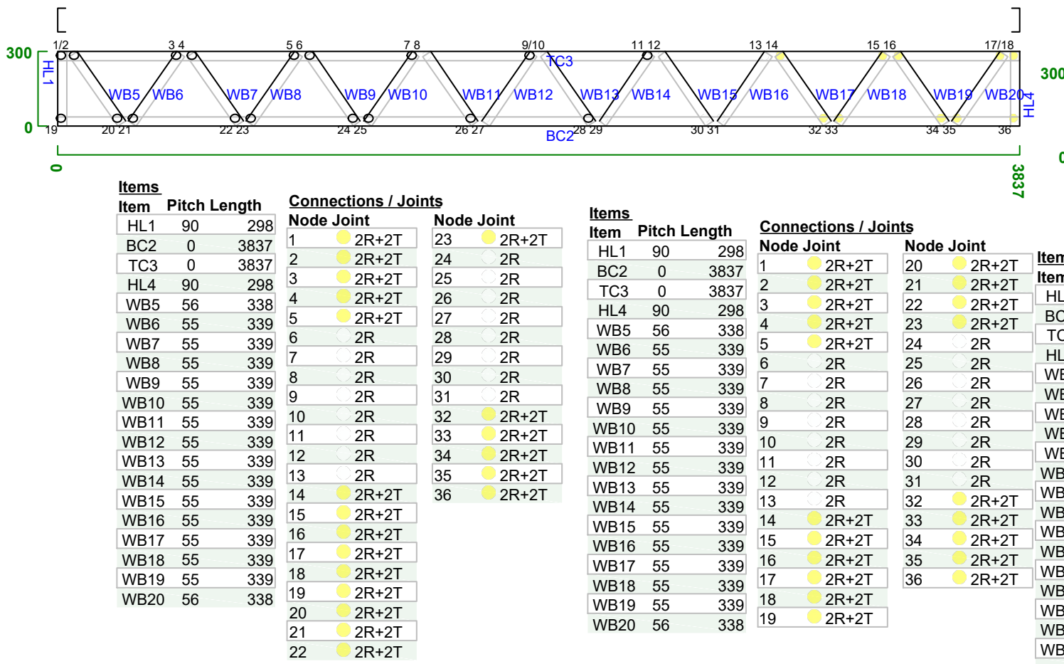
F228 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



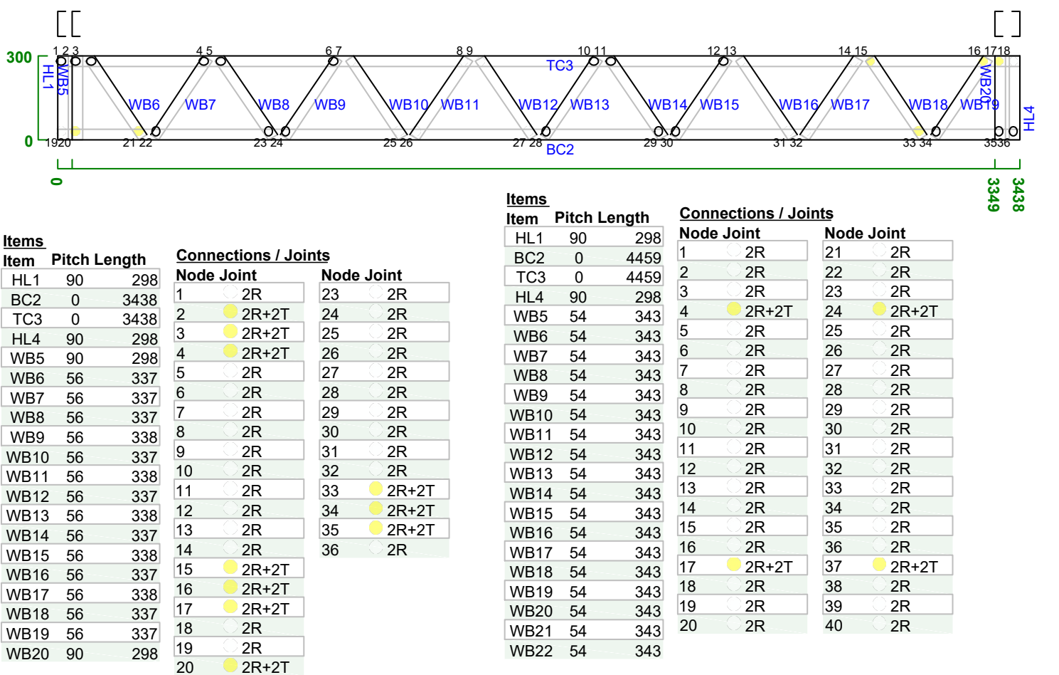
F232 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



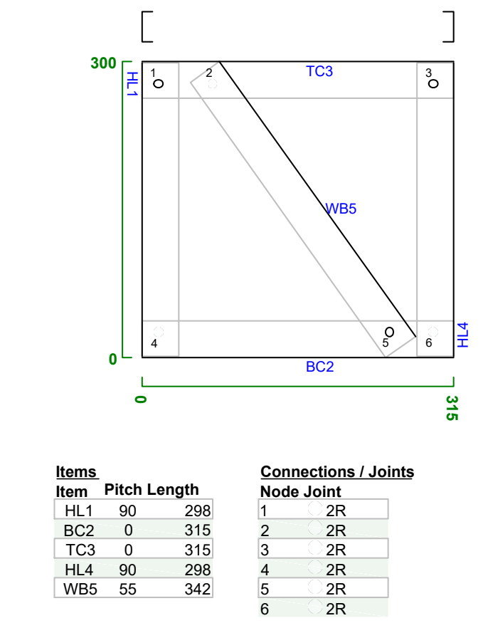
F236 C90_37-0.75BMT-G350 No Of Plies:1
1 : 42
Kind: Floor Joist



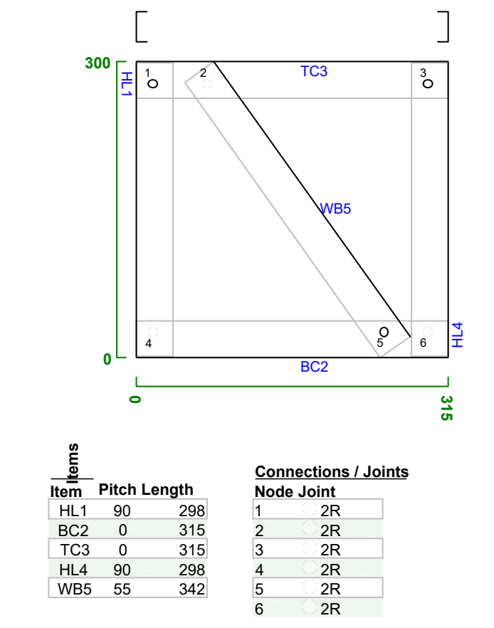
F240 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



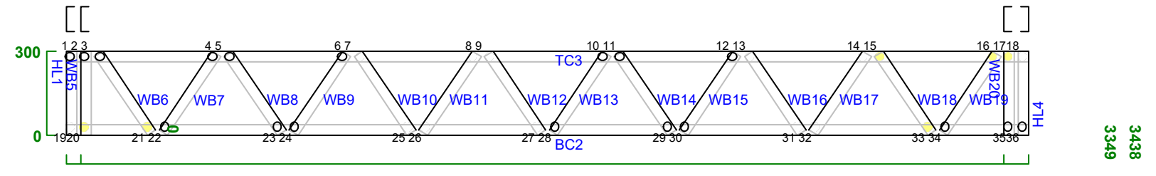
F256 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist



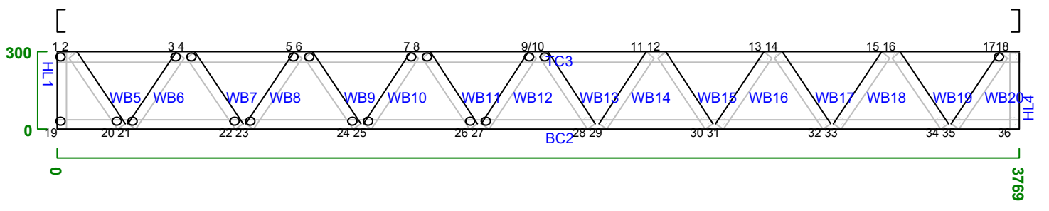
F257 C90_37-0.75BMT-G350
1 : 11
No Of Plies:1
Kind: Floor Joist



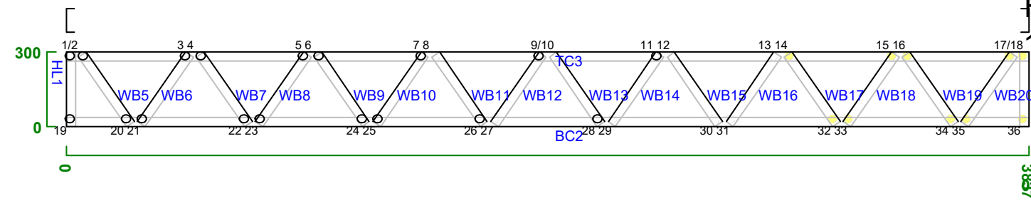
F229 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



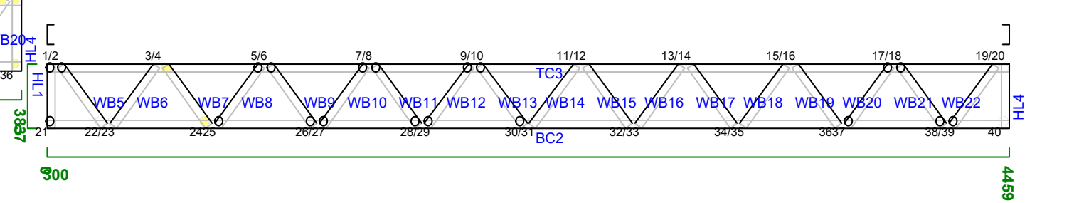
F233 C90_37-0.75BMT-G350 No Of Plies:1
1 : 41
Kind: Floor Joist



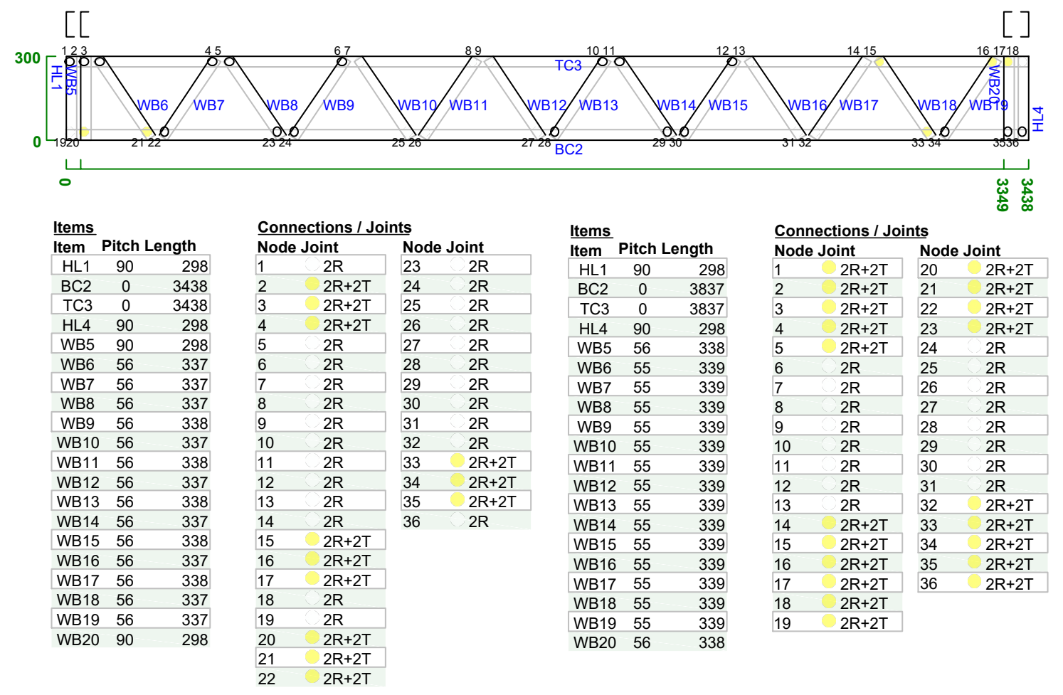
F237 C90_37-0.75BMT-G350 No Of Plies:1
1 : 42
Kind: Floor Joist



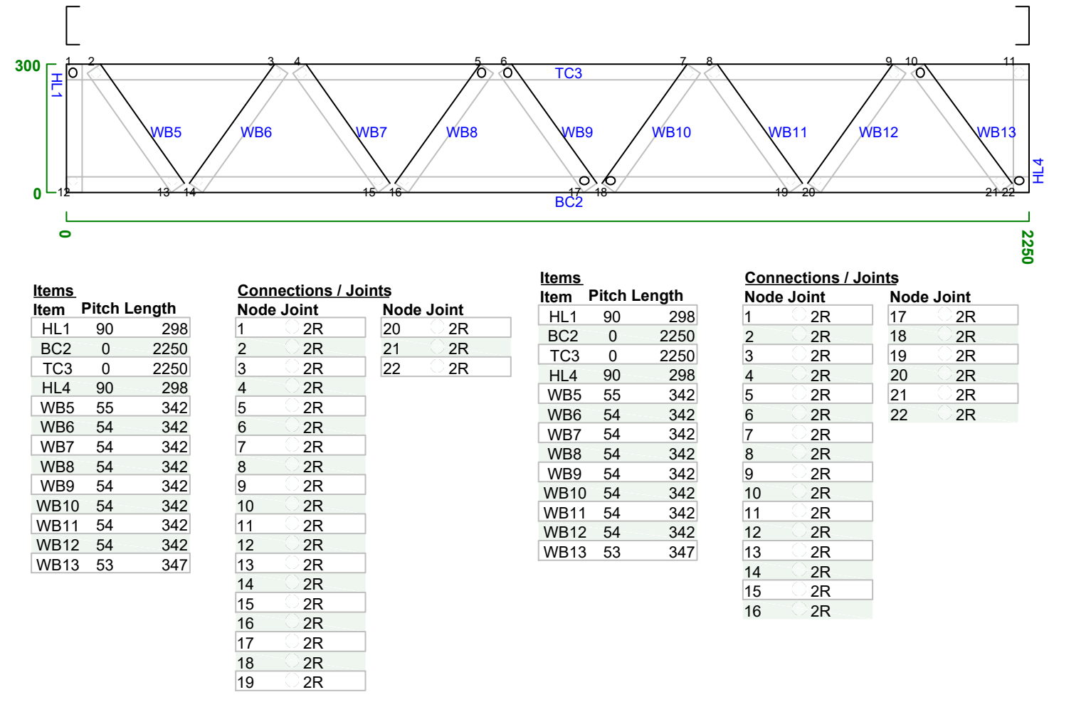
F241 C90_37-0.75BMT-G350 No Of Plies:1
1 : 49
Kind: Floor Joist



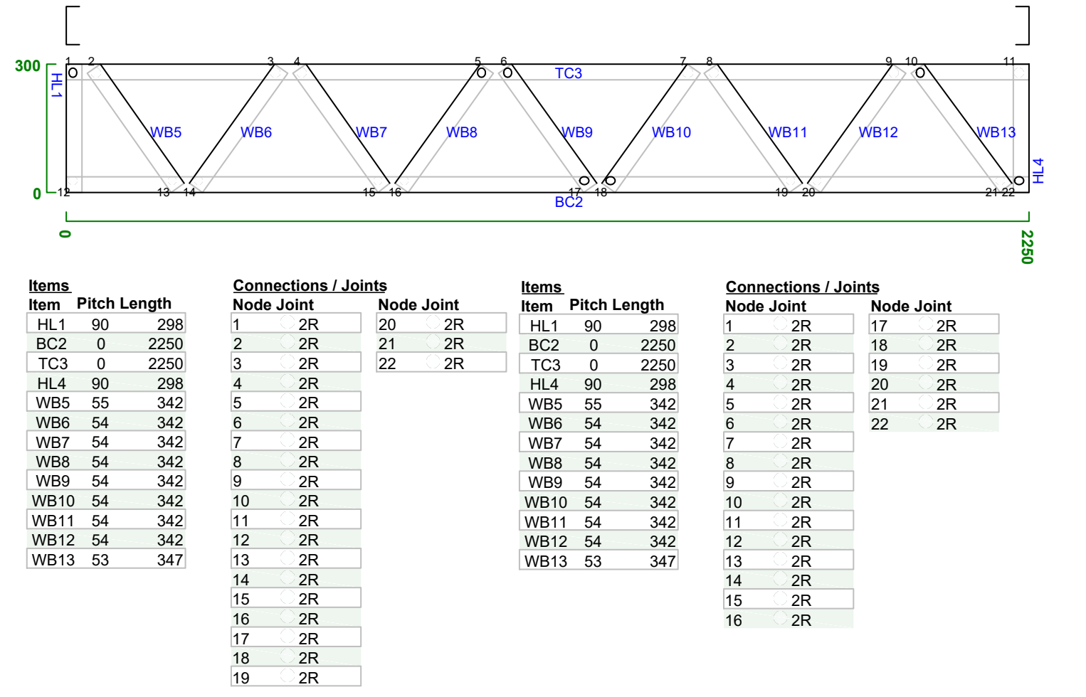
F244 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



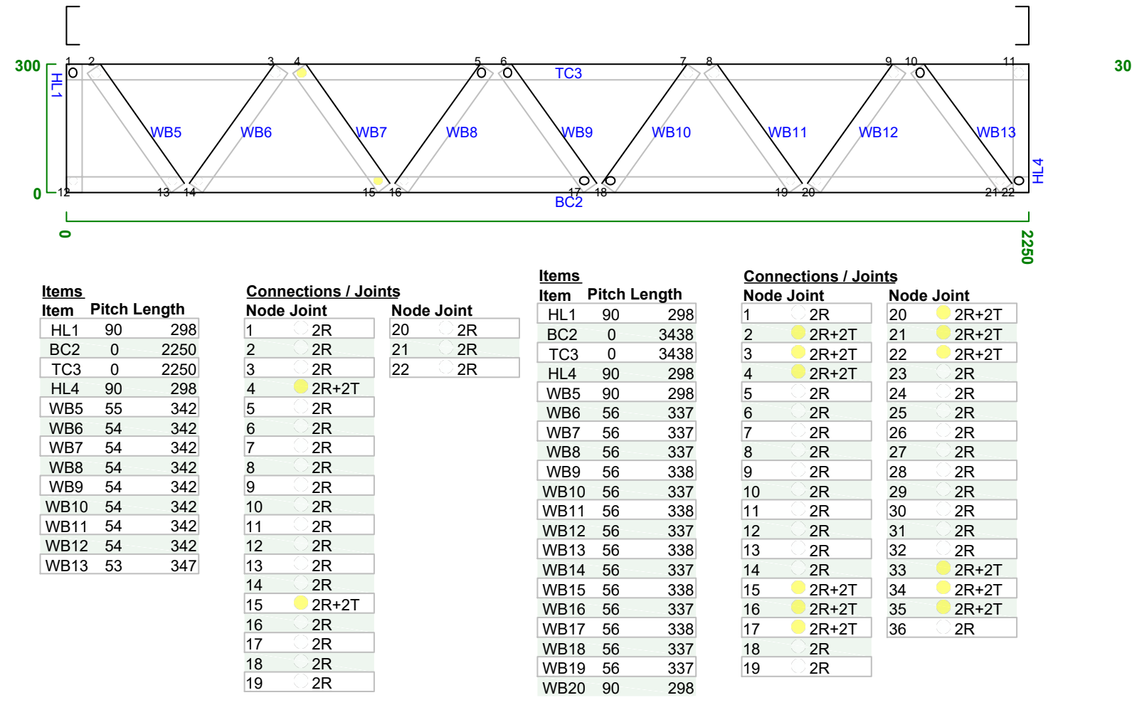
F246 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24
Kind: Floor Joist



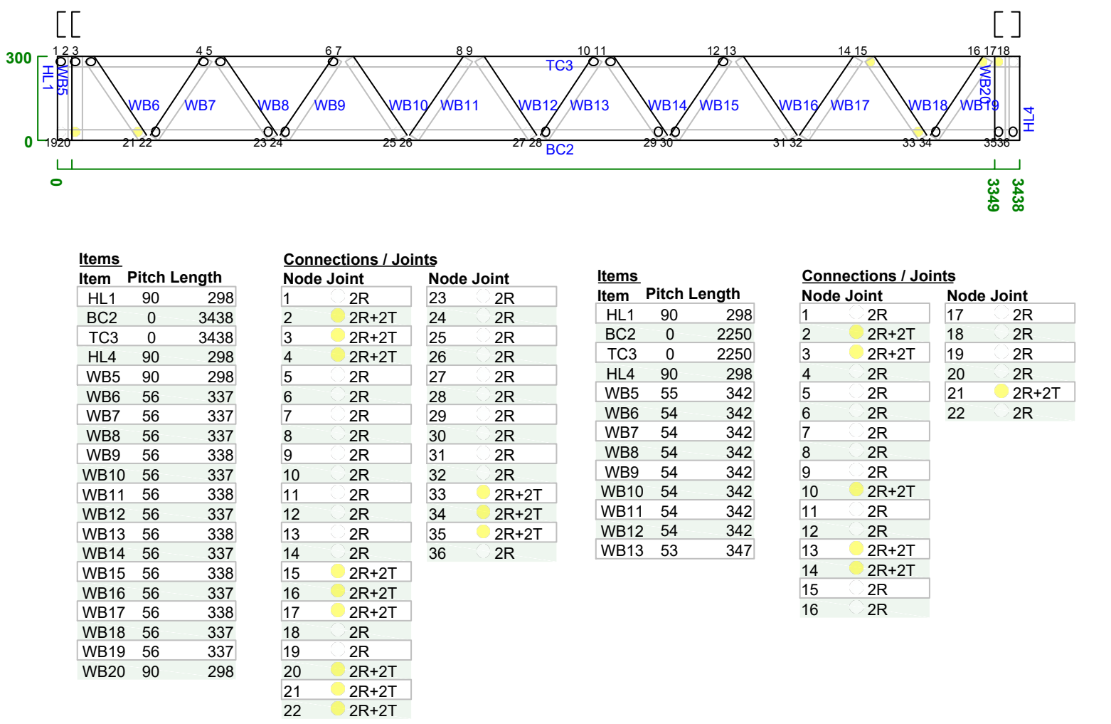
F248 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24
Kind: Floor Joist



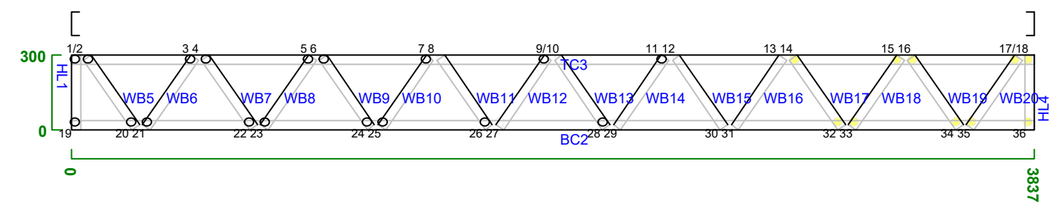
F250 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24
Kind: Floor Joist



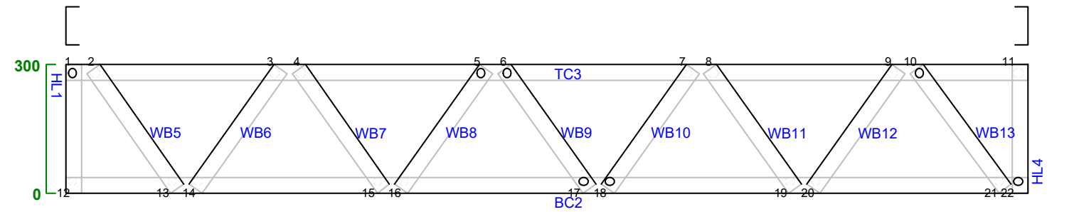
F252 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



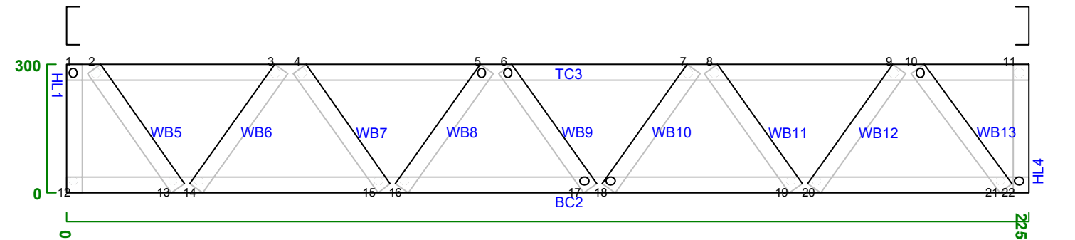
F245 C90_37-0.95BMT-G350 No Of Plies:1
1 : 42
Kind: Floor Joist



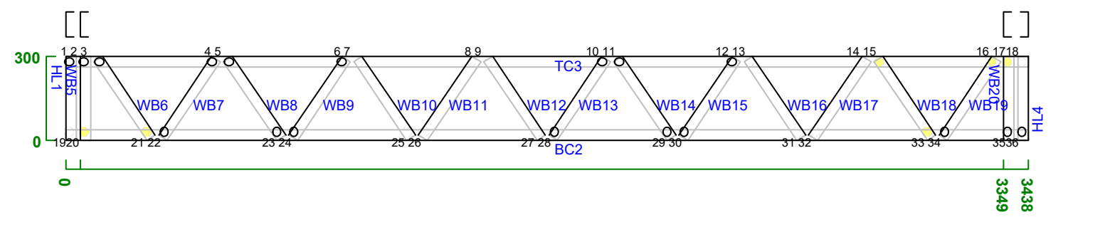
F247 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24
Kind: Floor Joist



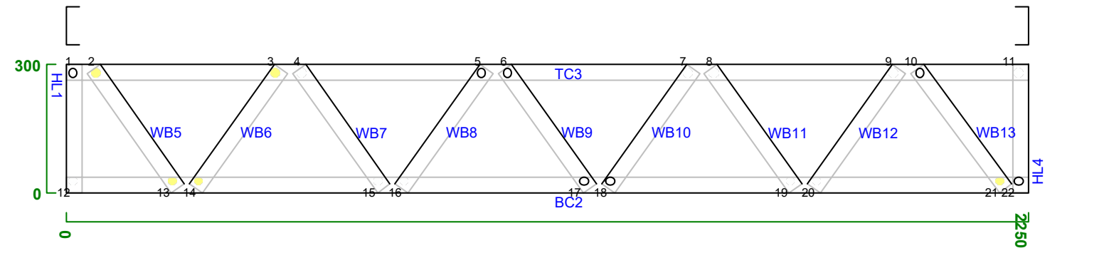
F249 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24
Kind: Floor Joist



F251 C90_37-0.75BMT-G350 No Of Plies:1
1 : 37
Kind: Floor Joist



F253 C90_37-0.75BMT-G350 No Of Plies:1
1 : 24
Kind: Floor Joist



**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas
HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingenieria

OBRA:

**CEDI HOSPITAL**
**YOLOMBO**

CONTIENE:

DESPIECE MUROS 7

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:

ING. CESAR COROBA
MATRICULA: 011037–0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |
| | | |
| | | |
| | | |
| | | |

FECHA:
11/12/2025

ESCALA P:
INDICADA

CODIGO:

