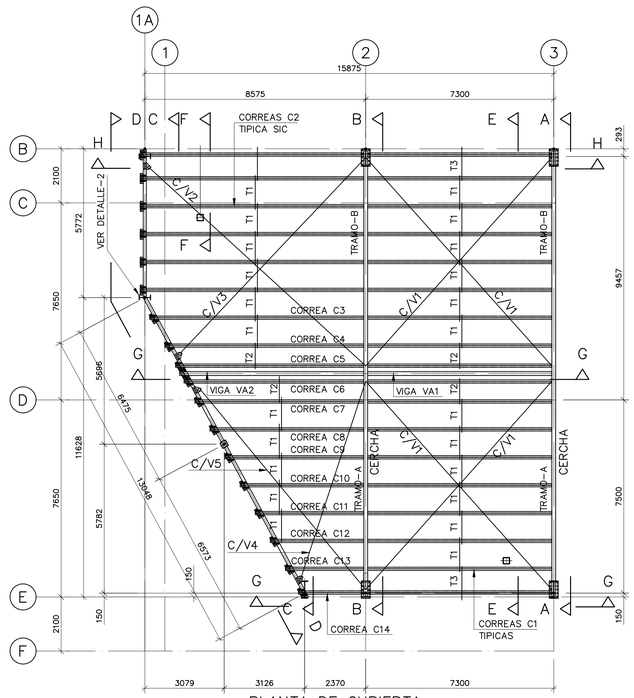
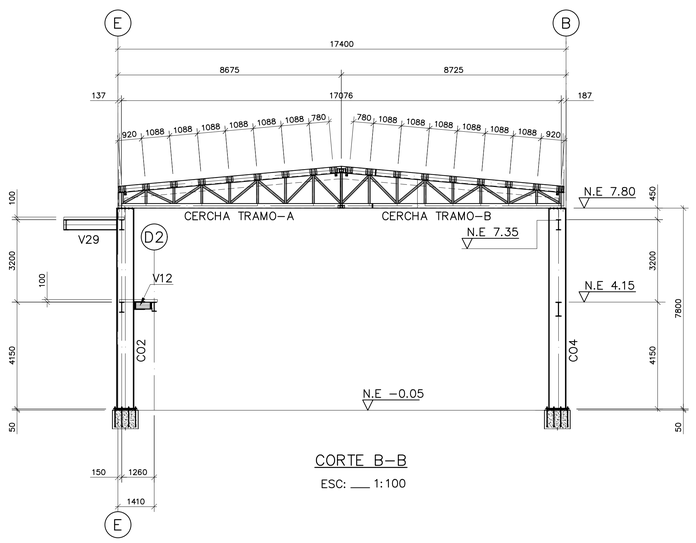


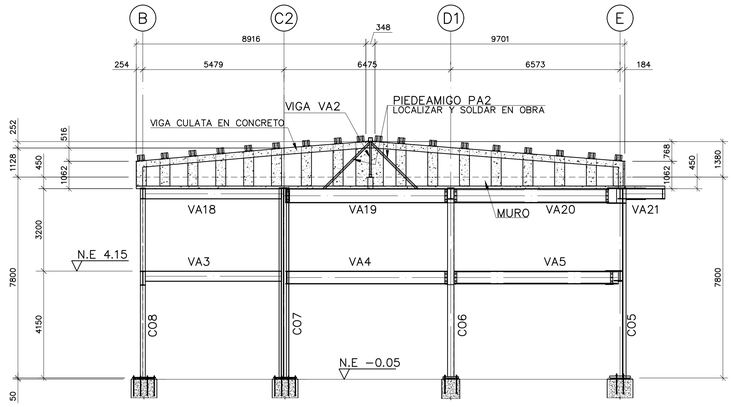
PLANTA DE CUBIERTA

ESC: ___ 1:100



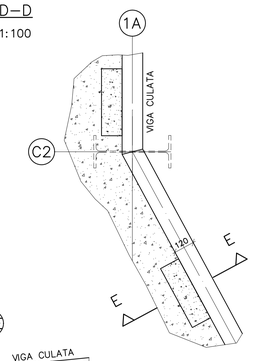
CORTE B-B

ESC: ___ 1:100



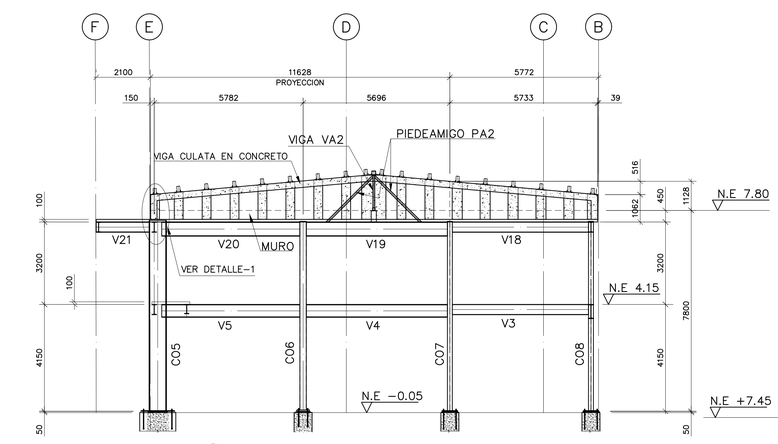
CORTE D-D

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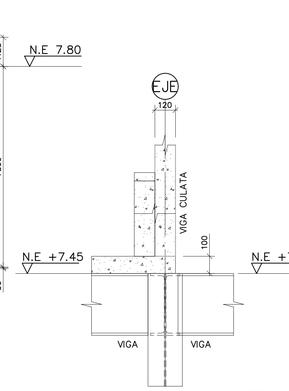
DETALLE-2

ESC: ___ 1:15



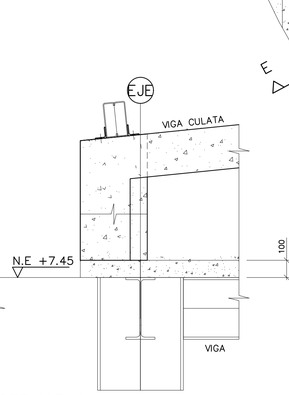
CORTE C-C

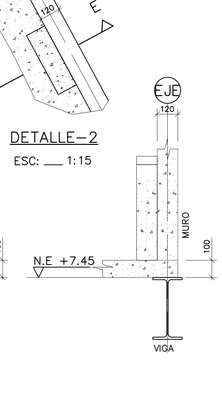
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DETALLE-1

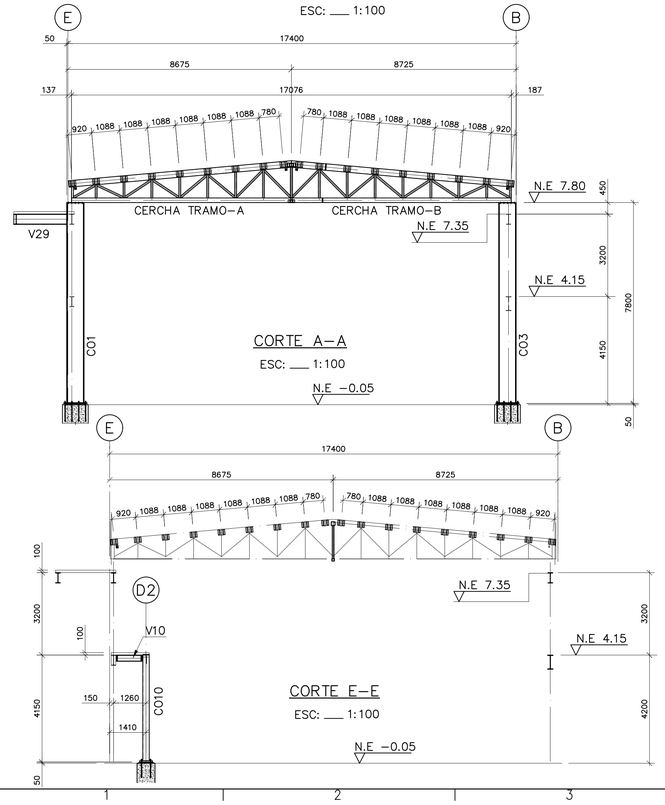
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CORTE E-E

ESC: ___ 1:15

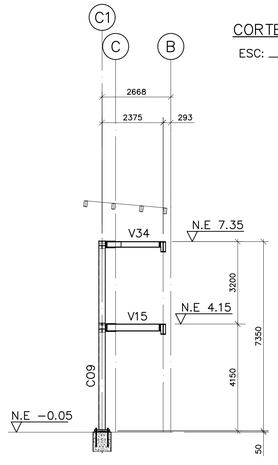


CORTE A-A

ESC: ___ 1:100

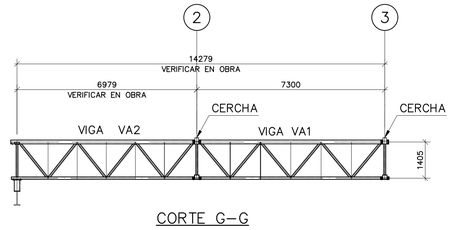
CORTE E-E

ESC: ___ 1:100



CORTE F-F

ESC: ___ 1:100



CORTE G-G

ESC: ___ 1:100

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◔ HCOS ø15/16"

● HCOS ø9/16" ⊕ HCOS ø13/16" ◕ HCOS ø1-1/16"

NO.	FECHA	DESCRIPCION	FIRMA
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0	11-12-2023	Emitido para la fabricación	-

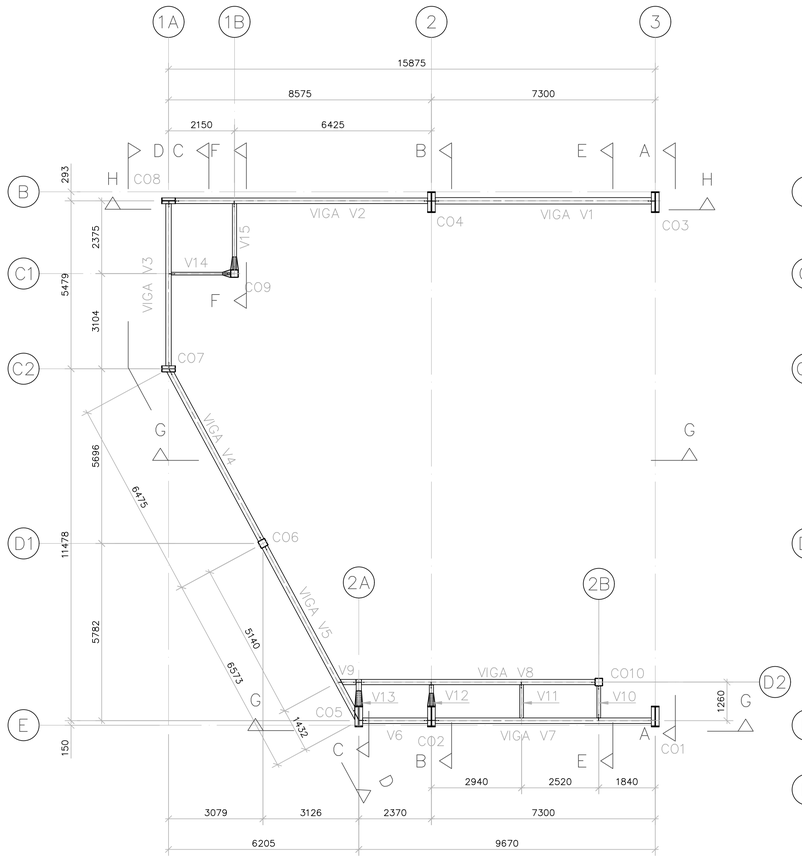
Centro Industrial y de Desarrollo Empresarial (CIDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

PLANTA DE CUBIERTA CORTES-DETALLES

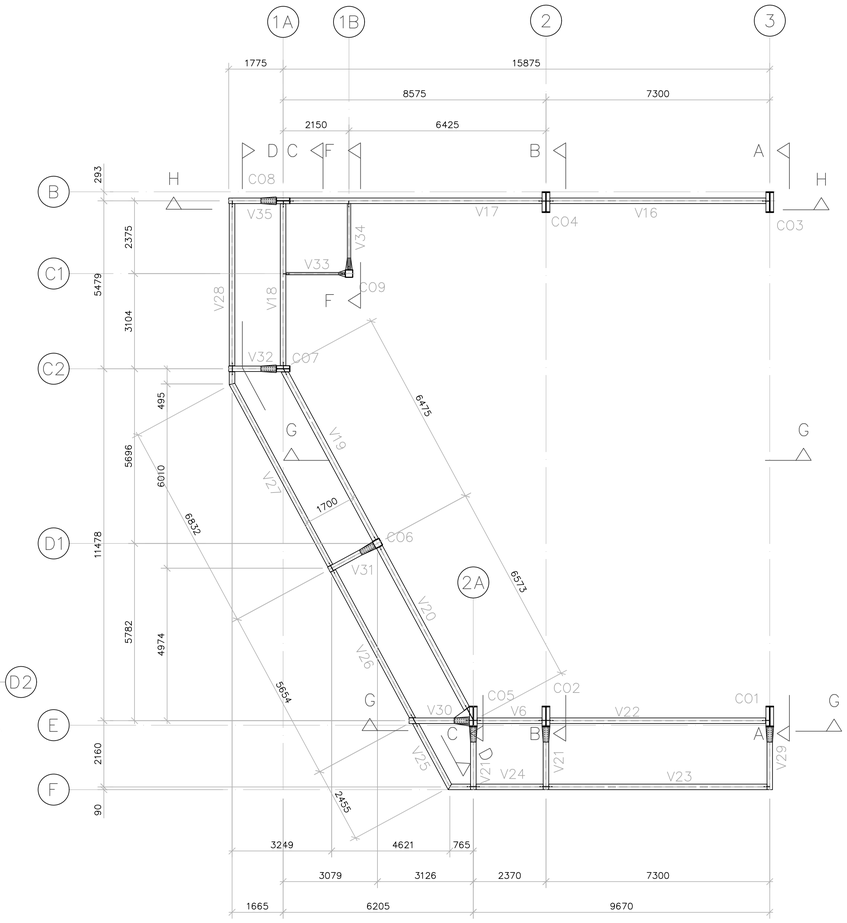
FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:100 1:15
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			11.12.2023
FABRICO:			
NOTAS:		OBRA No: --	ARCHIVO CAD: UE1-M02-1.dwg
		REVISION No: 1	PL No. UE1-M02



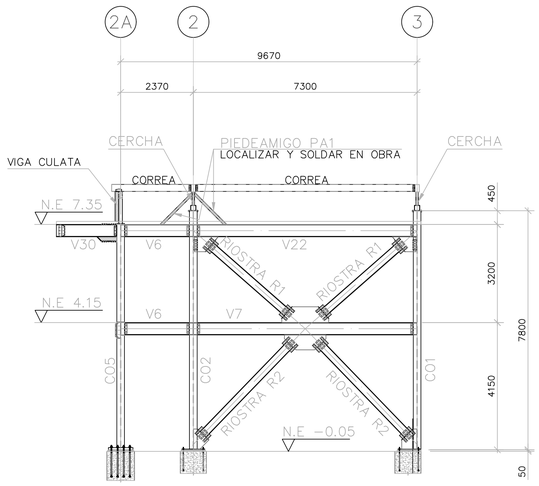
PLANTA VIGAS NIVEL N.E 4.15

ESC: ___ 1:100



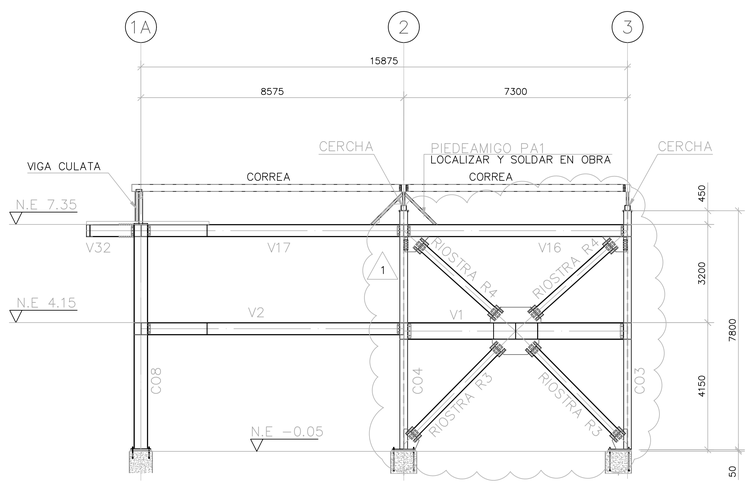
PLANTA VIGAS NIVEL N.E 7.35

ESC: ___ 1:100



CORTE G-G

ESC: ___ 1:100



CORTE H-H

ESC: ___ 1:100

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◈ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ◆ HCOS ø1-1/16"

1	21-03-2024	LO INDICADO EN CORTE H-H	–
0	15-12-2023	Emitido para la fabricación	–
MOD.	FECHA	DESCRIPCION	FIRMA

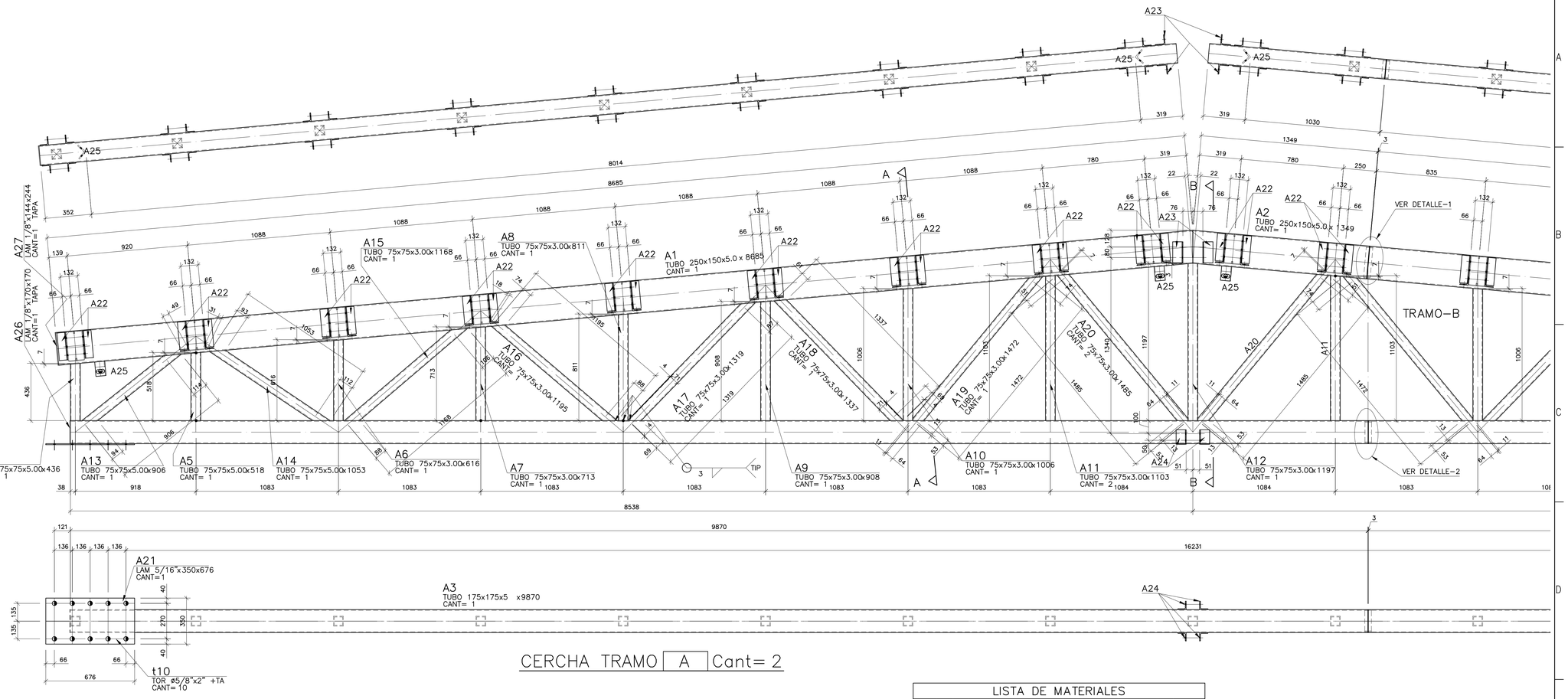
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

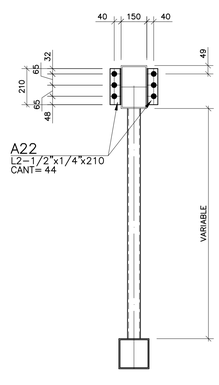
PLANTAS NIVEL N.E 4.15 y N.E 7.35
CORTES

FABRICACION Y MONTAJES JAES S.A.S.