PLANO N°:
407

ARCHIVO:
EST–CEDI YOLOMBO

F258 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F259 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F262 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F263 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F266 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F267 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F270 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F271 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F274 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F275 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F318 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F319 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F260 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F261 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F264 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F265 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F268 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F269 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F273 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F276 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F320 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F321 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F323 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F278 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F279 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F282 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F283 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F286 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F287 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F290 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F294 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F295 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F324 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F325 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F280 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F284 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F296 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F297 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F326 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F327 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
A3 C90_37-0.95BMT-G350 1 : 79
A4 C90_37-0.95BMT-G350 1 : 110
F302 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F303 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F306 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F310 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F328 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F300 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F301 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F304 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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F330 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F313 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
F316 C90_37-0.75BMT-G350 1 : 11 No Of Plies:1 Kind: Floor Joist
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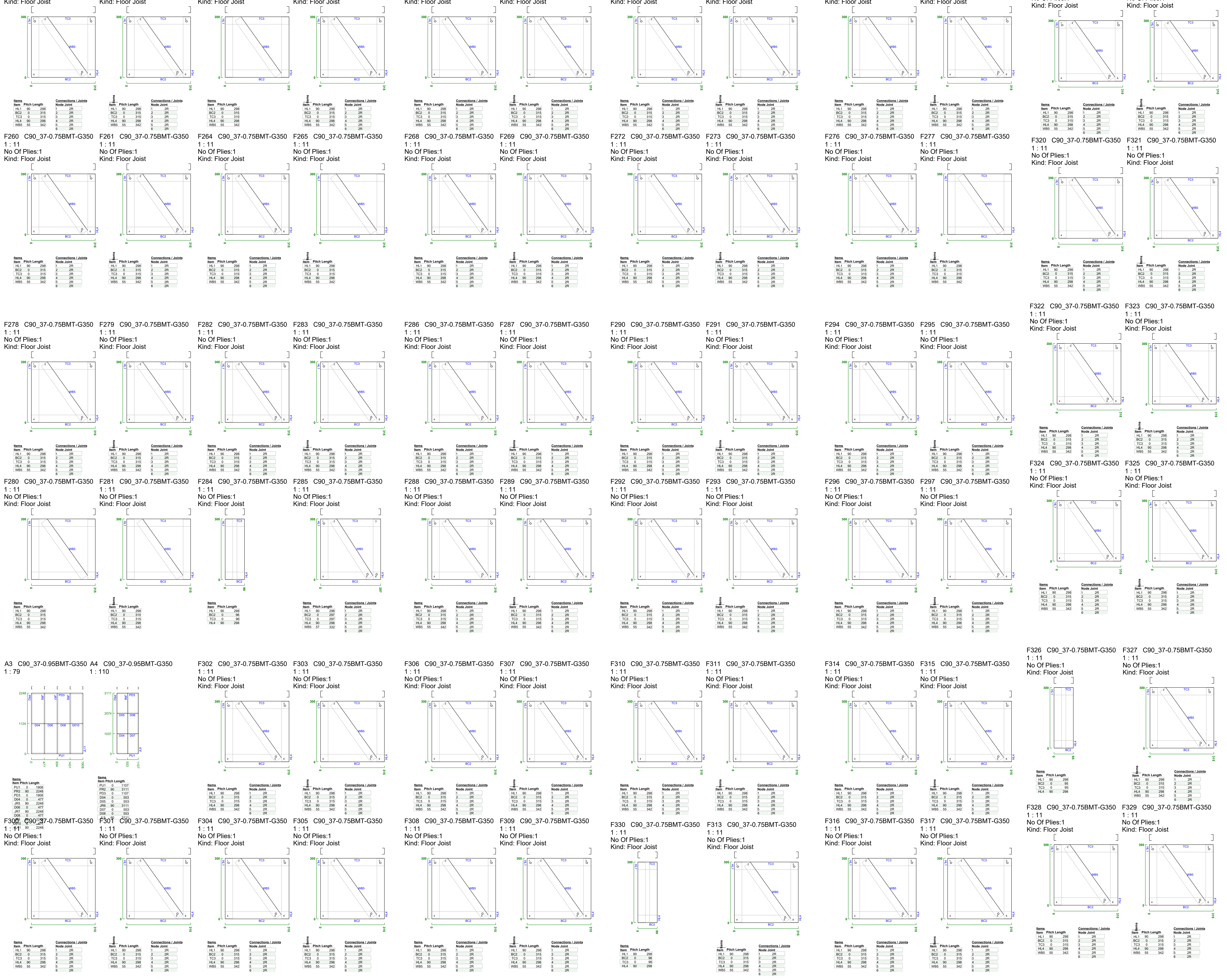


**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

**CONVERGE CONSTRUCTORES S.A.S**

OBRA:

**CEDI HOSPITAL YOLOMBO**

CONTIENE:
DESPIECE MUROS 8

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037-0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |
| | | |
| | | |
| | | |
| | | |

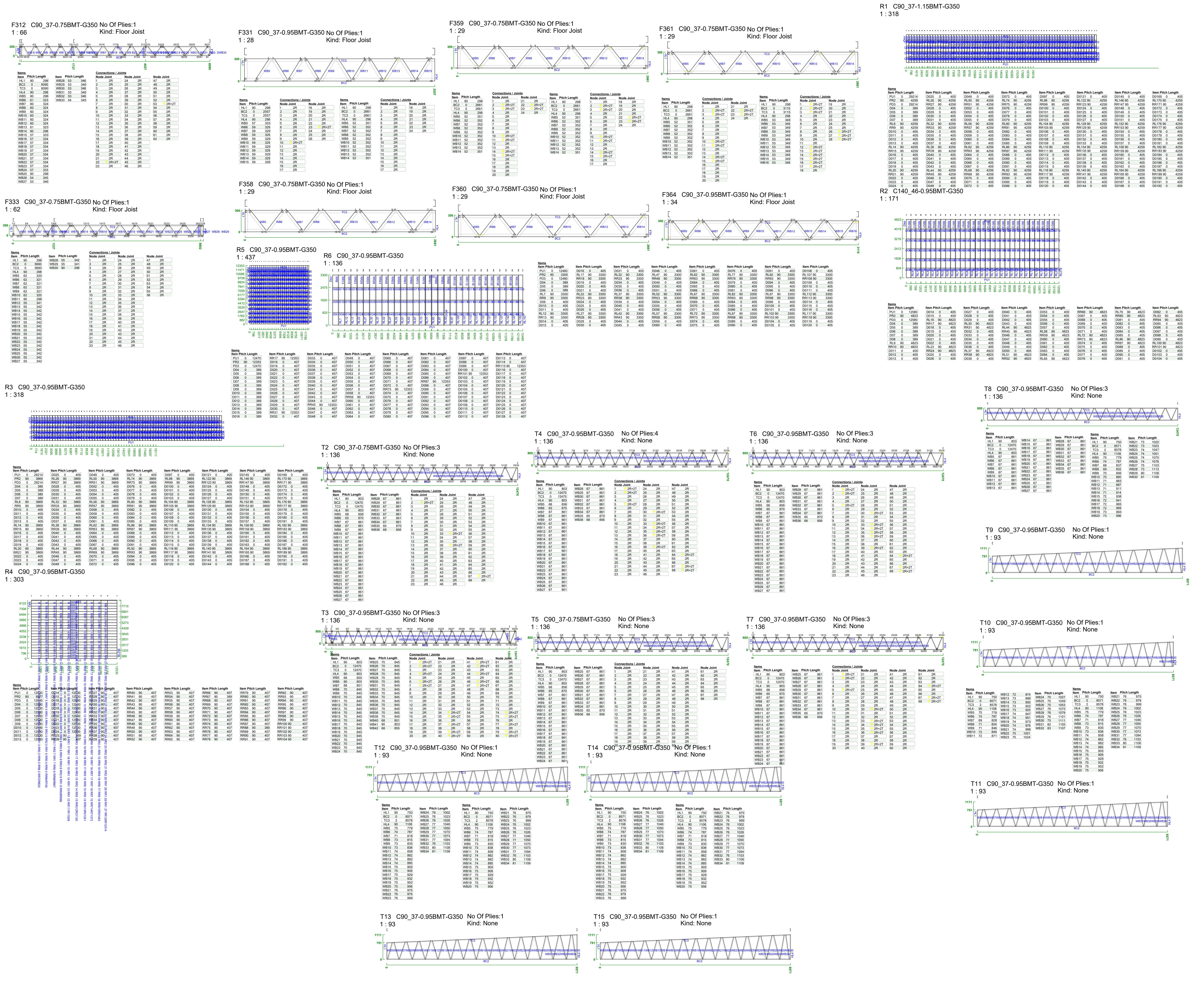
FECHA:
11/12/2025

ESCALA P:
INDICADA

CODIGO:

PLANO N°:
408

ARCHIVO:
EST-CEDI YOLOMBO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1 : 66
Kind: Floor Joist
F331 C90_37-0.95BMT-G350 No Of Plies:1
1 : 28
Kind: Floor Joist
F359 C90_37-0.75BMT-G350 No Of Plies:1
1 : 29
Kind: Floor Joist
F361 C90_37-0.75BMT-G350 No Of Plies:1
1 : 29
Kind: Floor Joist
R1 C90_37-1.15BMT-G350
1 : 318
F333 C90_37-0.75BMT-G350 No Of Plies:1
1 : 62
Kind: Floor Joist
F358 C90_37-0.75BMT-G350 No Of Plies:1
1 : 29
Kind: Floor Joist
F360 C90_37-0.75BMT-G350 No Of Plies:1
1 : 29
Kind: Floor Joist
F364 C90_37-0.95BMT-G350 No Of Plies:1
1 : 34
Kind: Floor Joist
R2 C140_46-0.95BMT-G350
1 : 171
R5 C90_37-0.95BMT-G350
1 : 437
R6 C90_37-0.95BMT-G350
1 : 136
R3 C90_37-0.95BMT-G350
1 : 318
T8 C90_37-0.95BMT-G350 No Of Plies:3
1 : 136
Kind: None
T4 C90_37-0.95BMT-G350 No Of Plies:4
1 : 136
Kind: None
T6 C90_37-0.95BMT-G350 No Of Plies:3
1 : 136
Kind: None
T2 C90_37-0.95BMT-G350 No Of Plies:3
1 : 136
Kind: None
R4 C90_37-0.95BMT-G350
1 : 303
T9 C90_37-0.95BMT-G350 No Of Plies:1
1 : 93
Kind: None
T3 C90_37-0.95BMT-G350 No Of Plies:3
1 : 136
Kind: None
T5 C90_37-0.75BMT-G350 No Of Plies:3
1 : 136
Kind: None
T7 C90_37-0.95BMT-G350 No Of Plies:3
1 : 136
Kind: None
T10 C90_37-0.95BMT-G350 No Of Plies:1
1 : 93
Kind: None
T12 C90_37-0.95BMT-G350 No Of Plies:1
1 : 93
Kind: None
T14 C90_37-0.95BMT-G350 No Of Plies:1
1 : 93
Kind: None
T11 C90_37-0.95BMT-G350 No Of Plies:1
1 : 93
Kind: None
T13 C90_37-0.95BMT-G350 No Of Plies:1
1 : 93
Kind: None
T15 C90_37-0.95BMT-G350 No Of Plies:1
1 : 93
Kind: None

CIUDAD DE YOLOMBÓ

ESTUDIOS Y DISEÑOS PARA LA
CONSTRUCCIÓN DEL CEDI,
CENTRO DE DISTRIBUCIÓN DE
MEDICAMENTOS DEL HOSPITAL
SAN RAFAEL DE YOLOMBÓ

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

CONSULTOR:

CONVERGE

CONVERGE CONSTRUCTORES S.A.S

LIENZO
ingenieria

OBRA:

**CEDI HOSPITAL
YOLOMBO**

CONTIENE:

DESPIECE MUROS 9

DISEÑÓ:

ING. CESAR CORDOBA

DIBUJÓ:

JORDAN RENTERIA GOMEZ

FIRMA:

ING. CESAR COROBA

MATRICULA: 011037–0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

FECHA:
11/12/2025

ESCALA P:
INDICADA

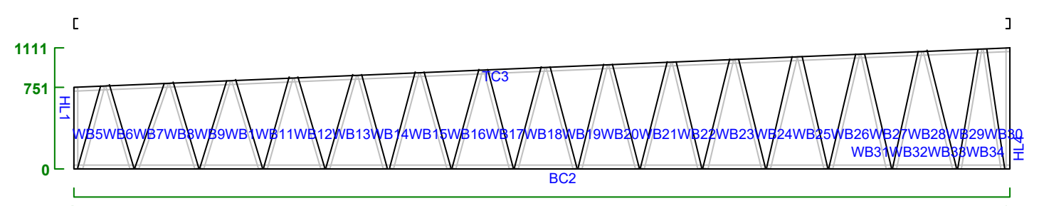
CODIGO:

PLANO N°:
409

ARCHIVO:
EST–CEDI YOLOMBO

### T16 C90_37-0.95BMT-G350
1 : 93

No Of Plies:1
Kind: None



**Items**

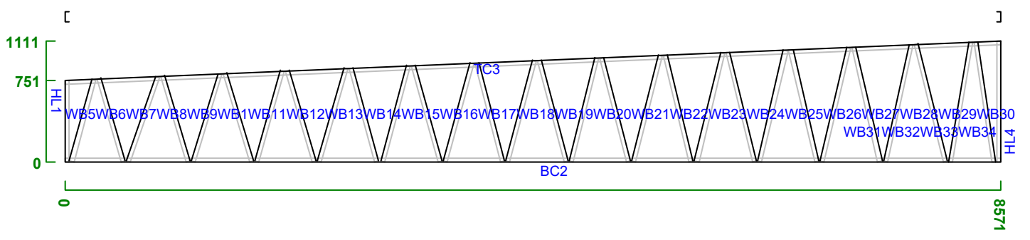
| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 750 |
| BC2 | 0 | 8571 |
| TC3 | 2 | 8578 |
| HL4 | 90 | 1108 |
| WB5 | 75 | 779 |
| WB6 | 74 | 787 |
| WB7 | 71 | 818 |
| WB8 | 73 | 815 |
| WB9 | 73 | 835 |
| WB10 | 73 | 838 |
| WB11 | 74 | 858 |
| WB12 | 74 | 862 |
| WB13 | 74 | 882 |
| WB14 | 74 | 885 |
| WB15 | 75 | 905 |
| WB16 | 75 | 909 |
| WB17 | 75 | 929 |
| WB18 | 75 | 932 |
| WB19 | 75 | 952 |
| WB20 | 75 | 956 |
| WB21 | 76 | 975 |
| WB22 | 76 | 979 |
| WB23 | 76 | 999 |
| WB24 | 76 | 1002 |
| WB25 | 76 | 1023 |
| WB26 | 76 | 1026 |
| WB27 | 77 | 1046 |
| WB28 | 77 | 1050 |
| WB29 | 77 | 1070 |
| WB30 | 77 | 1073 |
| WB31 | 77 | 1094 |
| WB32 | 76 | 1103 |
| WB33 | 80 | 1108 |
| WB34 | 81 | 1109 |

**Items**

| Item | Pitch | Length |
|---|---|---|
| HL1 | 90 | 750 |
| BC2 | 0 | 8571 |
| TC3 | 2 | 8578 |
| HL4 | 90 | 1108 |
| WB5 | 75 | 779 |
| WB6 | 74 | 787 |
| WB7 | 71 | 818 |
| WB8 | 73 | 815 |
| WB9 | 73 | 835 |
| WB10 | 73 | 838 |
| WB11 | 74 | 858 |
| WB12 | 74 | 862 |
| WB13 | 74 | 882 |
| WB14 | 74 | 885 |
| WB15 | 75 | 905 |
| WB16 | 75 | 909 |
| WB17 | 75 | 929 |
| WB18 | 75 | 932 |
| WB19 | 75 | 952 |
| WB20 | 75 | 956 |
| WB21 | 76 | 975 |
| WB22 | 76 | 979 |
| WB23 | 76 | 999 |
| WB24 | 76 | 1002 |
| WB25 | 76 | 1023 |
| WB26 | 76 | 1026 |
| WB27 | 77 | 1046 |
| WB28 | 77 | 1050 |
| WB29 | 77 | 1070 |
| WB30 | 77 | 1073 |
| WB31 | 77 | 1094 |
| WB32 | 76 | 1103 |
| WB33 | 80 | 1108 |
| WB34 | 81 | 1109 |

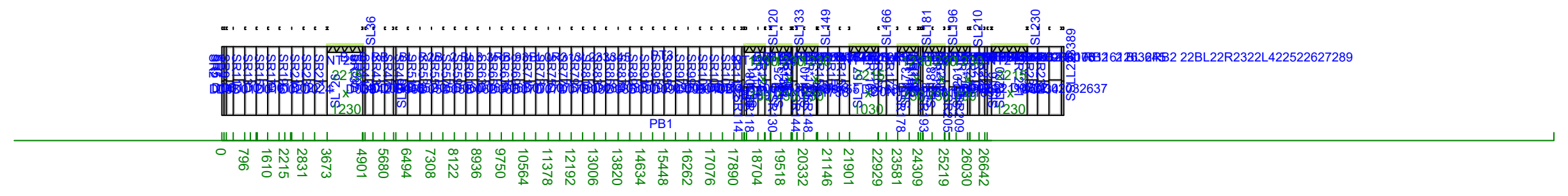
### T17 C90_37-0.95BMT-G350
1 : 93

No Of Plies:1
Kind: None



### W1 C90_37-0.95BMT-G350
1 : 320

External Wall :No
Load Bearing :Yes



**Items**

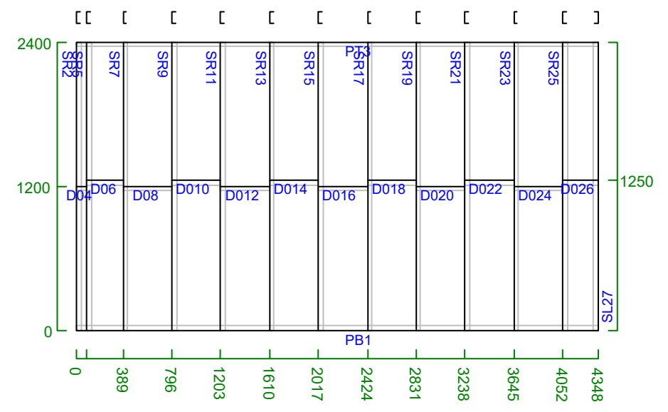
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 29392 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 29392 |
| D04 | 0 | 89 |
| SR5 | 90 | 2400 |
| D06 | 0 | 90 |
| SR7 | 90 | 2400 |
| D08 | 0 | 210 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 3635 - 4941 | 2215 - 2515 | 1306 | Near | | 300 | | |
| Plate | 3635 - 4941 | 2215 - 2515 | 1306 | Far | | 300 | | |
| Plate | 18199 - 19005 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 18199 - 19005 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 19109 - 19915 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 19109 - 19915 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 20019 - 20825 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 20019 - 20825 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 21863 - 22969 | 2215 - 2515 | 1106 | Near | | 300 | | |
| Plate | 21863 - 22969 | 2215 - 2515 | 1106 | Far | | 300 | | |
| Plate | 23543 - 24349 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 23543 - 24349 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 24453 - 25259 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 24453 - 25259 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 25363 - 26169 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 25363 - 26169 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 26838 - 28144 | 2215 - 2515 | 1306 | Near | | 300 | | |
| Plate | 26838 - 28144 | 2215 - 2515 | 1306 | Far | | 300 | | |

### W2 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

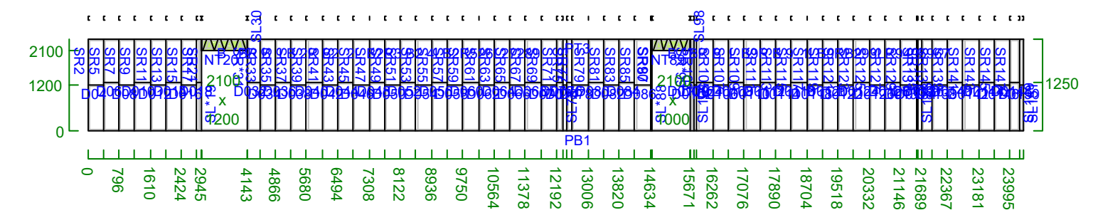


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4348 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 4348 |
| D04 | 0 | 89 |
| SR5 | 90 | 2400 |
| D06 | 0 | 300 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 407 |
| SR25 | 90 | 2400 |
| D026 | 0 | 296 |
| SL27 | 90 | 2400 |

### W8 C140_46-0.95BMT-G350
1 : 265

External Wall :No
Load Bearing :Yes



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 24350 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 24350 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 114 |
| SL*19 | 90 | 2400 |
| NT20 | 0 | 1200 |
| SR21 | 90 | 300 |
| BR22 | 72 | 316 |
| BL23 | 72 | 316 |
| BR24 | 72 | 316 |
| BL25 | 72 | 316 |
| BR26 | 72 | 316 |
| BL27 | 72 | 316 |
| BR28 | 72 | 316 |
| BL29 | 72 | 316 |
| SL30 | 90 | 300 |
| SR*31 | 90 | 2400 |
| D032 | 0 | 314 |
| SR33 | 90 | 2400 |
| D034 | 0 | 407 |
| SR35 | 90 | 2400 |
| D036 | 0 | 407 |
| SR37 | 90 | 2400 |
| D038 | 0 | 407 |
| SR39 | 90 | 2400 |
| D040 | 0 | 407 |
| SR41 | 90 | 2400 |
| D042 | 0 | 407 |
| SR43 | 90 | 2400 |
| D044 | 0 | 407 |
| SR45 | 90 | 2400 |
| D046 | 0 | 407 |
| SR47 | 90 | 2400 |
| D048 | 0 | 407 |
| SR49 | 90 | 2400 |
| D050 | 0 | 407 |
| SR51 | 90 | 2400 |
| D052 | 0 | 407 |
| SR53 | 90 | 2400 |
| D054 | 0 | 407 |
| SR55 | 90 | 2400 |
| D056 | 0 | 407 |
| SR57 | 90 | 2400 |
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| SR59 | 90 | 2400 |
| D060 | 0 | 407 |
| SR61 | 90 | 2400 |
| D062 | 0 | 407 |
| SR63 | 90 | 2400 |
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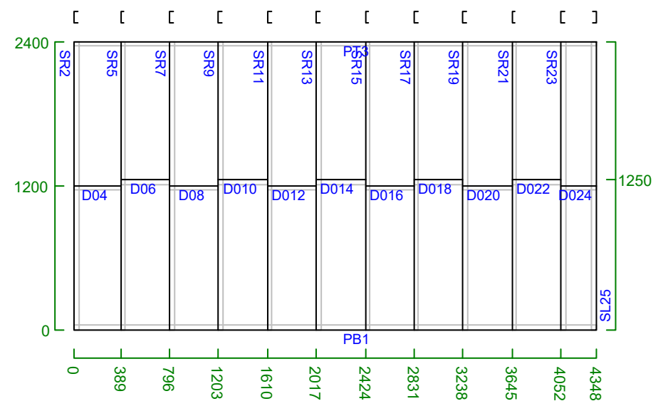
| SR65 | 90 | 2400 |
| D066 | 0 | 407 |
| SR67 | 90 | 2400 |
| D068 | 0 | 407 |
| SR69 | 90 | 2400 |
| D070 | 0 | 407 |
| SR71 | 90 | 2400 |
| D072 | 0 | 174 |
| SL73 | 90 | 2400 |
| D074 | 0 | 90 |
| SR75 | 90 | 2400 |
| D076 | 0 | 143 |
| SR77 | 90 | 2400 |
| D078 | 0 | 407 |
| SR79 | 90 | 2400 |
| D080 | 0 | 407 |
| SR81 | 90 | 2400 |
| D082 | 0 | 407 |
| SR83 | 90 | 2400 |
| D084 | 0 | 407 |
| SR85 | 90 | 2400 |
| D086 | 0 | 407 |
| SR87 | 90 | 2400 |
| SL*88 | 90 | 2400 |
| NT89 | 0 | 1000 |
| SR90 | 90 | 300 |
| BR91 | 73 | 313 |
| BL92 | 73 | 313 |
| BR93 | 73 | 313 |
| BL94 | 73 | 313 |
| BR95 | 73 | 313 |
| BL96 | 73 | 313 |
| BR97 | 73 | 313 |
| SL98 | 90 | 300 |
| SR*99 | 90 | 2400 |
| D0100 | 0 | 87 |
| SL101 | 90 | 2400 |
| D0102 | 0 | 90 |
| SR103 | 90 | 2400 |
| D0104 | 0 | 412 |
| SR105 | 90 | 2400 |
| D0106 | 0 | 407 |
| SR107 | 90 | 2400 |
| D0108 | 0 | 407 |
| SR109 | 90 | 2400 |
| D0110 | 0 | 407 |
| SR111 | 90 | 2400 |
| D0112 | 0 | 407 |
| SR113 | 90 | 2400 |
| D0114 | 0 | 407 |
| SR115 | 90 | 2400 |
| D0116 | 0 | 407 |
| SR117 | 90 | 2400 |
| D0118 | 0 | 407 |
| SR119 | 90 | 2400 |
| D0120 | 0 | 407 |
| SR121 | 90 | 2400 |
| D0122 | 0 | 407 |
| SR123 | 90 | 2400 |
| D0124 | 0 | 407 |
| SR125 | 90 | 2400 |
| D0126 | 0 | 407 |
| SR127 | 90 | 2400 |
| D0128 | 0 | 407 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 2907 - 4183 | 2100 - 2400 | 1276 | Near | | 300 | | |
| Plate | 2907 - 4183 | 2100 - 2400 | 1276 | Far | | 300 | | |
| Plate | 14635 - 15711 | 2100 - 2400 | 1076 | Near | | 300 | | |
| Plate | 14635 - 15711 | 2100 - 2400 | 1076 | Far | | 300 | | |

### W9 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

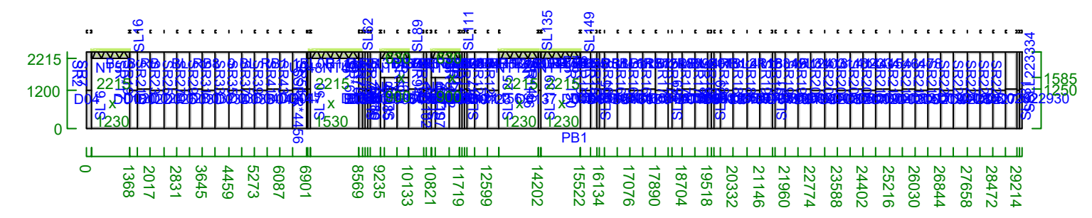


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4348 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 4348 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 296 |
| SL25 | 90 | 2400 |

### W3 C90_37-0.95BMT-G350
1 : 320

External Wall :No
Load Bearing :Yes



**Items**

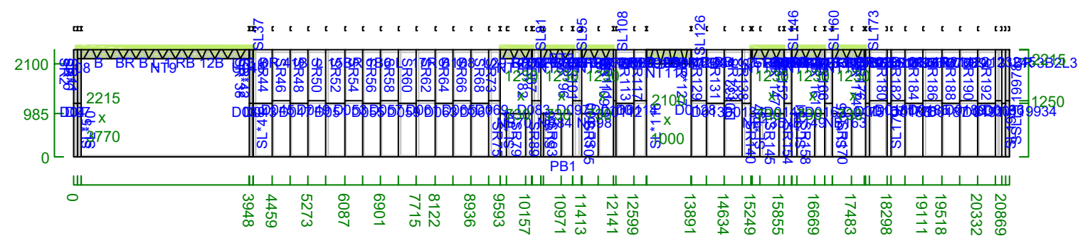
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 29393 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 29393 |
| D04 | 0 | 140 |
| NT5 | 0 | 1230 |
| SL*6 | 90 | 2400 |
| SR7 | 90 | 185 |
| BR8 | 61 | 211 |
| BL9 | 61 | 211 |
| BR10 | 61 | 211 |
| BL11 | 61 | 211 |
| BR12 | 61 | 211 |
| BL13 | 61 | 211 |
| BR14 | 61 | 211 |
| BL15 | 61 | 211 |
| SL16 | 90 | 185 |
| SR*17 | 90 | 2400 |
| D018 | 0 | 240 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 407 |
| SR25 | 90 | 2400 |
| D026 | 0 | 407 |
| SR27 | 90 | 2400 |
| D028 | 0 | 407 |
| SR29 | 90 | 2400 |
| D030 | 0 | 407 |
| SR31 | 90 | 2400 |
| D032 | 0 | 407 |
| SR33 | 90 | 2400 |
| D034 | 0 | 407 |
| SR35 | 90 | 2400 |
| D036 | 0 | 407 |
| SR37 | 90 | 2400 |
| D038 | 0 | 407 |
| SR39 | 90 | 2400 |
| D040 | 0 | 407 |
| SR41 | 90 | 2400 |
| D042 | 0 | 407 |
| SR43 | 90 | 2400 |
| D044 | 0 | 407 |
| SR45 | 90 | 2400 |
| SR*46 | 90 | 2400 |
| D047 | 0 | 100 |
| U048 | 0 | 100 |
| NT49 | 0 | 1530 |
| SL*50 | 90 | 2400 |
| SR51 | 90 | 185 |
| BR52 | 61 | 212 |
| BL53 | 61 | 212 |
| BR54 | 61 | 212 |
| BL55 | 61 | 212 |
| BR56 | 61 | 212 |
| BL57 | 61 | 212 |
| BR58 | 61 | 212 |
| BL59 | 61 | 212 |
| BR60 | 61 | 212 |
| BL61 | 61 | 212 |
| SL62 | 90 | 185 |
| SR*63 | 90 | 2400 |
| D064 | 0 | 100 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 102 - 1408 | 2215 - 2515 | 1306 | Near | | 300 | | |
| Plate | 102 - 1408 | 2215 - 2515 | 1306 | Far | | 300 | | |
| Plate | 6941 - 8671 | 2215 - 2515 | 1730 | Near | | 300 | | |
| Plate | 6941 - 8671 | 2215 - 2515 | 1730 | Far | | 300 | | |
| Plate | 9197 - 10173 | 2215 - 2515 | 976 | Near | | 300 | | |
| Plate | 9197 - 10173 | 2215 - 2515 | 976 | Far | | 300 | | |
| Plate | 10783 - 11759 | 2215 - 2515 | 976 | Near | | 300 | | |
| Plate | 10783 - 11759 | 2215 - 2515 | 976 | Far | | 300 | | |
| Plate | 12936 - 14242 | 2215 - 2515 | 1306 | Near | | 300 | | |
| Plate | 12936 - 14242 | 2215 - 2515 | 1306 | Far | | 300 | | |
| Plate | 14256 - 15562 | 2215 - 2515 | 1306 | Near | | 300 | | |
| Plate | 14256 - 15562 | 2215 - 2515 | 1306 | Far | | 300 | | |

### W4 C90_37-0.95BMT-G350
1 : 229

External Wall :No
Load Bearing :Yes



**Items**

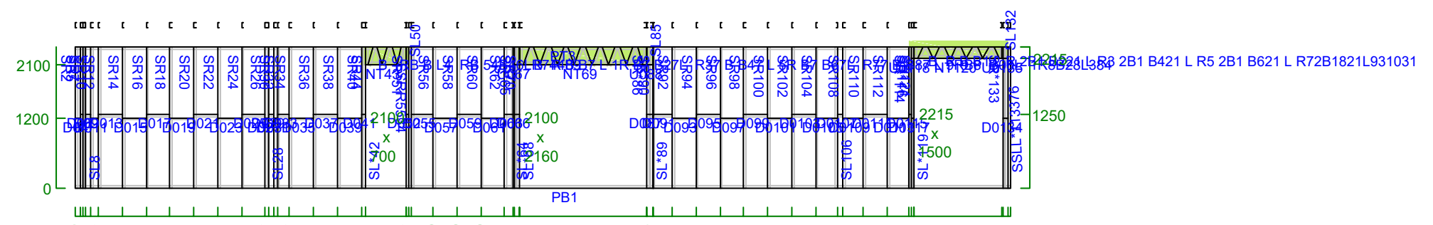
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 21048 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 21048 |
| D04 | 0 | 78 |
| SL*5 | 90 | 2400 |
| SR*6 | 90 | 2400 |
| D07 | 0 | 100 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 40 - 4090 | 2215 - 2515 | 4050 | Near | | 300 | | |
| Plate | 40 - 4090 | 2215 - 2515 | 4050 | Far | | 300 | | |
| Plate | 9555 - 10361 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 9555 - 10361 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 10465 - 11271 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 10465 - 11271 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 11375 - 12181 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 11375 - 12181 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 12855 - 13931 | 2100 - 2400 | 1076 | Near | | 300 | | |
| Plate | 12855 - 13931 | 2100 - 2400 | 1076 | Far | | 300 | | |
| Plate | 15211 - 16017 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 15211 - 16017 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 16121 - 16927 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 16121 - 16927 | 2215 - 2515 | 806 | Far | | 300 | | |
| Plate | 17031 - 17837 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 17031 - 17837 | 2215 - 2515 | 806 | Far | | 300 | | |

### W6 C140_46-0.95BMT-G350
1 : 173

External Wall :No
Load Bearing :Yes



**Items**

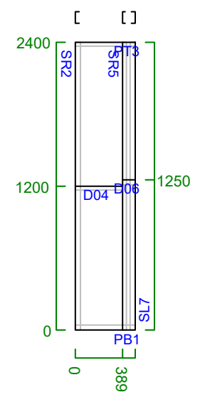
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 15920 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 15920 |
| D04 | 0 | 90 |
| SR5 | 90 | 2400 |
| D06 | 0 | 50 |
| SR7 | 90 | 2400 |
| SL8 | 90 | 2400 |
| D09 | 0 | 90 |
| SR10 | 90 | 2400 |
| D011 | 0 | 119 |
| SR12 | 90 | 2400 |
| D013 | 0 | 407 |
| SR14 | 90 | 2400 |
| D015 | 0 | 407 |
| SR16 | 90 | 2400 |
| D017 | 0 | 407 |
| SR18 | 90 | 2400 |
| D019 | 0 | 407 |
| SR20 | 90 | 2400 |
| D021 | 0 | 407 |
| SR22 | 90 | 2400 |
| D023 | 0 | 407 |
| SR24 | 90 | 2400 |
| D025 | 0 | 407 |
| SR26 | 90 | 2400 |
| D027 | 0 | 60 |
| SL28 | 90 | 2400 |
| D029 | 0 | 90 |
| SR30 | 90 | 2400 |
| D031 | 0 | 50 |
| SR32 | 90 | 2400 |
| D033 | 0 | 207 |
| SR34 | 90 | 2400 |
| D035 | 0 | 407 |
| SR36 | 90 | 2400 |
| D037 | 0 | 407 |
| SR38 | 90 | 2400 |
| D039 | 0 | 407 |
| SR40 | 90 | 2400 |
| D041 | 0 | 67 |
| SL*42 | 90 | 2400 |
| NT43 | 0 | 700 |
| SR44 | 90 | 300 |
| BR45 | 75 | 311 |
| BL46 | 75 | 311 |
| BR47 | 75 | 311 |
| BL48 | 75 | 311 |
| BR49 | 75 | 311 |
| SL50 | 90 | 300 |
| SR*51 | 90 | 2400 |
| D052 | 0 | 47 |
| SR53 | 90 | 2400 |
| SR54 | 90 | 2400 |
| D055 | 0 | 364 |
| SR56 | 90 | 2400 |
| D057 | 0 | 407 |
| SR58 | 90 | 2400 |
| D059 | 0 | 407 |
| SR60 | 90 | 2400 |
| D061 | 0 | 407 |
| SR62 | 90 | 2400 |
| D063 | 0 | 153 |
| SL*64 | 90 | 2400 |
| SR*65 | 90 | 2400 |
| D066 | 0 | 100 |
| U067 | 0 | 100 |
| SL*68 | 90 | 2400 |
| NT69 | 0 | 2160 |
| SR70 | 90 | 300 |
| BR71 | 70 | 319 |
| BL72 | 70 | 319 |
| BR73 | 70 | 319 |
| BL74 | 70 | 319 |
| BR75 | 70 | 319 |
| BL76 | 70 | 319 |
| BR77 | 70 | 319 |
| BL78 | 70 | 319 |
| BR79 | 70 | 319 |
| BL80 | 70 | 319 |
| BR81 | 70 | 319 |
| BL82 | 70 | 319 |
| BR83 | 70 | 319 |
| BL84 | 70 | 319 |
| SL85 | 90 | 300 |
| SR*86 | 90 | 2400 |
| D087 | 0 | 100 |
| U088 | 0 | 100 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 4895 - 5671 | 2100 - 2400 | 776 | Near | | 300 | | |
| Plate | 4895 - 5671 | 2100 - 2400 | 776 | Far | | 300 | | |
| Plate | 7423 - 9863 | 2100 - 2400 | 2440 | Near | | 300 | | |
| Plate | 7423 - 9863 | 2100 - 2400 | 2440 | Far | | 300 | | |
| Plate | 14180 - 15880 | 2215 - 2515 | 1700 | Near | | 300 | | |
| Plate | 14180 - 15880 | 2215 - 2515 | 1700 | Far | | 300 | | |

### W7 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

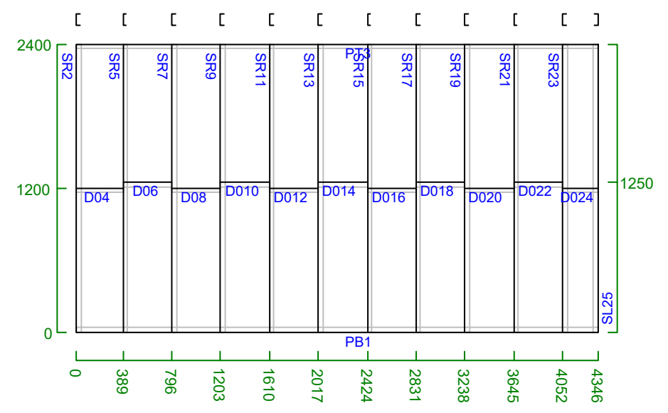


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 499 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 499 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 110 |
| SL7 | 90 | 2400 |

### W10 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

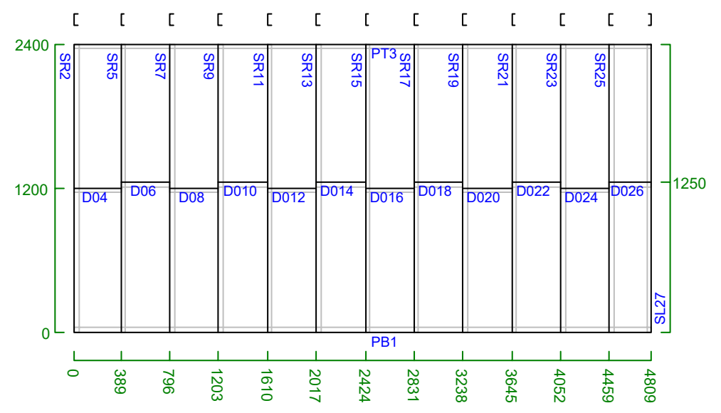


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4346 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 4346 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 294 |
| SL25 | 90 | 2400 |

### W12 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

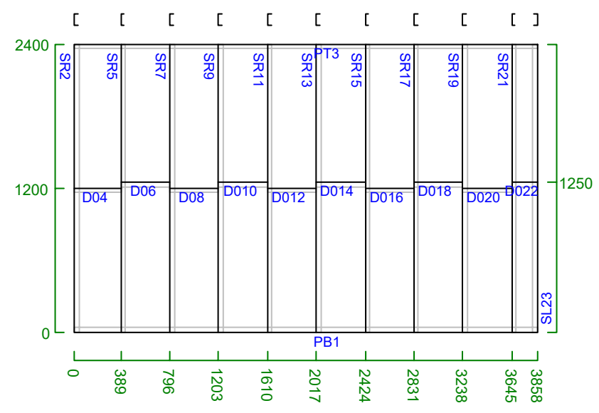


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4809 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 4809 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 407 |
| SR25 | 90 | 2400 |
| D026 | 0 | 350 |
| SL27 | 90 | 2400 |

### W15 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

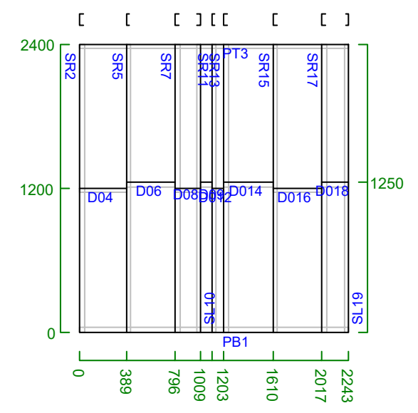


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 3858 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 3858 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 213 |
| SL23 | 90 | 2400 |

### W17 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

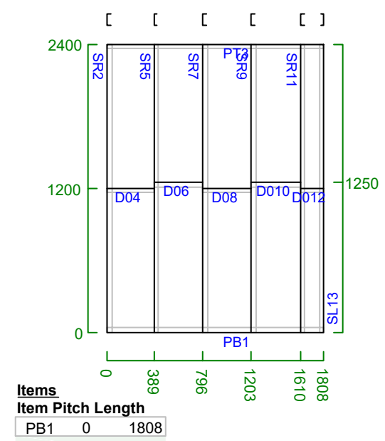


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 2243 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 2243 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 213 |
| D09 | 0 | 90 |
| SL10 | 90 | 2400 |
| SR11 | 90 | 2400 |
| D012 | 0 | 104 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 226 |
| SL19 | 90 | 2400 |

### W19 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

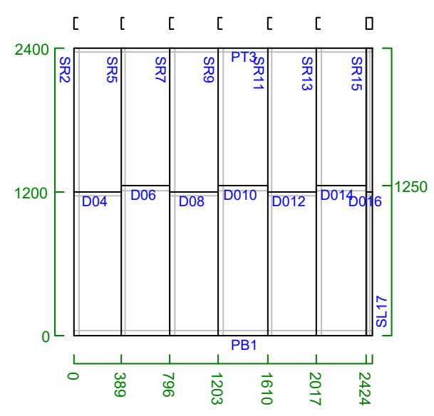


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1808 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1808 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 198 |
| SL13 | 90 | 2400 |

### W20 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

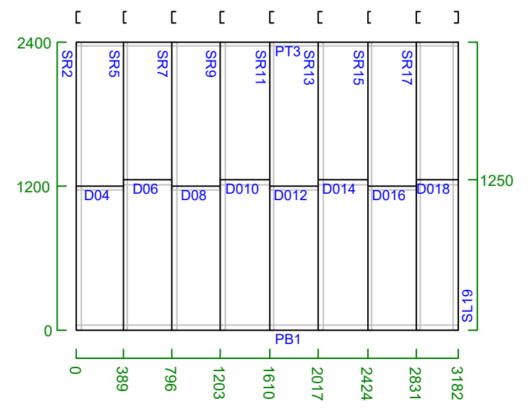


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 2477 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 2477 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 53 |
| SL17 | 90 | 2400 |

### W11 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

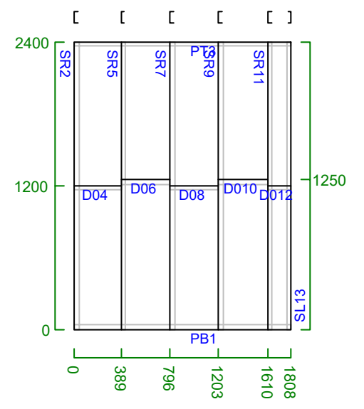


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 3182 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 3182 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 351 |
| SL19 | 90 | 2400 |

### W13 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

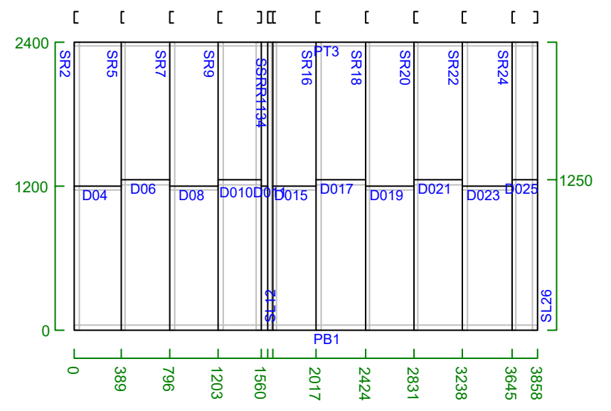


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1808 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1808 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 198 |
| SL13 | 90 | 2400 |

### W16 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes

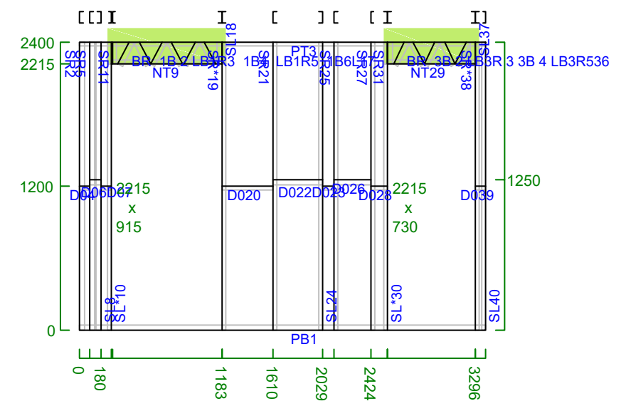


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 3858 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 3858 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 357 |
| D011 | 0 | 50 |
| SL12 | 90 | 2400 |
| SR13 | 90 | 2400 |
| SR14 | 90 | 2400 |
| D015 | 0 | 367 |
| SR16 | 90 | 2400 |
| D017 | 0 | 407 |
| SR18 | 90 | 2400 |
| D019 | 0 | 407 |
| SR20 | 90 | 2400 |
| D021 | 0 | 407 |
| SR22 | 90 | 2400 |
| D023 | 0 | 407 |
| SR24 | 90 | 2400 |
| D025 | 0 | 213 |
| SL26 | 90 | 2400 |

### W18 C90_37-0.95BMT-G350
1 : 85

External Wall :No
Load Bearing :Yes



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 3388 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 3388 |
| D04 | 0 | 90 |
| SR5 | 90 | 2400 |
| D06 | 0 | 90 |
| D07 | 0 | 90 |
| SL8 | 90 | 2400 |
| NT9 | 0 | 915 |
| SL*10 | 90 | 2400 |
| SR11 | 90 | 185 |
| BR12 | 63 | 209 |
| BL13 | 63 | 209 |
| BR14 | 63 | 209 |
| BL15 | 63 | 209 |
| BR16 | 63 | 209 |
| BL17 | 63 | 209 |
| SL18 | 90 | 185 |
| SR*19 | 90 | 2400 |
| D020 | 0 | 425 |
| SR21 | 90 | 2400 |
| D022 | 0 | 419 |
| D023 | 0 | 90 |
| SL24 | 90 | 2400 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 232 - 1223 | 2215 - 2515 | 991 | Near | | 300 | | |
| Plate | 232 - 1223 | 2215 - 2515 | 991 | Far | | 300 | | |
| Plate | 2530 - 3336 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 2530 - 3336 | 2215 - 2515 | 806 | Far | | 300 | | |

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CIUDAD DE YOLOMBO

ESTUDIOS Y DISEÑOS PARA LA
CONSTRUCCIÓN DEL CEDI,
CENTRO DE DISTRIBUCIÓN DE
MEDICAMENTOS DEL HOSPITAL
SAN RAFAEL DE YOLOMBÓ

PROPIETARIO:

ESE Hospital San Rafael
**Yolombó**
*Transformando vidas*

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

CONSULTOR:

CONVERGE

CONVERGE CONSTRUCTORES S.A.S

LIENZO
ingeniería

OBRA:

**CEDI HOSPITAL
YOLOMBO**

CONTIENE:
DESPIECE MUROS 10

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037-0612583 ANT

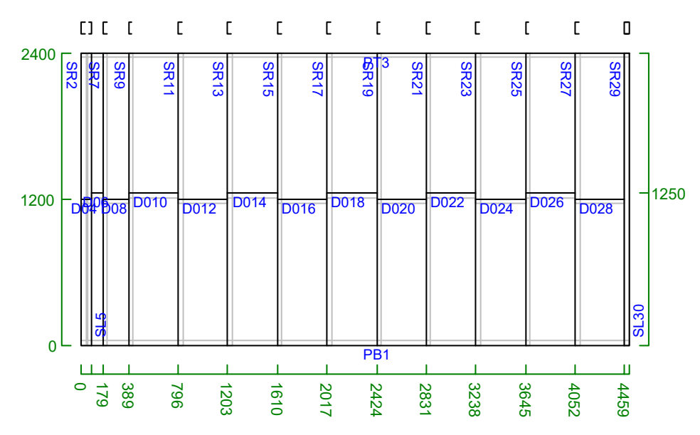
FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
ARCHIVO: EST-CEDI YOLOMBO
PLANO N°: 410

W21 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



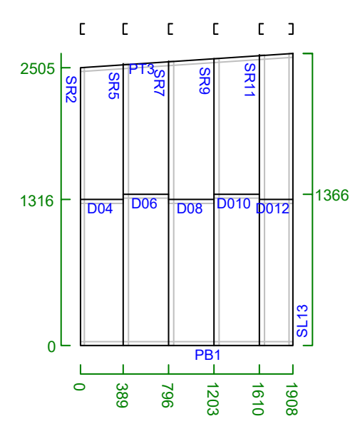
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4498 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 4498 |
| D04 | 0 | 89 |
| SL5 | 90 | 2400 |
| D06 | 0 | 90 |
| SR7 | 90 | 2400 |
| D08 | 0 | 210 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 407 |
| SR25 | 90 | 2400 |
| D026 | 0 | 407 |
| SR27 | 90 | 2400 |
| D028 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR29 | 90 | 2400 |
| SL30 | 90 | 2400 |

W46 C90_37-0.95BMT-G350
1 : 93
External Wall :No
Load Bearing :No

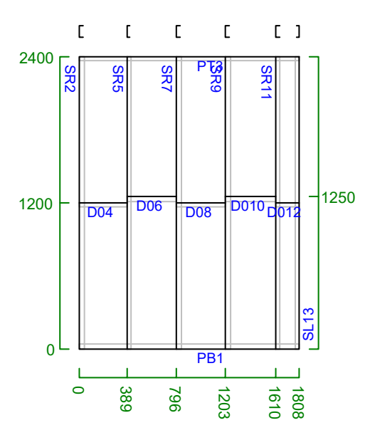


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1908 |
| SR2 | 90 | 2505 |
| PT3 | 4 | 1912 |
| D04 | 0 | 389 |
| SR5 | 90 | 2531 |
| D06 | 0 | 407 |
| SR7 | 90 | 2558 |
| D08 | 0 | 407 |
| SR9 | 90 | 2585 |
| D010 | 0 | 407 |
| SR11 | 90 | 2612 |

| Item | Pitch | Length |
|---|---|---|
| D012 | 0 | 298 |
| SL13 | 90 | 2632 |

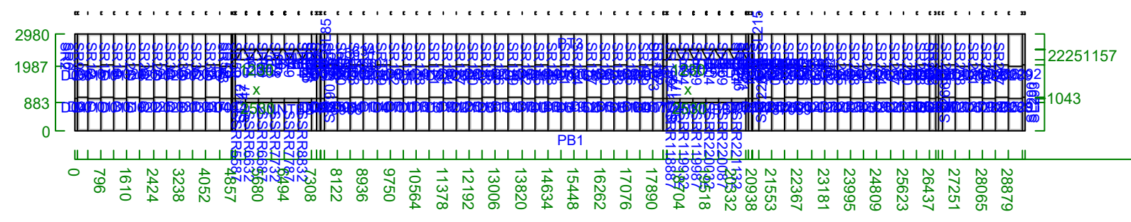
W23 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1808 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1808 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 198 |
| SL13 | 90 | 2400 |

W25 C90_37-0.95BMT-G350
1 : 320
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 29392 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 29392 |
| D04 | 0 | 89 |
| D05 | 0 | 89 |
| SR6 | 90 | 2980 |
| D07 | 0 | 300 |
| D08 | 0 | 300 |
| SR9 | 90 | 2980 |
| D010 | 0 | 407 |
| D011 | 0 | 407 |
| SR12 | 90 | 2980 |
| D013 | 0 | 407 |
| D014 | 0 | 407 |
| SR15 | 90 | 2980 |
| D016 | 0 | 407 |
| D017 | 0 | 407 |
| SR18 | 90 | 2980 |
| D019 | 0 | 407 |
| D020 | 0 | 407 |
| SR21 | 90 | 2980 |
| D022 | 0 | 407 |
| D023 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR24 | 90 | 2980 |
| D025 | 0 | 407 |
| D026 | 0 | 407 |
| SR27 | 90 | 2980 |
| D028 | 0 | 407 |
| D029 | 0 | 407 |
| SR30 | 90 | 2980 |
| D031 | 0 | 407 |
| D032 | 0 | 407 |
| SR33 | 90 | 2980 |
| D034 | 0 | 407 |
| D035 | 0 | 407 |
| SR36 | 90 | 2980 |
| D037 | 0 | 407 |
| D038 | 0 | 407 |
| SR39 | 90 | 2980 |
| D040 | 0 | 398 |
| D041 | 0 | 398 |
| SL*42 | 90 | 2980 |
| SR*43 | 90 | 2980 |
| D044 | 0 | 100 |
| D045 | 0 | 100 |
| U046 | 0 | 100 |

| Item | Pitch | Length |
|---|---|---|
| SL*47 | 90 | 2980 |
| NB48 | 0 | 2530 |
| NT49 | 0 | 2530 |
| NB50 | 0 | 2530 |
| NT51 | 0 | 2530 |
| SR52 | 90 | 765 |
| D053 | 0 | 2526 |
| U054 | 0 | 2526 |
| BR55 | 61 | 341 |
| BL56 | 61 | 341 |
| SR57 | 90 | 883 |
| SR58 | 90 | 100 |
| SR59 | 90 | 463 |
| BR60 | 61 | 341 |
| BL61 | 61 | 341 |
| SR62 | 90 | 883 |
| SR63 | 90 | 100 |
| SR64 | 90 | 463 |
| BR65 | 61 | 341 |
| BL66 | 61 | 341 |
| SR67 | 90 | 883 |
| SR68 | 90 | 100 |
| SR69 | 90 | 463 |

| Item | Pitch | Length |
|---|---|---|
| BR70 | 61 | 341 |
| BL71 | 61 | 341 |
| SR72 | 90 | 883 |
| SR73 | 90 | 100 |
| SR74 | 90 | 463 |
| BR75 | 61 | 341 |
| BL76 | 61 | 341 |
| SR77 | 90 | 883 |
| SR78 | 90 | 100 |
| SR79 | 90 | 463 |
| BR80 | 61 | 341 |
| BL81 | 61 | 341 |
| SR82 | 90 | 883 |
| SR83 | 90 | 100 |
| SR84 | 90 | 463 |
| SL85 | 90 | 765 |
| SR*86 | 90 | 2980 |
| D087 | 0 | 100 |
| D088 | 0 | 100 |
| U089 | 0 | 100 |
| SL*90 | 90 | 2980 |
| SR*91 | 90 | 2980 |
| D092 | 0 | 124 |

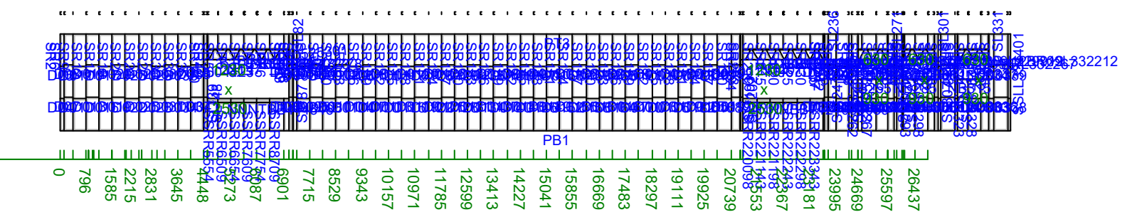
| Item | Pitch | Length |
|---|---|---|
| D093 | 0 | 124 |
| SR94 | 90 | 2980 |
| D095 | 0 | 407 |
| D096 | 0 | 407 |
| SR97 | 90 | 2980 |
| D098 | 0 | 407 |
| D099 | 0 | 407 |
| SR100 | 90 | 2980 |
| D0101 | 0 | 407 |
| D0102 | 0 | 407 |
| SR103 | 90 | 2980 |
| D0104 | 0 | 407 |
| D0105 | 0 | 407 |
| SR106 | 90 | 2980 |
| D0107 | 0 | 407 |
| D0108 | 0 | 407 |
| SR109 | 90 | 2980 |
| D0110 | 0 | 407 |
| D0111 | 0 | 407 |
| SR112 | 90 | 2980 |
| D0113 | 0 | 407 |
| D0114 | 0 | 407 |
| SR115 | 90 | 2980 |

| Item | Pitch | Length |
|---|---|---|
| D0116 | 0 | 407 |
| D0117 | 0 | 407 |
| SR118 | 90 | 2980 |
| D0119 | 0 | 407 |
| D0120 | 0 | 407 |
| SR121 | 90 | 2980 |
| D0122 | 0 | 407 |
| D0123 | 0 | 407 |
| SR124 | 90 | 2980 |
| D0125 | 0 | 407 |
| D0126 | 0 | 407 |
| SR127 | 90 | 2980 |
| D0128 | 0 | 407 |
| D0129 | 0 | 407 |
| SR130 | 90 | 2980 |
| D0131 | 0 | 407 |
| D0132 | 0 | 407 |
| SR133 | 90 | 2980 |
| D0134 | 0 | 407 |
| D0135 | 0 | 407 |
| SR136 | 90 | 2980 |
| D0137 | 0 | 407 |
| D0138 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR139 | 90 | 2980 |
| D0140 | 0 | 407 |
| D0141 | 0 | 407 |
| SR142 | 90 | 2980 |
| D0143 | 0 | 407 |
| D0144 | 0 | 407 |
| SR145 | 90 | 2980 |
| D0146 | 0 | 407 |
| D0147 | 0 | 407 |
| SR148 | 90 | 2980 |
| D0149 | 0 | 407 |
| D0150 | 0 | 407 |
| SR151 | 90 | 2980 |
| D0152 | 0 | 407 |
| D0153 | 0 | 407 |
| SR154 | 90 | 2980 |
| D0155 | 0 | 407 |
| D0156 | 0 | 407 |
| SR157 | 90 | 2980 |
| D0158 | 0 | 407 |
| D0159 | 0 | 407 |
| SR160 | 90 | 2980 |
| D0161 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| D0162 | 0 | 407 |
| SR163 | 90 | 2980 |
| D0164 | 0 | 407 |
| D0165 | 0 | 407 |
| SR166 | 90 | 2980 |
| D0167 | 0 | 407 |
| D0168 | 0 | 407 |
| SR169 | 90 | 2980 |
| D0170 | 0 | 316 |
| D0171 | 0 | 316 |
| SL*172 | 90 | 2980 |
| SR*173 | 90 | 2980 |
| D0174 | 0 | 100 |
| D0175 | 0 | 100 |
| U0176 | 0 | 100 |
| SL*177 | 90 | 2980 |
| NB178 | 0 | 2530 |
| NT179 | 0 | 2530 |
| NB180 | 0 | 2530 |
| NT181 | 0 | 2530 |
| SR182 | 90 | 765 |
| D0183 | 0 | 2526 |
| U0184 | 0 | 2526 |