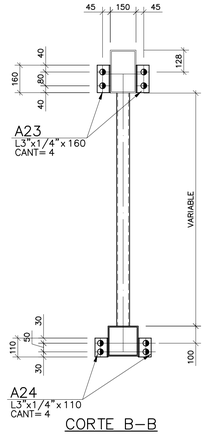
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CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			15.12.2023
FABRICO:			
NOTAS:		OBRA No: — —	ARCHIVO CAD: UE1-M03-1.dwg
		REVISIÓN No: 1	PL No. UE1-M03



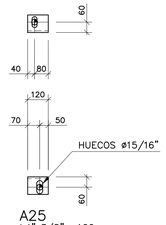
CERCHA TRAMO | A | Cant= 2



CORTE A-A



CORTE B-B



LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO Unit kg	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
A 2x	A10	1	TUBO 75x75x3.00x1006	6.60	6.64	ASTM-A500-Gr.C	2	
	A11	2	TUBO 75x75x3.00x1103	6.60	14.56	ASTM-A500-Gr.C	4	
	A12	1	TUBO 75x75x3.00x1197	6.60	7.90	ASTM-A500-Gr.C	2	
	A13	1	TUBO 75x75x5.00x906	10.43	9.45	ASTM-A500-Gr.C	2	
	A14	1	TUBO 75x75x5.00x1053	10.43	10.98	ASTM-A500-Gr.C	2	
	A15	1	TUBO 75x75x3.00x1168	6.60	7.71	ASTM-A500-Gr.C	2	
	A16	1	TUBO 75x75x3.00x1195	6.60	7.89	ASTM-A500-Gr.C	2	
	A17	1	TUBO 75x75x3.00x1319	6.60	8.71	ASTM-A500-Gr.C	2	
	A18	1	TUBO 75x75x3.00x1337	6.60	8.82	ASTM-A500-Gr.C	2	
	A19	1	TUBO 75x75x3.00x1472	6.60	9.72	ASTM-A500-Gr.C	2	
	A1	1	TUBO 250x150x5.0x8685	30.11	261.51	ASTM-A500-Gr.C	2	
	A20	2	TUBO 75x75x3.00x1485	6.60	19.60	ASTM-A500-Gr.C	4	
	A21	1	LAM 5/16"x350x676	62.31	14.74	A572-50	2	
	A22	44	L2-1/2"x1/4"x210	6.10	56.36	A572-50	88	
	A23	4	L3"x1/4"x160	7.29	4.67	A572-50	8	
	A24	4	L3"x1/4"x110	7.29	3.21	A572-50	8	
	A25	3	L4"x3/8"x120	14.58	5.25	A572-50	6	
	A26	1	LAM 1/8"x170x170	24.92	0.72	A572-50	2	TAPA
	A27	1	LAM 1/8"x144x244	24.92	0.88	A572-50	2	TAPA
	A2	1	TUBO 250x150x5.0x1349	30.11	40.62	ASTM-A500-Gr.C	2	
	A3	1	TUBO 175x175x5x9870	27.56	272.02	ASTM-A500-Gr.C	2	
	A4	1	TUBO 75x75x5.00x436	10.43	4.55	ASTM-A500-Gr.C	2	
	A5	1	TUBO 75x75x5.00x518	10.43	5.40	ASTM-A500-Gr.C	2	
	A6	1	TUBO 75x75x3.00x616	6.60	4.07	ASTM-A500-Gr.C	2	
	A7	1	TUBO 75x75x3.00x713	6.60	4.71	ASTM-A500-Gr.C	2	
	A8	1	TUBO 75x75x3.00x811	6.60	5.35	ASTM-A500-Gr.C	2	
	A9	1	TUBO 75x75x3.00x908	6.60	5.99	ASTM-A500-Gr.C	2	
			PESO CONJUNTO A		802.01			
			PESO 2 CONJUNTOS		1604.01			
OTR 1x	t10	20	TOR ø5/8"x2" +TA	0.19	3.72	A490		
			PESO OTROS		3.72			
PESO TOTAL PLANO 1607.73								

NOTAS:

1-VER SISTEMA GENERAL Y TRAMO-B DE LA CERCHA EN PLANO UE3-T02

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◔ HCOS ø15/16"
● HCOS ø9/16" ⊕ HCOS ø13/16" ◕ HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
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0	08-12-2023	Emitido para la fabricación	-

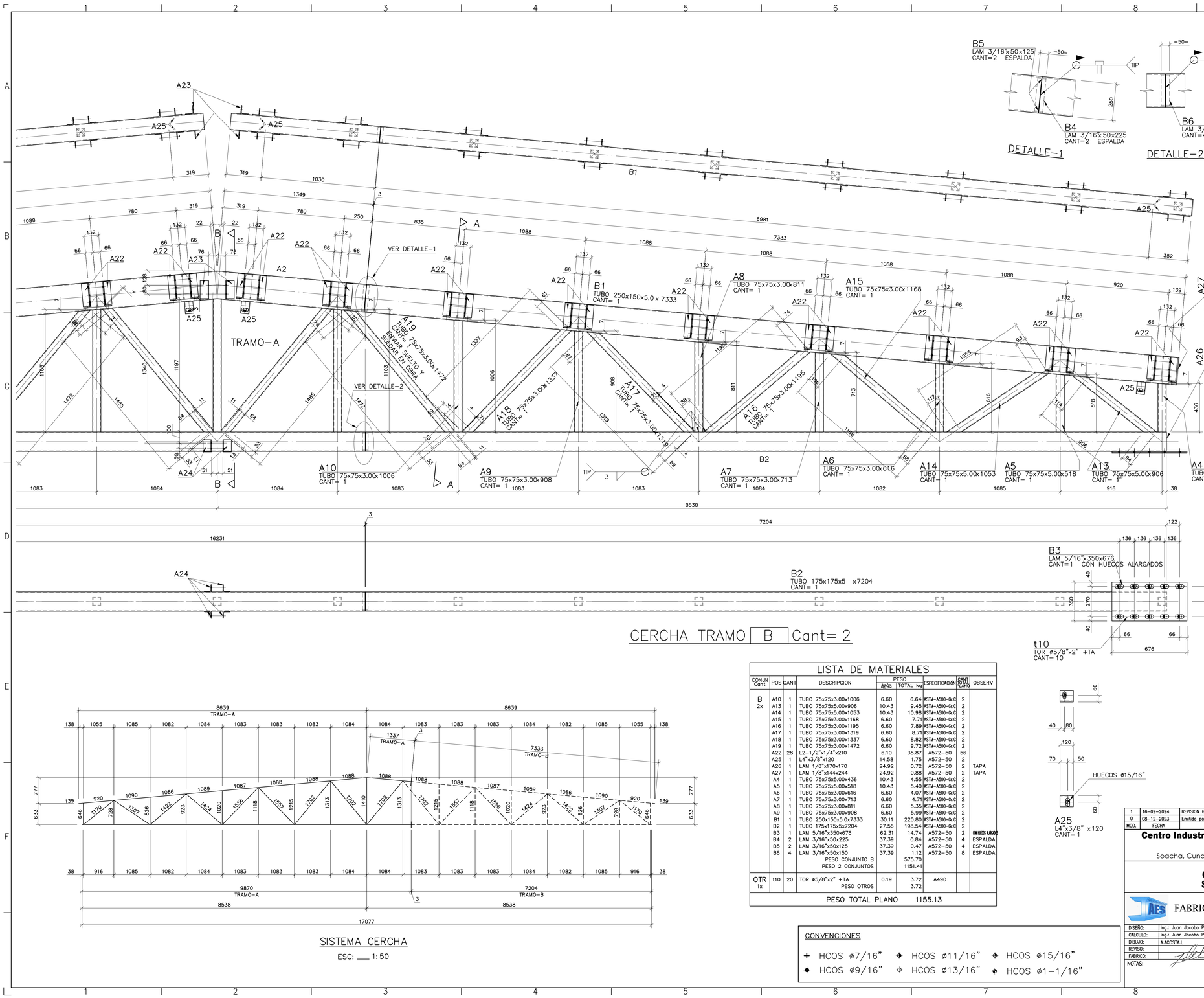
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

CERCHA TRAMO-A

FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:50 1:15 1:12.5
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			08.12.2023
FABRICO:			
NOTAS:		OBRA No: --	ARCHIVO CAD: UE1-T01-1.dwg
		REVISION No: 1	PL No. UE1-T01



CERCHA TRAMO B Cant= 2

SISTEMA CERCHA

ESC: ___ 1:50

LISTA DE MATERIALES

CONJ/N Cant	POS	CANT	DESCRIPCION	PESO kg/m	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
B 2x	A10	1	TUBO 75x75x3.00x1006	6.60	6.64	ASTM–A500–Gr.C	2	
	A13	1	TUBO 75x75x5.00x906	10.43	9.45	ASTM–A500–Gr.C	2	
	A14	1	TUBO 75x75x5.00x1053	10.43	10.98	ASTM–A500–Gr.C	2	
	A15	1	TUBO 75x75x3.00x1168	6.60	7.71	ASTM–A500–Gr.C	2	
	A16	1	TUBO 75x75x3.00x1195	6.60	7.89	ASTM–A500–Gr.C	2	
	A17	1	TUBO 75x75x3.00x1319	6.60	8.71	ASTM–A500–Gr.C	2	
	A18	1	TUBO 75x75x3.00x1337	6.60	8.82	ASTM–A500–Gr.C	2	
	A19	1	TUBO 75x75x3.00x1472	6.60	9.72	ASTM–A500–Gr.C	2	
	A22	28	L2–1/2"x1/4"x210	6.10	35.87	A572–50	56	
	A25	1	L4"x3/8"x120	14.58	1.75	A572–50	2	
	A26	1	LAM 1/8"x170x170	24.92	0.72	A572–50	2	TAPA
	A27	1	LAM 1/8"x144x244	24.92	0.88	A572–50	2	TAPA
	A4	1	TUBO 75x75x5.00x436	10.43	4.55	ASTM–A500–Gr.C	2	
	A5	1	TUBO 75x75x5.00x518	10.43	5.40	ASTM–A500–Gr.C	2	
	A6	1	TUBO 75x75x3.00x616	6.60	4.07	ASTM–A500–Gr.C	2	
	A7	1	TUBO 75x75x3.00x713	6.60	4.71	ASTM–A500–Gr.C	2	
	A8	1	TUBO 75x75x3.00x811	6.60	5.35	ASTM–A500–Gr.C	2	
	A9	1	TUBO 75x75x3.00x908	6.60	5.99	ASTM–A500–Gr.C	2	
	B1	1	TUBO 250x150x5.0x7333	30.11	220.80	ASTM–A500–Gr.C	2	
	B2	1	TUBO 175x175x5x7204	27.56	198.54	ASTM–A500–Gr.C	2	
	B3	1	LAM 5/16"x350x676	62.31	14.74	A572–50	2	CON HUECOS ALARGADOS
	B4	2	LAM 3/16"x50x225	37.39	0.84	A572–50	4	ESPALDA
	B5	2	LAM 3/16"x50x125	37.39	0.47	A572–50	4	ESPALDA
	B6	4	LAM 3/16"x50x150	37.39	1.12	A572–50	8	ESPALDA
			PESO CONJUNTO B		575.70			
			PESO 2 CONJUNTOS		1151.41			
OTR 1x	t10	20	TOR ø5/8"x2" +TA	0.19	3.72	A490		
			PESO OTROS		3.72			
PESO TOTAL PLANO 1155.13								

CONVENCIONES

+ HCOS ø7/16" ◆ HCOS ø11/16" ⊕ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ◈ HCOS ø1–1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
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0	08–12–2023	Emitido para la fabricación	–

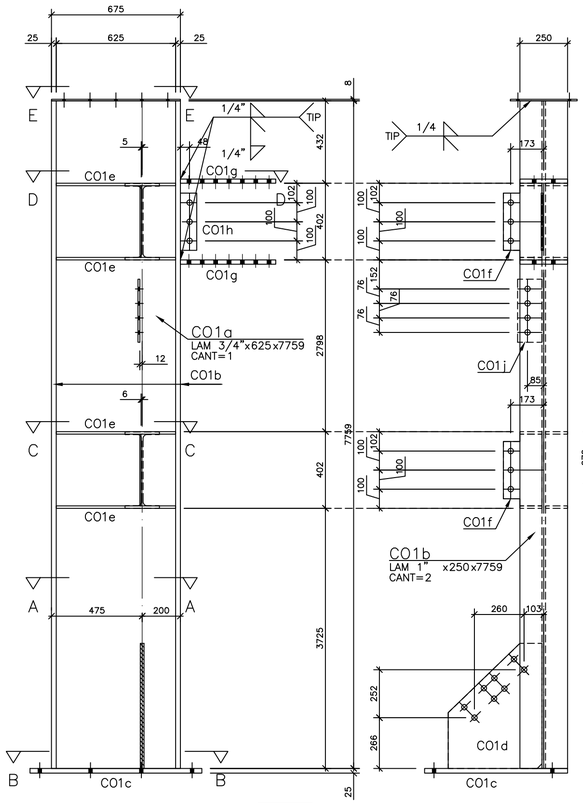
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

CERCHA TRAMO-B
SISTEMA CERCHA

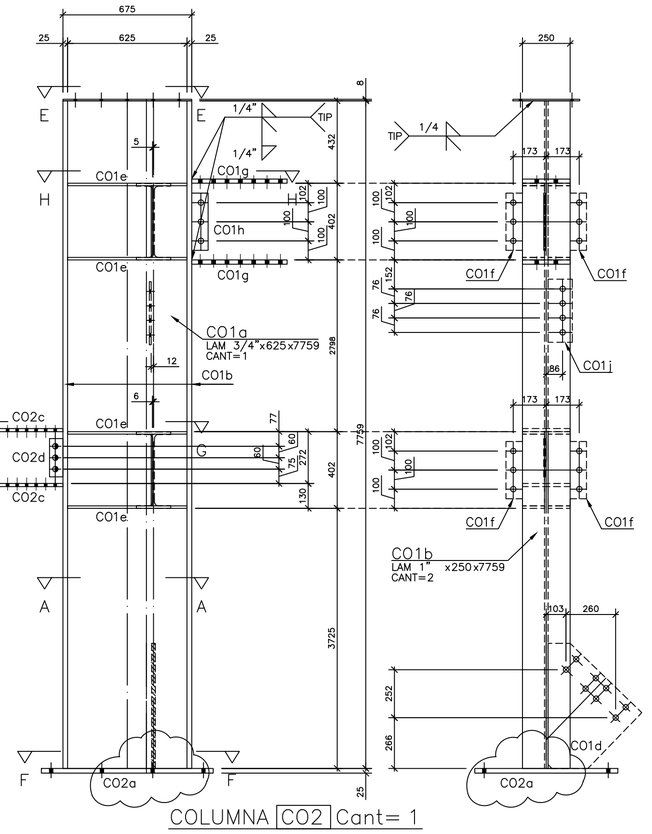
FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	ESCALA : 1:50 1:15 1:12.5
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			08.12.2023
FABRICO:			
NOTAS:		OBRA No: ––	ARCHIVO CAD: UE1–T02–1.dwg
		REVISION No: 1	PL No. UE1–T02



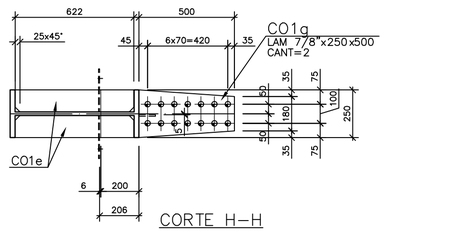
COLUMNA CO1 Cant= 1

PARA EJE 3-E

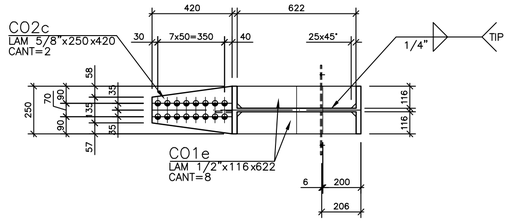


COLUMNA CO2 Cant= 1

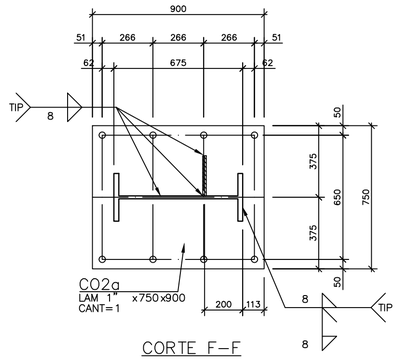
PARA EJE 2-E



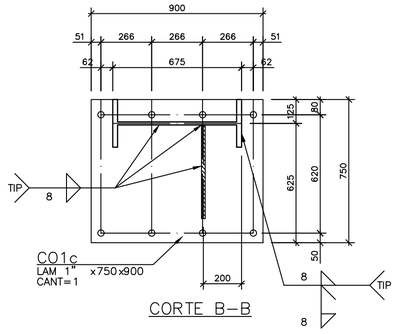
CORTE H-H



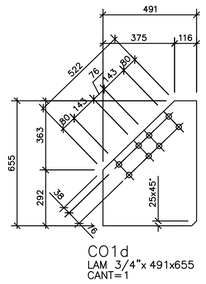
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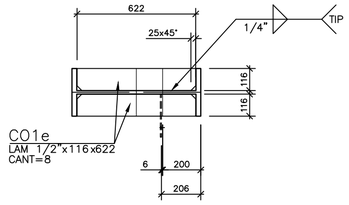


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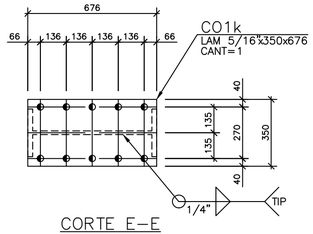


CORTE B-B

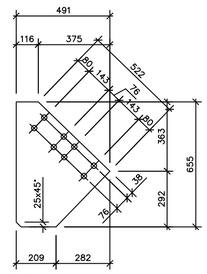


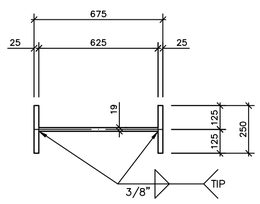


CORTE C-C

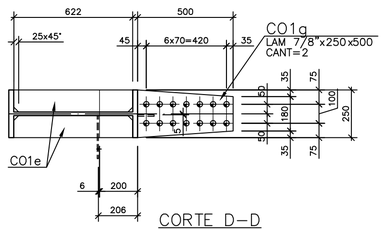


CORTE E-E

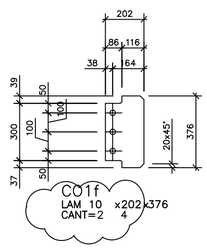


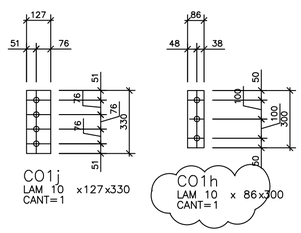


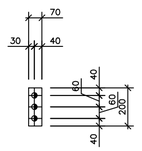
CORTE A-A



CORTE D-D







LISTA DE MATERIALES

CONJUN Cant	POS	CANT	DESCRIPCION	PESO UNIT kg	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
CO1	CO1a	1	LAM 3/4"x625x7759	149.54	725.19	A572-50	2	
1x	CO1b	2	LAM 1"x250x7759	199.39	773.53	A572-50	4	
	CO1c	1	LAM 1"x750x900	199.39	134.59	A572-50	1	
	CO1d	1	LAM 3/4"x491x655	149.54	48.09	A572-50	1	
	CO1e	8	LAM 1/2"x116x622	99.70	57.55	A572-50	16	
	CO1f	2	LAM 10x202x376	78.56	11.93	A572-50	6	
	CO1g	2	LAM 7/8"x250x500	174.47	43.62	A572-50	4	
	CO1h	1	LAM 10x86x300	78.56	2.03	A572-50	2	
	CO1j	1	LAM 10x127x330	78.56	3.29	A572-50	2	
	CO1k	1	LAM 5/16"x350x676	62.31	14.74	A572-50	2	
			PESO CONJUNTO CO1		1814.56			
CO2	CO2a	1	LAM 3/4"x625x7759	149.54	725.19	A572-50	---	
1x	CO2b	2	LAM 1"x250x7759	199.39	773.53	A572-50	---	
	CO2e	8	LAM 1/2"x116x622	99.70	57.55	A572-50	---	
	CO2f	4	LAM 10x202x376	78.56	23.87	A572-50	---	
	CO2g	2	LAM 7/8"x250x500	174.47	43.62	A572-50	---	
	CO2h	1	LAM 10x86x300	78.56	2.03	A572-50	---	
	CO2j	1	LAM 10x127x330	78.56	3.29	A572-50	---	
	CO2k	1	LAM 5/16"x350x676	62.31	14.74	A572-50	---	
	CO2a	1	LAM 1"x750x900	199.39	134.59	A572-50	1	
	CO2b	1	LAM 3/4"x491x655	149.54	48.09	A572-50	1	
	CO2c	2	LAM 5/8"x250x420	124.62	26.17	A572-50	2	
	CO2d	1	LAM 1/4"x70x200	49.85	0.70	A572-50	1	
			PESO CONJUNTO CO2		1853.36			
PESO TOTAL PLANO 3667.92								

CONVENCIONES

HCOS ø7/16" HCOS ø11/16" HCOS ø15/16"
HCOS ø9/16" HCOS ø13/16" HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
0	27-12-2023	Emitido para la fabricación	-

Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

COLUMNAS CO1 y CO2

FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:15
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA L.		
REVISO:			
FABRICO:			27.12.2023

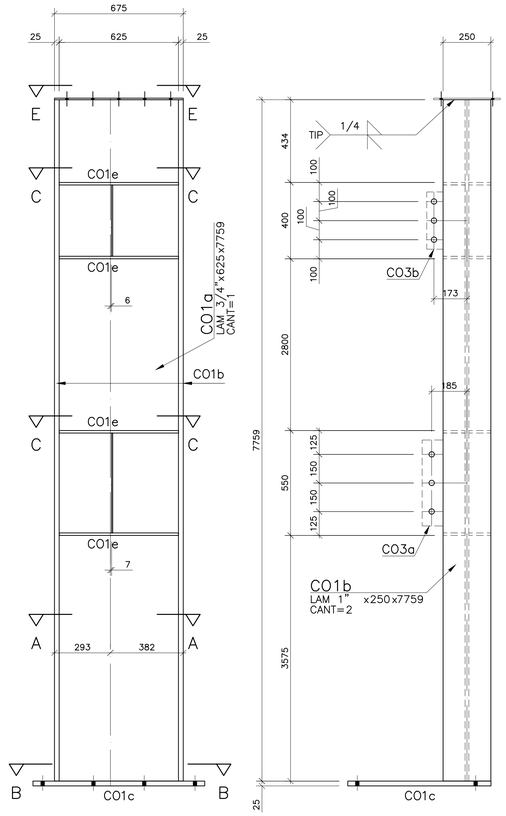
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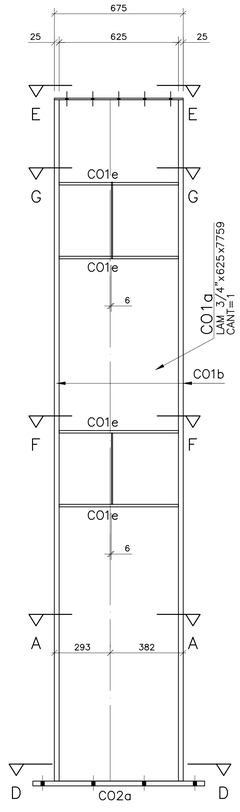
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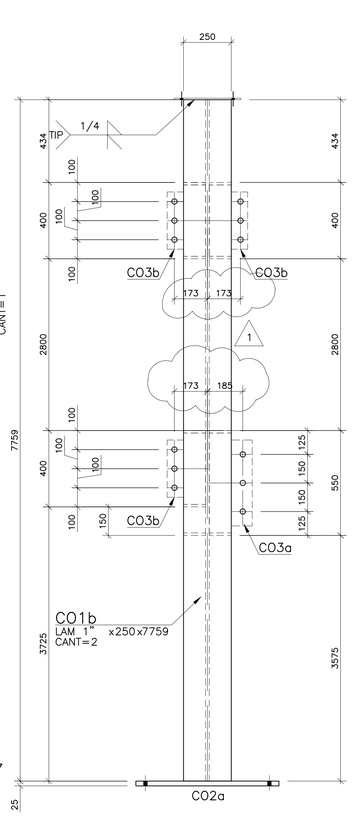
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REVISION No: 0