W27 C90_37-0.95BMT-G350
1 : 320
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 29392 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 29392 |
| D04 | 0 | 139 |
| D05 | 0 | 139 |
| SR6 | 90 | 2980 |
| D07 | 0 | 250 |
| D08 | 0 | 250 |
| SR9 | 90 | 2980 |
| D010 | 0 | 407 |
| D011 | 0 | 407 |
| SR12 | 90 | 2980 |
| D013 | 0 | 407 |
| D014 | 0 | 407 |
| SR15 | 90 | 2980 |
| D016 | 0 | 407 |
| D017 | 0 | 407 |
| SR18 | 90 | 2980 |
| D019 | 0 | 407 |
| D020 | 0 | 407 |
| SR21 | 90 | 2980 |
| D022 | 0 | 407 |
| D023 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR24 | 90 | 2980 |
| D025 | 0 | 407 |
| D026 | 0 | 407 |
| SR27 | 90 | 2980 |
| D028 | 0 | 407 |
| D029 | 0 | 407 |
| SR30 | 90 | 2980 |
| D031 | 0 | 407 |
| D032 | 0 | 407 |
| SR33 | 90 | 2980 |
| D034 | 0 | 407 |
| D035 | 0 | 407 |
| SR36 | 90 | 2980 |
| D037 | 0 | 396 |
| D038 | 0 | 396 |
| SL*39 | 90 | 2980 |
| SR*40 | 90 | 2980 |
| D041 | 0 | 100 |
| D042 | 0 | 100 |
| U043 | 0 | 100 |
| NB44 | 0 | 2530 |
| NT45 | 0 | 2530 |
| NB46 | 0 | 2530 |

| Item | Pitch | Length |
|---|---|---|
| NT47 | 0 | 2530 |
| SL*48 | 90 | 2980 |
| SR49 | 90 | 765 |
| D050 | 0 | 2526 |
| U051 | 0 | 2526 |
| BR52 | 61 | 341 |
| BL53 | 61 | 341 |
| SR54 | 90 | 883 |
| SR55 | 90 | 100 |
| SR56 | 90 | 463 |
| BR57 | 61 | 341 |
| BL58 | 61 | 341 |
| SR59 | 90 | 883 |
| SR60 | 90 | 100 |
| SR61 | 90 | 463 |
| BR62 | 61 | 341 |
| BL63 | 61 | 341 |
| SR64 | 90 | 883 |
| SR65 | 90 | 100 |
| SR66 | 90 | 463 |
| BR67 | 61 | 341 |
| BL68 | 61 | 341 |
| SR69 | 90 | 883 |

| Item | Pitch | Length |
|---|---|---|
| SR70 | 90 | 100 |
| SR71 | 90 | 463 |
| BR72 | 61 | 341 |
| BL73 | 61 | 341 |
| SR74 | 90 | 883 |
| SR75 | 90 | 100 |
| SR76 | 90 | 463 |
| BR77 | 61 | 341 |
| BL78 | 61 | 341 |
| SR79 | 90 | 883 |
| SR80 | 90 | 100 |
| SR81 | 90 | 463 |
| SL82 | 90 | 765 |
| SR*83 | 90 | 2980 |
| D084 | 0 | 100 |
| D085 | 0 | 100 |
| U086 | 0 | 100 |
| SL*87 | 90 | 2980 |
| SR*88 | 90 | 2980 |
| D089 | 0 | 126 |
| D090 | 0 | 126 |
| SR91 | 90 | 2980 |
| D092 | 0 | 407 |

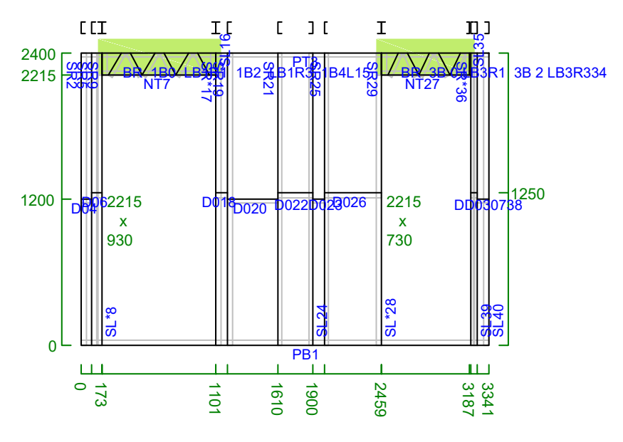
| Item | Pitch | Length |
|---|---|---|
| D093 | 0 | 407 |
| SR94 | 90 | 2980 |
| D095 | 0 | 407 |
| D096 | 0 | 407 |
| SR97 | 90 | 2980 |
| D098 | 0 | 407 |
| D099 | 0 | 407 |
| SR100 | 90 | 2980 |
| D0101 | 0 | 407 |
| D0102 | 0 | 407 |
| SR103 | 90 | 2980 |
| D0104 | 0 | 407 |
| D0105 | 0 | 407 |
| SR106 | 90 | 2980 |
| D0107 | 0 | 407 |
| D0108 | 0 | 407 |
| SR109 | 90 | 2980 |
| D0110 | 0 | 407 |
| D0111 | 0 | 407 |
| SR112 | 90 | 2980 |
| D0113 | 0 | 407 |
| D0114 | 0 | 407 |
| SR115 | 90 | 2980 |

| Item | Pitch | Length |
|---|---|---|
| D0116 | 0 | 407 |
| D0117 | 0 | 407 |
| SR118 | 90 | 2980 |
| D0119 | 0 | 407 |
| D0120 | 0 | 407 |
| SR121 | 90 | 2980 |
| D0122 | 0 | 407 |
| D0123 | 0 | 407 |
| SR124 | 90 | 2980 |
| D0125 | 0 | 407 |
| D0126 | 0 | 407 |
| SR127 | 90 | 2980 |
| D0128 | 0 | 407 |
| D0129 | 0 | 407 |
| SR130 | 90 | 2980 |
| D0131 | 0 | 407 |
| D0132 | 0 | 407 |
| SR133 | 90 | 2980 |
| D0134 | 0 | 407 |
| D0135 | 0 | 407 |
| SR136 | 90 | 2980 |
| D0137 | 0 | 407 |
| D0138 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR139 | 90 | 2980 |
| D0140 | 0 | 407 |
| D0141 | 0 | 407 |
| SR142 | 90 | 2980 |
| D0143 | 0 | 407 |
| D0144 | 0 | 407 |
| SR145 | 90 | 2980 |
| D0146 | 0 | 407 |
| D0147 | 0 | 407 |
| SR148 | 90 | 2980 |
| D0149 | 0 | 407 |
| D0150 | 0 | 407 |
| SR151 | 90 | 2980 |
| D0152 | 0 | 407 |
| D0153 | 0 | 407 |
| SR154 | 90 | 2980 |
| D0155 | 0 | 407 |
| D0156 | 0 | 407 |
| SR157 | 90 | 2980 |
| D0158 | 0 | 407 |
| D0159 | 0 | 407 |
| SR160 | 90 | 2980 |
| D0161 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| D0162 | 0 | 407 |
| SR163 | 90 | 2980 |
| D0164 | 0 | 407 |
| D0165 | 0 | 407 |
| SR166 | 90 | 2980 |
| D0167 | 0 | 407 |
| D0168 | 0 | 407 |
| SR169 | 90 | 2980 |
| D0170 | 0 | 407 |
| D0171 | 0 | 407 |
| SR172 | 90 | 2980 |
| D0173 | 0 | 407 |
| D0174 | 0 | 407 |
| SR175 | 90 | 2980 |
| D0176 | 0 | 407 |
| D0177 | 0 | 407 |
| SR178 | 90 | 2980 |
| D0179 | 0 | 407 |
| D0180 | 0 | 407 |
| SR181 | 90 | 2980 |
| D0182 | 0 | 407 |
| D0183 | 0 | 407 |
| SR184 | 90 | 2980 |

W22 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 3341 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 3341 |

| Item | Pitch | Length |
|---|---|---|
| D04 | 0 | 90 |
| SR5 | 90 | 2400 |
| D06 | 0 | 83 |

| Item | Pitch | Length |
|---|---|---|
| NT7 | 0 | 930 |
| SL*8 | 90 | 2400 |
| SR9 | 90 | 185 |

| Item | Pitch | Length |
|---|---|---|
| BR10 | 62 | 210 |
| BL11 | 62 | 210 |
| BR12 | 62 | 210 |

| Item | Pitch | Length |
|---|---|---|
| BL13 | 62 | 210 |
| BR14 | 62 | 210 |
| BL15 | 62 | 210 |

| Item | Pitch | Length |
|---|---|---|
| SL16 | 90 | 185 |
| SR*17 | 90 | 2400 |
| D018 | 0 | 100 |

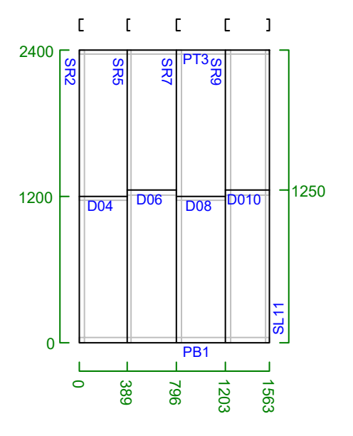
| Item | Pitch | Length |
|---|---|---|
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |

| Item | Pitch | Length |
|---|---|---|
| D022 | 0 | 290 |
| D023 | 0 | 90 |
| SL24 | 90 | 2400 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 135 - 1141 | 2215 - 2515 | 1006 | Near | | 300 | | |
| Plate | 135 - 1141 | 2215 - 2515 | 1006 | Far | | 300 | | |
| Plate | 2421 - 3227 | 2215 - 2515 | 806 | Near | | 300 | | |
| Plate | 2421 - 3227 | 2215 - 2515 | 806 | Far | | 300 | | |

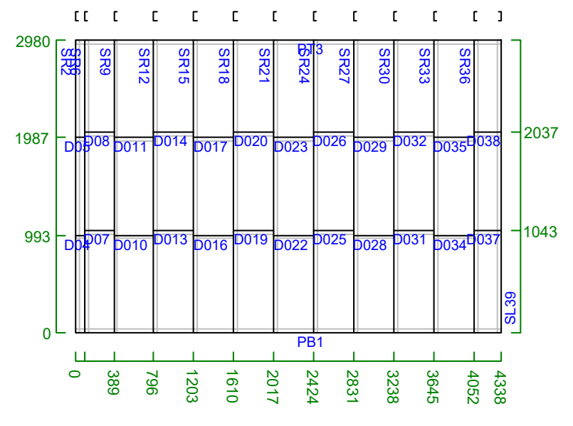
W24 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1563 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1563 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 360 |
| SL11 | 90 | 2400 |

W26 C90_37-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No



**Items**

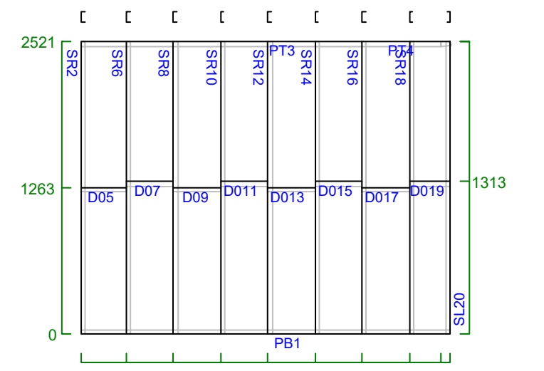
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4338 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 4338 |
| D04 | 0 | 89 |
| D05 | 0 | 89 |
| SR6 | 90 | 2980 |
| D07 | 0 | 300 |
| D08 | 0 | 300 |
| SR9 | 90 | 2980 |
| D010 | 0 | 407 |
| D011 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR12 | 90 | 2980 |
| D013 | 0 | 407 |
| D014 | 0 | 407 |
| SR15 | 90 | 2980 |
| D016 | 0 | 407 |
| D017 | 0 | 407 |
| SR18 | 90 | 2980 |
| D019 | 0 | 407 |
| D020 | 0 | 407 |
| SR21 | 90 | 2980 |
| D022 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| D023 | 0 | 407 |
| SR24 | 90 | 2980 |
| D025 | 0 | 407 |
| D026 | 0 | 407 |
| SR27 | 90 | 2980 |
| D028 | 0 | 407 |
| D029 | 0 | 407 |
| SR30 | 90 | 2980 |
| D031 | 0 | 407 |
| D032 | 0 | 407 |
| SR33 | 90 | 2980 |

| Item | Pitch | Length |
|---|---|---|
| D034 | 0 | 407 |
| D035 | 0 | 407 |
| SR36 | 90 | 2980 |
| D037 | 0 | 286 |
| D038 | 0 | 286 |
| SL39 | 90 | 2980 |

W56 C90_37-0.95BMT-G350
1 : 89
External Wall :No
Load Bearing :No

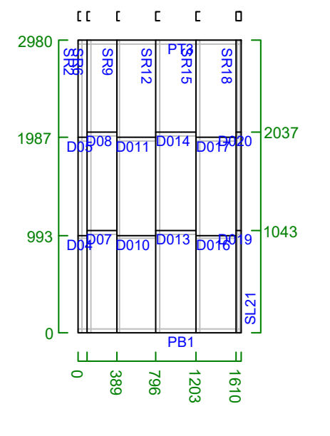


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 3188 |
| SR2 | 90 | 2521 |
| PT3 | 0 | 3099 |
| PT4 | 4 | 89 |
| D05 | 0 | 389 |
| SR6 | 90 | 2521 |
| D07 | 0 | 407 |
| SR8 | 90 | 2521 |
| D09 | 0 | 407 |
| SR10 | 90 | 2521 |
| D011 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR12 | 90 | 2521 |
| D013 | 0 | 407 |
| SR14 | 90 | 2521 |
| D015 | 0 | 407 |
| SR16 | 90 | 2521 |
| D017 | 0 | 407 |
| SR18 | 90 | 2521 |
| D019 | 0 | 357 |
| SL20 | 90 | 2527 |

W28 C90_37-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No

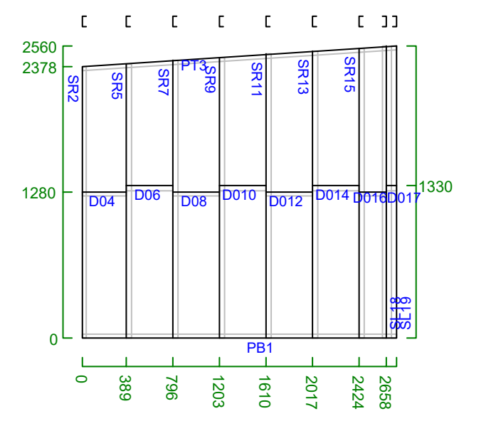


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1658 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 1658 |
| D04 | 0 | 89 |
| D05 | 0 | 89 |
| SR6 | 90 | 2980 |
| D07 | 0 | 300 |
| D08 | 0 | 300 |
| SR9 | 90 | 2980 |
| D010 | 0 | 407 |
| D011 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR12 | 90 | 2980 |
| D013 | 0 | 407 |
| D014 | 0 | 407 |
| SR15 | 90 | 2980 |
| D016 | 0 | 407 |
| D017 | 0 | 407 |
| SR18 | 90 | 2980 |
| D019 | 0 | 48 |
| D020 | 0 | 48 |
| SL21 | 90 | 2980 |

W44 C90_37-0.95BMT-G350
1 : 91
External Wall :No
Load Bearing :No

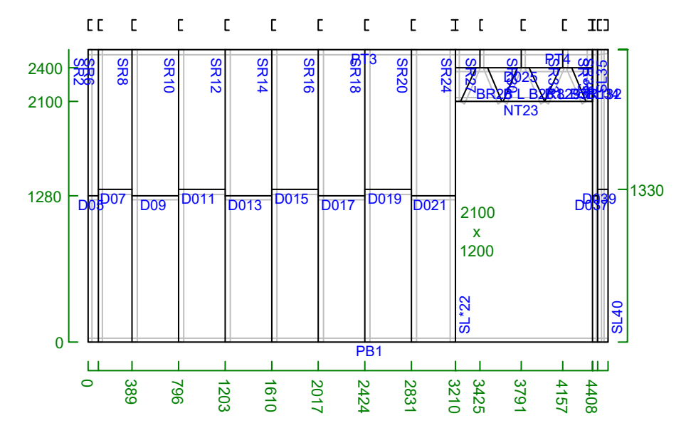


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 2747 |
| SR2 | 90 | 2378 |
| PT3 | 4 | 2753 |
| D04 | 0 | 389 |
| SR5 | 90 | 2404 |
| D06 | 0 | 407 |
| SR7 | 90 | 2431 |
| D08 | 0 | 407 |
| SR9 | 90 | 2458 |
| D010 | 0 | 407 |
| SR11 | 90 | 2485 |

| Item | Pitch | Length |
|---|---|---|
| D012 | 0 | 407 |
| SR13 | 90 | 2512 |
| D014 | 0 | 407 |
| SR15 | 90 | 2539 |
| D016 | 0 | 234 |
| D017 | 0 | 89 |
| SL18 | 90 | 2554 |
| SL19 | 90 | 2560 |

W45 C90_37-0.95BMT-G350
1 : 91
External Wall :No
Load Bearing :No



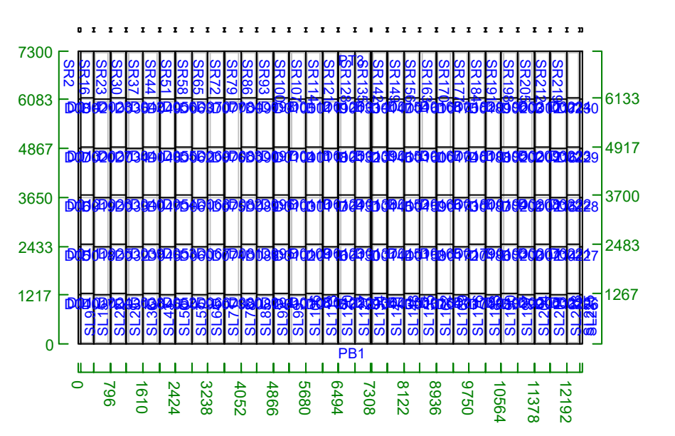
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4549 |
| SR2 | 90 | 2554 |
| PT3 | 0 | 4459 |
| PT4 | 4 | 90 |
| D05 | 0 | 89 |
| SR6 | 90 | 2554 |
| D07 | 0 | 300 |
| SR8 | 90 | 2554 |
| D09 | 0 | 407 |
| SR10 | 90 | 2554 |
| D011 | 0 | 407 |
| SR12 | 90 | 2554 |
| D013 | 0 | 407 |
| SR14 | 90 | 2554 |

| Item | Pitch | Length |
|---|---|---|
| D015 | 0 | 407 |
| SR16 | 90 | 2554 |
| D017 | 0 | 407 |
| SR18 | 90 | 2554 |
| D019 | 0 | 407 |
| SR20 | 90 | 2554 |
| D021 | 0 | 379 |
| SL*22 | 90 | 2554 |
| NT23 | 0 | 1200 |
| SR24 | 90 | 454 |
| D025 | 0 | 1196 |
| BR26 | 66 | 327 |
| SR27 | 90 | 154 |
| BL28 | 66 | 327 |

| Item | Pitch | Length |
|---|---|---|
| BR29 | 66 | 327 |
| SR30 | 90 | 154 |
| BL31 | 66 | 327 |
| BR32 | 66 | 327 |
| SR33 | 90 | 154 |
| BL34 | 66 | 327 |
| SL35 | 90 | 454 |
| SR*36 | 90 | 2554 |
| D037 | 0 | 49 |
| SR38 | 90 | 2554 |
| D039 | 0 | 90 |
| SL40 | 90 | 2560 |

W29 C140_46-0.95BMT-G350
1 : 258
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12568 |
| SR2 | 90 | 7300 |
| PT3 | 0 | 12568 |
| D04 | 0 | 49 |
| D05 | 0 | 49 |
| D06 | 0 | 49 |
| D07 | 0 | 49 |
| D08 | 0 | 49 |
| SL9 | 90 | 7300 |
| D010 | 0 | 340 |
| D011 | 0 | 340 |
| D012 | 0 | 340 |
| D013 | 0 | 340 |
| D014 | 0 | 340 |

| Item | Pitch | Length |
|---|---|---|
| SL15 | 90 | 7300 |
| SR16 | 90 | 7300 |
| D017 | 0 | 405 |
| D018 | 0 | 405 |
| D019 | 0 | 405 |
| D020 | 0 | 405 |
| D021 | 0 | 405 |
| SL22 | 90 | 7300 |
| SR23 | 90 | 7300 |
| D024 | 0 | 405 |
| D025 | 0 | 405 |
| D026 | 0 | 405 |
| D027 | 0 | 405 |
| D028 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| SL29 | 90 | 7300 |
| SR30 | 90 | 7300 |
| D031 | 0 | 405 |
| D032 | 0 | 405 |
| D033 | 0 | 405 |
| D034 | 0 | 405 |
| D035 | 0 | 405 |
| SL36 | 90 | 7300 |
| SR37 | 90 | 7300 |
| D038 | 0 | 405 |
| D039 | 0 | 405 |
| D040 | 0 | 405 |
| D041 | 0 | 405 |
| D042 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| SL43 | 90 | 7300 |
| SR44 | 90 | 7300 |
| D045 | 0 | 405 |
| D046 | 0 | 405 |
| D047 | 0 | 405 |
| D048 | 0 | 405 |
| D049 | 0 | 405 |
| SL50 | 90 | 7300 |
| SR51 | 90 | 7300 |
| D052 | 0 | 405 |
| D053 | 0 | 405 |
| D054 | 0 | 405 |
| D055 | 0 | 405 |
| D056 | 0 | 405 |

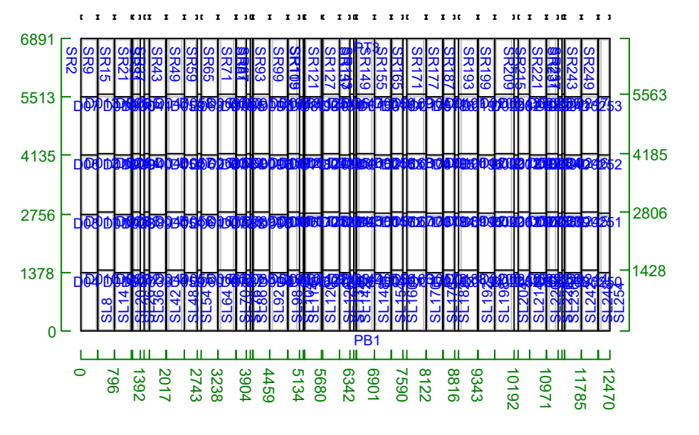
| Item | Pitch | Length |
|---|---|---|
| SL57 | 90 | 7300 |
| SR58 | 90 | 7300 |
| D059 | 0 | 405 |
| D060 | 0 | 405 |
| D061 | 0 | 405 |
| D062 | 0 | 405 |
| D063 | 0 | 405 |
| SL64 | 90 | 7300 |
| SR65 | 90 | 7300 |
| D066 | 0 | 405 |
| D067 | 0 | 405 |
| D068 | 0 | 405 |
| D069 | 0 | 405 |
| D070 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| SL71 | 90 | 7300 |
| SR72 | 90 | 7300 |
| D073 | 0 | 405 |
| D074 | 0 | 405 |
| D075 | 0 | 405 |
| D076 | 0 | 405 |
| D077 | 0 | 405 |
| SL78 | 90 | 7300 |
| SR79 | 90 | 7300 |
| D080 | 0 | 405 |
| D081 | 0 | 405 |
| D082 | 0 | 405 |
| D083 | 0 | 405 |
| D084 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| SL85 | 90 | 7300 |
| SR86 | 90 | 7300 |
| D087 | 0 | 405 |
| D088 | 0 | 405 |
| D089 | 0 | 405 |
| D090 | 0 | 405 |
| D091 | 0 | 405 |
| SL92 | 90 | 7300 |
| SR93 | 90 | 7300 |
| D094 | 0 | 405 |
| D095 | 0 | 405 |
| D096 | 0 | 405 |
| D097 | 0 | 405 |
| D098 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| SL99 | 90 | 7300 |
| SR100 | 90 | 7300 |
| D0101 | 0 | 405 |
| D0102 | 0 | 405 |
| D0103 | 0 | 405 |
| D0104 | 0 | 405 |
| D0105 | 0 | 405 |
| SL106 | 90 | 7300 |
| SR107 | 90 | 7300 |
| D0108 | 0 | 405 |
| D0109 | 0 | 405 |
| D0110 | 0 | 405 |
| D0111 | 0 | 405 |
| D0112 | 0 | 405 |

W31 C140_46-0.95BMT-G350
1 : 244
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12470 |
| SR2 | 90 | 6891 |
| PT3 | 0 | 12470 |
| D04 | 0 | 389 |
| D05 | 0 | 389 |
| D06 | 0 | 389 |
| D07 | 0 | 389 |
| SL8 | 90 | 6891 |
| SR9 | 90 | 6891 |
| D010 | 0 | 405 |
| D011 | 0 | 405 |
| D012 | 0 | 405 |
| D013 | 0 | 405 |
| SL14 | 90 | 6891 |

| Item | Pitch | Length |
|---|---|---|
| SR15 | 90 | 6891 |
| D016 | 0 | 405 |
| D017 | 0 | 405 |
| D018 | 0 | 405 |
| D019 | 0 | 405 |
| SL20 | 90 | 6891 |
| SR21 | 90 | 6891 |
| D022 | 0 | 187 |
| D023 | 0 | 187 |
| D024 | 0 | 187 |
| D025 | 0 | 187 |
| SR26 | 90 | 6891 |
| D027 | 0 | 90 |
| D028 | 0 | 90 |

| Item | Pitch | Length |
|---|---|---|
| D029 | 0 | 90 |
| D030 | 0 | 90 |
| SR31 | 90 | 6891 |
| D032 | 0 | 128 |
| D033 | 0 | 128 |
| D034 | 0 | 128 |
| D035 | 0 | 128 |
| SL36 | 90 | 6891 |
| SR37 | 90 | 6891 |
| D038 | 0 | 405 |
| D039 | 0 | 405 |
| D040 | 0 | 405 |
| D041 | 0 | 405 |
| SL42 | 90 | 6891 |

| Item | Pitch | Length |
|---|---|---|
| SR43 | 90 | 6891 |
| D044 | 0 | 405 |
| D045 | 0 | 405 |
| D046 | 0 | 405 |
| D047 | 0 | 405 |
| SL48 | 90 | 6891 |
| SR49 | 90 | 6891 |
| D050 | 0 | 317 |
| D051 | 0 | 317 |
| D052 | 0 | 317 |
| D053 | 0 | 317 |
| SL54 | 90 | 6891 |
| D055 | 0 | 90 |
| D056 | 0 | 90 |

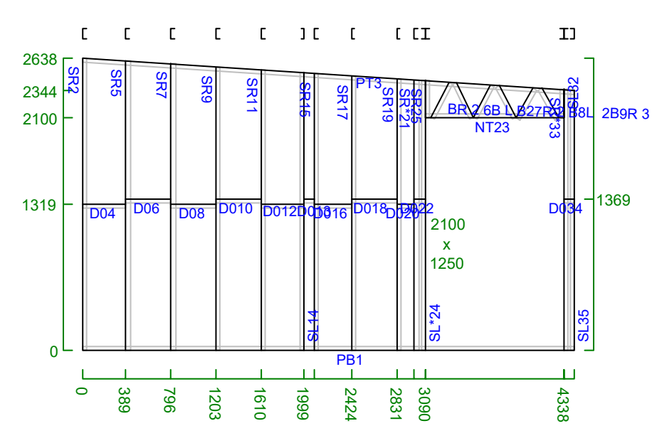
| Item | Pitch | Length |
|---|---|---|
| D057 | 0 | 90 |
| D058 | 0 | 90 |
| SR59 | 90 | 6891 |
| D060 | 0 | 405 |
| D061 | 0 | 405 |
| D062 | 0 | 405 |
| D063 | 0 | 405 |
| SL64 | 90 | 6891 |
| SR65 | 90 | 6891 |
| D066 | 0 | 405 |
| D067 | 0 | 405 |
| D068 | 0 | 405 |
| D069 | 0 | 405 |
| SL70 | 90 | 6891 |

| Item | Pitch | Length |
|---|---|---|
| SR71 | 90 | 6891 |
| D072 | 0 | 257 |
| D073 | 0 | 257 |
| D074 | 0 | 257 |
| D075 | 0 | 257 |
| SL76 | 90 | 6891 |
| D077 | 0 | 90 |
| D078 | 0 | 90 |
| D079 | 0 | 90 |
| D080 | 0 | 90 |
| SR81 | 90 | 6891 |
| D082 | 0 | 58 |
| D083 | 0 | 58 |
| D084 | 0 | 58 |

| Item | Pitch | Length |
|---|---|---|
| D085 | 0 | 58 |
| SL86 | 90 | 6891 |
| SR87 | 90 | 6891 |
| D088 | 0 | 405 |
| D089 | 0 | 405 |
| D090 | 0 | 405 |
| D091 | 0 | 405 |
| SL92 | 90 | 6891 |
| SR93 | 90 | 6891 |
| D094 | 0 | 405 |
| D095 | 0 | 405 |
| D096 | 0 | 405 |
| D097 | 0 | 405 |
| SL98 | 90 | 6891 |

| Item | Pitch | Length |
|---|---|---|
| SR99 | 90 | 6891 |
| D0100 | 0 | 266 |
| D0101 | 0 | 266 |
| D0102 | 0 | 266 |
| D0103 | 0 | 266 |
| SL104 | 90 | 6891 |
| D0105 | 0 | 90 |
| D0106 | 0 | 90 |
| D0107 | 0 | 90 |
| D0108 | 0 | 90 |
| SR109 | 90 | 6891 |
| D0110 | 0 | 49 |
| D0111 | 0 | 49 |
| D0112 | 0 | 49 |

W33 C90_37-0.95BMT-G350
1 : 93
External Wall :No
Load Bearing :No



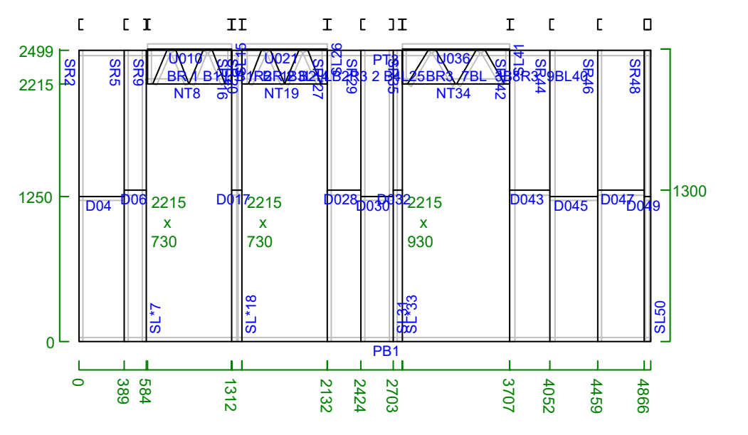
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4428 |
| SR2 | 90 | 2638 |
| PT3 | 4 | 4438 |
| D04 | 0 | 389 |
| SR5 | 90 | 2612 |
| D06 | 0 | 407 |
| SR7 | 90 | 2585 |
| D08 | 0 | 407 |
| SR9 | 90 | 2558 |
| D010 | 0 | 407 |
| SR11 | 90 | 2531 |
| D012 | 0 | 389 |
| D013 | 0 | 90 |
| SL14 | 90 | 2505 |

| Item | Pitch | Length |
|---|---|---|
| SR15 | 90 | 2499 |
| D016 | 0 | 335 |
| SR17 | 90 | 2477 |
| D018 | 0 | 407 |
| SR19 | 90 | 2450 |
| D020 | 0 | 159 |
| SR*21 | 90 | 2439 |
| D022 | 0 | 100 |
| NT23 | 0 | 1250 |
| SL*24 | 90 | 2433 |
| SR25 | 90 | 333 |
| BR26 | 64 | 354 |
| BL27 | 64 | 348 |
| BR28 | 62 | 331 |

| Item | Pitch | Length |
|---|---|---|
| BL29 | 62 | 326 |
| BR30 | 60 | 309 |
| BL31 | 60 | 303 |
| SL32 | 90 | 250 |
| SR*33 | 90 | 2350 |
| D034 | 0 | 88 |
| SL35 | 90 | 2344 |

W43 C90_37-0.95BMT-G350
1 : 89
External Wall :No
Load Bearing :No



**Items**

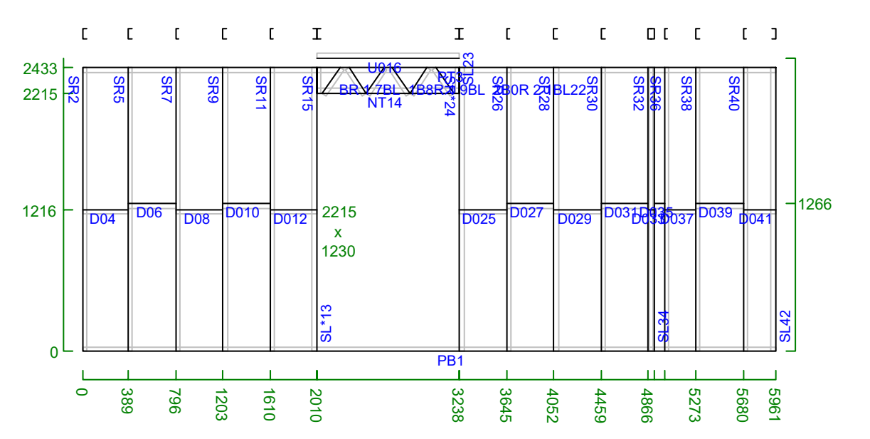
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4912 |
| SR2 | 90 | 2499 |
| PT3 | 0 | 4912 |
| D04 | 0 | 389 |
| SR5 | 90 | 2499 |
| D06 | 0 | 195 |
| SL*7 | 90 | 2499 |
| NT8 | 0 | 730 |
| SR9 | 90 | 284 |
| U010 | 0 | 726 |
| BR11 | 67 | 308 |
| BL12 | 67 | 308 |
| BR13 | 67 | 308 |
| BL14 | 67 | 308 |

| Item | Pitch | Length |
|---|---|---|
| SL15 | 90 | 284 |
| SR*16 | 90 | 2499 |
| D017 | 0 | 90 |
| SL*18 | 90 | 2499 |
| NT19 | 0 | 730 |
| SR20 | 90 | 284 |
| U021 | 0 | 726 |
| BR22 | 67 | 308 |
| BL23 | 67 | 308 |
| BR24 | 67 | 308 |
| BL25 | 67 | 308 |
| SL26 | 90 | 284 |
| SR*27 | 90 | 2499 |
| D028 | 0 | 290 |

| Item | Pitch | Length |
|---|---|---|
| SR29 | 90 | 2499 |
| D030 | 0 | 279 |
| SL31 | 90 | 2499 |
| D032 | 0 | 76 |
| SL*33 | 90 | 2499 |
| NT34 | 0 | 930 |
| SR35 | 90 | 284 |
| U036 | 0 | 926 |
| BR37 | 59 | 330 |
| BL38 | 59 | 330 |
| BR39 | 59 | 330 |
| BL40 | 59 | 330 |
| SL41 | 90 | 284 |
| SR*42 | 90 | 2499 |

| Item | Pitch | Length |
|---|---|---|
| D043 | 0 | 343 |
| SR44 | 90 | 2499 |
| D045 | 0 | 407 |
| SR46 | 90 | 2499 |
| D047 | 0 | 407 |
| SR48 | 90 | 2499 |
| D049 | 0 | 46 |
| SL50 | 90 | 2499 |

W41 C90_37-0.95BMT-G350
1 : 89
External Wall :No
Load Bearing :No



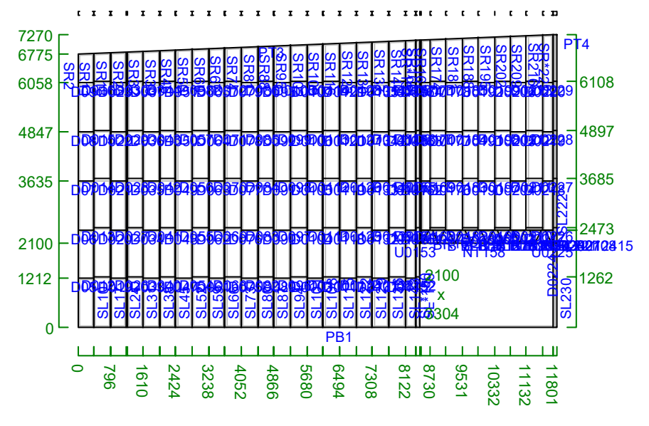
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 5961 |
| SR2 | 90 | 2433 |
| PT3 | 0 | 5961 |
| D04 | 0 | 389 |
| SR5 | 90 | 2433 |
| D06 | 0 | 407 |
| SR7 | 90 | 2433 |
| D08 | 0 | 407 |
| SR9 | 90 | 2433 |
| D010 | 0 | 407 |
| SR11 | 90 | 2433 |
| D012 | 0 | 400 |
| SL*13 | 90 | 2433 |
| NT14 | 0 | 1230 |

| Item | Pitch | Length |
|---|---|---|
| SR15 | 90 | 218 |
| U016 | 0 | 1226 |
| BR17 | 56 | 264 |
| BL18 | 56 | 264 |
| BR19 | 56 | 264 |
| BL20 | 56 | 264 |
| BR21 | 56 | 264 |
| BL22 | 56 | 264 |
| SL23 | 90 | 218 |
| SR*24 | 90 | 2433 |
| D025 | 0 | 405 |
| SR26 | 90 | 2433 |
| D027 | 0 | 407 |
| SR28 | 90 | 2433 |

| Item | Pitch | Length |
|---|---|---|
| D029 | 0 | 407 |
| SR30 | 90 | 2433 |
| D031 | 0 | 407 |
| SR32 | 90 | 2433 |
| D033 | 0 | 47 |
| SL34 | 90 | 2433 |
| D035 | 0 | 90 |
| SR36 | 90 | 2433 |
| D037 | 0 | 270 |
| SR38 | 90 | 2433 |
| D039 | 0 | 407 |
| SR40 | 90 | 2433 |
| D041 | 0 | 281 |
| SL42 | 90 | 2433 |

W30 C140_46-0.95BMT-G350
1 : 257
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 11894 |
| SR2 | 90 | 6775 |
| PT3 | 2 | 11814 |
| PT4 | 0 | 90 |
| D05 | 0 | 389 |
| D06 | 0 | 389 |
| D07 | 0 | 389 |
| D08 | 0 | 389 |
| D09 | 0 | 389 |
| SL10 | 90 | 6792 |

| Item | Pitch | Length |
|---|---|---|
| SR11 | 90 | 6792 |
| D012 | 0 | 405 |
| D013 | 0 | 405 |
| D014 | 0 | 405 |
| D015 | 0 | 405 |
| D016 | 0 | 405 |
| SL17 | 90 | 6809 |
| SR18 | 90 | 6809 |
| D019 | 0 | 405 |
| D020 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| D021 | 0 | 405 |
| D022 | 0 | 405 |
| D023 | 0 | 405 |
| SL24 | 90 | 6826 |
| SR25 | 90 | 6826 |
| D026 | 0 | 405 |
| D027 | 0 | 405 |
| D028 | 0 | 405 |
| D029 | 0 | 405 |
| D030 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| SL31 | 90 | 6843 |
| SR32 | 90 | 6843 |
| D033 | 0 | 405 |
| D034 | 0 | 405 |
| D035 | 0 | 405 |
| D036 | 0 | 405 |
| D037 | 0 | 405 |
| SL38 | 90 | 6860 |
| SR39 | 90 | 6860 |
| D040 | 0 | 405 |

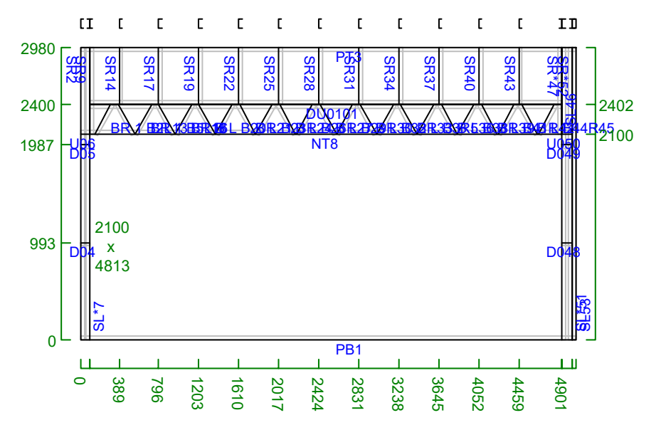
| Item | Pitch | Length |
|---|---|---|
| D041 | 0 | 405 |
| D042 | 0 | 405 |
| D043 | 0 | 405 |
| D044 | 0 | 405 |
| SL45 | 90 | 6877 |
| SR46 | 90 | 6877 |
| D047 | 0 | 405 |
| D048 | 0 | 405 |
| D049 | 0 | 405 |
| D050 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| D051 | 0 | 405 |
| SL52 | 90 | 6894 |
| SR53 | 90 | 6894 |
| D054 | 0 | 405 |
| D055 | 0 | 405 |
| D056 | 0 | 405 |
| D057 | 0 | 405 |
| D058 | 0 | 405 |
| SL59 | 90 | 6911 |
| SR60 | 90 | 6911 |

| Item | Pitch | Length |
|---|---|---|
| D061 | 0 | 405 |
| D062 | 0 | 405 |
| D063 | 0 | 405 |
| D064 | 0 | 405 |
| D065 | 0 | 405 |
| SL66 | 90 | 6928 |
| SR67 | 90 | 6928 |
| D068 | 0 | 405 |
| D069 | 0 | 405 |
| D070 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| D071 | 0 | 405 |
| D072 | 0 | 405 |
| SL73 | 90 | 6945 |
| SR74 | 90 | 6945 |
| D075 | 0 | 405 |
| D076 | 0 | 405 |
| D077 | 0 | 405 |
| D078 | 0 | 405 |
| D079 | 0 | 405 |
| SL80 | 90 | 6962 |

W32 C90_37-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 5042 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 5042 |
| D04 | 0 | 90 |
| D05 | 0 | 90 |
| U06 | 0 | 90 |
| SL*7 | 90 | 2980 |
| NT8 | 0 | 4813 |
| SR9 | 90 | 880 |
| D010 | 0 | 4809 |
| U011 | 0 | 4809 |

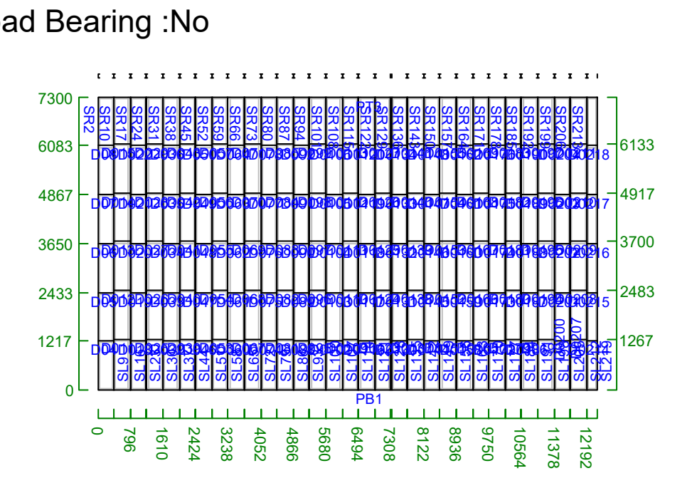
| Item | Pitch | Length |
|---|---|---|
| BR12 | 61 | 343 |
| BL13 | 61 | 343 |
| SR14 | 90 | 578 |
| BR15 | 61 | 343 |
| BL16 | 61 | 343 |
| SR17 | 90 | 578 |
| BR18 | 61 | 343 |
| SR19 | 90 | 578 |
| BL20 | 61 | 343 |
| BR21 | 61 | 343 |
| SR22 | 90 | 578 |

| Item | Pitch | Length |
|---|---|---|
| BL23 | 61 | 343 |
| BR24 | 61 | 343 |
| SR25 | 90 | 578 |
| BL26 | 61 | 343 |
| BR27 | 61 | 343 |
| SR28 | 90 | 578 |
| BL29 | 61 | 343 |
| BR30 | 61 | 343 |
| SR31 | 90 | 578 |
| BL32 | 61 | 343 |
| BR33 | 61 | 343 |

| Item | Pitch | Length |
|---|---|---|
| SR34 | 90 | 578 |
| BL35 | 61 | 343 |
| BR36 | 61 | 343 |
| SR37 | 90 | 578 |
| BL38 | 61 | 343 |
| BR39 | 61 | 343 |
| SR40 | 90 | 578 |
| BL41 | 61 | 343 |
| BR42 | 61 | 343 |
| SR43 | 90 | 578 |
| BL44 | 61 | 343 |

| Item | Pitch | Length |
|---|---|---|
| BR45 | 61 | 343 |
| SL46 | 90 | 880 |
| SR*47 | 90 | 2980 |
| D048 | 0 | 100 |
| D049 | 0 | 100 |
| U050 | 0 | 100 |
| SL*51 | 90 | 2980 |
| SR*52 | 90 | 2980 |
| SL53 | 90 | 2980 |

W34 C140_46-0.95BMT-G350
1 : 258
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12470 |
| SR2 | 90 | 7300 |
| PT3 | 0 | 12470 |
| D04 | 0 | 389 |
| D05 | 0 | 389 |
| D06 | 0 | 389 |
| D07 | 0 | 389 |
| D08 | 0 | 389 |
| SL9 | 90 | 7300 |
| SR10 | 90 | 7300 |
| D011 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| D012 | 0 | 405 |
| D013 | 0 | 405 |
| D014 | 0 | 405 |
| D015 | 0 | 405 |
| SL16 | 90 | 7300 |
| SR17 | 90 | 7300 |
| D018 | 0 | 405 |
| D019 | 0 | 405 |
| D020 | 0 | 405 |
| D021 | 0 | 405 |
| D022 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| SL23 | 90 | 7300 |
| SR24 | 90 | 7300 |
| D025 | 0 | 405 |
| D026 | 0 | 405 |
| D027 | 0 | 405 |
| D028 | 0 | 405 |
| D029 | 0 | 405 |
| SL30 | 90 | 7300 |
| SR31 | 90 | 7300 |
| D032 | 0 | 405 |
| D033 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| D034 | 0 | 405 |
| D035 | 0 | 405 |
| D036 | 0 | 405 |
| SL37 | 90 | 7300 |
| SR38 | 90 | 7300 |
| D039 | 0 | 405 |
| D040 | 0 | 405 |
| D041 | 0 | 405 |
| D042 | 0 | 405 |
| D043 | 0 | 405 |
| SL44 | 90 | 7300 |

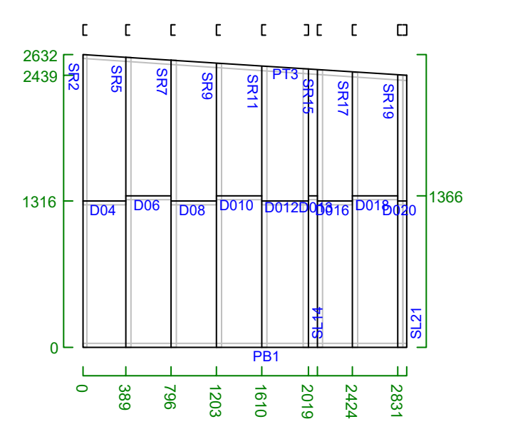
| Item | Pitch | Length |
|---|---|---|
| SR45 | 90 | 7300 |
| D046 | 0 | 405 |
| D047 | 0 | 405 |
| D048 | 0 | 405 |
| D049 | 0 | 405 |
| D050 | 0 | 405 |
| SL51 | 90 | 7300 |
| SR52 | 90 | 7300 |
| D053 | 0 | 405 |
| D054 | 0 | 405 |
| D055 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| D056 | 0 | 405 |
| D057 | 0 | 405 |
| SL58 | 90 | 7300 |
| SR59 | 90 | 7300 |
| D060 | 0 | 405 |
| D061 | 0 | 405 |
| D062 | 0 | 405 |
| D063 | 0 | 405 |
| D064 | 0 | 405 |
| SL65 | 90 | 7300 |
| SR66 | 90 | 7300 |

| Item | Pitch | Length |
|---|---|---|
| D067 | 0 | 405 |
| D068 | 0 | 405 |
| D069 | 0 | 405 |
| D070 | 0 | 405 |
| D071 | 0 | 405 |
| SL72 | 90 | 7300 |
| SR73 | 90 | 7300 |
| D074 | 0 | 405 |
| D075 | 0 | 405 |
| D076 | 0 | 405 |
| D077 | 0 | 405 |

| Item | Pitch | Length |
|---|---|---|
| D078 | 0 | 405 |
| SL79 | 90 | 7300 |
| SR80 | 90 | 7300 |
| D081 | 0 | 405 |
| D082 | 0 | 405 |
| D083 | 0 | 405 |
| D084 | 0 | 405 |
| D085 | 0 | 405 |
| SL86 | 90 | 7300 |
| SR87 | 90 | 7300 |
| D088 | 0 | 405 |

W42 C90_37-0.95BMT-G350
1 : 93
External Wall :No
Load Bearing :No

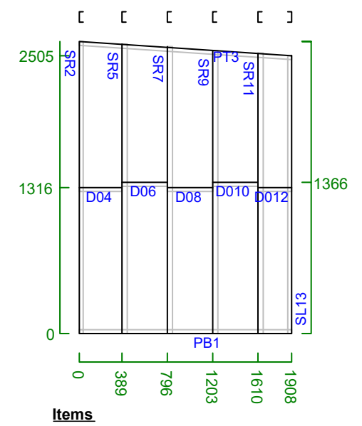


**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 2908 |
| SR2 | 90 | 2632 |
| PT3 | 4 | 2914 |
| D04 | 0 | 389 |
| SR5 | 90 | 2606 |
| D06 | 0 | 407 |
| SR7 | 90 | 2579 |
| D08 | 0 | 407 |
| SR9 | 90 | 2552 |
| D010 | 0 | 407 |
| SR11 | 90 | 2525 |

| Item | Pitch | Length |
|---|---|---|
| D012 | 0 | 409 |
| D013 | 0 | 90 |
| SL14 | 90 | 2498 |
| SR15 | 90 | 2492 |
| D016 | 0 | 315 |
| SR17 | 90 | 2471 |
| D018 | 0 | 407 |
| SR19 | 90 | 2444 |
| D020 | 0 | 77 |
| SL21 | 90 | 2439 |

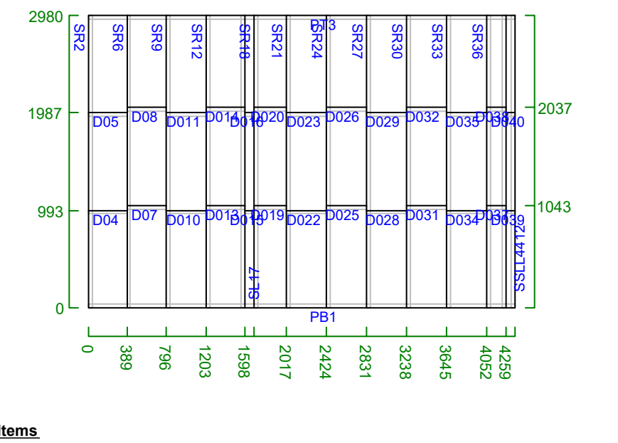
W47 C90_37-0.95BMT-G350
1 : 93
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1908 |
| SR2 | 90 | 2632 |
| PT3 | 4 | 1912 |
| D04 | 0 | 389 |
| SR5 | 90 | 2606 |
| D06 | 0 | 407 |
| SR7 | 90 | 2579 |
| D08 | 0 | 407 |
| SR9 | 90 | 2552 |
| D010 | 0 | 407 |
| SR11 | 90 | 2525 |
| D012 | 0 | 298 |
| SL13 | 90 | 2505 |

W48 C90_37-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No



**Items**

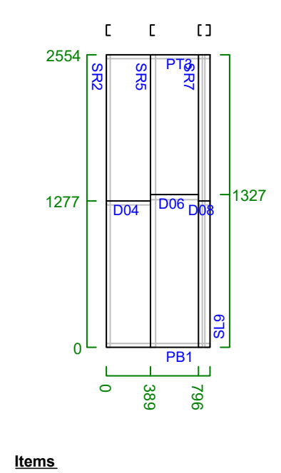
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4348 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 4348 |
| D04 | 0 | 389 |
| D05 | 0 | 389 |
| SR6 | 90 | 2980 |
| D07 | 0 | 407 |
| D08 | 0 | 407 |
| SR9 | 90 | 2980 |
| D010 | 0 | 407 |
| D011 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR12 | 90 | 2980 |
| D013 | 0 | 395 |
| D014 | 0 | 395 |
| D015 | 0 | 90 |
| D016 | 0 | 90 |
| SL17 | 90 | 2980 |
| SR18 | 90 | 2980 |
| D019 | 0 | 329 |
| D020 | 0 | 329 |
| SR21 | 90 | 2980 |
| D022 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| D023 | 0 | 407 |
| SR24 | 90 | 2980 |
| D025 | 0 | 407 |
| D026 | 0 | 407 |
| SR27 | 90 | 2980 |
| D028 | 0 | 407 |
| D029 | 0 | 407 |
| SR30 | 90 | 2980 |
| D031 | 0 | 407 |
| D032 | 0 | 407 |
| SR33 | 90 | 2980 |

| Item | Pitch | Length |
|---|---|---|
| D034 | 0 | 407 |
| D035 | 0 | 407 |
| SR36 | 90 | 2980 |
| D037 | 0 | 207 |
| D038 | 0 | 207 |
| D039 | 0 | 89 |
| D040 | 0 | 89 |
| SL41 | 90 | 2980 |
| SL42 | 90 | 2980 |

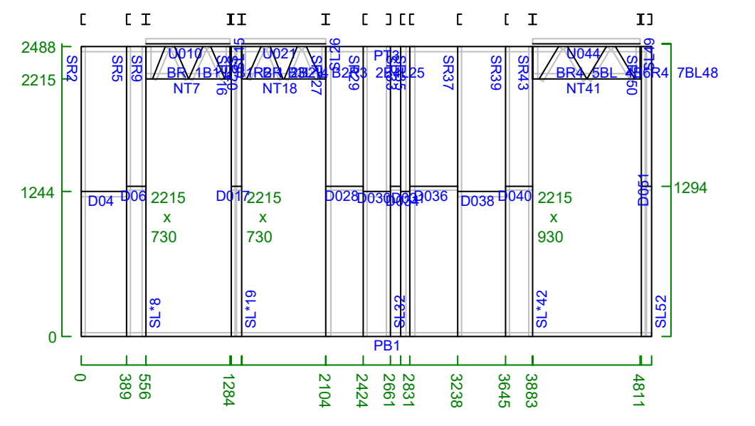
W49 C90_37-0.95BMT-G350
1 : 90
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 899 |
| SR2 | 90 | 2554 |
| PT3 | 0 | 899 |
| D04 | 0 | 389 |
| SR5 | 90 | 2554 |
| D06 | 0 | 407 |
| SR7 | 90 | 2554 |
| D08 | 0 | 103 |
| SL9 | 90 | 2554 |

W50 C90_37-0.95BMT-G350
1 : 89
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4902 |
| SR2 | 90 | 2488 |
| PT3 | 0 | 4902 |
| D04 | 0 | 389 |
| SR5 | 90 | 2488 |
| D06 | 0 | 167 |
| NT7 | 0 | 730 |
| SL*8 | 90 | 2488 |
| SR9 | 90 | 273 |
| U010 | 0 | 726 |
| BR11 | 67 | 297 |