PL No. UE1-T03





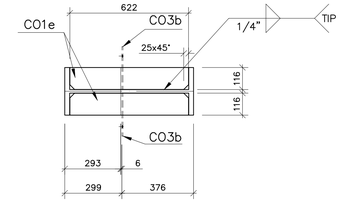


COLUMNA CO3 Cant= 1

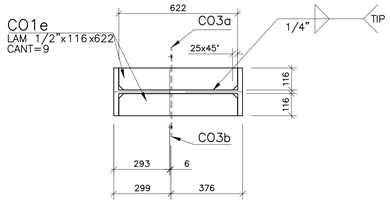
PARA EJE 3-B

COLUMNA CO4 Cant= 1

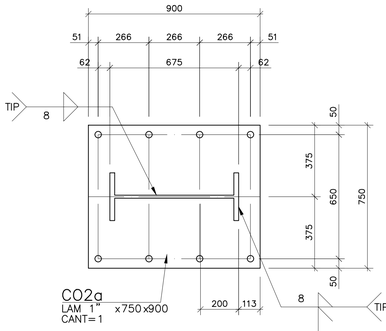
PARA EJE 2-B



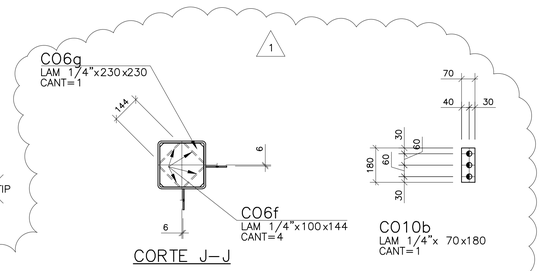
CORTE G-G



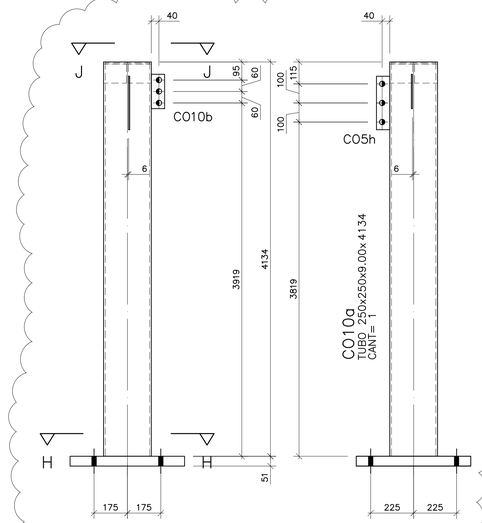
CORTE F-F



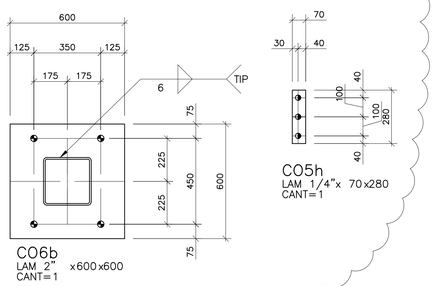
CORTE D-D



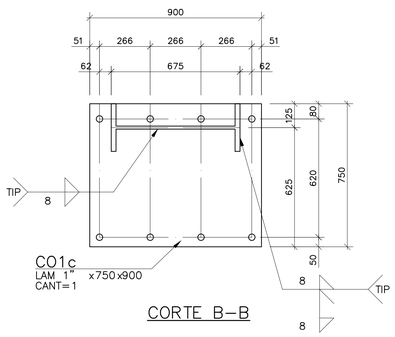
CORTE J-J



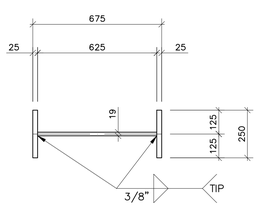
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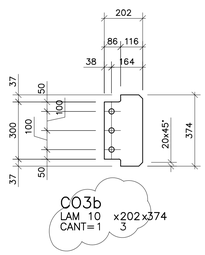
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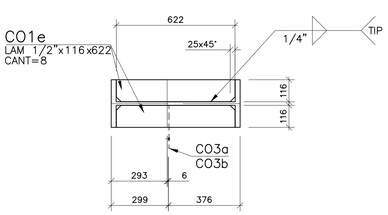


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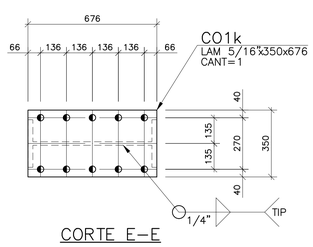


CORTE A-A

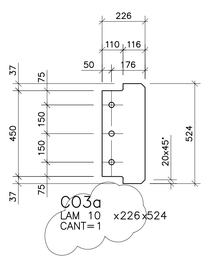




CORTE C-C



CORTE E-E



CONVENCIONES

HCOS ø7/16" HCOS ø11/16" HCOS ø15/16"

HCOS ø9/16" HCOS ø13/16" HCOS ø1-1/16"

LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO kg/pza	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
CO10 1x	CO10a	1	TUBO 250x250x9.00x4134	66.47	274.79	ASTM-A500-Gr.C	1	
	CO10b	1	LAM 1/4"x70x180	49.85	0.63	A572-50	1	
	CO5h	1	LAM 1/4"x70x280	49.85	0.98	A572-50	1	
	CO6b	1	LAM 2"x600x600	398.78	143.56	A572-50	1	
	CO6f	4	LAM 1/4"x100x144	49.85	2.87	A572-50	4	
	CO6g	1	LAM 1/4"x230x230	49.85	2.64	A572-50	1	
			PESO CONJUNTO CO10		425.46			
CO3 1x	CO1a	1	LAM 3/4"x625x7759	149.54	725.19	A572-50	2	
	CO1b	2	LAM 1"x250x7759	199.39	773.53	A572-50	4	
	CO1c	1	LAM 1"x750x900	199.39	134.59	A572-50	1	
	CO1e	8	LAM 1/2"x116x622	99.70	57.55	A572-50	17	
	CO1k	1	LAM 5/16"x350x676	62.31	14.74	A572-50	2	
	CO3a	1	LAM 10x226x524	78.56	9.30	A572-50	2	
	CO3b	1	LAM 10x202x374	78.56	5.94	A572-50	4	
			PESO CONJUNTO CO3		1720.84			
CO4 1x	CO1a	1	LAM 3/4"x625x7759	149.54	725.19	A572-50	--	
	CO1b	2	LAM 1"x250x7759	199.39	773.53	A572-50	--	
	CO1e	9	LAM 1/2"x116x622	99.70	64.74	A572-50	--	
	CO1k	1	LAM 5/16"x350x676	62.31	14.74	A572-50	--	
	CO2a	1	LAM 1"x750x900	199.39	134.59	A572-50	1	
	CO3a	1	LAM 10x226x524	78.56	9.30	A572-50	--	
	CO3b	3	LAM 10x202x374	78.56	17.81	A572-50	--	
			PESO CONJUNTO CO4		1739.90			
PESO TOTAL PLANO 3886.20								

MOD.	FECHA	DESCRIPCION	FIRMA
1	05-01-2024	LO INDICADO	--
0	28-12-2023	Emitido para la fabricación	--

Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

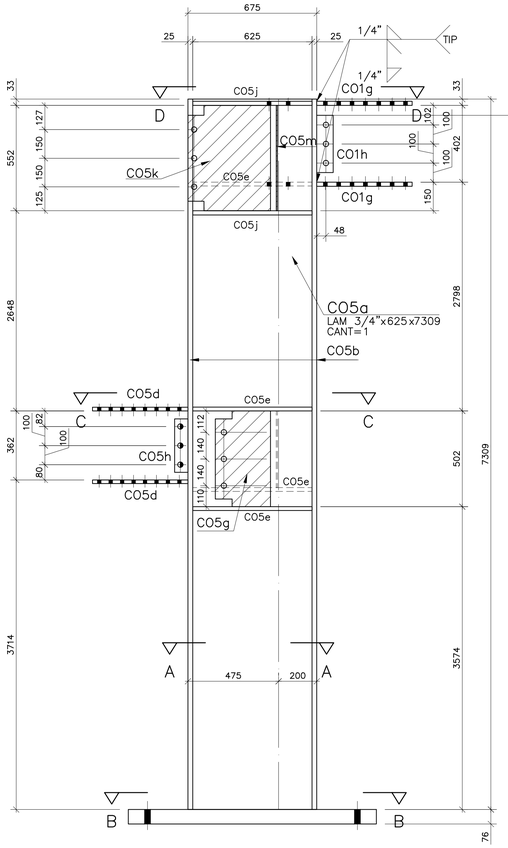
COLUMNAS CO3 y CO4

FABRICACION Y MONTAJES JAES S.A.S.

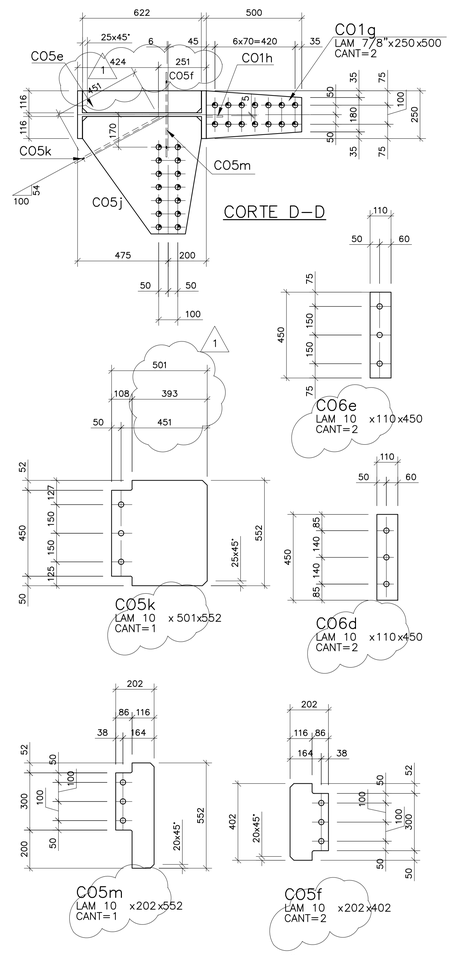
DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:15
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			28.12.2023
FABRICO:			
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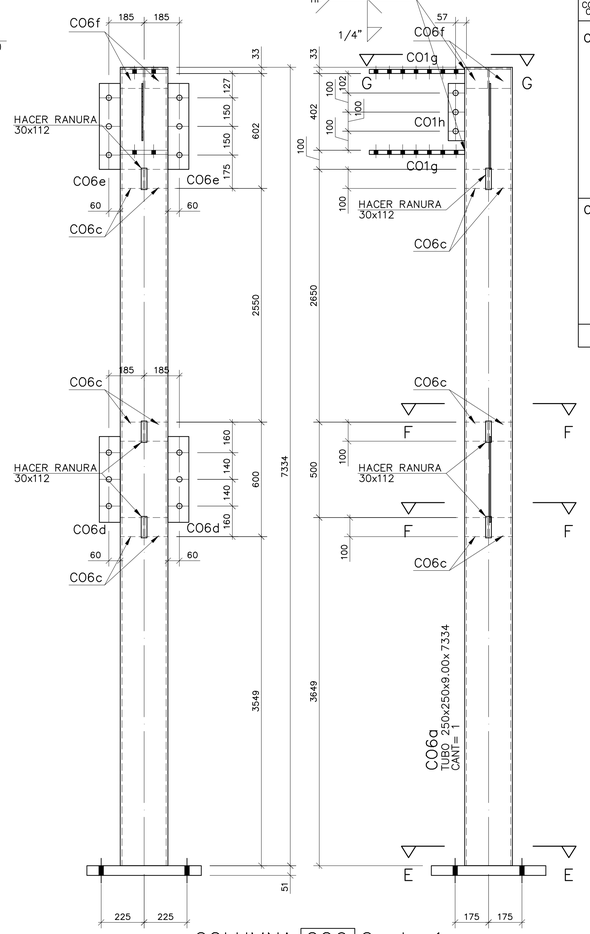
LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO kg/m	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
C05 1x	C01g	2	LAM 7/8"x250x500	174.47	43.62	A572–50	4	
	C01h	1	LAM 10x86x300	78.56	2.03	A572–50	2	
	C05a	1	LAM 3/4"x625x7309	149.54	683.13	A572–50	1	
	C05b	2	LAM 1"x250x7309	199.39	728.67	A572–50	2	
	C05c	1	LAM 3"x800x1300	598.17	622.10	A572–50	1	
	C05d	2	LAM 3/4"x250x500	149.54	37.39	A572–50	2	
	C05e	6	LAM 3/4"x116x622	149.54	64.74	A572–50	6	
	C05f	2	LAM 10x202x402	78.56	12.76	A572–50	2	
	C05g	1	LAM 10x332x502	78.56	13.09	A572–50	1	
	C05h	1	LAM 1/4"x70x280	49.85	0.98	A572–50	1	
	C05j	2	LAM 7/8"x616x622	174.47	133.69	A572–50	2	
	C05k	1	LAM 10x501x552	78.56	21.73	A572–50	1	
	C05m	1	LAM 10x202x552	78.56	8.76	A572–50	1	
			PESO CONJUNTO C05		2372.67			
C06 1x	C01g	2	LAM 7/8"x250x500	174.47	43.62	A572–50	--	
	C01h	1	LAM 10x86x300	78.56	2.03	A572–50	--	
	C06a	1	TUBO 250x250x9.00x7334	66.47	487.49	ASTM–A500–GrC	1	
	C06b	1	LAM 2"x600x600	398.78	143.56	A572–50	1	
	C06c	12	LAM 1/4"x100x170	49.85	10.17	A572–50	12	
	C06d	2	LAM 10x110x450	78.56	7.78	A572–50	2	
	C06e	2	LAM 10x110x450	78.56	7.78	A572–50	2	
	C06f	4	LAM 1/4"x100x144	49.85	2.87	A572–50	4	
	C06g	1	LAM 1/4"x230x230	49.85	2.64	A572–50	1	
			PESO CONJUNTO C06		707.93			
PESO TOTAL PLANO 3080.60								

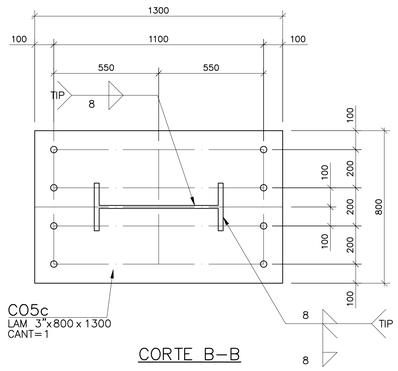


COLUMNA C05 Cant= 1

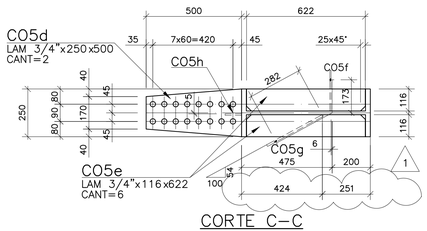




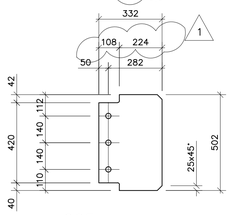
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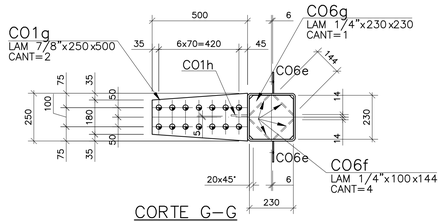


CORTE B–B

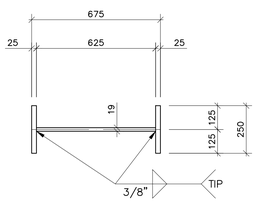


CORTE C–C

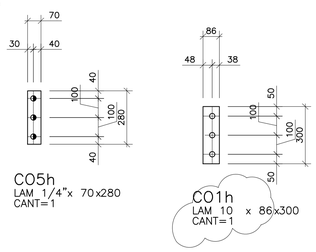


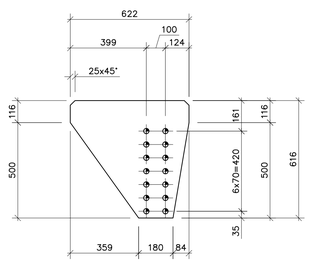


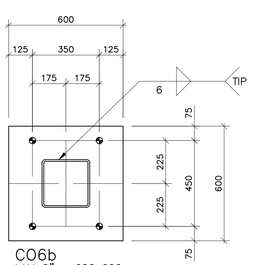
CORTE G–G



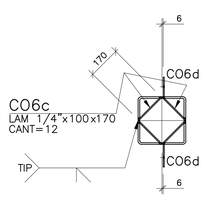
CORTE A–A







CORTE E–E



CORTE F–F

CONVENCIONES

+ HCOS ø7/16" ⊕ HCOS ø11/16" ⊕ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ⊕ HCOS ø1–1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
1	18–01–2024	Lo indicado	–
0	28–12–2023	Emitido para la fabricación	–

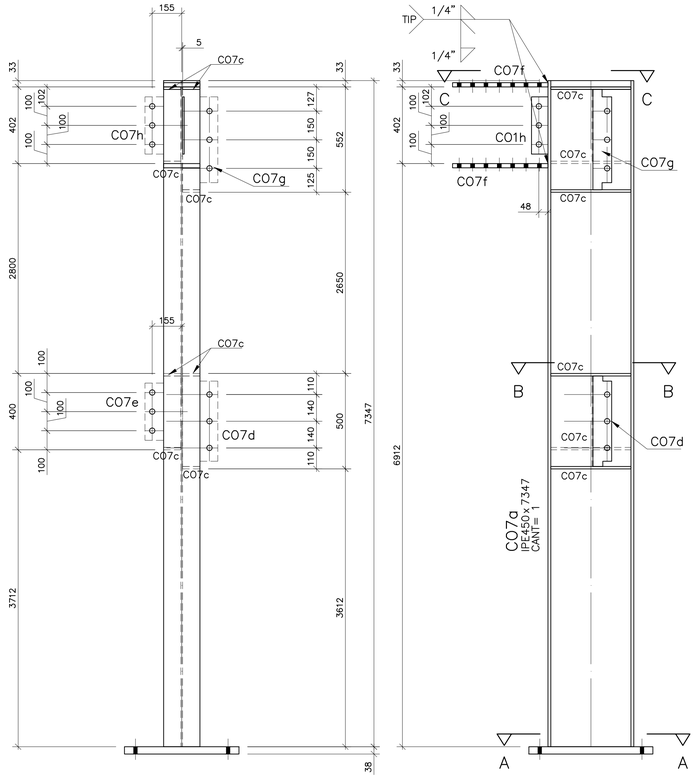
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

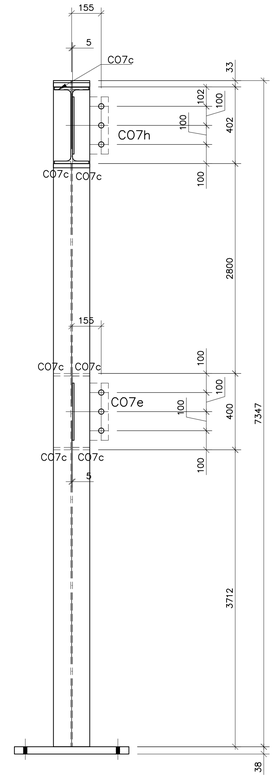
Soacha, Cundinamarca Etapa 1 Ciudad Verde

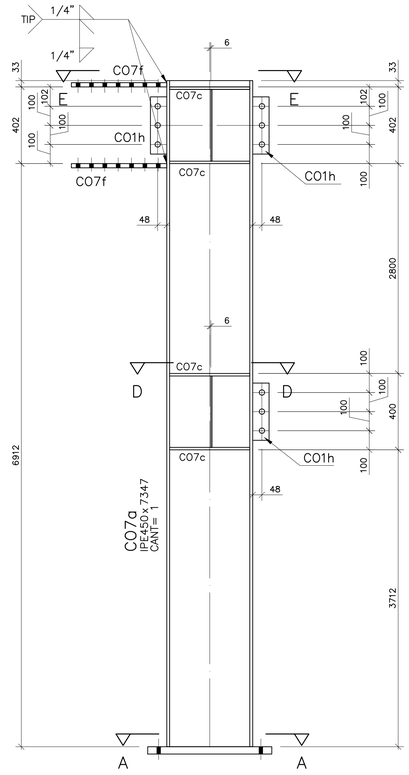
COLUMNAS C05-C06

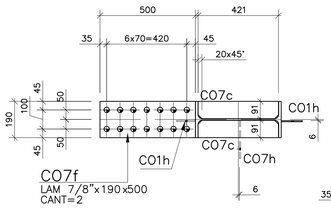
FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	ESCALA : 1:15
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			28.12.2023
FABRICO:		OBRA No: ––	ARCHIVO CAD: UE1–T05–1.dwg
NOTAS:		REVISION No: 1	PL No. UE1–T05

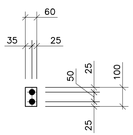


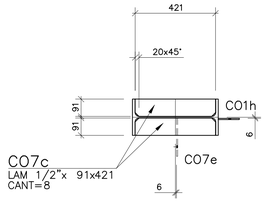




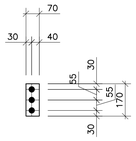


CORTE E–E



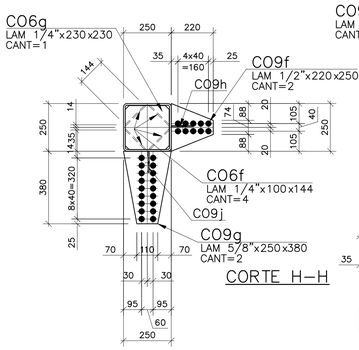


CORTE D–D

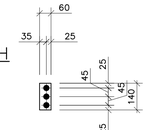


C09h
LAM 1/4"x 60x100
CANT=1

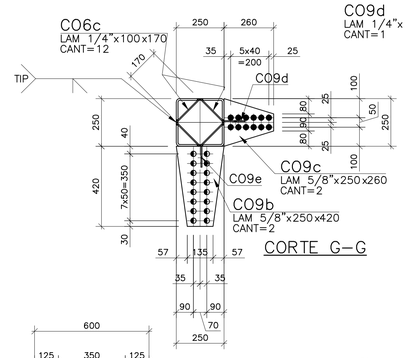
C09j
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CANT=1



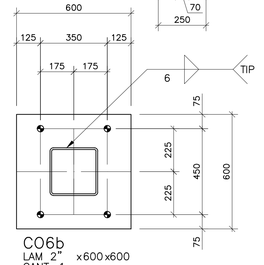
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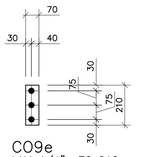
C09d
LAM 1/4"x 60x140
CANT=1



CORTE G–G



CORTE F–F

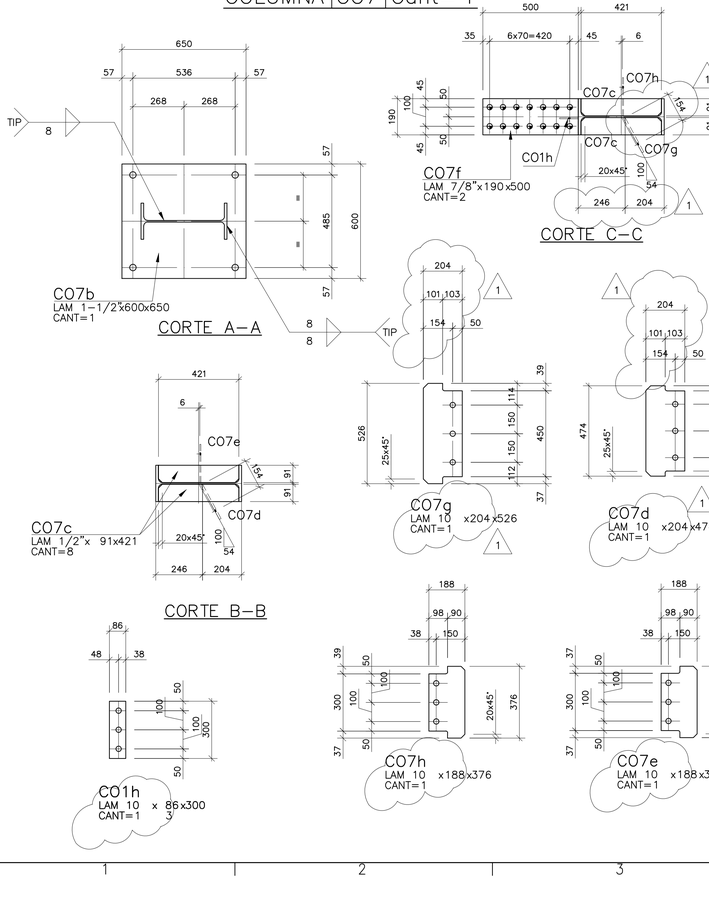


C09e
LAM 1/4"x 70x210
CANT=1

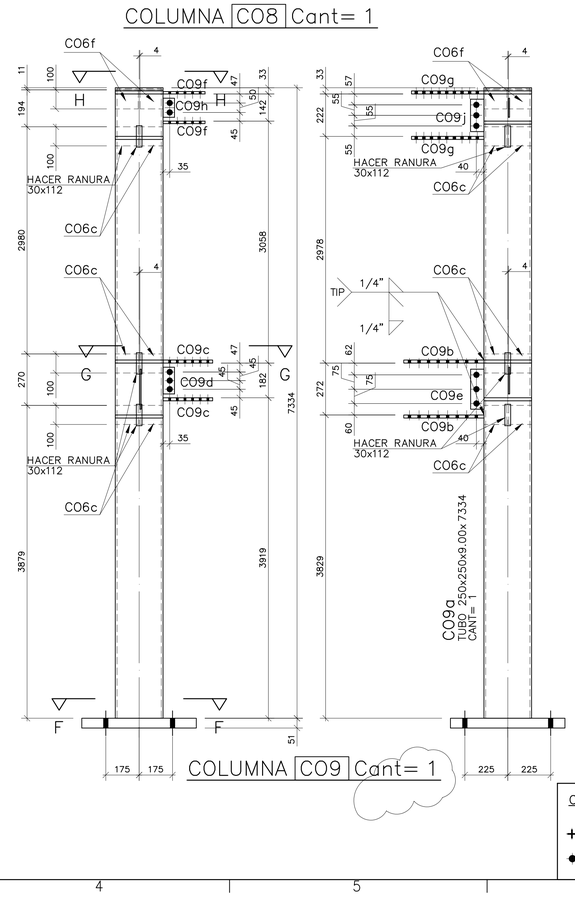
LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO kg/m	PESO TOTAL kg	ESPECIFICACION	CANT TOTAL PLANO	OBSERV
CO7	C01h	1	LAM 10x86x300	78.56	2.03	A572–50	4	
1x	C07a	1	IPE450x7347	77.60	570.13	A572–50	2	
	C07b	1	LAM 1–1/2"x600x650	299.09	116.64	A572–50	2	
	C07c	8	LAM 1/2"x91x421	99.70	30.56	A572–50	16	
	C07d	1	LAM 10x204x474	78.56	7.60	A572–50	1	
	C07e	1	LAM 10x188x374	78.56	5.52	A572–50	2	
	C07f	2	LAM 7/8"x190x500	174.47	33.15	A572–50	4	
	C07g	1	LAM 10x204x526	78.56	8.43	A572–50	1	
	C07h	1	LAM 10x188x376	78.56	5.55	A572–50	2	
			PESO CONJUNTO CO7		779.60			
CO8	C01h	3	LAM 10x86x300	78.56	6.08	A572–50	––	
1x	C07a	1	IPE450x7347	77.60	570.13	A572–50	––	
	C07b	1	LAM 1–1/2"x600x650	299.09	116.64	A572–50	––	
	C07c	8	LAM 1/2"x91x421	99.70	30.56	A572–50	––	
	C07e	1	LAM 10x188x374	78.56	5.52	A572–50	––	
	C07f	2	LAM 7/8"x190x500	174.47	33.15	A572–50	––	
	C07h	1	LAM 10x188x376	78.56	5.55	A572–50	––	
			PESO CONJUNTO CO8		767.63			
CO9	C06b	1	LAM 2"x600x600	398.78	143.56	A572–50	1	
1x	C06c	12	LAM 1/4"x100x170	49.85	10.17	A572–50	12	
	C06f	4	LAM 1/4"x100x144	49.85	2.87	A572–50	4	
	C06g	1	LAM 1/4"x230x230	49.85	2.64	A572–50	1	
	C09a	1	TUBO 250x250x9.00x7334	66.47	487.49	ASTM–A500–Gr.C	1	
	C09b	2	LAM 5/8"x250x420	124.62	26.17	A572–50	2	
	C09c	2	LAM 5/8"x250x260	124.62	16.20	A572–50	2	
	C09d	1	LAM 1/4"x60x140	49.85	0.42	A572–50	1	
	C09e	1	LAM 1/4"x70x210	49.85	0.73	A572–50	1	
	C09f	2	LAM 1/2"x220x250	99.70	10.97	A572–50	2	
	C09g	2	LAM 5/8"x250x380	124.62	23.68	A572–50	2	
	C09h	1	LAM 1/4"x60x100	49.85	0.30	A572–50	1	
	C09j	1	LAM 1/4"x70x170	49.85	0.59	A572–50	1	
			PESO CONJUNTO CO9		725.79			
PESO TOTAL PLANO 2273.02								

COLUMNA CO7 Cant= 1



COLUMNA CO8 Cant= 1



COLUMNA CO9 Cant= 1

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◈ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ◈ HCOS ø1–1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
1	18–01–2024	Lo indicado	–
0	05–01–2024	Emitido para la fabricación	–

Centro Industrial y de Desarrollo Empresarial (CIDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

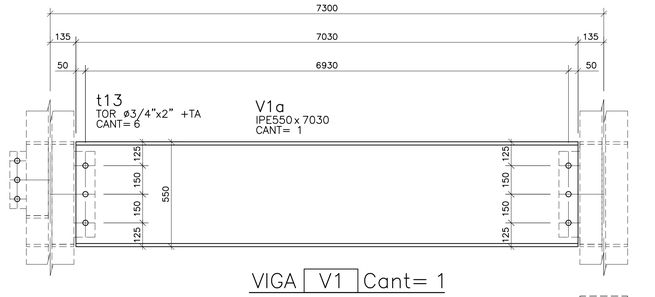
COLUMNAS CO7-CO8-co9

FABRICACION Y MONTAJES JAES S.A.S.

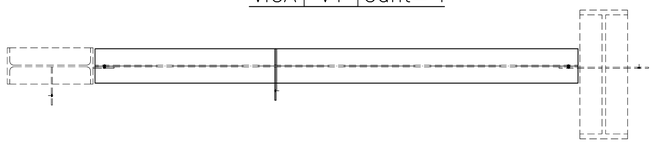
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CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	
DIBUJO:	AACOSTA.L		
REVISO:			05.01.2024
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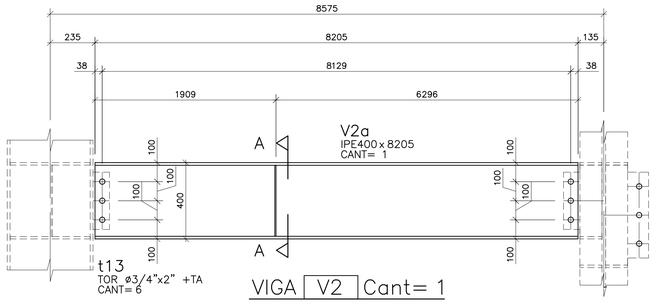
LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO kg/m	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
V1 1x	V1a	1	IPE550x7030	106.00	745.18	A572–50	1	
			PESO CONJUNTO V1		745.18			
V2 1x	V2a	1	IPE400x8205	66.30	543.99	A572–50	1	
	V2b	1	LAM 1/4"x86x371	49.85	1.59	A36	8	
	V2c	1	LAM 1/4"x156x371	49.85	2.88	A36	1	
			PESO CONJUNTO V2		548.47			
V3 1x	V2b	1	LAM 1/4"x86x371	49.85	1.59	A36	--	
	V3a	1	IPE400x5269	66.30	349.33	A572–50	1	
	V3b	1	LAM 1/4"x146x371	49.85	2.70	A36	1	
			PESO CONJUNTO V3		353.63			
V4 1x	V4a	1	IPE500x6274	90.70	569.05	A572–50	1	
			PESO CONJUNTO V4		569.05			
V5 1x	V5a	1	IPE500x6339	90.70	574.95	A572–50	1	
	V5b	1	LAM 1/4"x178x466	49.85	4.13	A572–50	1	
	V5c	1	LAM 1/4"x95x466	49.85	2.21	A572–50	1	
			PESO CONJUNTO V5		581.29			
V6 2x	V6a	1	IPE400x2100	66.30	139.23	A572–50	2	
			PESO CONJUNTO V6		139.23			
			PESO 2 CONJUNTOS		278.46			
V7 1x	V2b	6	LAM 1/4"x86x371	49.85	9.54	A36	--	
	V7a	1	IPE400x7030	66.30	466.09	A572–50	1	
	V7b	2	LAM 1/4"x156x371	49.85	5.77	A36	2	
	V7c	1	LAM 1"x516x1531	199.39	157.52	A36	1	
	V7d	1	LAM 1"x489x1357	199.39	132.31	A36	1	
			PESO CONJUNTO V7		771.23			
OTR 1x	t13	48	TOR ø3/4"x2" +TA	0.29	13.76	A490		
			PESO OTROS		13.76			
PESO TOTAL PLANO 3861.06								

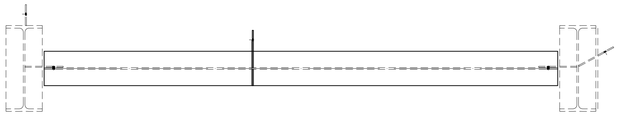


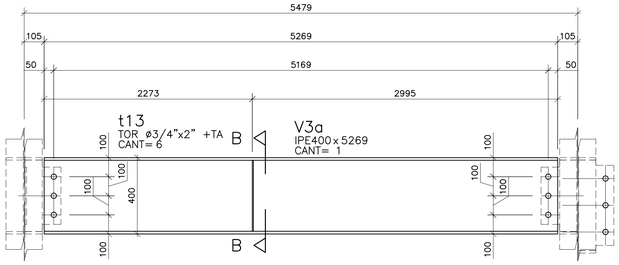
VIGA V1 Cant= 1



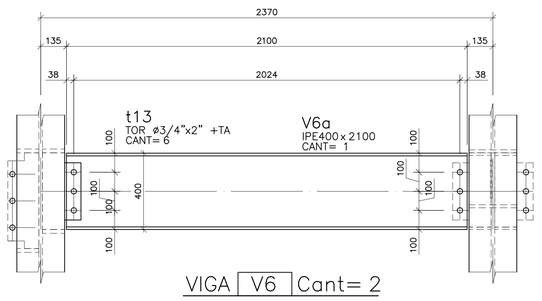


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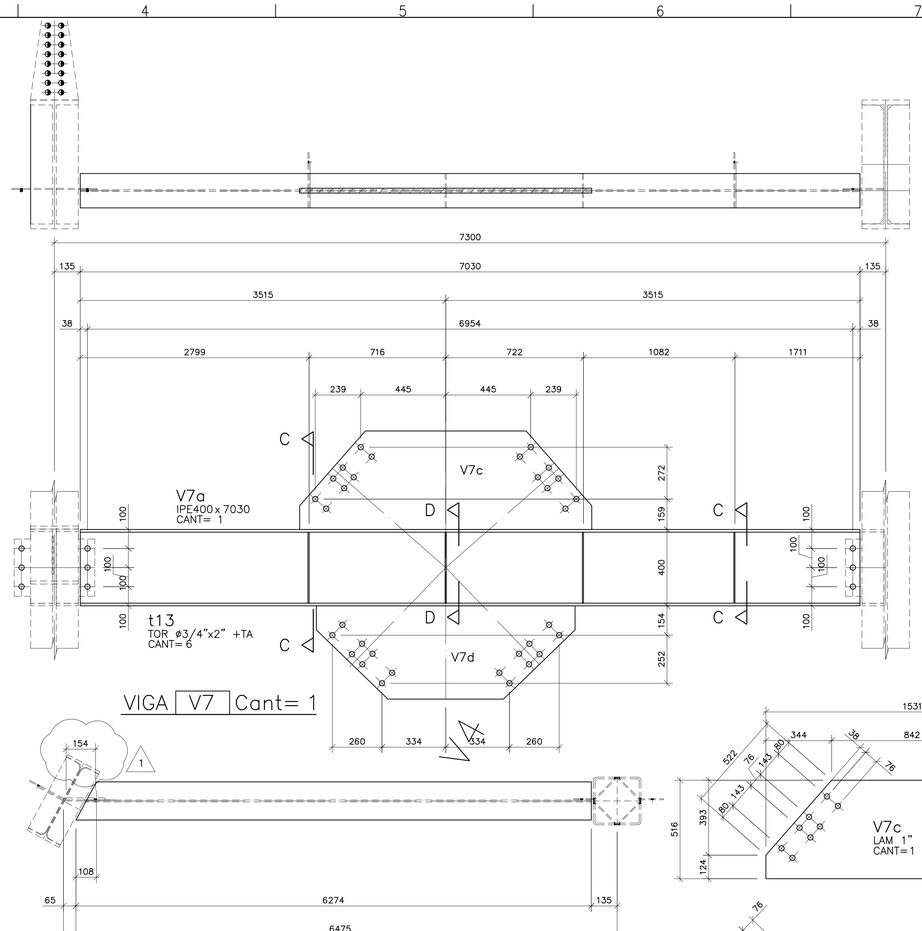




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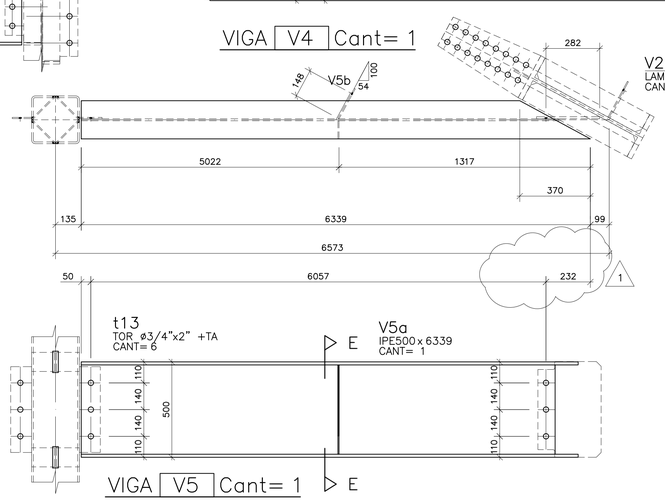


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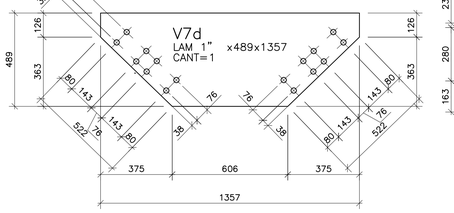


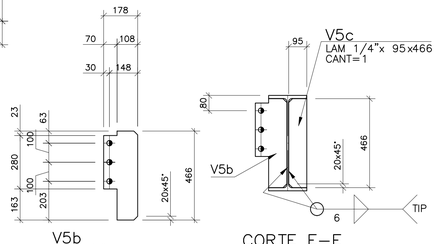
VIGA V7 Cant= 1

VIGA V4 Cant= 1

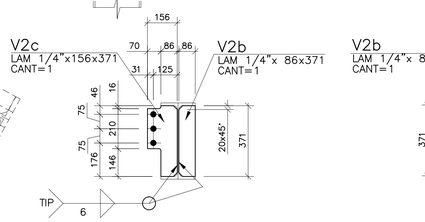


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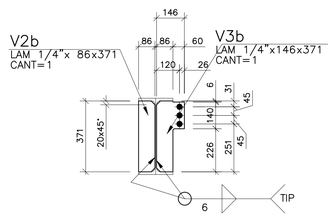




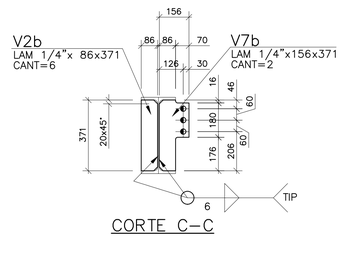
CORTE E–E



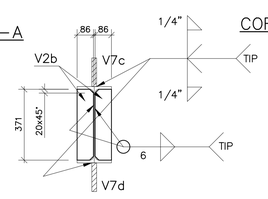
CORTE A–A



CORTE B–B



CORTE C–C



CORTE D–D

CONVENCIONES

+ HCOS ø7/16" ● HCOS ø9/16" ◑ HCOS ø11/16" ⊖ HCOS ø13/16" ◔ HCOS ø15/16" ◕ HCOS ø1–1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
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0	08–01–2024	Emitido para la fabricación	–

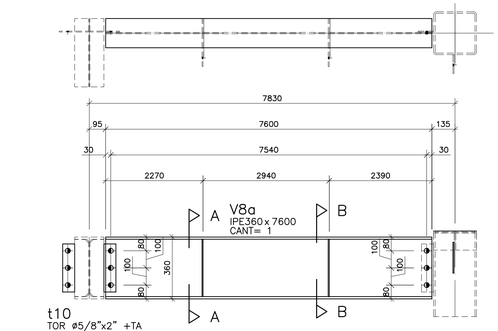
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

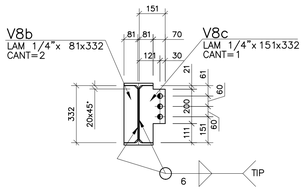
VIGAS V1 a V7

FABRICACION Y MONTAJES JAES S.A.S.