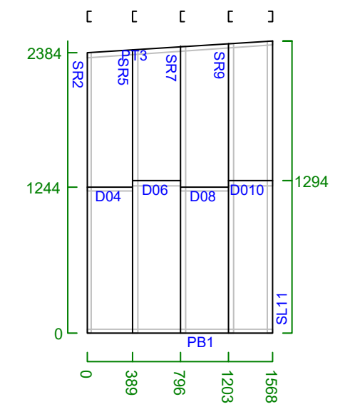
| Item | Pitch | Length |
|---|---|---|
| BL12 | 67 | 297 |
| BR13 | 67 | 297 |
| BL14 | 67 | 297 |
| SL15 | 90 | 273 |
| SR*16 | 90 | 2488 |
| D017 | 0 | 90 |
| NT18 | 0 | 730 |
| SL*19 | 90 | 2488 |
| SR20 | 90 | 273 |
| U021 | 0 | 726 |
| BR22 | 67 | 297 |

| Item | Pitch | Length |
|---|---|---|
| BL23 | 67 | 297 |
| BR24 | 67 | 297 |
| BL25 | 67 | 297 |
| SL26 | 90 | 273 |
| SR*27 | 90 | 2488 |
| D028 | 0 | 318 |
| SR29 | 90 | 2488 |
| D030 | 0 | 237 |
| D031 | 0 | 90 |
| SL32 | 90 | 2488 |
| SR33 | 90 | 2488 |

| Item | Pitch | Length |
|---|---|---|
| D034 | 0 | 80 |
| SR35 | 90 | 2488 |
| D036 | 0 | 407 |
| SR37 | 90 | 2488 |
| D038 | 0 | 407 |
| SR39 | 90 | 2488 |
| D040 | 0 | 238 |
| NT41 | 0 | 930 |
| SL*42 | 90 | 2488 |
| SR43 | 90 | 273 |
| U044 | 0 | 926 |

| Item | Pitch | Length |
|---|---|---|
| BR45 | 58 | 320 |
| BL46 | 58 | 320 |
| BR47 | 58 | 320 |
| BL48 | 58 | 320 |
| SL49 | 90 | 273 |
| SR*50 | 90 | 2488 |
| D051 | 0 | 89 |
| SL52 | 90 | 2488 |

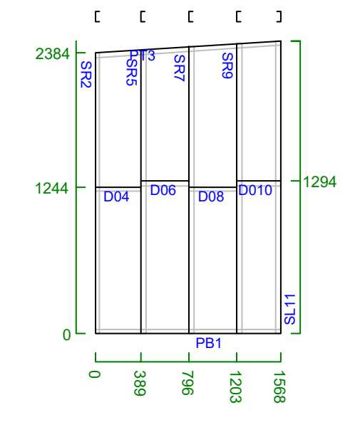
W51 C90_37-0.95BMT-G350
1 : 88
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1568 |
| SR2 | 90 | 2384 |
| PT3 | 4 | 1571 |
| D04 | 0 | 389 |
| SR5 | 90 | 2410 |
| D06 | 0 | 407 |
| SR7 | 90 | 2437 |
| D08 | 0 | 407 |
| SR9 | 90 | 2464 |
| D010 | 0 | 365 |
| SL11 | 90 | 2488 |

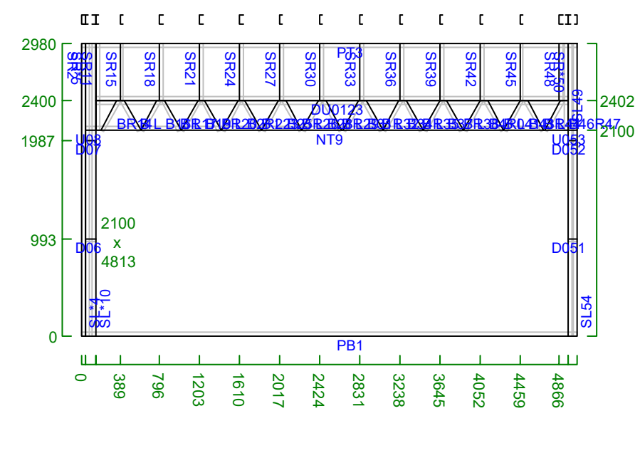
W52 C90_37-0.95BMT-G350
1 : 88
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1568 |
| SR2 | 90 | 2384 |
| PT3 | 4 | 1571 |
| D04 | 0 | 389 |
| SR5 | 90 | 2410 |
| D06 | 0 | 407 |
| SR7 | 90 | 2437 |
| D08 | 0 | 407 |
| SR9 | 90 | 2464 |
| D010 | 0 | 365 |
| SL11 | 90 | 2488 |

W53 C90_37-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No



**Items**

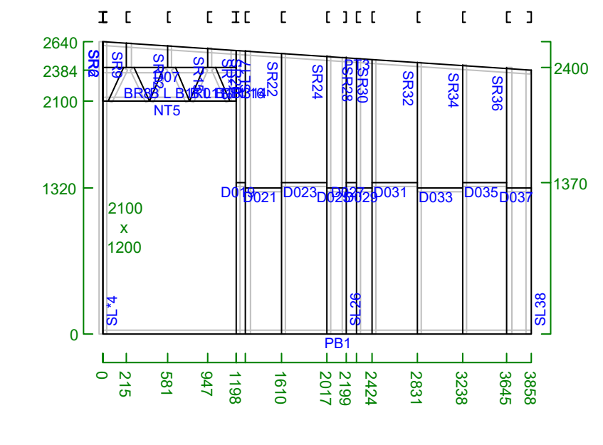
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 5042 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 5042 |
| SL*4 | 90 | 2980 |
| SR*5 | 90 | 2980 |
| D06 | 0 | 100 |
| D07 | 0 | 100 |
| U08 | 0 | 100 |
| NT9 | 0 | 4813 |
| SL*10 | 90 | 2980 |
| SR11 | 90 | 880 |
| D012 | 0 | 4809 |
| U013 | 0 | 4809 |
| BR14 | 61 | 343 |

| Item | Pitch | Length |
|---|---|---|
| SR15 | 90 | 578 |
| BL16 | 61 | 343 |
| BR17 | 61 | 343 |
| SR18 | 90 | 578 |
| BL19 | 61 | 343 |
| BR20 | 61 | 343 |
| SR21 | 90 | 578 |
| BL22 | 61 | 343 |
| BR23 | 61 | 343 |
| SR24 | 90 | 578 |
| BL25 | 61 | 343 |
| BR26 | 61 | 343 |
| SR27 | 90 | 578 |
| BL28 | 61 | 343 |

| Item | Pitch | Length |
|---|---|---|
| BR29 | 61 | 343 |
| SR30 | 90 | 578 |
| BL31 | 61 | 343 |
| BR32 | 61 | 343 |
| SR33 | 90 | 578 |
| BL34 | 61 | 343 |
| BR35 | 61 | 343 |
| SR36 | 90 | 578 |
| BL37 | 61 | 343 |
| BR38 | 61 | 343 |
| SR39 | 90 | 578 |
| BL40 | 61 | 343 |
| BR41 | 61 | 343 |
| SR42 | 90 | 578 |

| Item | Pitch | Length |
|---|---|---|
| BL43 | 61 | 343 |
| BR44 | 61 | 343 |
| SR45 | 90 | 578 |
| BL46 | 61 | 343 |
| BR47 | 61 | 343 |
| SR48 | 90 | 578 |
| SL49 | 90 | 880 |
| SR*50 | 90 | 2980 |
| D051 | 0 | 89 |
| D052 | 0 | 89 |
| U053 | 0 | 89 |
| SL54 | 90 | 2980 |

W54 C90_37-0.95BMT-G350
1 : 93
External Wall :No
Load Bearing :No



**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 3858 |
| SR2 | 90 | 2640 |
| PT3 | 4 | 3867 |
| SL*4 | 90 | 2640 |
| NT5 | 0 | 1200 |
| SR6 | 90 | 540 |
| D07 | 0 | 1196 |
| BR8 | 66 | 327 |
| SR9 | 90 | 226 |
| BL10 | 66 | 327 |
| BR11 | 66 | 327 |

| Item | Pitch | Length |
|---|---|---|
| SR12 | 90 | 201 |
| BL13 | 66 | 327 |
| BR14 | 66 | 327 |
| SR15 | 90 | 177 |
| BL16 | 66 | 327 |
| SL17 | 90 | 460 |
| SR*18 | 90 | 2560 |
| D019 | 0 | 89 |
| SR20 | 90 | 2554 |
| D021 | 0 | 321 |
| SR22 | 90 | 2533 |

| Item | Pitch | Length |
|---|---|---|
| D023 | 0 | 407 |
| SR24 | 90 | 2506 |
| D025 | 0 | 182 |
| SL26 | 90 | 2494 |
| D027 | 0 | 90 |
| SR28 | 90 | 2488 |
| D029 | 0 | 135 |
| SR30 | 90 | 2479 |
| D031 | 0 | 407 |
| SR32 | 90 | 2452 |
| D033 | 0 | 407 |

| Item | Pitch | Length |
|---|---|---|
| SR34 | 90 | 2425 |
| D035 | 0 | 407 |
| SR36 | 90 | 2398 |
| D037 | 0 | 213 |
| SL38 | 90 | 2384 |

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

CONVERGE

**CONVERGE CONSTRUCTORES S.A.S**

LIENZO
ingeniería

OBRA:

**CEDI HOSPITAL YOLOMBO**

CONTIENE:
DESPIECE MUROS 11

DISEÑO:
ING. CESAR CORDOBA

DIBUJO:
JORDAN RENTERIA GOMEZ

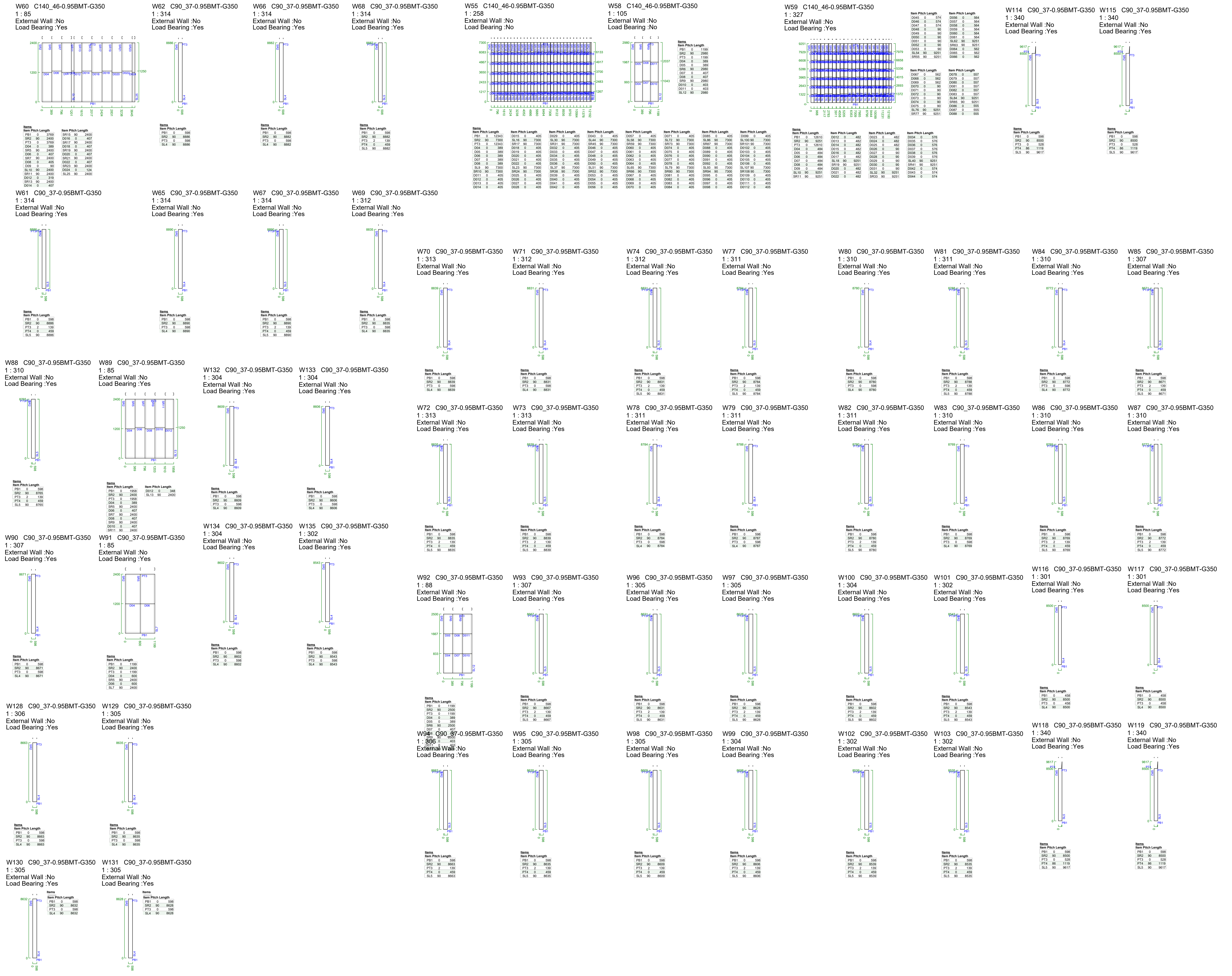
FIRMA:
ING. CESAR COROBA
MATRICULA: 011037-0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
PLANO N°: 411
ARCHIVO: EST-CEDI YOLOMBO


W60 C140_46-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes

W62 C90_37-0.95BMT-G350
1 : 314
External Wall :No
Load Bearing :Yes

W66 C90_37-0.95BMT-G350
1 : 314
External Wall :No
Load Bearing :Yes

W68 C90_37-0.95BMT-G350
1 : 314
External Wall :No
Load Bearing :Yes

W55 C140_46-0.95BMT-G350
1 : 258
External Wall :No
Load Bearing :No

W58 C140_46-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No

W59 C140_46-0.95BMT-G350
1 : 327
External Wall :No
Load Bearing :Yes

W114 C90_37-0.95BMT-G350
1 : 340
External Wall :No
Load Bearing :Yes

W115 C90_37-0.95BMT-G350
1 : 340
External Wall :No
Load Bearing :Yes

W61 C90_37-0.95BMT-G350
1 : 314
External Wall :No
Load Bearing :Yes

W65 C90_37-0.95BMT-G350
1 : 314
External Wall :No
Load Bearing :Yes

W67 C90_37-0.95BMT-G350
1 : 314
External Wall :No
Load Bearing :Yes

W69 C90_37-0.95BMT-G350
1 : 312
External Wall :No
Load Bearing :Yes

W70 C90_37-0.95BMT-G350
1 : 313
External Wall :No
Load Bearing :Yes

W71 C90_37-0.95BMT-G350
1 : 312
External Wall :No
Load Bearing :Yes

W74 C90_37-0.95BMT-G350
1 : 312
External Wall :No
Load Bearing :Yes

W77 C90_37-0.95BMT-G350
1 : 311
External Wall :No
Load Bearing :Yes

W80 C90_37-0.95BMT-G350
1 : 310
External Wall :No
Load Bearing :Yes

W81 C90_37-0.95BMT-G350
1 : 311
External Wall :No
Load Bearing :Yes

W84 C90_37-0.95BMT-G350
1 : 310
External Wall :No
Load Bearing :Yes

W85 C90_37-0.95BMT-G350
1 : 307
External Wall :No
Load Bearing :Yes

W88 C90_37-0.95BMT-G350
1 : 310
External Wall :No
Load Bearing :Yes

W89 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes

W132 C90_37-0.95BMT-G350
1 : 304
External Wall :No
Load Bearing :Yes

W133 C90_37-0.95BMT-G350
1 : 304
External Wall :No
Load Bearing :Yes

W72 C90_37-0.95BMT-G350
1 : 313
External Wall :No
Load Bearing :Yes

W73 C90_37-0.95BMT-G350
1 : 313
External Wall :No
Load Bearing :Yes

W78 C90_37-0.95BMT-G350
1 : 311
External Wall :No
Load Bearing :Yes

W79 C90_37-0.95BMT-G350
1 : 311
External Wall :No
Load Bearing :Yes

W82 C90_37-0.95BMT-G350
1 : 311
External Wall :No
Load Bearing :Yes

W83 C90_37-0.95BMT-G350
1 : 310
External Wall :No
Load Bearing :Yes

W86 C90_37-0.95BMT-G350
1 : 310
External Wall :No
Load Bearing :Yes

W87 C90_37-0.95BMT-G350
1 : 310
External Wall :No
Load Bearing :Yes

W90 C90_37-0.95BMT-G350
1 : 307
External Wall :No
Load Bearing :Yes

W91 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes

W134 C90_37-0.95BMT-G350
1 : 304
External Wall :No
Load Bearing :Yes

W135 C90_37-0.95BMT-G350
1 : 302
External Wall :No
Load Bearing :Yes

W116 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes

W117 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes

W92 C90_37-0.95BMT-G350
1 : 88
External Wall :No
Load Bearing :Yes

W93 C90_37-0.95BMT-G350
1 : 307
External Wall :No
Load Bearing :Yes

W96 C90_37-0.95BMT-G350
1 : 305
External Wall :No
Load Bearing :Yes

W97 C90_37-0.95BMT-G350
1 : 305
External Wall :No
Load Bearing :Yes

W100 C90_37-0.95BMT-G350
1 : 304
External Wall :No
Load Bearing :Yes

W101 C90_37-0.95BMT-G350
1 : 302
External Wall :No
Load Bearing :Yes

W128 C90_37-0.95BMT-G350
1 : 306
External Wall :No
Load Bearing :Yes

W129 C90_37-0.95BMT-G350
1 : 305
External Wall :No
Load Bearing :Yes

W118 C90_37-0.95BMT-G350
1 : 340
External Wall :No
Load Bearing :Yes

W119 C90_37-0.95BMT-G350
1 : 340
External Wall :No
Load Bearing :Yes

W94 C90_37-0.95BMT-G350
1 : 306
External Wall :No
Load Bearing :Yes

W95 C90_37-0.95BMT-G350
1 : 305
External Wall :No
Load Bearing :Yes

W98 C90_37-0.95BMT-G350
1 : 305
External Wall :No
Load Bearing :Yes

W99 C90_37-0.95BMT-G350
1 : 304
External Wall :No
Load Bearing :Yes

W102 C90_37-0.95BMT-G350
1 : 302
External Wall :No
Load Bearing :Yes

W103 C90_37-0.95BMT-G350
1 : 302
External Wall :No
Load Bearing :Yes

W130 C90_37-0.95BMT-G350
1 : 305
External Wall :No
Load Bearing :Yes

W131 C90_37-0.95BMT-G350
1 : 305
External Wall :No
Load Bearing :Yes

**ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ**

PROPIETARIO:

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

**HOSPITAL SAN RAFAEL**
**MUNICIPIO DE YOLOMBO**

CONSULTOR:

**CONVERGE CONSTRUCTORES S.A.S**

OBRA:

**CEDI HOSPITAL YOLOMBO**

CONTIENE:
DESPIECE MUROS 12

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037-0612583 ANT

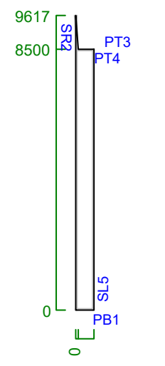
FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |
| | | |
| | | |
| | | |
| | | |

FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
PLANO N°: 412
ARCHIVO: EST-CEDI YOLOMBO

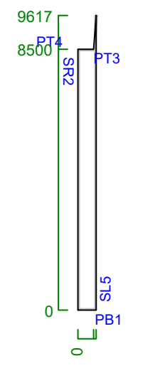
W108 C90_37-0.95BMT-G350
1 : 340
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 9617 |
| PT3 | 86 | 1119 |
| PT4 | 0 | 528 |
| SL5 | 90 | 8500 |

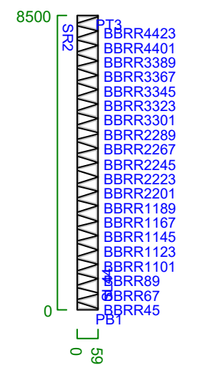
W110 C90_37-0.95BMT-G350
1 : 340
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 528 |
| PT4 | 86 | 1119 |
| SL5 | 90 | 9617 |

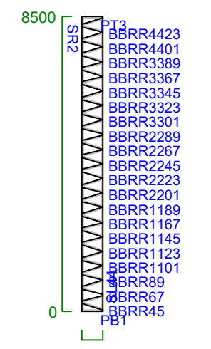
W112 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

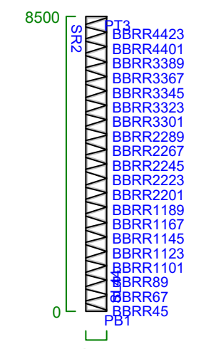
W120 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

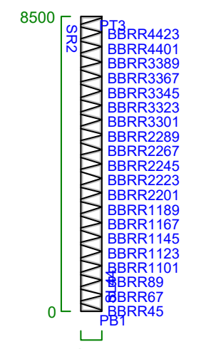
W122 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

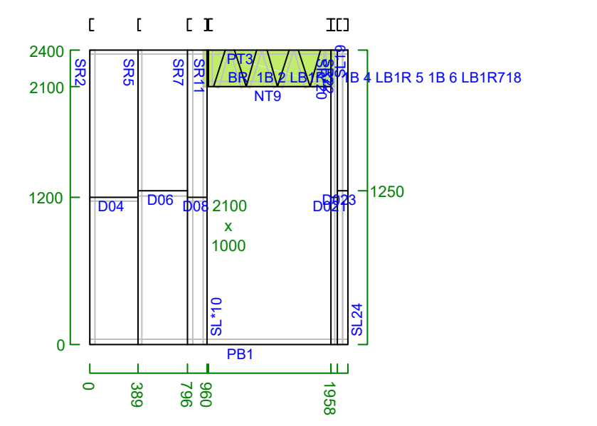
W124 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

W144 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



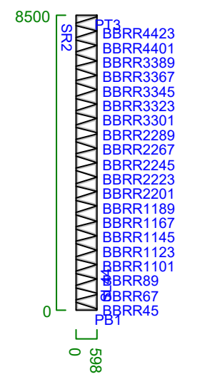
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 2098 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 2098 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 164 |
| NT9 | 0 | 1000 |
| SL*10 | 90 | 2400 |
| SR11 | 90 | 300 |
| BR12 | 73 | 313 |
| BL13 | 73 | 313 |
| BR14 | 73 | 313 |
| BL15 | 73 | 313 |
| BR16 | 73 | 313 |
| BL17 | 73 | 313 |
| BR18 | 73 | 313 |
| SL19 | 90 | 300 |
| SR*20 | 90 | 2400 |
| D021 | 0 | 57 |
| SR22 | 90 | 2400 |
| D023 | 0 | 81 |
| SL24 | 90 | 2400 |
| 25 | 0 | 1076 |
| 26 | 0 | 1076 |

Bracing

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 922 - 1998 | 2100 - 2400 | 1076 | Far | | 300 | | |
| Plate | 922 - 1998 | 2100 - 2400 | 1076 | Near | | 300 | | |

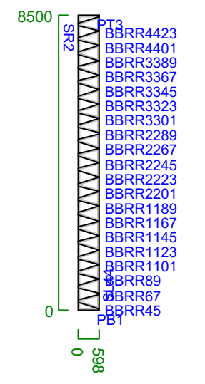
W109 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

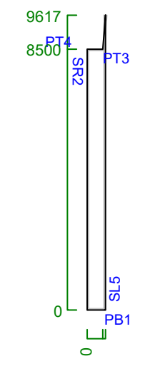
W111 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

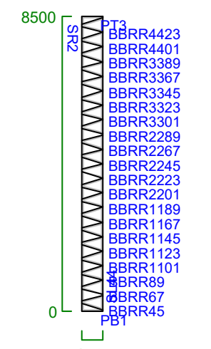
W113 C90_37-0.95BMT-G350
1 : 340
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 528 |
| PT4 | 86 | 1119 |
| SL5 | 90 | 9617 |

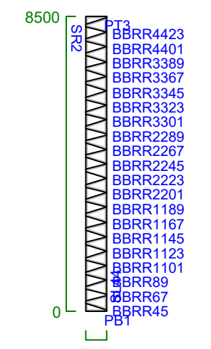
W121 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

W123 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes



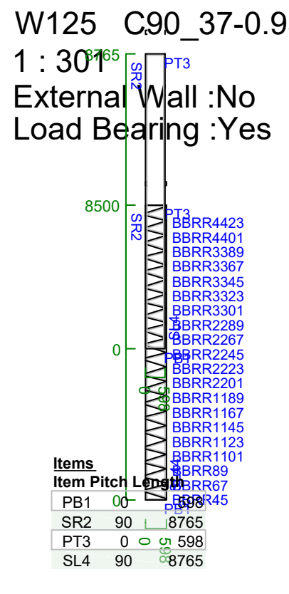
Items

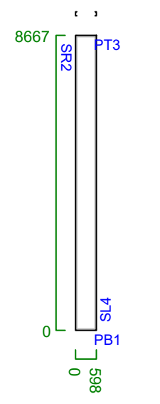
| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

W126 C90_37-0.95BMT-G350
1 : 310
External Wall :No
Load Bearing :Yes

W127 C90_37-0.95BMT-G350
1 : 306
External Wall :No
Load Bearing :Yes

W125 C90_37-0.95BMT-G350
1 : 301
External Wall :No
Load Bearing :Yes





Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8765 |
| PT3 | 0 | 598 |
| SL4 | 90 | 8765 |

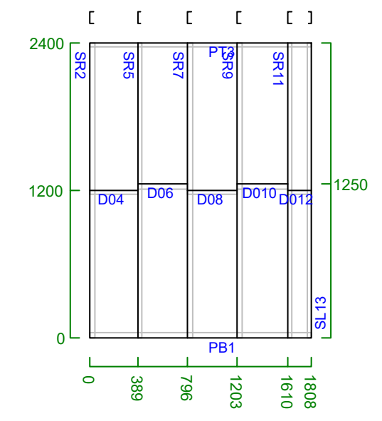
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8667 |
| PT3 | 0 | 598 |
| SL4 | 90 | 8667 |

Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 598 |
| SR2 | 90 | 8500 |
| PT3 | 0 | 598 |
| BR4 | 16 | 622 |
| BR5 | 16 | 622 |
| BR6 | 16 | 622 |
| BR7 | 16 | 622 |
| BR8 | 16 | 622 |
| BR9 | 16 | 622 |
| BR10 | 16 | 622 |
| BR11 | 16 | 622 |
| BR12 | 16 | 622 |
| BR13 | 16 | 622 |
| BR14 | 16 | 622 |
| BR15 | 16 | 622 |
| BR16 | 16 | 622 |
| BR17 | 16 | 622 |
| BR18 | 16 | 622 |
| BR19 | 16 | 622 |
| BR20 | 16 | 622 |
| BR21 | 16 | 622 |
| BR22 | 16 | 622 |
| BR23 | 16 | 622 |
| BR24 | 16 | 622 |
| BR25 | 16 | 622 |
| BR26 | 16 | 622 |
| BR27 | 16 | 622 |
| BR28 | 16 | 622 |
| BR29 | 16 | 622 |
| BR30 | 16 | 622 |
| BR31 | 16 | 622 |
| BR32 | 16 | 622 |
| BR33 | 16 | 622 |
| BR34 | 16 | 622 |
| BR35 | 16 | 622 |
| BR36 | 16 | 622 |
| BR37 | 16 | 622 |
| BR38 | 16 | 622 |
| BR39 | 16 | 622 |
| BR40 | 16 | 622 |
| BR41 | 16 | 622 |
| BR42 | 16 | 622 |
| BR43 | 16 | 622 |
| SL44 | 90 | 8500 |

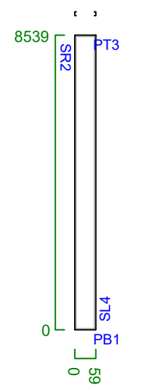
W145 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



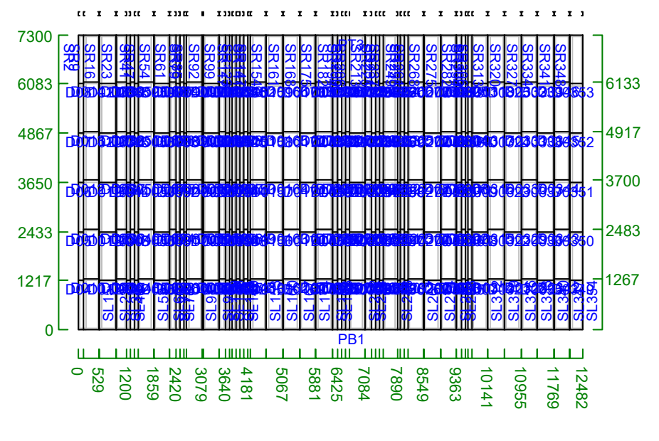
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1808 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1808 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 198 |
| SL13 | 90 | 2400 |