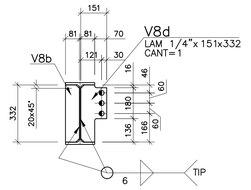
DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	ESCALA : 1:15
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DIBUJO:	A.ACOSTA.L		
REVISO:			08.01.2024
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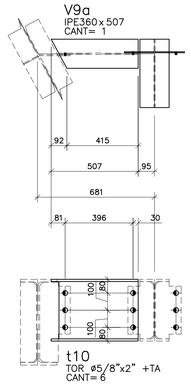
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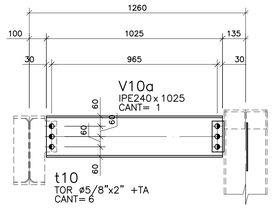
CORTE A–A



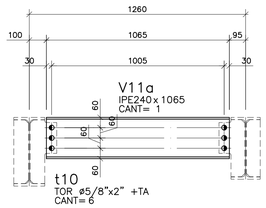
CORTE B–B



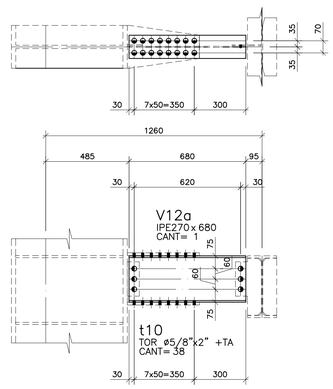
VIGA V9 Cant= 1



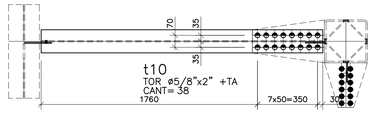
VIGA V10 Cant= 1

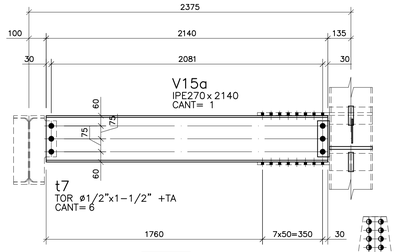


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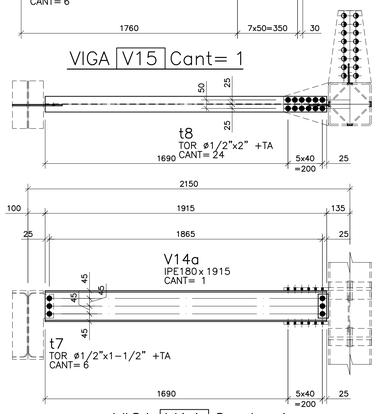


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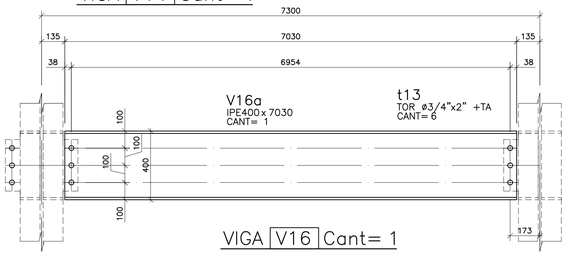




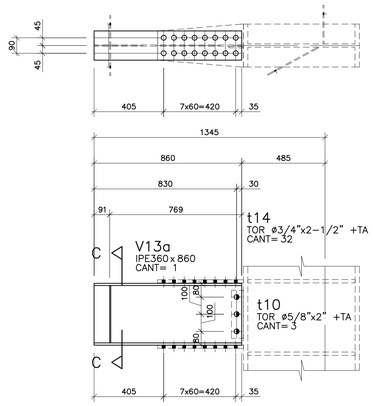
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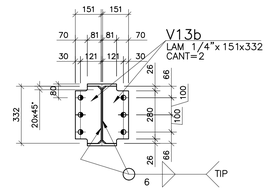
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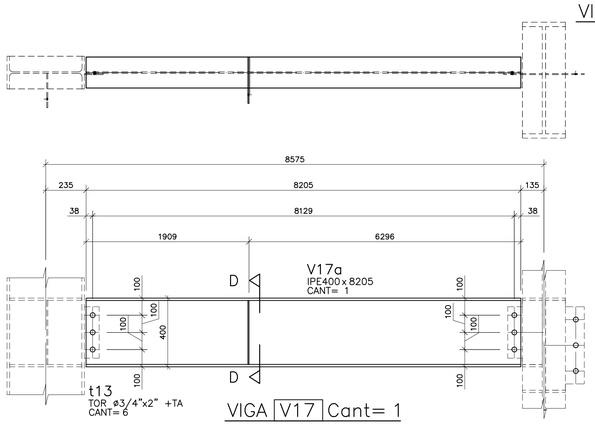
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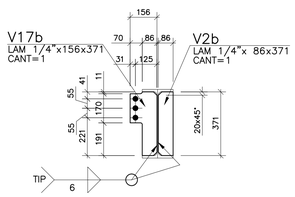
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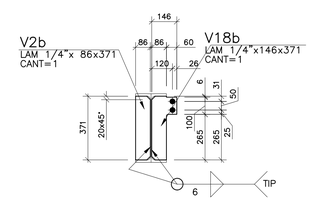
CORTE C–C



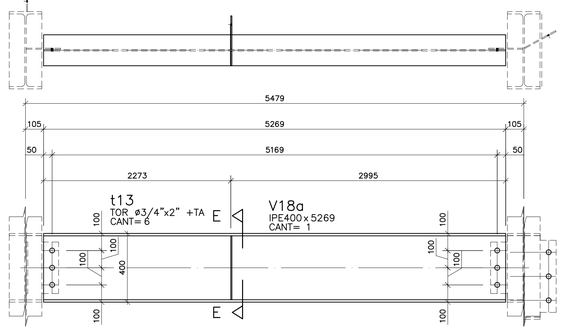
VIGA V17 Cant= 1



CORTE D–D



CORTE E–E



VIGA V18 Cant= 1

LISTA DE MATERIALES								
CONJN Cant	POS	CANT	DESCRIPCION	PESO UNIT kg/UN	PESO TOTAL kg	ESPECIFICACIÓN	CANT PLANO	OBSERV
V10 1x	V10a	1	IPE240x1025	30.70	31.47	A572–50	1	
			PESO CONJUNTO V10		31.47			
V11 1x	V11a	1	IPE240x1065	30.70	32.70	A572–50	1	
			PESO CONJUNTO V11		32.70			
V12 1x	V12a	1	IPE270x680	36.10	24.55	A572–50	1	
			PESO CONJUNTO V12		24.55			
V13 1x	V13a	1	IPE360x860	57.10	49.11	A572–50	1	
	V13b	2	LAM 1/4"x151x332	49.85	5.00	A36	2	
			PESO CONJUNTO V13		54.10			
V14 1x	V14a	1	IPE180x1915	18.80	36.00	A572–50	1	
			PESO CONJUNTO V14		36.00			
V15 1x	V15a	1	IPE270x2140	36.10	77.25	A572–50	1	
			PESO CONJUNTO V15		77.25			
V16 1x	V16a	1	IPE400x7030	66.30	466.09	A572–50	1	
			PESO CONJUNTO V16		466.09			
V17 1x	V17a	1	IPE400x8205	66.30	543.99	A572–50	1	
	V17b	1	LAM 1/4"x156x371	49.85	2.88	A36	1	
	V2b	1	LAM 1/4"x86x371	49.85	1.59	A36	2	
			PESO CONJUNTO V17		548.47			
V18 1x	V18a	1	IPE400x5269	66.30	349.33	A572–50	1	
	V18b	1	LAM 1/4"x146x371	49.85	2.70	A36	1	
	V2b	1	LAM 1/4"x86x371	49.85	1.59	A36	--	
			PESO CONJUNTO V18		353.63			
V8 1x	V8a	1	IPE360x7600	57.10	433.96	A572–50	1	
	V8b	2	LAM 1/4"x81x332	49.85	2.68	A36	2	
	V8c	1	LAM 1/4"x151x332	49.85	2.50	A36	1	
	V8d	1	LAM 1/4"x151x332	49.85	2.50	A36	1	
			PESO CONJUNTO V8		441.64			
V9 1x	V9a	1	IPE360x507	57.10	28.95	A572–50	1	
			PESO CONJUNTO V9		28.95			
OTR 1x	t10	103	TOR ø5/8"x2" +TA		0.19	19.15	A490	
	t14	32	TOR ø3/4"x2–1/2" +TA		0.32	10.09	A490	
	t7	12	TOR ø1/2"x1–1/2" +TA		0.10	1.16	A490	
	t8	24	TOR ø1/2"x2" +TA		0.11	2.61	A490	
	t13	18	TOR ø3/4"x2" +TA		0.29	5.16	A490	
			PESO OTROS			38.17		
PESO TOTAL PLANO 2133.02								

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◔ HCOS ø15/16"
● HCOS ø9/16" ⊕ HCOS ø13/16" ◕ HCOS ø1–1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
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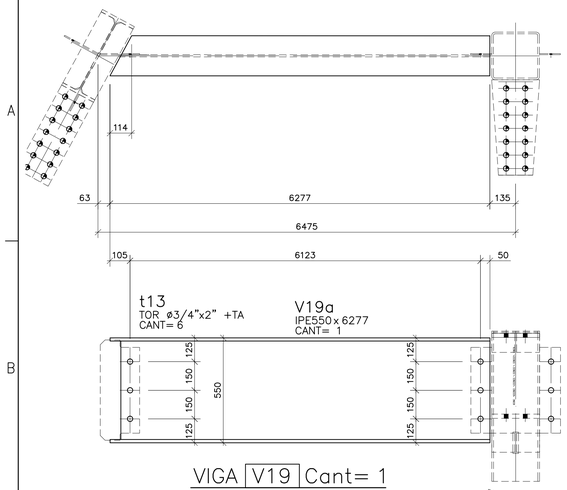
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

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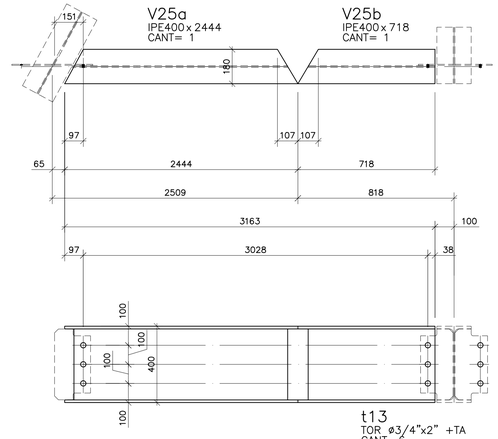
VIGAS V8 a V18

FABRICACION Y MONTAJES JAES S.A.S.

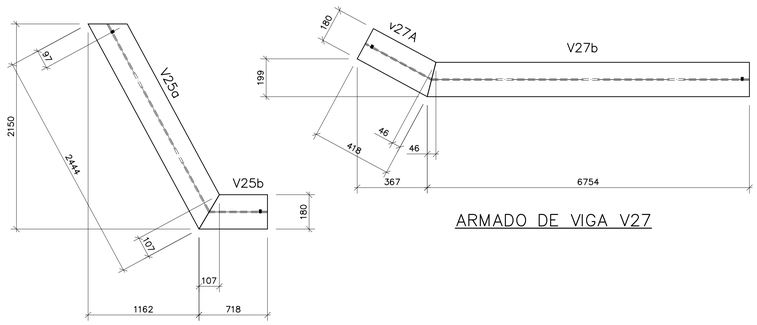
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CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			09.01.2024
FABRICO:			
NOTAS:		OBRA No: – –	ARCHIVO CAD: UE1–T08.dwg
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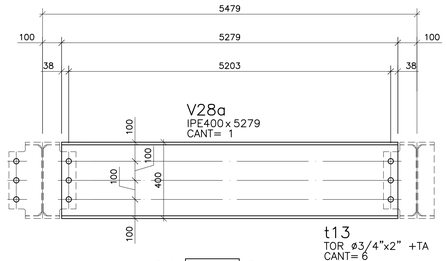


VIGA V19 Cant= 1

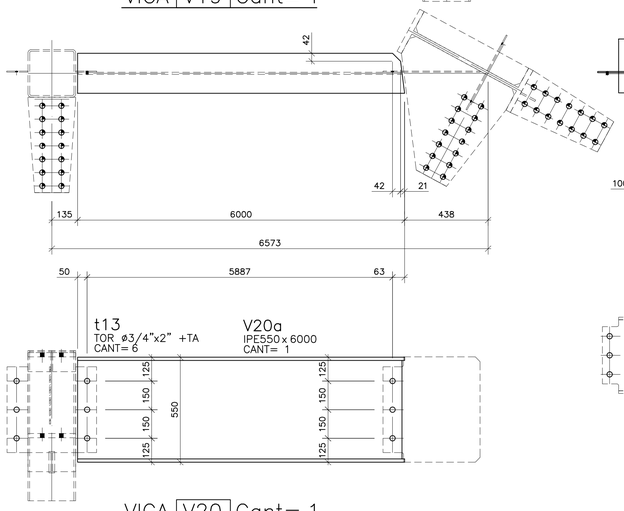


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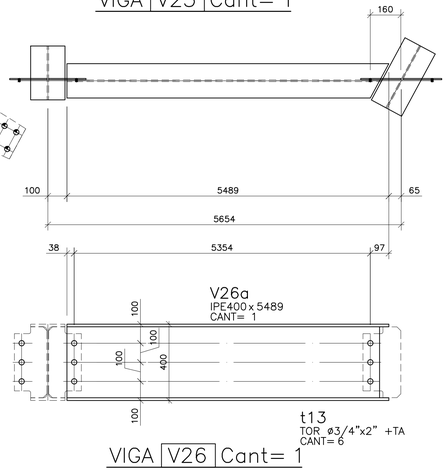




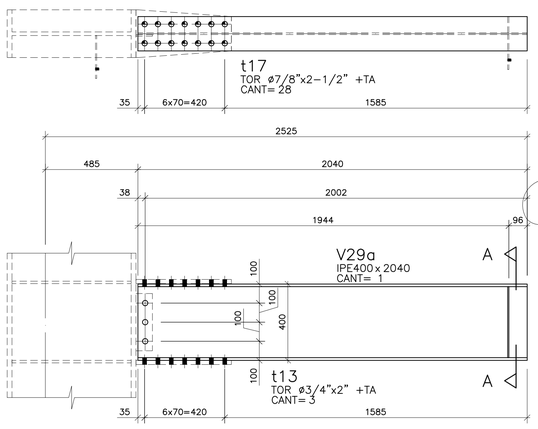
VIGA V28 Cant= 1



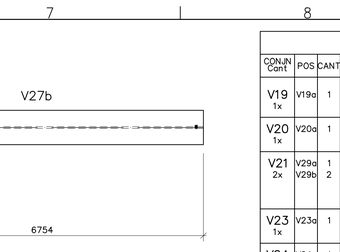
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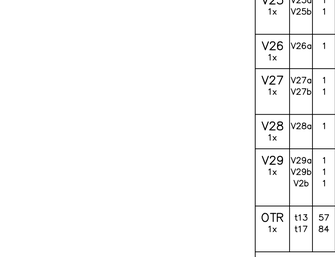
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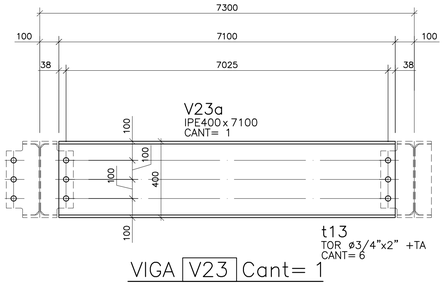
VIGA V29 Cant= 1



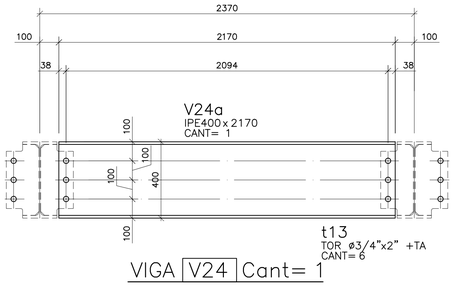
CORTE A–A



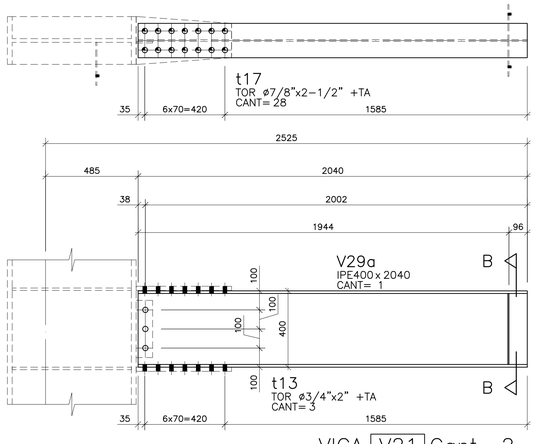
CORTE B–B



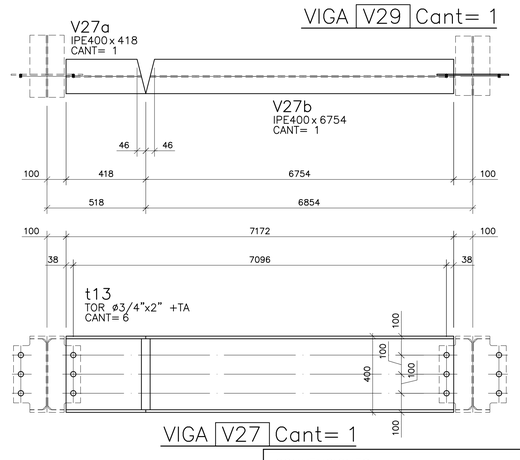
VIGA V23 Cant= 1



VIGA V24 Cant= 1



VIGA V21 Cant= 2



VIGA V27 Cant= 1

LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO kg/m	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
V19 1x	V19a	1	IPE550x6277	106.00	665.36	A572–50	1	
			PESO CONJUNTO V19		665.36			
V20 1x	V20a	1	IPE550x6000	106.00	636.00	A572–50	1	
			PESO CONJUNTO V20		636.00			
V21 2x	V29a	1	IPE400x2040	66.30	135.25	A572–50	3	
	V29b	2	LAM 10x171x371	78.56	9.97	A36	5	
			PESO CONJUNTO V21		145.22			
			PESO 2 CONJUNTOS		290.44			
V23 1x	V23a	1	IPE400x7100	66.30	470.73	A572–50	1	
			PESO CONJUNTO V23		470.73			
V24 1x	V24a	1	IPE400x2170	66.30	143.87	A572–50	1	
			PESO CONJUNTO V24		143.87			
V25 1x	V25a	1	IPE400x2444	66.30	162.04	A572–50	1	
	V25b	1	IPE400x718	66.30	47.60	A572–50	1	
			PESO CONJUNTO V25		209.64			
V26 1x	V26a	1	IPE400x5489	66.30	363.92	A572–50	1	
			PESO CONJUNTO V26		363.92			
V27 1x	V27a	1	IPE400x418	66.30	27.71	A572–50	1	
	V27b	1	IPE400x6754	66.30	447.79	A572–50	1	
			PESO CONJUNTO V27		475.50			
V28 1x	V28a	1	IPE400x5279	66.30	350.00	A572–50	1	
			PESO CONJUNTO V28		350.00			
V29 1x	V29a	1	IPE400x2040	66.30	135.25	A572–50	--	
	V29b	1	LAM 10x171x371	78.56	4.98	A36	--	
	V2b	1	LAM 1/4"x86x371	49.85	1.59	A36	1	
			PESO CONJUNTO V29		141.83			
OTR 1x	t13	57	TOR ø3/4"x2" +TA	0.29	16.34	A490		
	t17	84	TOR ø7/8"x2–1/2" +TA	0.46	38.71	A490		
			PESO OTROS		55.05			
PESO TOTAL PLANO 3802.34								

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◔ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ◕ HCOS ø1–1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
0	10–01–2024	Emitido para la fabricación	-

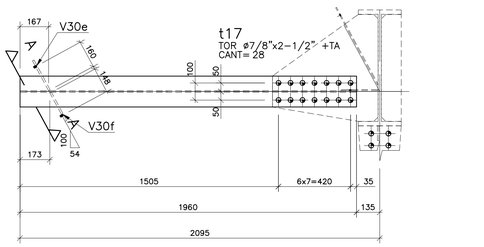
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

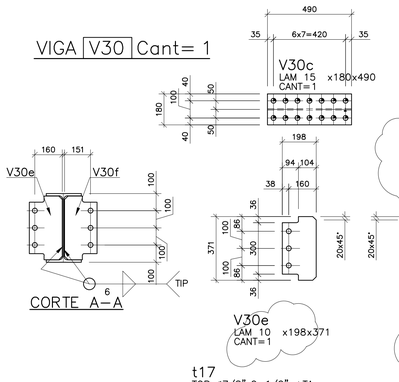
VIGAS V19 a V29

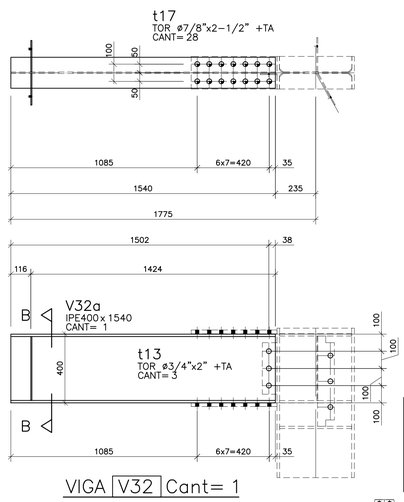
FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	ESCALA : 1:15
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			
FABRICO:			10.01.2024
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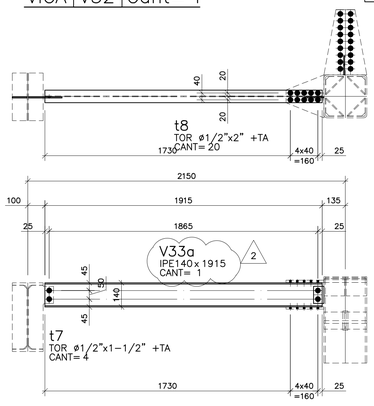


VIGA V30 Cant= 1

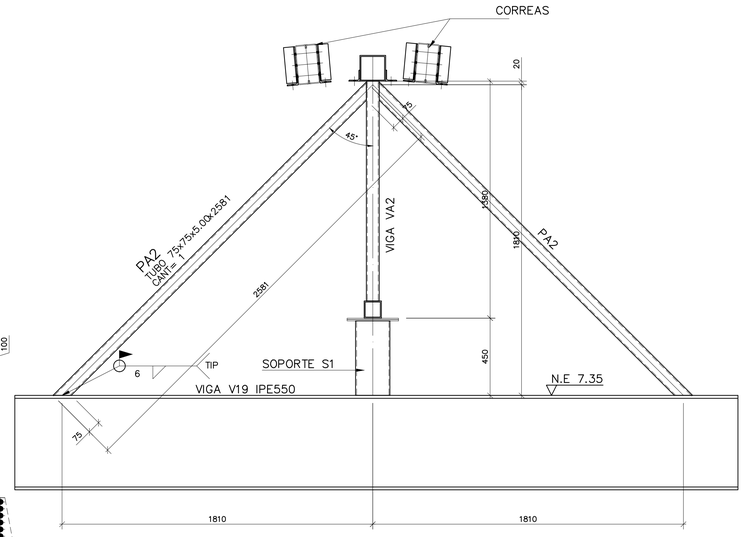




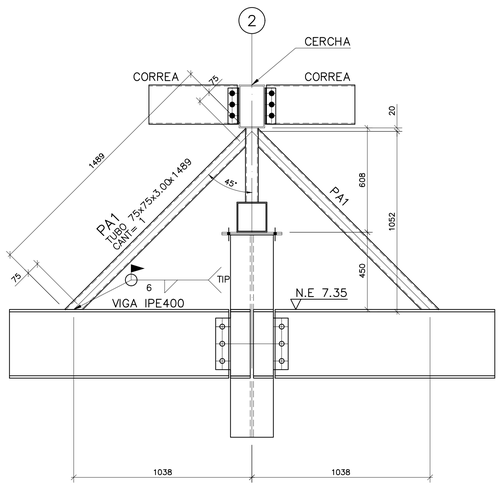
VIGA V32 Cant= 1



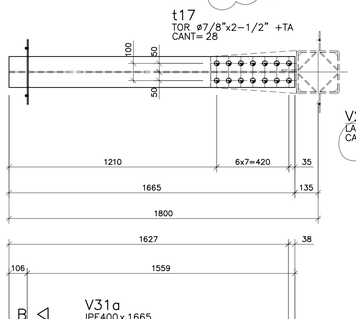
VIGA V33 Cant= 1



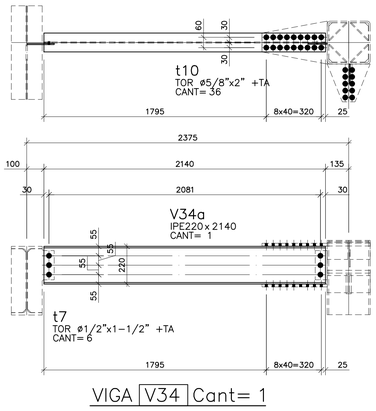
PIEDEAMIGO PA2 Cant= 2



PIEDEAMIGO PA1 Cant= 4



VIGA V31 Cant= 1



VIGA V34 Cant= 1

LISTA DE MATERIALES

CON.IN Cant	POS	CANT	DESCRIPCION	PESO ø9/16	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
PA1 4x	PA1	1	TUBO 75x75x3.00x1489	6.60	9.83	ASTM-A500-Gr.C	4	
			PESO CONJUNTO PA1		9.83			
			PESO 4 CONJUNTOS		39.31			
PA2 2x	PA2	1	TUBO 75x75x5.00x2581	10.43	26.92	ASTM-A500-Gr.C	2	
			PESO CONJUNTO PA2		25.92			
			PESO 2 CONJUNTOS		53.84			
V30 1x	V30a	1	IPE400x1960	66.30	129.95	A572-50	1	
	V30b	1	LAM 3/8"x135x625	74.77	6.31	A36	1	
	V30c	1	LAM 15x180x490	117.84	10.39	A36	1	
	V30d	1	LAM 15x180x191	117.84	4.05	A36	1	
	V30e	1	LAM 10x198x371	78.56	5.77	A36	1	
	V30f	1	LAM 10x186x371	78.56	5.42	A36	1	
			PESO CONJUNTO V30		161.89			
V31 1x	V29b	2	LAM 10x171x371	78.56	9.97	A36	4	
	V31a	1	IPE400x1665	66.30	110.39	A572-50	1	
			PESO CONJUNTO V31		120.36			
V32 1x	V29b	2	LAM 10x171x371	78.56	9.97	A36	--	
	V32a	1	IPE400x1540	66.30	102.10	A572-50	1	
			PESO CONJUNTO V32		112.07			
V33 1x	V33a	1	IPE140x1915	12.90	24.70	A572-50	1	
			PESO CONJUNTO V33		24.70			
V34 1x	V34a	1	IPE220x2140	26.20	56.07	A572-50	1	
			PESO CONJUNTO V34		56.07			
OTR 1x	t13	9	TOR ø3/4"x2" +TA	0.29	2.58	A490		
	t17	84	TOR ø7/8"x2-1/2" +TA	0.46	38.71	A490		
	t7	10	TOR ø1/2"x1-1/2" +TA	0.10	0.97	A490		
	t8	20	TOR ø1/2"x2" +TA	0.11	2.18	A490		
	t10	36	TOR ø5/8"x2" +TA	0.19	6.69	A490		
			PESO OTROS		51.13			
			PESO TOTAL PLANO		619.37			

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◔ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ◕ HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
2	13-02-2024	Lo indicado en Viga V33	--
1	18-01-2024	Lo indicado	--
0	11-01-2024	Emitido para la fabricación	--

Centro Industrial y de Desarrollo Empresarial (CIDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

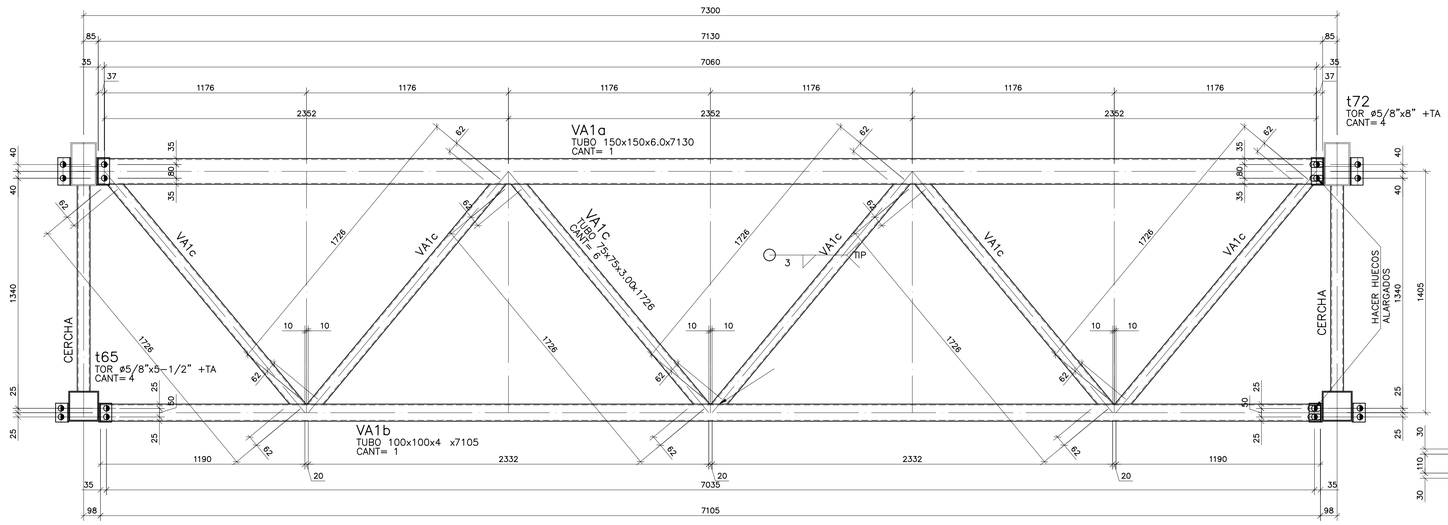
VIGAS V30 a V34 PIEDEAMIGOS PA1-PA2

FABRICACION Y MONTAJES JAES S.A.S.

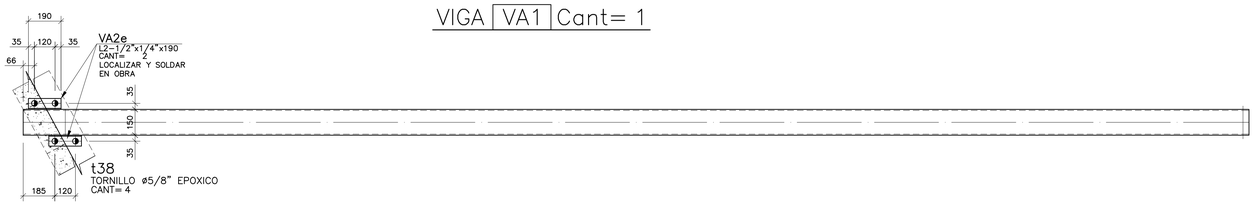
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DIBUJO:	A.ACOSTA.L		
REVISO:			
FABRICO:			11.01.2024
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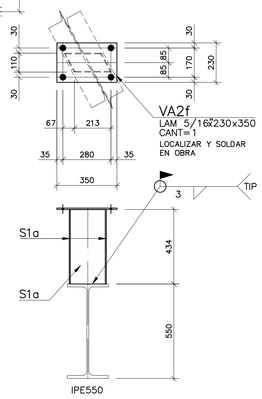
LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO UNIT kg	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
S1 1x	S1a	2	LAM 3/16"x205x434	37.39	6.65	A36	2	
	S1b	2	LAM 5/16"x114x434	62.31	6.17	A36	2	
	VA2f	1	LAM 5/16"x230x350	62.31	5.02	A36	2	
			PESO CONJUNTO S1		17.83			
VA1 1x	VA1a	1	TUBO 150x150x6.0x7130	26.40	188.23	ASTM-A500-Gr.C	1	
	VA1b	1	TUBO 100x100x4x7105	12.30	87.39	ASTM-A500-Gr.C	1	
	VA1c	6	TUBO 75x75x3.00x1726	6.60	68.35	ASTM-A500-Gr.C	6	
			PESO CONJUNTO VA1		343.97			
VA2 1x	VA2a	1	TUBO 150x150x6.0x7139	26.40	188.47	ASTM-A500-Gr.C	1	
	VA2b	1	TUBO 100x100x4x7101	12.30	87.34	ASTM-A500-Gr.C	1	
	VA2c	1	TUBO 75x75x3.00x1280	6.60	8.45	ASTM-A500-Gr.C	1	
	VA2d	6	TUBO 75x75x3.00x1697	6.60	67.20	ASTM-A500-Gr.C	6	
	VA2e	2	L2-1/2"x1/4"x190	6.10	2.32	A572-50	2	
	VA2f	1	LAM 5/16"x230x350	62.31	5.02	A36	--	
	t38	4	TORNILLO ø5/8" EPOXICO	0.80	3.20	A490	4	
			PESO CONJUNTO VA2		362.00			
OTR 1x	t65	6	TOR ø5/8"x5-1/2" +TA	0.32	1.94	A490		
	t72	6	TOR ø5/8"x8" +TA	0.42	2.53	A490		
	t8	4	TOR ø1/2"x2" +TA	0.11	0.44	A490		
			PESO OTROS		4.90			
PESO TOTAL PLANO					728.70			

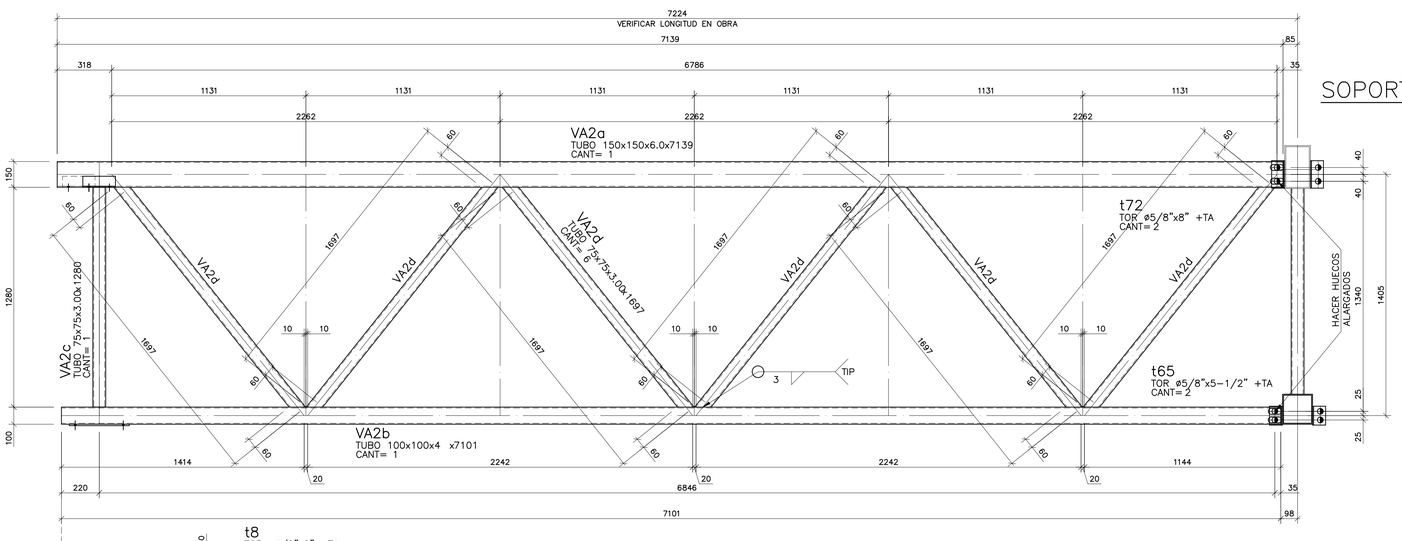


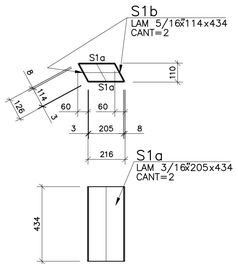
VIGA VA1 Cant= 1



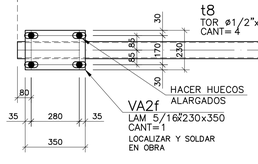


SOPORTE S1 Cant= 1





POS S1a



VIGA VA2 Cant= 1

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◔ HCOS ø15/16"
● HCOS ø9/16" ⊕ HCOS ø13/16" ◕ HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
0	11-01-2024	Emitido para la fabricación	-

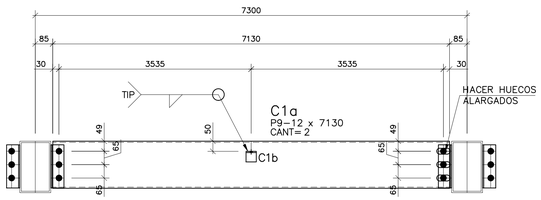
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

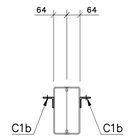
VIGAS VA1-VA2

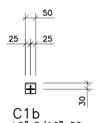
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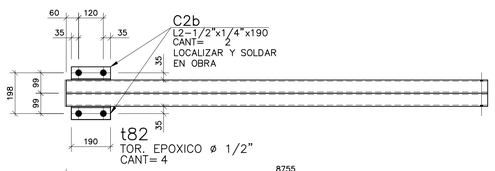
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CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			
FABRICO:			11.01.2024
NOTAS:		OBRA No: --	ARCHIVO CAD: UE1-T11.dwg
		REVISION No: 0	PL No. UE1-T11

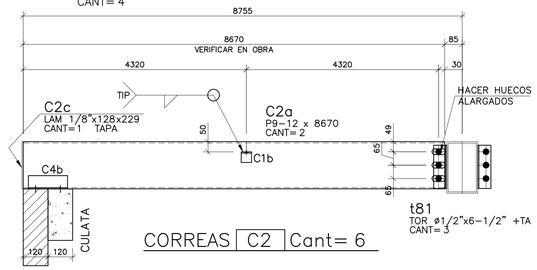


CORREAS C1 Cant= 18

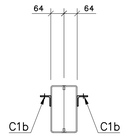


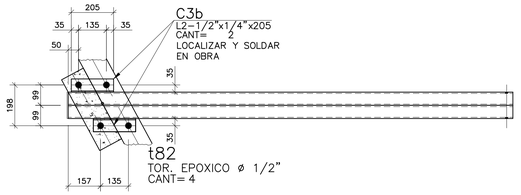


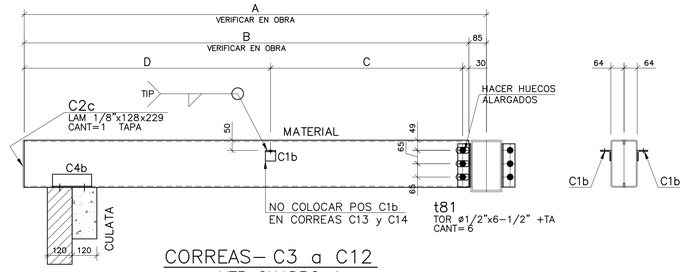




CORREAS C2 Cant= 6







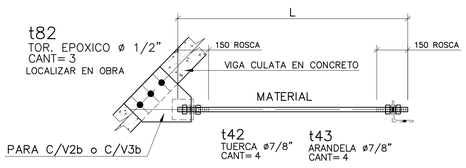
CORREAS– C3 a C12
VER CUADRO–1

CORREA	A	B	C	D	MATERIAL
CORREAS C3 Cant= 1	8385	8300	4320	3950	C3a CANT= 2 P9–12 x 8300
CORREAS C4 Cant= 1	7800	7715	4320	3365	C4a CANT= 2 P9–12 x 7715
CORREAS C5 Cant= 1	7380	7295	4320	2945	C5a CANT= 2 P9–12 x 7295
CORREAS C6 Cant= 1	7060	6975	3225	3720	C6a CANT= 2 P9–12 x 6975
CORREAS C7 Cant= 1	6605	6520	3225	3265	C7a CANT= 2 P9–12 x 6520
CORREAS C8 Cant= 1	6050	5965	3225	2710	C8a CANT= 2 P9–12 x 5965
CORREAS C9 Cant= 1	5465	5380	3225	2125	C9a CANT= 2 P9–12 x 5380
CORREAS C10 Cant= 1	4880	4795	3225	1540	C10a CANT= 2 P9–12 x 4795
CORREAS C11 Cant= 1	4295	4210	3225	955	C11a CANT= 2 P9–12 x 4210
CORREAS C12 Cant= 1	3710	3625	3225	370	C12a CANT= 2 P9–12 x 3625
CORREAS C13 Cant= 1	3125	3040	--	--	C13a CANT= 2 P9–12 x 3040
CORREAS C14 Cant= 1	2630	2545	--	--	C14a CANT= 2 P9–12 x 2545

CUADRO–1

LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO UNIT kg	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
C/V1 4x	C/V1	1	VAR ø7/8"x11000	3.05	33.50	ASTM A193 Gr. B7	4	
			PESO CONJUNTO C/V1		33.50			
			PESO 4 CONJUNTOS		134.00			
C/V2 1x	C/V2b	1	LAM 5/16"x250x296	62.31	4.61	A572–50	2	
	C/V2a	1	L4"x3/8"x100	14.58	1.46	A572–50	4	
	C/V2	1	VAR ø7/8"x11530	3.05	35.11	ASTM A193 Gr. B7	1	
	t82	3	TOR. EPOXICO ø 1/2"	0.25	0.75	A490	84	
			PESO CONJUNTO C/V2		41.93			
C/V3 1x	C/V2a	1	L4"x3/8"x100	14.58	1.46	A572–50	--	
	C/V3b	1	LAM 5/16"x250x296	62.31	4.61	A572–50	2	
	C/V3	1	VAR ø7/8"x10550	3.05	32.13	ASTM A193 Gr. B7	1	
	t82	3	TOR. EPOXICO ø 1/2"	0.25	0.75	A490	--	
			PESO CONJUNTO C/V3		38.95			
C/V4 1x	C/V2a	1	L4"x3/8"x100	14.58	1.46	A572–50	--	
	C/V3b	1	LAM 5/16"x250x296	62.31	4.61	A572–50	--	
	C/V4	1	VAR ø7/8"x8230	3.05	25.06	ASTM A193 Gr. B7	1	
	t82	3	TOR. EPOXICO ø 1/2"	0.25	0.75	A490	--	
			PESO CONJUNTO C/V4		31.88			
C/V5 1x	C/V2b	1	LAM 5/16"x250x296	62.31	4.61	A572–50	--	
	C/V2a	1	L4"x3/8"x100	14.58	1.46	A572–50	--	
	C/V5	1	VAR ø7/8"x10130	3.05	30.85	ASTM A193 Gr. B7	1	
	t82	3	TOR. EPOXICO ø 1/2"	0.25	0.75	A490	--	
			PESO CONJUNTO C/V5		37.67			
C10 1x	C10a	2	P9–12x4795	7.28	69.82	A500–C	2	
	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	68	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	18	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	24	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C10		74.41			
C11 1x	C11a	2	P9–12x4210	7.28	61.30	A500–C	2	
	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C11		65.89			
C12 1x	C12a	2	P9–12x3625	7.28	52.78	A500–C	2	
	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C12		57.37			
C13 1x	C13a	2	P9–12x3040	7.28	44.26	A500–C	2	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C13		48.49			
C14 1x	C14a	2	P9–12x2545	7.28	37.06	A500–C	2	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C14		41.29			
C1 18x	C1a	2	P9–12x7130	7.28	103.81	A500–C	36	
	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
			PESO CONJUNTO C1		104.18			
			PESO 18 CONJUNTOS		1875.16			
C2 6x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2a	2	P9–12x8670	7.28	126.24	A500–C	12	
	C2b	2	L2–1/2"x1/4"x190	6.10	2.32	A572–50	12	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C2		130.65			
			PESO 6 CONJUNTOS		783.88			
C3 1x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3a	2	P9–12x8300	7.28	120.85	A500–C	2	
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C3		125.44			
C4 1x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	C4a	2	P9–12x7715	7.28	112.33	A500–C	2	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C4		116.92			
C5 1x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	C5a	2	P9–12x7295	7.28	106.22	A500–C	2	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C5		110.81			
C6 1x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	C6a	2	P9–12x6975	7.28	101.56	A500–C	2	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C6		106.15			
C7 1x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	C7a	2	P9–12x6520	7.28	94.93	A500–C	2	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C7		99.53			