W136 C90_37-0.95BMT-G350
1 : 302
External Wall :No
Load Bearing :Yes



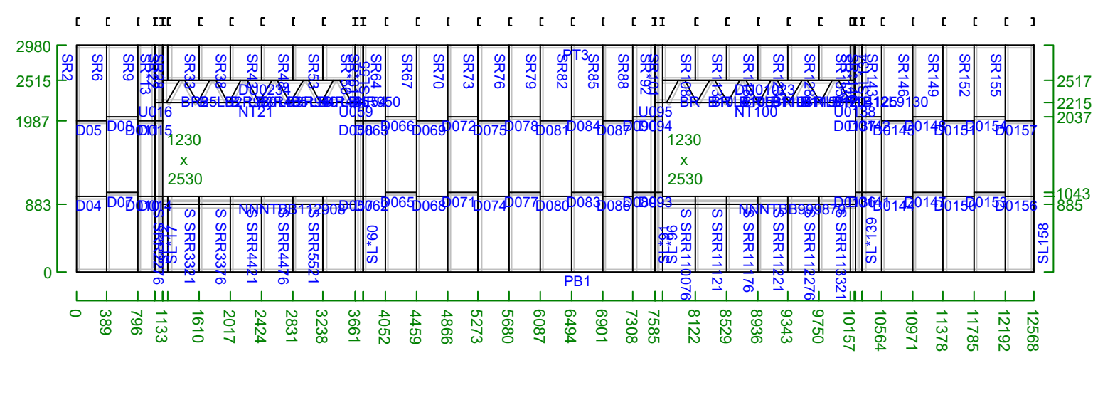
W138 C140_46-0.95BMT-G350
1 : 258
External Wall :No
Load Bearing :No



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12482 |
| SR2 | 90 | 7300 |
| PT3 | 0 | 12482 |
| D04 | 0 | 140 |
| D05 | 0 | 140 |
| D06 | 0 | 140 |
| D07 | 0 | 140 |
| D08 | 0 | 140 |
| SR9 | 90 | 7300 |
| D010 | 0 | 389 |
| D011 | 0 | 389 |
| D012 | 0 | 389 |
| D013 | 0 | 389 |
| D014 | 0 | 389 |
| SL15 | 90 | 7300 |
| SR16 | 90 | 7300 |
| D017 | 0 | 405 |
| D018 | 0 | 405 |
| D019 | 0 | 405 |
| D020 | 0 | 405 |
| D021 | 0 | 405 |
| SL22 | 90 | 7300 |
| SR23 | 90 | 7300 |
| D024 | 0 | 262 |
| D025 | 0 | 262 |
| D026 | 0 | 262 |
| D027 | 0 | 262 |
| D028 | 0 | 262 |
| D029 | 0 | 90 |
| D030 | 0 | 90 |
| D031 | 0 | 90 |
| D032 | 0 | 90 |
| D033 | 0 | 90 |
| SL34 | 90 | 7300 |
| D035 | 0 | 90 |
| D036 | 0 | 90 |
| D037 | 0 | 90 |
| D038 | 0 | 90 |
| D039 | 0 | 90 |
| SL40 | 90 | 7300 |
| SR41 | 90 | 7300 |
| D042 | 0 | 90 |
| D043 | 0 | 90 |
| D044 | 0 | 90 |
| D045 | 0 | 90 |
| D046 | 0 | 90 |
| SR47 | 90 | 7300 |
| D048 | 0 | 389 |
| D049 | 0 | 389 |
| D050 | 0 | 389 |
| D051 | 0 | 389 |
| D052 | 0 | 389 |
| SL53 | 90 | 7300 |
| SR54 | 90 | 7300 |
| D055 | 0 | 405 |
| D056 | 0 | 405 |
| D057 | 0 | 405 |
| D058 | 0 | 405 |
| D059 | 0 | 405 |
| SL60 | 90 | 7300 |
| SR61 | 90 | 7300 |
| D062 | 0 | 152 |
| D063 | 0 | 152 |
| D064 | 0 | 152 |
| D065 | 0 | 152 |
| D066 | 0 | 152 |
| D067 | 0 | 90 |
| D068 | 0 | 90 |
| D069 | 0 | 90 |
| D070 | 0 | 90 |
| D071 | 0 | 90 |
| SL72 | 90 | 7300 |
| D073 | 0 | 90 |
| D074 | 0 | 90 |
| D075 | 0 | 90 |
| D076 | 0 | 90 |
| D077 | 0 | 90 |
| SL78 | 90 | 7300 |
| SR79 | 90 | 7300 |
| D080 | 0 | 90 |
| D081 | 0 | 90 |
| D082 | 0 | 90 |
| D083 | 0 | 90 |
| D084 | 0 | 90 |
| SR85 | 90 | 7300 |
| D086 | 0 | 389 |
| D087 | 0 | 389 |
| D088 | 0 | 389 |
| D089 | 0 | 389 |
| D090 | 0 | 389 |
| SL91 | 90 | 7300 |
| SR92 | 90 | 7300 |
| D093 | 0 | 405 |
| D094 | 0 | 405 |
| D095 | 0 | 405 |
| D096 | 0 | 405 |
| D097 | 0 | 405 |
| SL98 | 90 | 7300 |
| SR99 | 90 | 7300 |
| D0100 | 0 | 152 |
| D0101 | 0 | 152 |
| D0102 | 0 | 152 |
| D0103 | 0 | 152 |
| D0104 | 0 | 152 |
| D0105 | 0 | 90 |
| D0106 | 0 | 90 |
| D0107 | 0 | 90 |
| D0108 | 0 | 90 |
| D0109 | 0 | 90 |
| SL110 | 90 | 7300 |
| D0111 | 0 | 90 |
| D0112 | 0 | 90 |

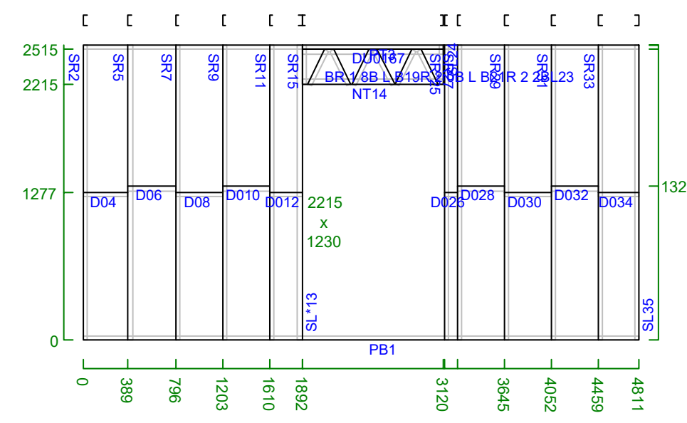
W140 C90_37-0.95BMT-G350
1 : 137
External Wall :No
Load Bearing :No



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12568 |
| SR2 | 90 | 2980 |
| PT3 | 0 | 12568 |
| D04 | 0 | 389 |
| D05 | 0 | 389 |
| SR6 | 90 | 2980 |
| D07 | 0 | 407 |
| D08 | 0 | 407 |
| SR9 | 90 | 2980 |
| D010 | 0 | 235 |
| D011 | 0 | 235 |
| SL*12 | 90 | 2980 |
| SR*13 | 90 | 2980 |
| D014 | 0 | 100 |
| D015 | 0 | 100 |
| U016 | 0 | 100 |
| SL*17 | 90 | 2980 |
| NB18 | 0 | 2530 |
| NT19 | 0 | 2530 |
| NB20 | 0 | 2530 |
| NT21 | 0 | 2530 |
| SR22 | 90 | 765 |
| D023 | 0 | 2526 |
| U024 | 0 | 2526 |
| BR25 | 61 | 341 |
| SR26 | 90 | 883 |
| SR27 | 90 | 100 |
| SR28 | 90 | 463 |
| BL29 | 61 | 341 |
| BR30 | 61 | 341 |
| SR31 | 90 | 883 |
| SR32 | 90 | 100 |
| SR33 | 90 | 463 |
| BL34 | 61 | 341 |
| BR35 | 61 | 341 |
| SR36 | 90 | 883 |
| SR37 | 90 | 100 |
| SR38 | 90 | 463 |
| BL39 | 61 | 341 |
| BR40 | 61 | 341 |
| SR41 | 90 | 883 |
| SR42 | 90 | 100 |
| SR43 | 90 | 463 |
| BL44 | 61 | 341 |
| BR45 | 61 | 341 |
| SR46 | 90 | 883 |
| SR47 | 90 | 100 |
| SR48 | 90 | 463 |
| BL49 | 61 | 341 |
| BR50 | 61 | 341 |
| SR51 | 90 | 883 |
| SR52 | 90 | 100 |
| SR53 | 90 | 463 |
| BL54 | 61 | 341 |
| SL55 | 90 | 765 |
| SR*56 | 90 | 2980 |
| D057 | 0 | 100 |
| D058 | 0 | 100 |
| U059 | 0 | 100 |
| SL*60 | 90 | 2980 |
| SR*61 | 90 | 2980 |
| D062 | 0 | 287 |
| D063 | 0 | 287 |
| SR64 | 90 | 2980 |
| D065 | 0 | 407 |
| D066 | 0 | 407 |
| SR67 | 90 | 2980 |
| D068 | 0 | 407 |
| D069 | 0 | 407 |
| SR70 | 90 | 2980 |
| D071 | 0 | 407 |
| D072 | 0 | 407 |
| SR73 | 90 | 2980 |
| D074 | 0 | 407 |
| D075 | 0 | 407 |
| SR76 | 90 | 2980 |
| D077 | 0 | 407 |
| D078 | 0 | 407 |
| SR79 | 90 | 2980 |
| D080 | 0 | 407 |
| D081 | 0 | 407 |
| SR82 | 90 | 2980 |
| D083 | 0 | 407 |
| D084 | 0 | 407 |
| SR85 | 90 | 2980 |
| D086 | 0 | 407 |
| D087 | 0 | 407 |
| SR88 | 90 | 2980 |
| D089 | 0 | 277 |
| D090 | 0 | 277 |
| SL*91 | 90 | 2980 |
| SR*92 | 90 | 2980 |
| D093 | 0 | 100 |
| D094 | 0 | 100 |
| U095 | 0 | 100 |
| SL*96 | 90 | 2980 |
| NB97 | 0 | 2530 |
| NT98 | 0 | 2530 |
| NB99 | 0 | 2530 |
| NT100 | 0 | 2530 |
| SR101 | 90 | 765 |
| D0102 | 0 | 2526 |
| U0103 | 0 | 2526 |
| BR104 | 61 | 341 |
| BL105 | 61 | 341 |
| SR106 | 90 | 883 |
| SR107 | 90 | 100 |
| SR108 | 90 | 463 |
| BR109 | 61 | 341 |
| BL110 | 61 | 341 |
| SR111 | 90 | 883 |
| SR112 | 90 | 100 |
| SR113 | 90 | 463 |
| BR114 | 61 | 341 |
| BL115 | 61 | 341 |
| SR116 | 90 | 883 |
| SR117 | 90 | 100 |
| SR118 | 90 | 463 |
| BR119 | 61 | 341 |
| BL120 | 61 | 341 |
| SR121 | 90 | 883 |
| SR122 | 90 | 100 |
| SR123 | 90 | 463 |
| BR124 | 61 | 341 |
| BL125 | 61 | 341 |
| SR126 | 90 | 883 |
| SR127 | 90 | 100 |
| SR128 | 90 | 463 |
| BR129 | 61 | 341 |
| BL130 | 61 | 341 |
| SR131 | 90 | 883 |
| SR132 | 90 | 100 |
| SR133 | 90 | 463 |
| SL134 | 90 | 765 |
| SR*135 | 90 | 2980 |
| D0136 | 0 | 100 |

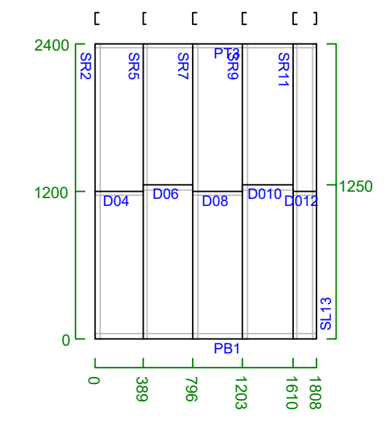
W142 C90_37-0.95BMT-G350
1 : 90
External Wall :No
Load Bearing :No



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4811 |
| SR2 | 90 | 2554 |
| PT3 | 0 | 4811 |
| D04 | 0 | 389 |
| SR5 | 90 | 2554 |
| D06 | 0 | 407 |
| SR7 | 90 | 2554 |
| D08 | 0 | 407 |
| SR9 | 90 | 2554 |
| D010 | 0 | 407 |
| SR11 | 90 | 2554 |
| D012 | 0 | 282 |
| SL*13 | 90 | 2554 |
| NT14 | 0 | 1230 |
| SR15 | 90 | 339 |
| D016 | 0 | 1226 |
| U017 | 0 | 1226 |
| BR18 | 64 | 335 |
| BL19 | 64 | 335 |
| BR20 | 64 | 335 |
| BL21 | 64 | 335 |
| BR22 | 64 | 335 |
| BL23 | 64 | 335 |
| SL24 | 90 | 339 |
| SR*25 | 90 | 2554 |
| D026 | 0 | 116 |
| SR27 | 90 | 2554 |
| D028 | 0 | 407 |
| SR29 | 90 | 2554 |
| D030 | 0 | 407 |
| SR31 | 90 | 2554 |
| D032 | 0 | 407 |
| SR33 | 90 | 2554 |
| D034 | 0 | 352 |
| SL35 | 90 | 2554 |

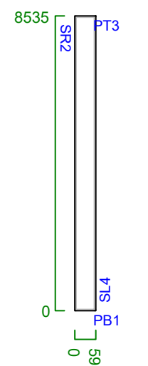
W146 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



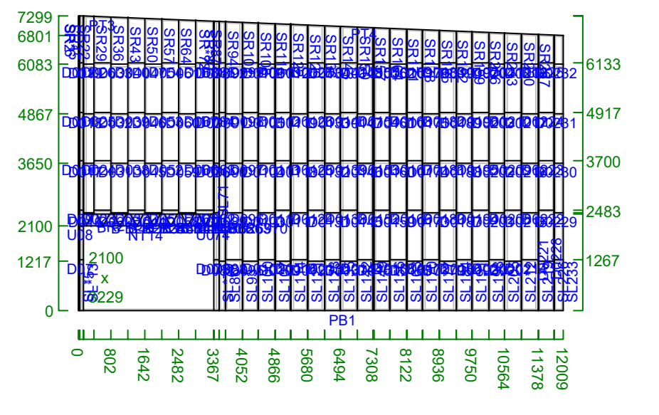
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1808 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1808 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 198 |
| SL13 | 90 | 2400 |

W137 C90_37-0.95BMT-G350
1 : 302
External Wall :No
Load Bearing :Yes



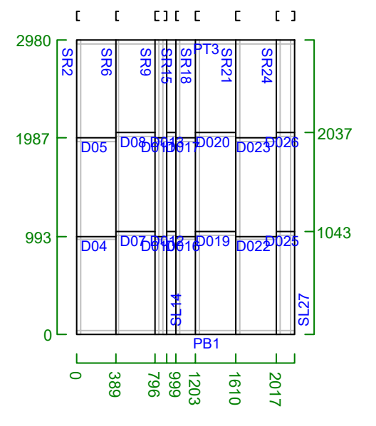
W139 C140_46-0.95BMT-G350
1 : 258
External Wall :No
Load Bearing :No



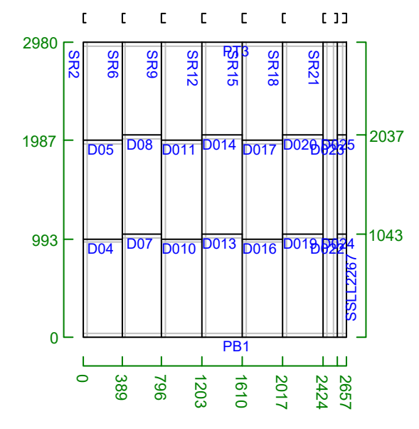
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12009 |
| SR2 | 90 | 7299 |
| PT3 | 1 | 115 |
| PT4 | 2 | 11904 |
| SL*5 | 90 | 7299 |
| SR*6 | 90 | 7299 |
| D07 | 0 | 100 |
| U08 | 0 | 100 |
| D09 | 0 | 100 |
| D010 | 0 | 100 |
| D011 | 0 | 100 |
| D012 | 0 | 100 |
| SL*13 | 90 | 7299 |
| NT14 | 0 | 3229 |
| SR15 | 90 | 5199 |
| D016 | 0 | 240 |
| D017 | 0 | 240 |
| D018 | 0 | 240 |
| D019 | 0 | 240 |
| D020 | 0 | 3225 |
| BR21 | 62 | 339 |
| SR22 | 90 | 4889 |
| D023 | 0 | 420 |
| D024 | 0 | 420 |
| D025 | 0 | 420 |
| D026 | 0 | 420 |
| BL27 | 62 | 339 |
| BR28 | 62 | 339 |
| SR29 | 90 | 4871 |
| D030 | 0 | 420 |
| D031 | 0 | 420 |
| D032 | 0 | 420 |
| D033 | 0 | 420 |
| BL34 | 62 | 339 |
| BR35 | 62 | 339 |
| SR36 | 90 | 4854 |
| D037 | 0 | 420 |
| D038 | 0 | 420 |
| D039 | 0 | 420 |
| D040 | 0 | 420 |
| BL41 | 62 | 339 |
| BR42 | 62 | 339 |
| SR43 | 90 | 4836 |
| D044 | 0 | 420 |
| D045 | 0 | 420 |
| D046 | 0 | 420 |
| D047 | 0 | 420 |
| BL48 | 62 | 339 |
| BR49 | 62 | 339 |
| SR50 | 90 | 4818 |
| D051 | 0 | 420 |
| D052 | 0 | 420 |
| D053 | 0 | 420 |
| D054 | 0 | 420 |
| BL55 | 62 | 339 |
| BR56 | 62 | 339 |
| SR57 | 90 | 4801 |
| D058 | 0 | 420 |
| D059 | 0 | 420 |
| D060 | 0 | 420 |
| D061 | 0 | 420 |
| BL62 | 62 | 339 |
| BR63 | 62 | 339 |
| SR64 | 90 | 4783 |
| D065 | 0 | 465 |
| D066 | 0 | 465 |
| D067 | 0 | 465 |
| D068 | 0 | 465 |
| BL69 | 62 | 339 |
| BR70 | 62 | 339 |
| SL71 | 90 | 5064 |
| SR*72 | 90 | 7164 |
| D073 | 0 | 100 |
| U074 | 0 | 100 |
| D075 | 0 | 100 |
| D076 | 0 | 100 |
| D077 | 0 | 100 |
| D078 | 0 | 100 |
| SL*79 | 90 | 7159 |
| SR*80 | 90 | 7159 |
| D081 | 0 | 174 |
| D082 | 0 | 174 |
| D083 | 0 | 174 |
| D084 | 0 | 174 |
| D085 | 0 | 174 |
| SL86 | 90 | 7152 |
| SR87 | 90 | 7152 |
| D088 | 0 | 405 |

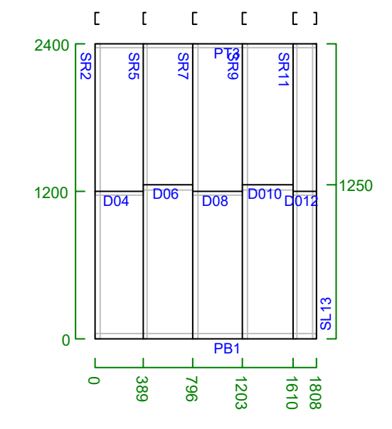
W141 C90_37-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No



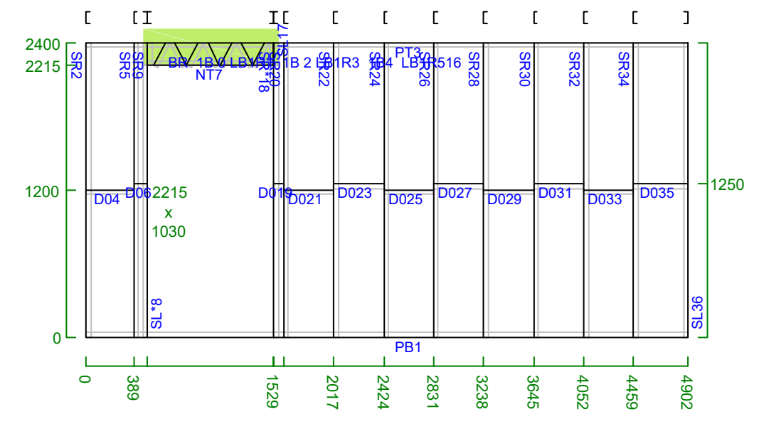
W143 C140_46-0.95BMT-G350
1 : 105
External Wall :No
Load Bearing :No



W147 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



W148 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



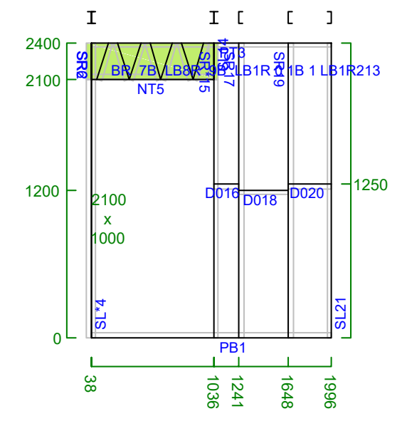
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4902 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 4902 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 112 |
| NT7 | 0 | 1030 |
| SL*8 | 90 | 2400 |
| SR9 | 90 | 185 |
| BR10 | 63 | 208 |
| BL11 | 63 | 208 |
| BR12 | 63 | 208 |
| BL13 | 63 | 208 |
| BR14 | 63 | 208 |
| BL15 | 63 | 208 |
| BR16 | 63 | 208 |
| SL17 | 90 | 185 |
| SR*18 | 90 | 2400 |
| D019 | 0 | 79 |
| SR20 | 90 | 2400 |
| D021 | 0 | 407 |
| SR22 | 90 | 2400 |
| D023 | 0 | 407 |
| SR24 | 90 | 2400 |
| D025 | 0 | 407 |
| SR26 | 90 | 2400 |
| D027 | 0 | 407 |
| SR28 | 90 | 2400 |
| D029 | 0 | 407 |
| SR30 | 90 | 2400 |
| D031 | 0 | 407 |
| SR32 | 90 | 2400 |
| D033 | 0 | 407 |
| SR34 | 90 | 2400 |
| D035 | 0 | 443 |
| SL36 | 90 | 2400 |
| 37 | 0 | 1106 |
| 38 | 0 | 1106 |

Bracing

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 463 - 1569 | 2215 - 2515 | 1106 | Far | | 300 | | |
| Plate | 463 - 1569 | 2215 - 2515 | 1106 | Near | | 300 | | |

W149 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes



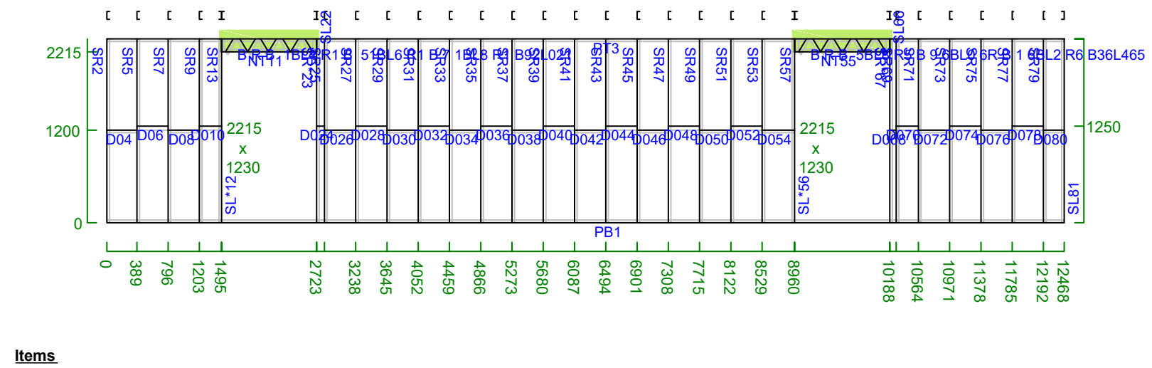
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1958 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1958 |
| SL*4 | 90 | 2400 |
| NT5 | 0 | 1000 |
| SR6 | 90 | 300 |
| BR7 | 73 | 313 |
| BL8 | 73 | 313 |
| BR9 | 73 | 313 |
| BL10 | 73 | 313 |
| BR11 | 73 | 313 |
| BL12 | 73 | 313 |
| BR13 | 73 | 313 |
| SL14 | 90 | 300 |
| SR*15 | 90 | 2400 |
| D016 | 0 | 203 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 348 |
| SL21 | 90 | 2400 |
| 22 | 0 | 1076 |
| 23 | 0 | 1076 |

Bracing

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 38 - 1038 | 2100 - 2400 | 1076 | Far | | 300 | | |
| Plate | 38 - 1038 | 2100 - 2400 | 1076 | Near | | 300 | | |

W150 C140_46-0.95BMT-G350
1 : 136
External Wall :No
Load Bearing :Yes



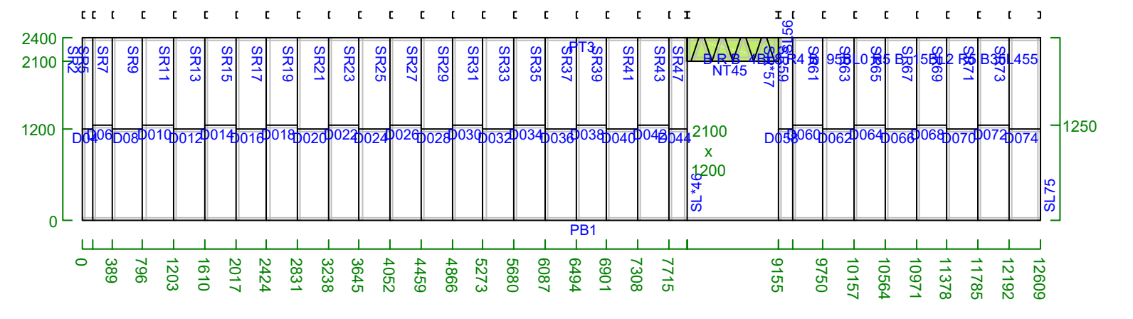
Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12468 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 12468 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 292 |
| NT11 | 0 | 1230 |
| SL*12 | 90 | 2400 |
| SR13 | 90 | 185 |
| BR14 | 61 | 211 |
| BL15 | 61 | 211 |
| BR16 | 61 | 211 |
| BL17 | 61 | 211 |
| BR18 | 61 | 211 |
| BL19 | 61 | 211 |
| BR20 | 61 | 211 |
| BL21 | 61 | 211 |
| SL22 | 90 | 185 |
| SR*23 | 90 | 2400 |
| D024 | 0 | 106 |
| SR25 | 90 | 2400 |
| D026 | 0 | 407 |
| SR27 | 90 | 2400 |
| D028 | 0 | 407 |
| SR29 | 90 | 2400 |
| D030 | 0 | 407 |
| SR31 | 90 | 2400 |
| D032 | 0 | 407 |
| SR33 | 90 | 2400 |
| D034 | 0 | 407 |
| SR35 | 90 | 2400 |
| D036 | 0 | 407 |
| SR37 | 90 | 2400 |
| D038 | 0 | 407 |
| SR39 | 90 | 2400 |
| D040 | 0 | 407 |
| SR41 | 90 | 2400 |
| D042 | 0 | 407 |
| SR43 | 90 | 2400 |
| D044 | 0 | 407 |
| SR45 | 90 | 2400 |
| D046 | 0 | 407 |
| SR47 | 90 | 2400 |
| D048 | 0 | 407 |
| SR49 | 90 | 2400 |
| D050 | 0 | 407 |
| SR51 | 90 | 2400 |
| D052 | 0 | 407 |
| SR53 | 90 | 2400 |
| D054 | 0 | 431 |
| NT55 | 0 | 1230 |
| SL*56 | 90 | 2400 |
| SR57 | 90 | 185 |
| BR58 | 61 | 211 |
| BL59 | 61 | 211 |
| BR60 | 61 | 211 |
| BL61 | 61 | 211 |
| BR62 | 61 | 211 |
| BL63 | 61 | 211 |
| BR64 | 61 | 211 |
| BL65 | 61 | 211 |
| SL66 | 90 | 185 |
| SR*67 | 90 | 2400 |
| D068 | 0 | 89 |
| SR69 | 90 | 2400 |
| D070 | 0 | 285 |
| SR71 | 90 | 2400 |
| D072 | 0 | 407 |
| SR73 | 90 | 2400 |
| D074 | 0 | 407 |
| SR75 | 90 | 2400 |
| D076 | 0 | 407 |
| SR77 | 90 | 2400 |
| D078 | 0 | 407 |
| SR79 | 90 | 2400 |
| D080 | 0 | 276 |
| SL81 | 90 | 2400 |
| 82 | 0 | 1306 |
| 83 | 0 | 1306 |
| 84 | 0 | 1306 |
| 85 | 0 | 1306 |

Bracing

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 1457 - 2763 | 2215 - 2515 | 1306 | Near | | 300 | | |
| Plate | 1457 - 2763 | 2215 - 2515 | 1306 | Far | | 300 | | |
| Plate | 8922 - 10228 | 2215 - 2515 | 1306 | Near | | 300 | | |
| Plate | 8922 - 10228 | 2215 - 2515 | 1306 | Far | | 300 | | |

W151 C140_46-0.95BMT-G350
1 : 137
External Wall :No
Load Bearing :Yes



Items

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12609 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 12609 |
| D04 | 0 | 140 |
| SR5 | 90 | 2400 |
| D06 | 0 | 249 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 407 |
| SR25 | 90 | 2400 |
| D026 | 0 | 407 |
| SR27 | 90 | 2400 |
| D028 | 0 | 407 |
| SR29 | 90 | 2400 |
| D030 | 0 | 407 |
| SR31 | 90 | 2400 |
| D032 | 0 | 407 |
| SR33 | 90 | 2400 |
| D034 | 0 | 407 |
| SR35 | 90 | 2400 |
| D036 | 0 | 407 |
| SR37 | 90 | 2400 |
| D038 | 0 | 407 |
| SR39 | 90 | 2400 |
| D040 | 0 | 407 |
| SR41 | 90 | 2400 |
| D042 | 0 | 407 |
| SR43 | 90 | 2400 |
| D044 | 0 | 242 |
| NT45 | 0 | 1200 |
| SL*46 | 90 | 2400 |
| SR47 | 90 | 300 |
| BR48 | 72 | 316 |
| BL49 | 72 | 316 |
| BR50 | 72 | 316 |
| BL51 | 72 | 316 |
| BR52 | 72 | 316 |
| BL53 | 72 | 316 |
| BR54 | 72 | 316 |
| BL55 | 72 | 316 |
| SL56 | 90 | 300 |
| SR*57 | 90 | 2400 |
| D058 | 0 | 186 |
| SR59 | 90 | 2400 |
| D060 | 0 | 407 |
| SR61 | 90 | 2400 |
| D062 | 0 | 407 |
| SR63 | 90 | 2400 |
| D064 | 0 | 407 |
| SR65 | 90 | 2400 |
| D066 | 0 | 407 |
| SR67 | 90 | 2400 |
| D068 | 0 | 407 |
| SR69 | 90 | 2400 |
| D070 | 0 | 407 |
| SR71 | 90 | 2400 |
| D072 | 0 | 407 |
| SR73 | 90 | 2400 |
| D074 | 0 | 417 |
| SL75 | 90 | 2400 |
| 76 | 0 | 1276 |
| 77 | 0 | 1276 |

Bracing

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 7919 - 9195 | 2100 - 2400 | 1276 | Far | | 300 | | |
| Plate | 7919 - 9195 | 2100 - 2400 | 1276 | Near | | 300 | | |

ESTUDIOS Y DISEÑOS PARA LA
CONSTRUCCIÓN DEL CEDI,
CENTRO DE DISTRIBUCIÓN DE
MEDICAMENTOS DEL HOSPITAL
SAN RAFAEL DE YOLOMBÓ

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

CONSULTOR:

CONVERGE

CONVERGE CONSTRUCTORES S.A.S

LIENZO ingenieria

OBRA:

CEDI HOSPITAL
YOLOMBO

CONTIENE:
DESPIECE MUROS 13

DISEÑO:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037–0612583 ANT

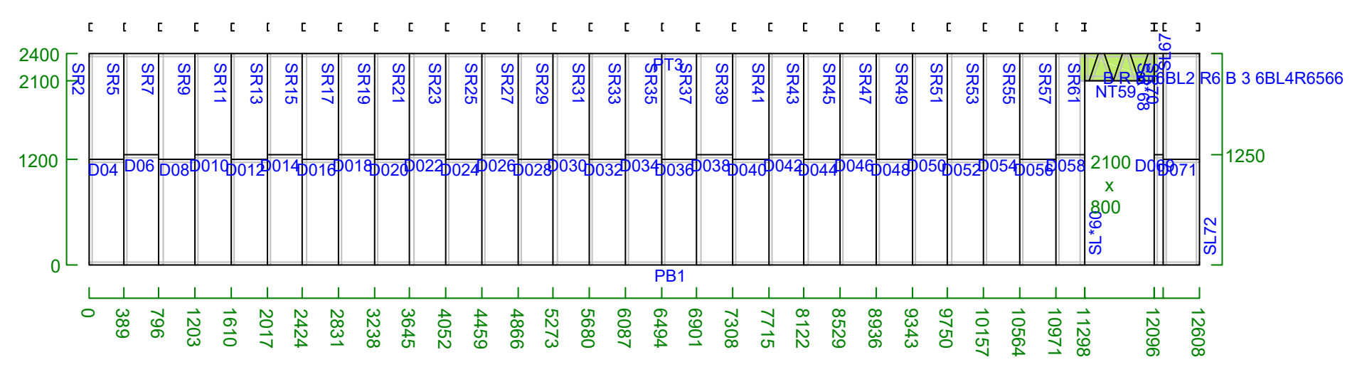
FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
PLANO N°: 413
ARCHIVO: EST–CEDI YOLOMBO

## W152 C140_46-0.95BMT-G350
1 : 137
External Wall :No
Load Bearing :Yes


2400
2100
1200
0
1250
2100 x 800
SL*60
SL72
PB1
0
389
796
1203
1610
2017
2424
2831
3238
3645
4052
4459
4866
5273
5680
6087
6494
6901
7308
7715
8122
8529
8936
9343
9750
10157
10564
10971
11298
12096
12608

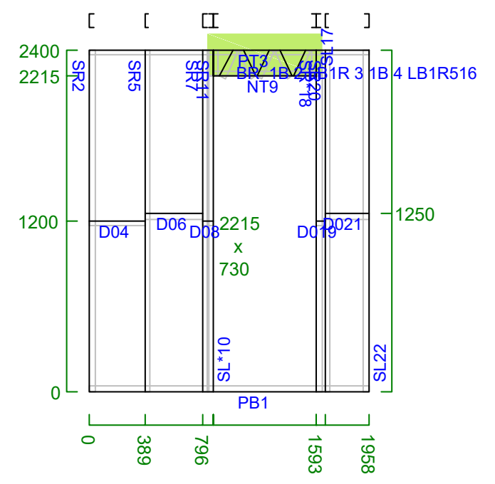
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 12608 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 12608 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 407 |
| SR13 | 90 | 2400 |
| D014 | 0 | 407 |
| SR15 | 90 | 2400 |
| D016 | 0 | 407 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 407 |
| SR21 | 90 | 2400 |
| D022 | 0 | 407 |
| SR23 | 90 | 2400 |
| D024 | 0 | 407 |
| SR25 | 90 | 2400 |
| D026 | 0 | 407 |
| SR27 | 90 | 2400 |
| D028 | 0 | 407 |
| SR29 | 90 | 2400 |
| D030 | 0 | 407 |
| SR31 | 90 | 2400 |
| D032 | 0 | 407 |
| SR33 | 90 | 2400 |
| D034 | 0 | 407 |
| SR35 | 90 | 2400 |
| D036 | 0 | 407 |
| SR37 | 90 | 2400 |
| D038 | 0 | 407 |
| SR39 | 90 | 2400 |
| D040 | 0 | 407 |
| SR41 | 90 | 2400 |
| D042 | 0 | 407 |
| SR43 | 90 | 2400 |
| D044 | 0 | 407 |
| SR45 | 90 | 2400 |
| D046 | 0 | 407 |
| SR47 | 90 | 2400 |
| D048 | 0 | 407 |
| SR49 | 90 | 2400 |
| D050 | 0 | 407 |
| SR51 | 90 | 2400 |
| D052 | 0 | 407 |
| SR53 | 90 | 2400 |
| D054 | 0 | 407 |
| SR55 | 90 | 2400 |
| D056 | 0 | 407 |
| SR57 | 90 | 2400 |
| D058 | 0 | 327 |
| NT59 | 0 | 800 |
| SL*60 | 90 | 2400 |
| SR61 | 90 | 300 |
| BR62 | 71 | 317 |
| BL63 | 71 | 317 |
| BR64 | 71 | 317 |
| BL65 | 71 | 317 |
| BR66 | 71 | 317 |
| SL67 | 90 | 300 |
| SR*68 | 90 | 2400 |
| D069 | 0 | 94 |
| SR70 | 90 | 2400 |
| D071 | 0 | 416 |
| SL72 | 90 | 2400 |
| 73 | 0 | 876 |
| 74 | 0 | 876 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 11260 - 12136 | 2100 - 2400 | 876 | Far |  | 300 |  |  |
| Plate | 11260 - 12136 | 2100 - 2400 | 876 | Near |  | 300 |  |  |

## W153 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes


2400
2215
1200
0
1250
2215 x 730
SL*10
SL22
PB1
0
389
796
1593
1958

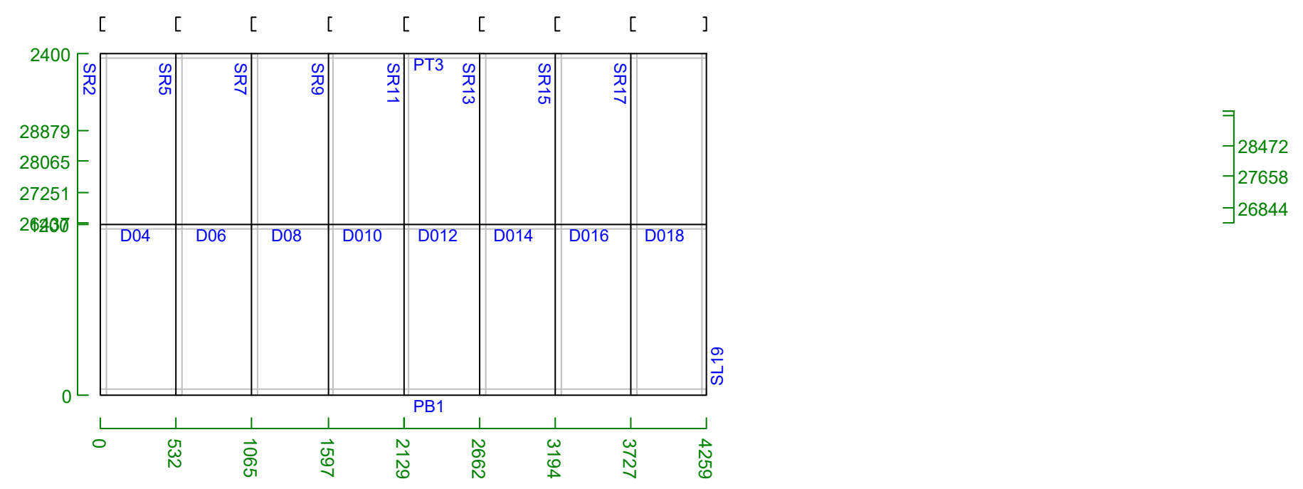
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1958 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1958 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 69 |
| NT9 | 0 | 730 |
| SL*10 | 90 | 2400 |
| SR11 | 90 | 185 |
| BR12 | 64 | 205 |
| BL13 | 64 | 205 |
| BR14 | 64 | 205 |
| BL15 | 64 | 205 |
| BR16 | 64 | 205 |
| SL17 | 90 | 185 |
| SR*18 | 90 | 2400 |
| D019 | 0 | 54 |
| SR20 | 90 | 2400 |
| D021 | 0 | 308 |
| SL22 | 90 | 2400 |
| 23 | 0 | 806 |
| 24 | 0 | 806 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 827 - 1633 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 827 - 1633 | 2215 - 2515 | 806 | Near |  | 300 |  |  |

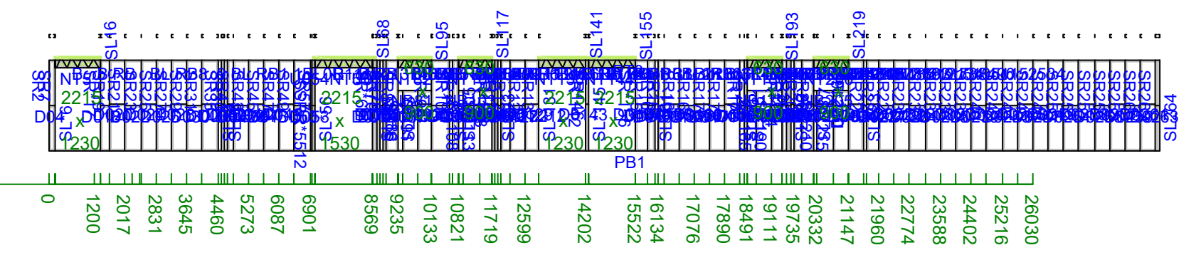
## W154 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes


2400
1200
0
PB1
0
532
1065
1597
2129
2662
3194
3727
4259

**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 4259 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 4259 |
| D04 | 0 | 532 |
| SR5 | 90 | 2400 |
| D06 | 0 | 532 |
| SR7 | 90 | 2400 |
| D08 | 0 | 532 |
| SR9 | 90 | 2400 |
| D010 | 0 | 532 |
| SR11 | 90 | 2400 |
| D012 | 0 | 532 |
| SR13 | 90 | 2400 |
| D014 | 0 | 532 |
| SR15 | 90 | 2400 |
| D016 | 0 | 532 |
| SR17 | 90 | 2400 |
| D018 | 0 | 532 |
| SL19 | 90 | 2400 |

## W155 C90_37-0.95BMT-G350
1 : 320
External Wall :No
Load Bearing :Yes


PB1
0
1200
2017
2831
3645
4460
5273
6087
6901
8569
9235
10133
10821
11719
12599
14202
15522
16134
17076
17890
18491
19111
19735
20332
21147
21960
22774
23588
24402
25216
26030

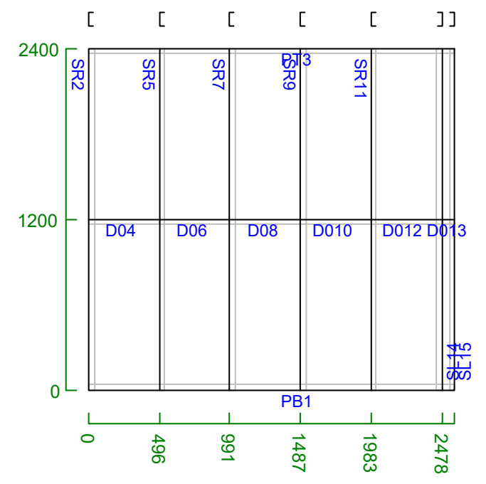
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 29393 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 29393 |
| D04 | 0 | 140 |
| NT5 | 0 | 1230 |
| SL*6 | 90 | 2400 |
| SR7 | 90 | 185 |
| BR8 | 61 | 211 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 102 - 1408 | 2215 - 2515 | 1306 | Near |  | 300 |  |  |
| Plate | 102 - 1408 | 2215 - 2515 | 1306 | Far |  | 300 |  |  |
| Plate | 6941 - 8671 | 2215 - 2515 | 1730 | Near |  | 300 |  |  |
| Plate | 6941 - 8671 | 2215 - 2515 | 1730 | Far |  | 300 |  |  |
| Plate | 9197 - 10173 | 2215 - 2515 | 976 | Near |  | 300 |  |  |
| Plate | 9197 - 10173 | 2215 - 2515 | 976 | Far |  | 300 |  |  |
| Plate | 10783 - 11759 | 2215 - 2515 | 976 | Near |  | 300 |  |  |
| Plate | 10783 - 11759 | 2215 - 2515 | 976 | Far |  | 300 |  |  |
| Plate | 12936 - 14242 | 2215 - 2515 | 1306 | Near |  | 300 |  |  |
| Plate | 12936 - 14242 | 2215 - 2515 | 1306 | Far |  | 300 |  |  |
| Plate | 14256 - 15562 | 2215 - 2515 | 1306 | Near |  | 300 |  |  |
| Plate | 14256 - 15562 | 2215 - 2515 | 1306 | Far |  | 300 |  |  |
| Plate | 18453 - 19429 | 2215 - 2515 | 976 | Near |  | 300 |  |  |
| Plate | 18453 - 19429 | 2215 - 2515 | 976 | Far |  | 300 |  |  |
| Plate | 20211 - 21187 | 2215 - 2515 | 976 | Near |  | 300 |  |  |
| Plate | 20211 - 21187 | 2215 - 2515 | 976 | Far |  | 300 |  |  |

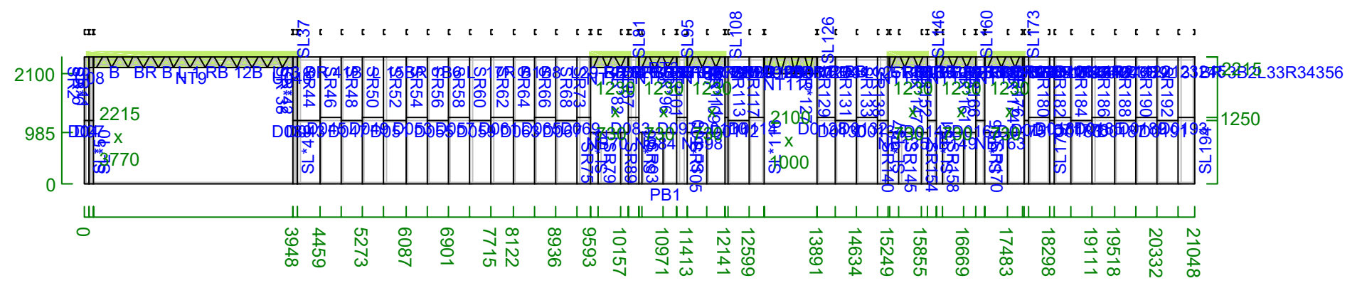
## W160 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :No


2400
1200
0
SL14
SL15
PB1
0
496
991
1487
1983
2478

**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 2568 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 2568 |
| D04 | 0 | 496 |
| SR5 | 90 | 2400 |
| D06 | 0 | 496 |
| SR7 | 90 | 2400 |
| D08 | 0 | 496 |
| SR9 | 90 | 2400 |
| D010 | 0 | 496 |
| SR11 | 90 | 2400 |
| D012 | 0 | 496 |
| D013 | 0 | 90 |
| SL14 | 90 | 2400 |
| SL15 | 90 | 2400 |

## W156 C90_37-0.95BMT-G350
1 : 229
External Wall :No
Load Bearing :Yes


2100
985
0
1250
2215 x 3770
2100 x 1000
PB1
0
3948
4459
5273
6087
6901
7715
8122
8936
9593
10157
10971
11413
12141
12599
13891
14634
15249
15855
16669
17483
18298
19111
19518
20332
21048

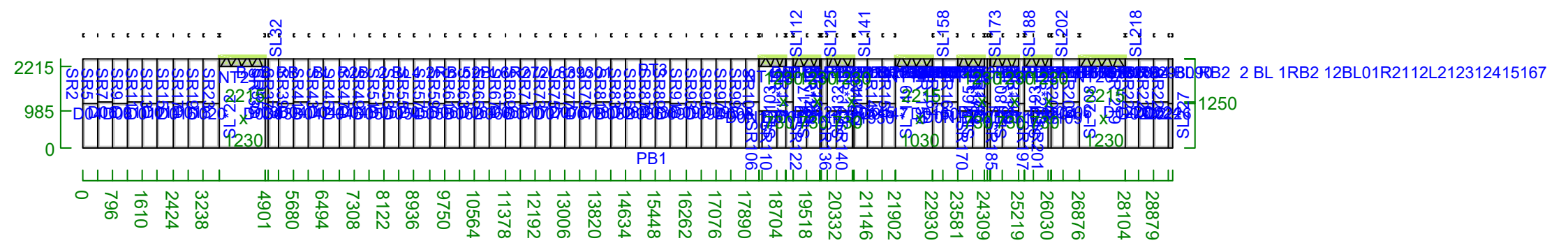
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 21048 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 21048 |
| D04 | 0 | 78 |
| SL*5 | 90 | 2400 |
| SR*6 | 90 | 2400 |
| D07 | 0 | 100 |
| U08 | 0 | 100 |
| NT9 | 0 | 3770 |
| SL*10 | 90 | 2400 |
| SR11 | 90 | 185 |
| BR12 | 60 | 214 |
| BL13 | 60 | 214 |
| BR14 | 60 | 214 |
| BL15 | 60 | 214 |
| BR16 | 60 | 214 |
| BL17 | 60 | 214 |
| BR18 | 60 | 214 |
| BL19 | 60 | 214 |
| BR20 | 60 | 214 |
| BL21 | 60 | 214 |
| BR22 | 60 | 214 |
| BL23 | 60 | 214 |
| BR24 | 60 | 214 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 40 - 4090 | 2215 - 2515 | 4050 | Near |  | 300 |  |  |
| Plate | 40 - 4090 | 2215 - 2515 | 4050 | Far |  | 300 |  |  |
| Plate | 9555 - 10361 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 9555 - 10361 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 10465 - 11271 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 10465 - 11271 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 11375 - 12181 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 11375 - 12181 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 12855 - 13931 | 2100 - 2400 | 1076 | Near |  | 300 |  |  |
| Plate | 12855 - 13931 | 2100 - 2400 | 1076 | Far |  | 300 |  |  |
| Plate | 15211 - 16017 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 15211 - 16017 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 16121 - 16927 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 16121 - 16927 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 17031 - 17837 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 17031 - 17837 | 2215 - 2515 | 806 | Far |  | 300 |  |  |

## W157 C90_37-0.95BMT-G350
1 : 320
External Wall :No
Load Bearing :Yes


2215
985
0
1250
PB1
0
796
1610
2424
3238
4901
5680
6494
7308
8122
8936
9750
10564
11378
12192
13006
13820
14634
15448
16262
17076
17890
18704
19518
20332
21146
21902
22930
23581
24309
25219
26030
26876
28104
28879

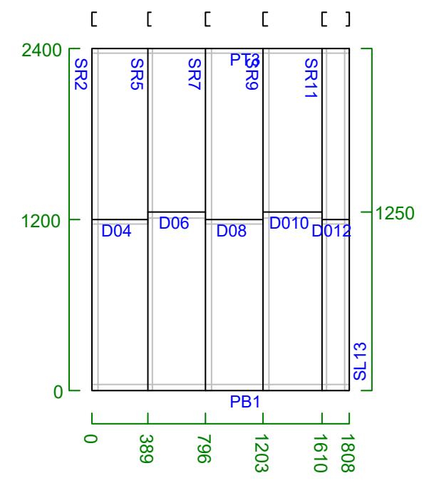
**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 29392 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 29392 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 3635 - 4941 | 2215 - 2515 | 1306 | Near |  | 300 |  |  |
| Plate | 3635 - 4941 | 2215 - 2515 | 1306 | Far |  | 300 |  |  |
| Plate | 18198 - 19004 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 18198 - 19004 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 19108 - 19914 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 19108 - 19914 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 20018 - 20824 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 20018 - 20824 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 21864 - 22970 | 2215 - 2515 | 1106 | Near |  | 300 |  |  |
| Plate | 21864 - 22970 | 2215 - 2515 | 1106 | Far |  | 300 |  |  |
| Plate | 23543 - 24349 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 23543 - 24349 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 24453 - 25259 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 24453 - 25259 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 25363 - 26169 | 2215 - 2515 | 806 | Near |  | 300 |  |  |
| Plate | 25363 - 26169 | 2215 - 2515 | 806 | Far |  | 300 |  |  |
| Plate | 26838 - 28144 | 2215 - 2515 | 1306 | Near |  | 300 |  |  |
| Plate | 26838 - 28144 | 2215 - 2515 | 1306 | Far |  | 300 |  |  |

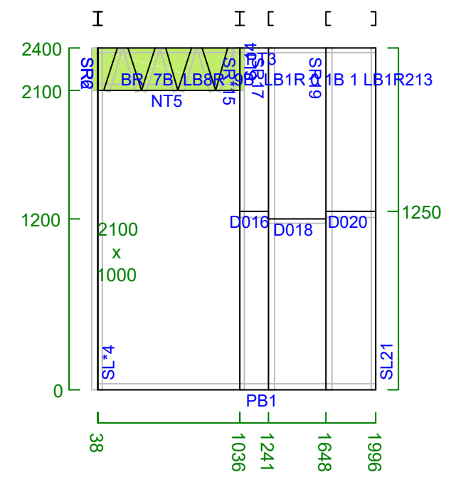
## W158 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes


2400
1200
0
1250
PB1
0
389
796
1203
1610
1808

**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1808 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1808 |
| D04 | 0 | 389 |
| SR5 | 90 | 2400 |
| D06 | 0 | 407 |
| SR7 | 90 | 2400 |
| D08 | 0 | 407 |
| SR9 | 90 | 2400 |
| D010 | 0 | 407 |
| SR11 | 90 | 2400 |
| D012 | 0 | 198 |
| SL13 | 90 | 2400 |

## W159 C90_37-0.95BMT-G350
1 : 85
External Wall :No
Load Bearing :Yes


2400
2100
1200
0
1250
2100 x 1000
SL*4
SL21
PB1
38
1036
1241
1648
1996

**Items**

| Item | Pitch | Length |
|---|---|---|
| PB1 | 0 | 1958 |
| SR2 | 90 | 2400 |
| PT3 | 0 | 1958 |
| SL*4 | 90 | 2400 |
| NT5 | 0 | 1000 |
| SR6 | 90 | 300 |
| BR7 | 73 | 313 |
| BL8 | 73 | 313 |
| BR9 | 73 | 313 |
| BL10 | 73 | 313 |
| BR11 | 73 | 313 |
| BL12 | 73 | 313 |
| BR13 | 73 | 313 |
| SL14 | 90 | 300 |
| SR*15 | 90 | 2400 |
| D016 | 0 | 203 |
| SR17 | 90 | 2400 |
| D018 | 0 | 407 |
| SR19 | 90 | 2400 |
| D020 | 0 | 348 |
| SL21 | 90 | 2400 |
| 22 | 0 | 1076 |
| 23 | 0 | 1076 |

**Bracing**

| Type | X Range | Y Range | Length | Near / Far | Width / Gauge | Width | Connection | Location |
|---|---|---|---|---|---|---|---|---|
| Plate | 38 - 1038 | 2100 - 2400 | 1076 | Far |  | 300 |  |  |
| Plate | 38 - 1038 | 2100 - 2400 | 1076 | Near |  | 300 |  |  |

CIUDAD DE YOLOMBÓ

ESTUDIOS Y DISEÑOS PARA LA CONSTRUCCIÓN DEL CEDI, CENTRO DE DISTRIBUCIÓN DE MEDICAMENTOS DEL HOSPITAL SAN RAFAEL DE YOLOMBÓ

PROPIETARIO:

ESE Hospital San Rafael
Yolombó
Transformando vidas
HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

HOSPITAL SAN RAFAEL
MUNICIPIO DE YOLOMBO

CONSULTOR:

CONVERGE

CONVERGE CONSTRUCTORES S.A.S

LIENZO
ingenieria

OBRA:

CEDI HOSPITAL
YOLOMBO

CONTIENE:
DESPIECE MUROS 14

DISEÑÓ:
ING. CESAR CORDOBA

DIBUJÓ:
JORDAN RENTERIA GOMEZ

FIRMA:
ING. CESAR COROBA
MATRICULA: 011037-0612583 ANT

FIRMA REVISOR:

MODIFICACIONES:

| DESCRIPCIÓN | VERSIÓN | FECHA |
|---|---|---|
| DETALLE DE ESCALERA | 01 | 11/12/2025 |

FECHA: 11/12/2025
ESCALA P: INDICADA
CODIGO:
PLANO N°: 414
ARCHIVO: EST-CEDI YOLOMBO