CONTRAVIENTOS C/V2 Cant= 1

CONTRAVIENTOS C/V3 Cant= 1

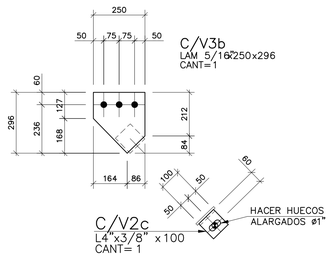
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CONTRAVIENTOS C/V5 Cant= 1

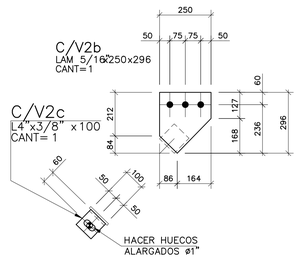
VER CUADRO–2

C/V	L	MATERIAL
C/V2	11530	C/V2 CANT= 1 VAR ø7/8" x 11530
C/V3	10550	C/V3 CANT= 1 VAR ø7/8" x 10550
C/V4	8230	C/V4 CANT= 1 VAR ø7/8" x 8230
C/V5	10130	C/V5 CANT= 1 VAR ø7/8" x 10130

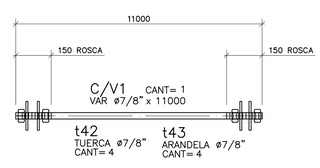
CUADRO–2



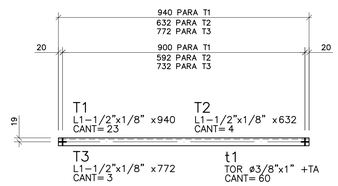
POS C/V3b Cant=2
PARA C/V3 y C/V4



POS C/V2b Cant=2
PARA C/V2 y C/V5



CONTRAVIENTOS C/V1 Cant= 4



TEMPLETE T Cant= 1

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◈ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ◆ HCOS ø1–1/16"

LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO UNIT kg	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
C8 1x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	C8a	2	P9–12x5965	7.28	86.85	A500–C	2	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C8		91.44			
C9 1x	C1b	2	L2"x3/16"x50	3.63	0.36	A572–50	--	
	C2c	1	LAM 1/8"x128x229	24.92	0.73	A572–50	--	TAPA
	C3b	2	L2–1/2"x1/4"x205	6.10	2.50	A572–50	--	
	C9a	2	P9–12x5380	7.28	78.33	A500–C	2	
	t82	4	TOR. EPOXICO ø 1/2"	0.25	1.00	A490	--	
			PESO CONJUNTO C9		82.93			
T 1x	T1	23	L1–1/2"x1/8"x940	1.83	39.56	A572–50	23	
	T2	4	L1–1/2"x1/8"x632	1.83	4.63	A572–50	4	
	T3	3	L1–1/2"x1/8"x772	1.83	4.24	A572–50	3	
			PESO CONJUNTO T		48.43			
OTR 1x	t42	32	TUERCA ø7/8"	0.14	4.58	A490		
	t43	32	ARANDELA ø7/8"	0.05	1.57	A490		
	t81	216	TOR ø1/2"x6–1/2" +TA	0.23	49.26	A490		
	t1	60	TOR ø3/8"x1" +TA	0.03	1.68	A490		
			PESO OTROS		57.08			
PESO TOTAL PLANO 4069.67								

0	12–01–2024	Emitido para la fabricación	–
MOD.	FECHA	DESCRIPCION	FIRMA

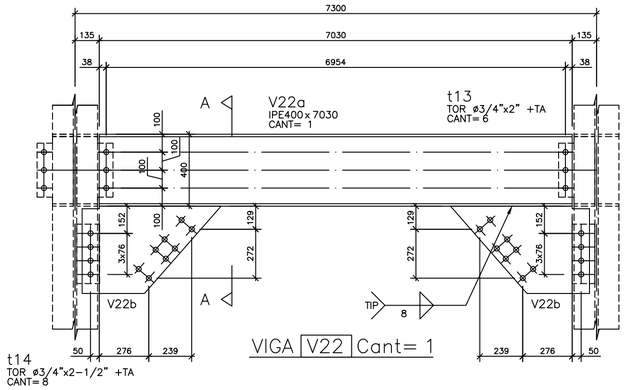
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Soacha, Cundinamarca Etapa 1 Ciudad Verde

CORREAS-TEMPLETES-C/VIENTOS

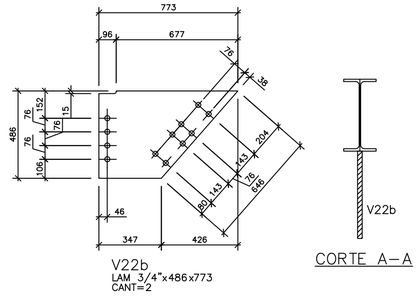
FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	ESCALA : 1:12.5
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202–142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			12.01.2024
FABRICO:			
NOTAS:		OBRA No: --	ARCHIVO CAD: UE1–T12.dwg
		REVISION No: 0	PL No. UE1–T12



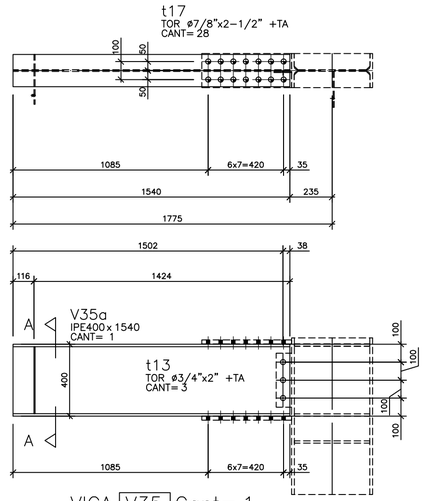
VIGA V22 Cant= 1

t14
TOR ø3/4"x2-1/2" +TA
CANT= 8

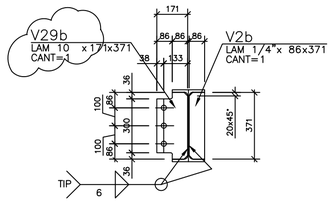


V22b
LAM 3/4"x486x773
CANT=2

CORTE A-A

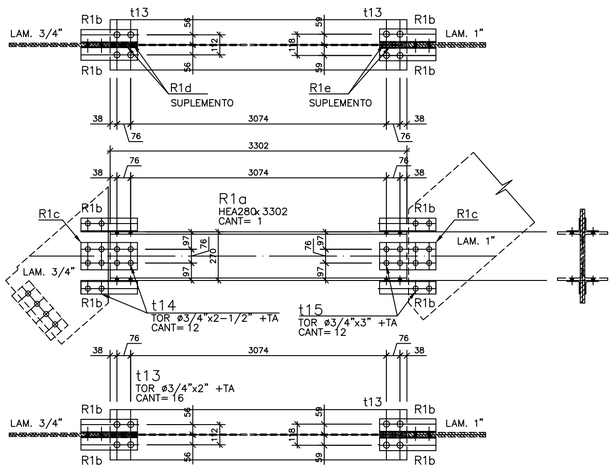


VIGA V35 Cant= 1

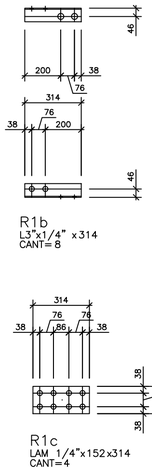


CORTE A-A

LISTA DE MATERIALES								
CONJN Cant	POS	CANT	DESCRIPCION	PESO Kg/UN	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
R1 2x	R1a	1	HEA280x3302	76.40	252.27	A572-50	2	
	R1b	8	L3"x1/4"x314	7.29	18.31	A572-50	32	
	R1c	4	LAM 1/4"x152x314	49.85	9.52	A572-50	16	
	R1d	2	LAM 1/4"x152x152	49.85	2.30	A572-50	8	
	R1e	2	LAM 5/16"x152x152	62.31	2.88	A572-50	8	
			PESO CONJUNTO R1		285.28			
			PESO 2 CONJUNTOS		570.57			
R2 2x	R1b	8	L3"x1/4"x314	7.29	18.31	A572-50	--	
	R1c	4	LAM 1/4"x152x314	49.85	9.52	A572-50	--	
	R1d	2	LAM 1/4"x152x152	49.85	2.30	A572-50	--	
	R1e	2	LAM 5/16"x152x152	62.31	2.88	A572-50	--	
	R2a	1	HEA280x4075	76.40	311.33	A572-50	2	
			PESO CONJUNTO R2		344.34			
			PESO 2 CONJUNTOS		688.68			
V22 1x	V22a	1	IPE400x7030	66.30	466.09	A572-50	1	
	V22b	2	LAM 3/4"x486x773	149.54	112.36	A572-50	2	
			PESO CONJUNTO V22		578.45			
V35 1x	V29b	1	LAM 10x171x371	78.56	4.98	A36	1	
	V2b	1	LAM 1/4"x86x371	49.85	1.59	A36	1	
	V35a	1	IPE400x1540	66.30	102.10	A572-50	1	
			PESO CONJUNTO V35		108.68			
OTR 1x	t13	73	TOR ø3/4"x2" +TA	0.29	20.93	A490		
	t14	56	TOR ø3/4"x2-1/2" +TA	0.32	17.65	A490		
	t15	48	TOR ø3/4"x3" +TA	0.34	16.48	A490		
	t17	28	TOR ø7/8"x2-1/2" +TA	0.46	12.90	A490		
			PESO OTROS		67.97			
PESO TOTAL PLANO 2014.34								

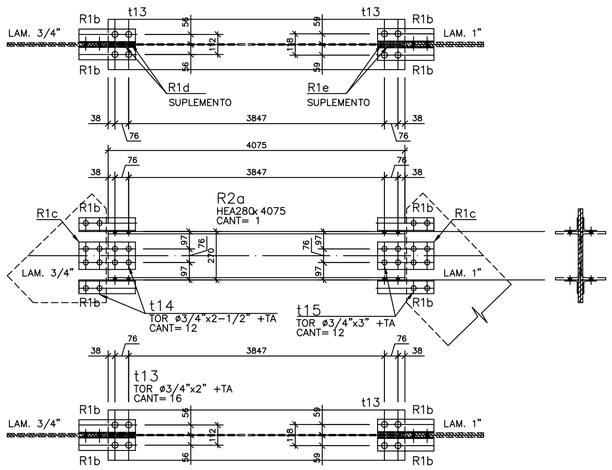


RIOSTRA R1 Cant= 2

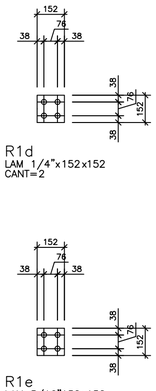


R1b
L3"x1/4" x314
CANT= 8

R1c
LAM 1/4"x152x314
CANT=4



RIOSTRA R2 Cant= 2



R1d
LAM 1/4"x152x152
CANT=2

R1e
LAM 5/16"x152x152
CANT=2

CONVENCIONES

+ HCOS ø7/16" ✦ HCOS ø11/16" ✦ HCOS ø15/16"
✦ HCOS ø9/16" ✦ HCOS ø13/16" ✦ HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
0	12-01-2024	Emitido para la fabricación	-

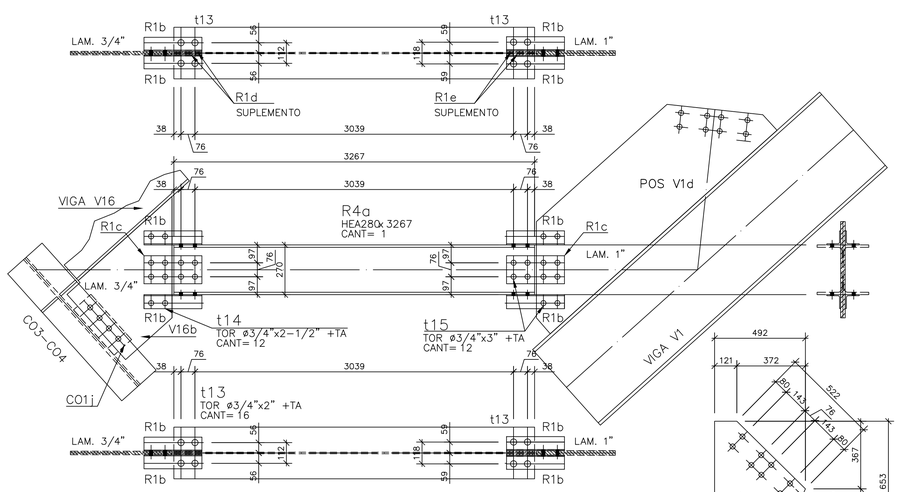
Centro Industrial y de Desarrollo Empresarial (CIDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

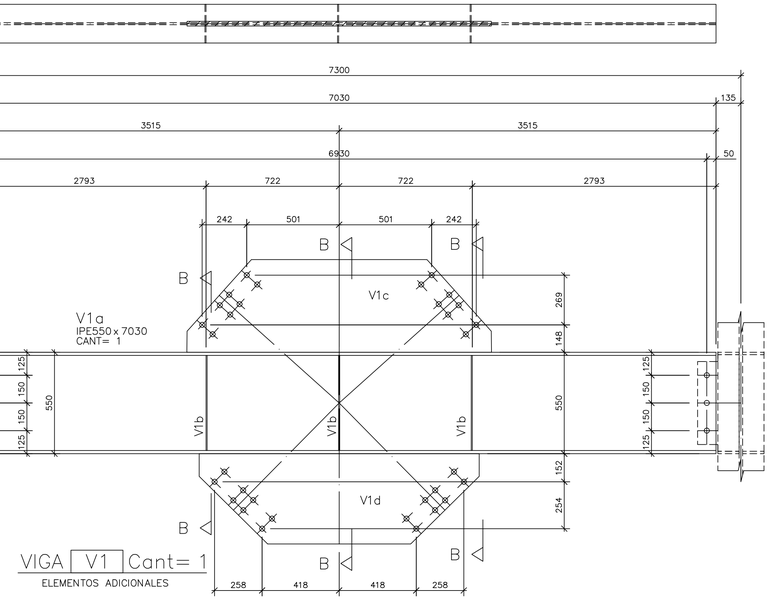
VIGAS V22-V35-RIOSTRAS R1 y R2

FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:15
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			12.01.2024
FABRICO:		OBRA No: --	ARCHIVO CAD: UE1-T13.dwg
NOTAS:		REVISION No: 0	PL No. UE1-T13

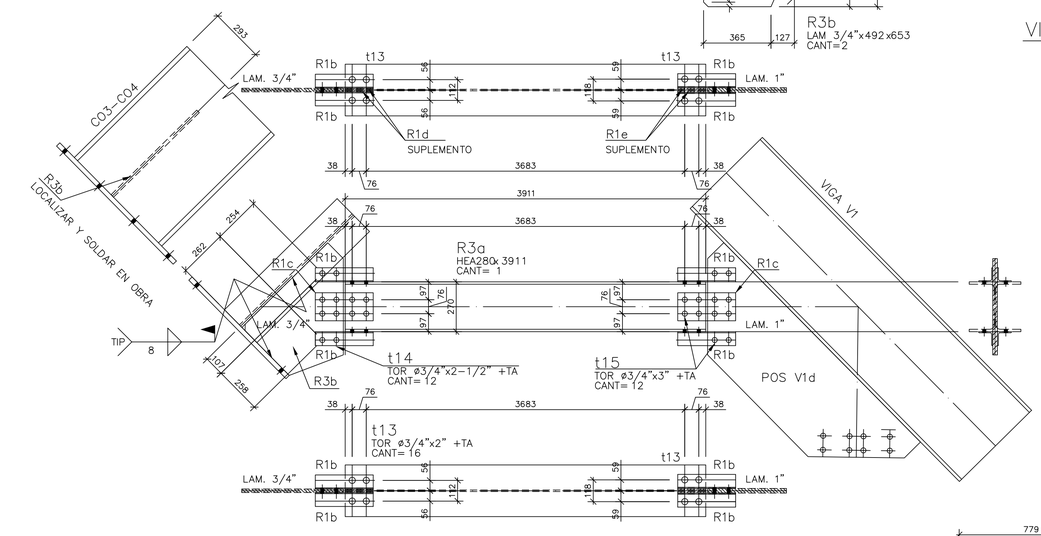


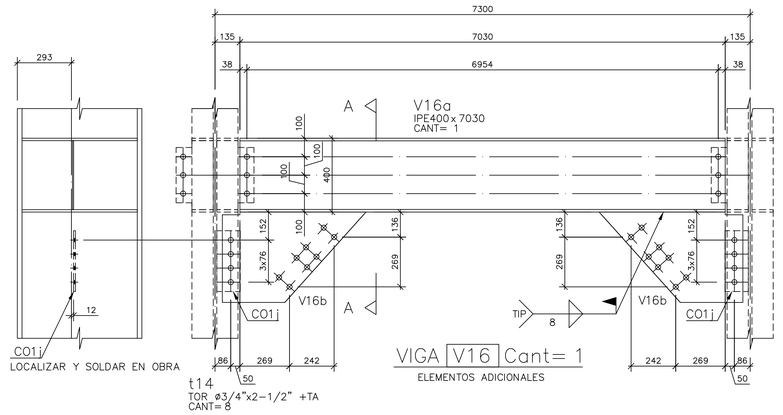
RIOSTRA R4 Cant= 2



VIGA V1 Cant= 1

ELEMENTOS ADICIONALES

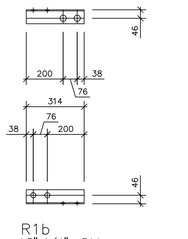


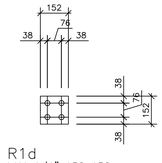


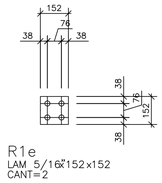
VIGA V16 Cant= 1

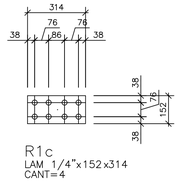
ELEMENTOS ADICIONALES

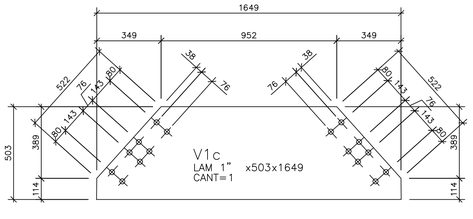
RIOSTRA R3 Cant= 2

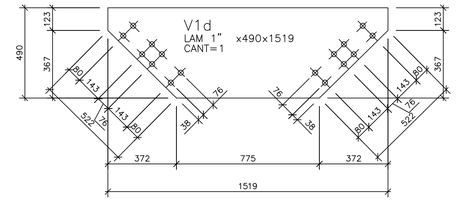


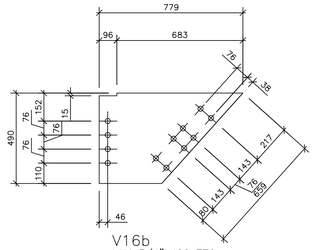


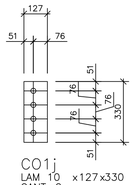


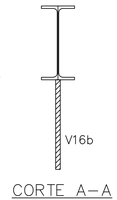


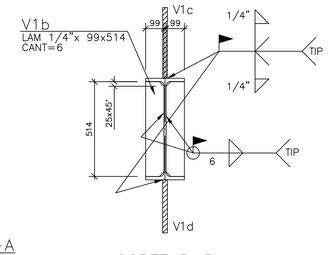












LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO kg/u	PESO TOTAL kg	ESPECIFICACIÓN	PART EN PLANO	OBSERV
R3 2x	R1b	8	L3"x1/4"x314	7.29	18.31	A572-50	32	
	R1c	4	LAM 1/4"x152x314	49.85	9.52	A572-50	16	
	R1d	2	LAM 1/4"x152x152	49.85	2.30	A572-50	8	
	R1e	2	LAM 5/16"x152x152	62.31	2.88	A572-50	8	
	R3a	1	HEA280x3911	76.40	298.80	A572-50	2	
	R3b	2	LAM 3/4"x492x653	149.54	96.09	A572-50	4	
			PESO CONJUNTO R3		427.90			
			PESO 2 CONJUNTOS		855.80			
R4 2x	R1b	8	L3"x1/4"x314	7.29	18.31	A572-50	--	
	R1c	4	LAM 1/4"x152x314	49.85	9.52	A572-50	--	
	R1d	2	LAM 1/4"x152x152	49.85	2.30	A572-50	--	
	R1e	2	LAM 5/16"x152x152	62.31	2.88	A572-50	--	
	R4a	1	HEA280x3267	76.40	249.60	A572-50	2	
			PESO CONJUNTO R4		282.61			
			PESO 2 CONJUNTOS		565.22			
V16 1x	C01j	2	LAM 10x127x330	78.56	6.58	A572-50	2	
	V16b	2	LAM 3/4"x490x779	149.54	114.16	A572-50	2	
			PESO CONJUNTO V16		120.75			
V1 1x	V1b	6	LAM 1/4"x99x514	49.85	15.22	A36	6	
	V1c	1	LAM 1"x503x1649	199.39	165.38	A36	1	
	V1d	1	LAM 1"x490x1519	199.39	148.41	A36	1	
			PESO CONJUNTO V1		329.01			
OTR 1x	t13	64	TOR ø3/4"x2" +TA	0.29	18.35	A490		
	t14	56	TOR ø3/4"x2-1/2" +TA	0.32	17.65	A490		
	t15	48	TOR ø3/4"x3" +TA	0.34	16.48	A490		
			PESO OTROS		52.48			
PESO TOTAL PLANO 1923.26								

CONVENCIONES

HCOS ø7/16" HCOS ø11/16" HCOS ø15/16"
HCOS ø9/16" HCOS ø13/16" HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
0	21-03-2024	Emitido para la fabricación	-

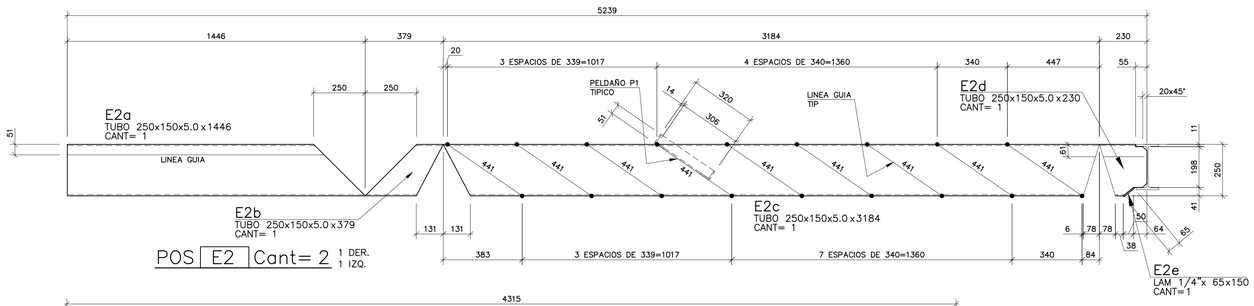
Centro Industrial y de Desarrollo Empresarial (CiDE) SENA

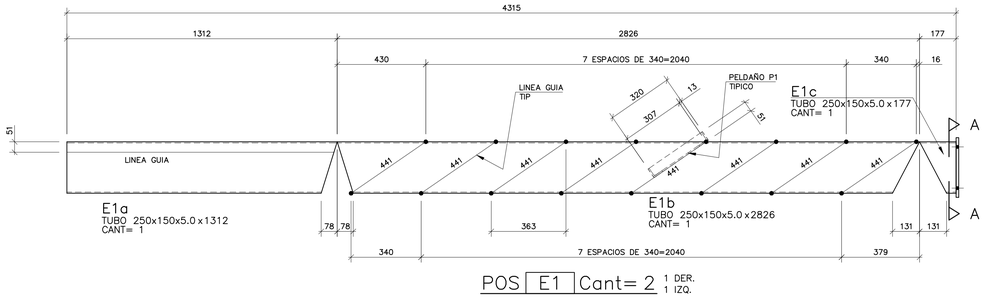
Soacha, Cundinamarca Etapa 1 Ciudad Verde

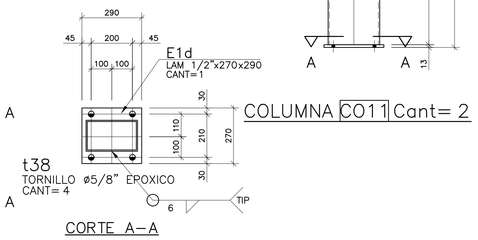
RIOSTRAS R3 y R4

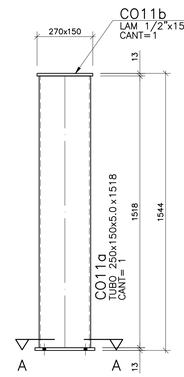
FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:15
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			
FABRICO:			21.03.2024
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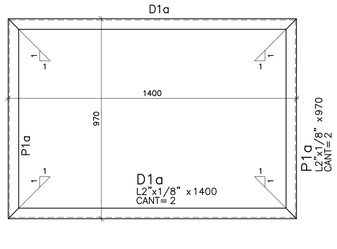




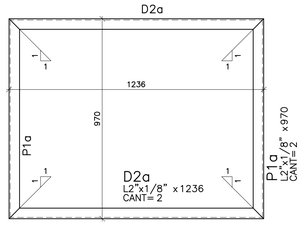


COLUMNA C011 Cant= 2

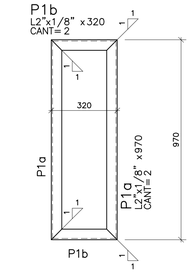
CON-IN Cant	POS	CANT	DESCRIPCION	PESO UNIT kg	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
C011	C011a	1	TUBO 250x150x5.0x1518	30.11	45.71	ASTM-A500-Gr.C	2	
2x	C011b	1	LAM 1/2"x150x270	99.70	4.04	A572-50	2	
	E1d	1	LAM 1/2"x270x290	99.70	7.81	A572-50	4	
	t38	4	TORNILLO ø5/8" EPOXICO	0.80	3.20	A490	16	
			PESO CONJUNTO C011		60.75			
			PESO 2 CONJUNTOS		121.50			
D1	D1a	2	L2"x1/8"x1400	2.46	6.89	A572-50	2	
1x	P1a	2	L2"x1/8"x970	2.46	4.77	A572-50	38	
			PESO CONJUNTO D1		11.66			
D2	D2a	2	L2"x1/8"x1236	2.46	6.08	A572-50	2	
1x	P1a	2	L2"x1/8"x970	2.46	4.77	A572-50	--	
			PESO CONJUNTO D2		10.85			
E1	E1a	1	TUBO 250x150x5.0x1312	30.11	39.50	ASTM-A500-Gr.C	2	
2x	E1b	1	TUBO 250x150x5.0x2826	30.11	85.09	ASTM-A500-Gr.C	2	
	E1c	1	TUBO 250x150x5.0x177	30.11	5.33	ASTM-A500-Gr.C	2	
	E1d	1	LAM 1/2"x270x290	99.70	7.81	A572-50	--	
	t38	4	TORNILLO ø5/8" EPOXICO	0.80	3.20	A490	--	
			PESO CONJUNTO E1		140.93			
			PESO 2 CONJUNTOS		281.86			
E2	E2a	1	TUBO 250x150x5.0x1446	30.11	43.54	ASTM-A500-Gr.C	2	
2x	E2b	1	TUBO 250x150x5.0x379	30.11	11.41	ASTM-A500-Gr.C	2	
	E2c	1	TUBO 250x150x5.0x3184	30.11	95.87	ASTM-A500-Gr.C	2	
	E2d	1	TUBO 250x150x5.0x230	30.11	6.93	ASTM-A500-Gr.C	2	
	E2e	1	LAM 1/4"x65x150	49.85	0.49	A572-50	2	
			PESO CONJUNTO E2		158.23			
			PESO 2 CONJUNTOS		316.46			
E3	E3a	1	TUBO 250x150x5.0x2610	30.11	78.59	ASTM-A500-Gr.C	1	
1x	E3b	2	LAM 1/4"x150x250	49.85	3.74	A572-50	2	TAPA
			PESO CONJUNTO E3		82.33			
P1	P1a	2	L2"x1/8"x970	2.46	4.77	A572-50	--	
17x	P1b	2	L2"x1/8"x320	2.46	1.57	A572-50	34	
			PESO CONJUNTO P1		6.35			
			PESO 17 CONJUNTOS		107.90			
PESO TOTAL PLANO					932.56			



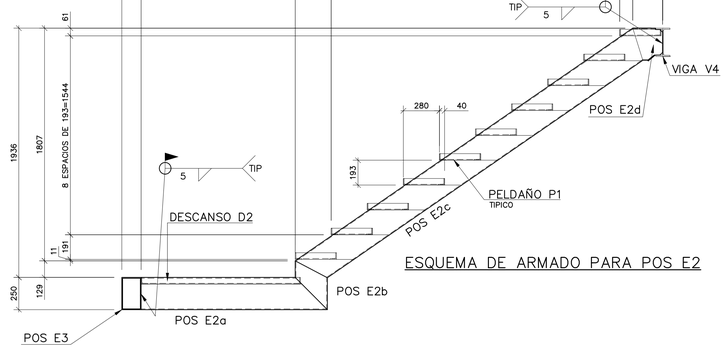
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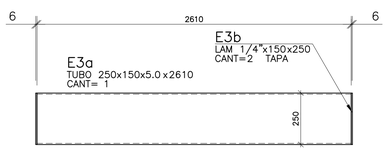
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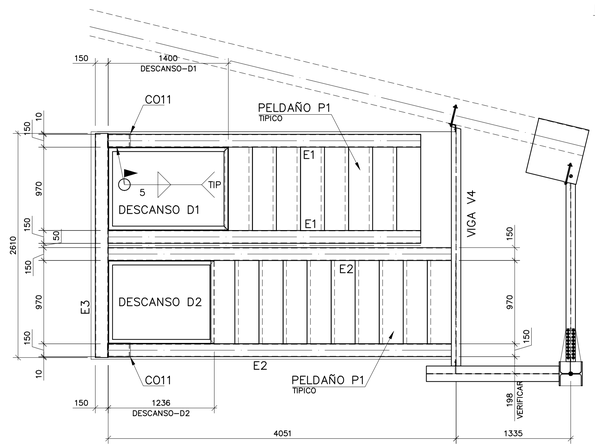
PELDAÑO P1 Cant= 17



ESQUEMA DE ARMADO PARA POS E2

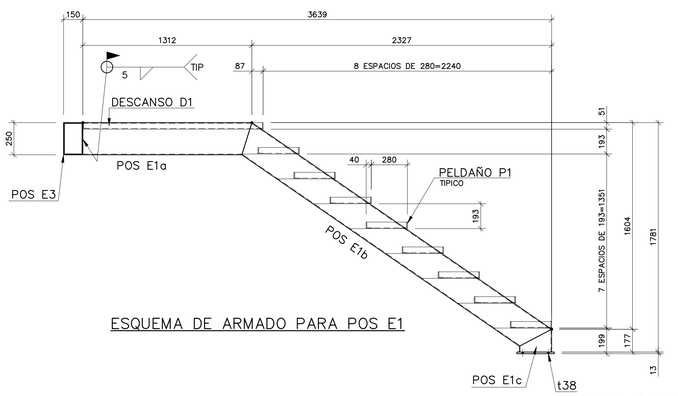


POS E3 Cant= 1



PLANTA ESCALERA E

ESC: ___ 1:30



ESQUEMA DE ARMADO PARA POS E1

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◐ HCOS ø15/16"
● HCOS ø9/16" ⊖ HCOS ø13/16" ◆ HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
0	22-03-2024		-

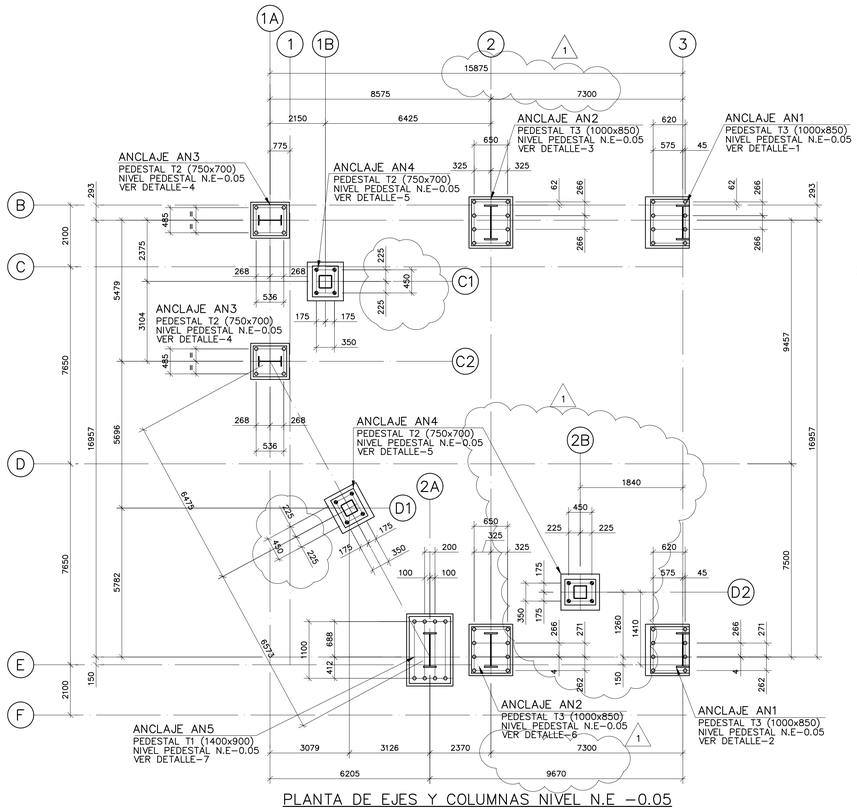
Centro Industrial y de Desarrollo Empresarial (CIDE) SENA

Soacha, Cundinamarca Etapa 3 Ciudad Verde

VIGAS ESCALERA
COLUMNA - PELDAÑOS

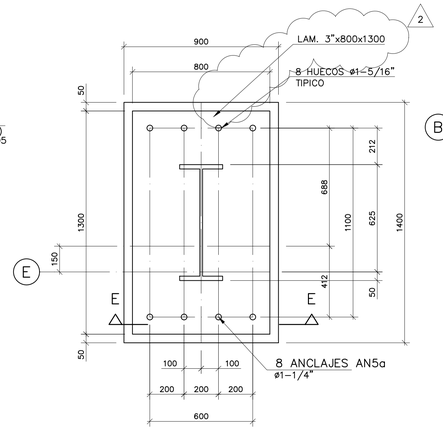
FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:12.5 1:20 1:30
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		
REVISO:			
FABRICO:			22.03.2024
NOTAS:		OBRA No: --	ARCHIVO CAD: UE3-T12.dwg
		REVISION No: 0	PL No. UE3-T12



PLANTA DE EJES Y COLUMNAS NIVEL N.E -0.05

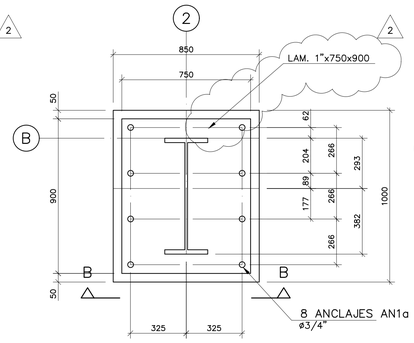
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ANCLAJE AN5 Cant= 1

DETALLE-7

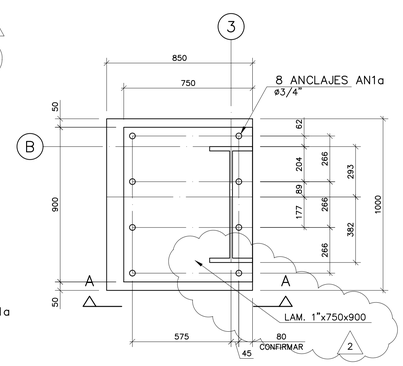
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ANCLAJE AN2 Cant= 2

DETALLE-3

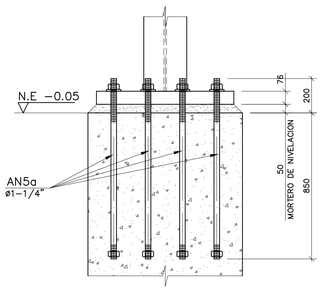
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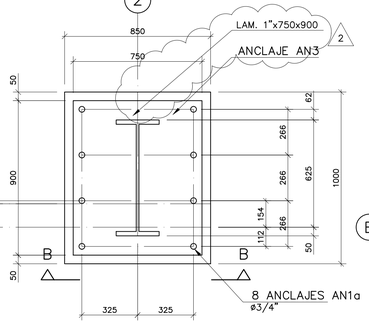
ANCLAJE AN1 Cant= 2

DETALLE-1

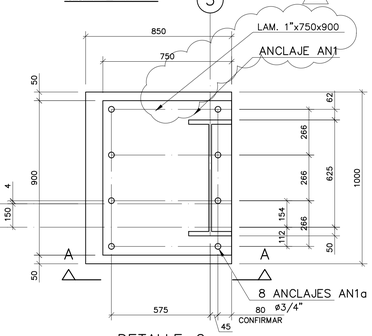
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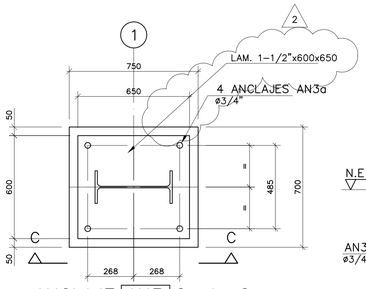
CORTE E-E



CORTE B-B



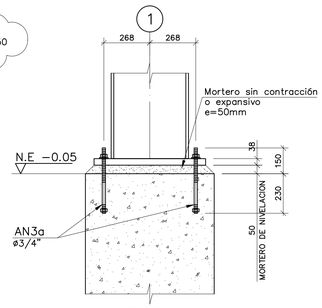
CORTE A-A



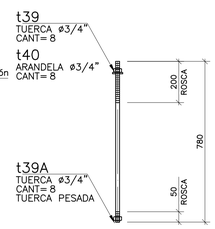
ANCLAJE AN3 Cant= 2

DETALLE-4

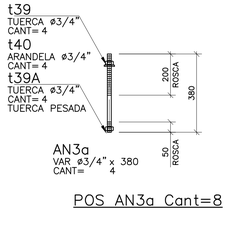
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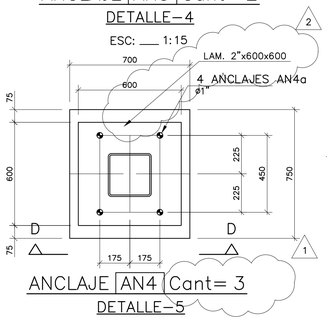
CORTE C-C



POS AN1a Cant=32



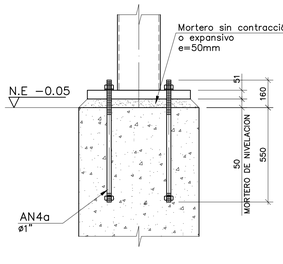
POS AN3a Cant=8



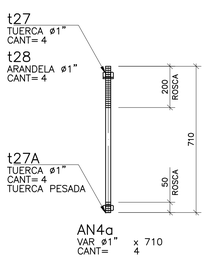
ANCLAJE AN4 Cant= 3

DETALLE-5

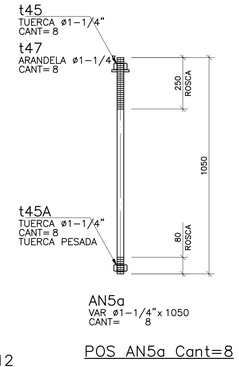
ESC: ___ 1:15



CORTE D-D



POS AN4a Cant=12



POS AN5a Cant=8

DETALLE-6

ESC: ___ 1:15

DETALLE-2

ESC: ___ 1:15

LISTA DE MATERIALES

CONJN Cant	POS	CANT	DESCRIPCION	PESO UNIT kg	PESO TOTAL kg	ESPECIFICACIÓN	CANT TOTAL PLANO	OBSERV
AN1 2x	AN1a	8	VAR ø3/4"x780	2.24	13.96	ASTM A193 Gr. B7	32	
			PESO CONJUNTO AN1		13.96			
			PESO 2 CONJUNTOS		27.92			
AN2 2x	AN1a	8	VAR ø3/4"x780	2.24	13.96	ASTM A193 Gr. B7	--	
			PESO CONJUNTO AN2		13.96			
			PESO 2 CONJUNTOS		27.92			
AN3 2x	AN3a	4	VAR ø3/4"x380	2.24	3.40	ASTM A193 Gr. B7	8	
			PESO CONJUNTO AN3		3.40			
			PESO 2 CONJUNTOS		6.80			
AN4 3x	AN4a	4	VAR ø1"x710	3.98	11.30	ASTM A193 Gr. B7	12	
			PESO CONJUNTO AN4		11.30			
			PESO 3 CONJUNTOS		33.89			
AN5 1x	AN5a	8	VAR ø1-1/4"x1050	6.22	52.21	ASTM A193 Gr. B7	8	
			PESO CONJUNTO AN5		52.21			
OTR 1x	t39A	24	TUERCA ø3/4"	0.10	2.33	SAE Gr 5		TUERCA PESADA
	t39	24	TUERCA ø3/4"	0.10	2.33	SAE Gr 5		
	t40	24	ARANDELA ø3/4"	0.04	0.86	SAE Gr 5		
	t27A	12	TUERCA ø1"	0.21	2.50	SAE Gr 5		TUERCA PESADA
	t27	12	TUERCA ø1"	0.21	2.50	SAE Gr 5		
	t28	12	ARANDELA ø1"	0.06	0.70	SAE Gr 5		
	t45A	8	TUERCA ø1-1/4"	0.38	3.06	SAE Gr 5		TUERCA PESADA
	t45	8	TUERCA ø1-1/4"	0.38	3.06	SAE Gr 5		
	t47	8	ARANDELA ø1-1/4"	0.07	0.59	SAE Gr 5		
			PESO OTROS		17.93			
PESO TOTAL PLANO 166.67								

CONVENCIONES

+ HCOS ø7/16" ◑ HCOS ø11/16" ◔ HCOS ø15/16"
● HCOS ø9/16" ⊕ HCOS ø13/16" ◕ HCOS ø1-1/16"

MOD.	FECHA	DESCRIPCION	FIRMA
2	18-12-2023	LO INDICADO	
1	28-11-2023	LO INDICADO	
0	23-10-2023	Emitido para la fabricación	-

Centro Industrial y de Desarrollo Empresarial (CIDE) SENA

Soacha, Cundinamarca Etapa 1 Ciudad Verde

PLANTA LOCALIZACION DE ANCLAJES N.E -0.05
DETALLES DE ANCLAJE

FABRICACION Y MONTAJES JAES S.A.S.

DISEÑO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	ESCALA : 1:50 1:15 1:12.5
CALCULO:	Ing.: Juan Jacobo Pinilla Rodriguez	M.P: 25202-142095	
DIBUJO:	A.ACOSTA.L		23.10.2023
REVISO:			
FABRICO:			
NOTAS:		OBRA No: --	ARCHIVO CAD: UE1-M01-2.dwg
		REVISION No: 2	PL No. UE1-M01