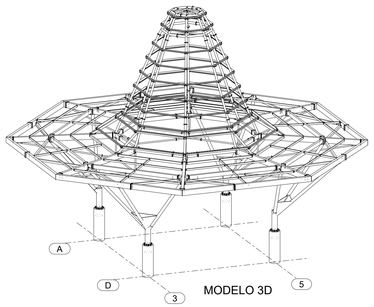
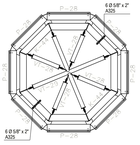
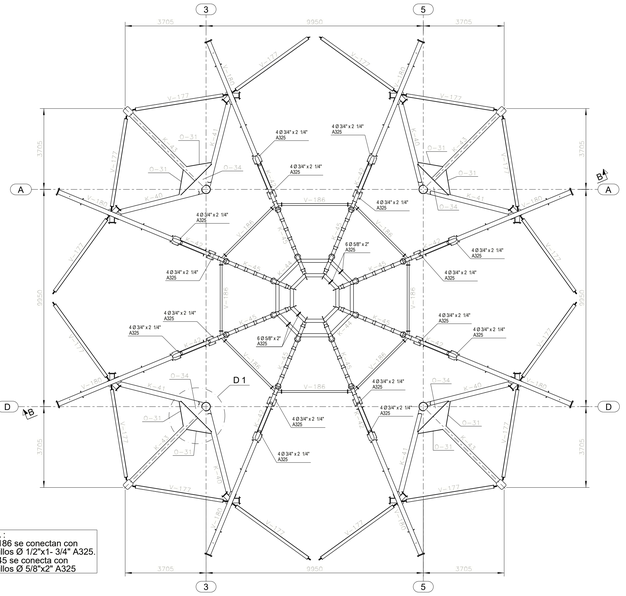


MODELO 3D



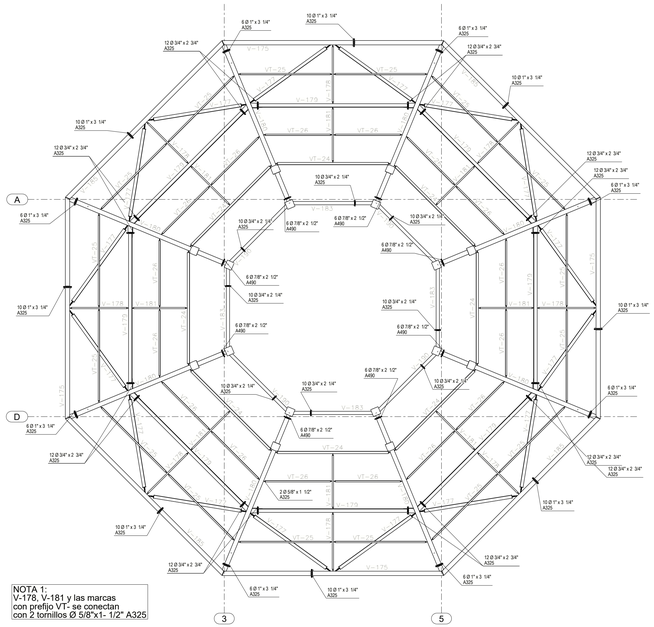
NOTA :
La VT-28 y VT-29 se conectan con
1 tornillo Ø 3/4"x2- 1/4" A325.

SECCION C - C
1:50



NOTA :
La V-186 se conectan con
4 tornillos Ø 1/2"x1- 3/4" A325.
La K-45 se conecta con
6 tornillos Ø 5/8"x2" A325

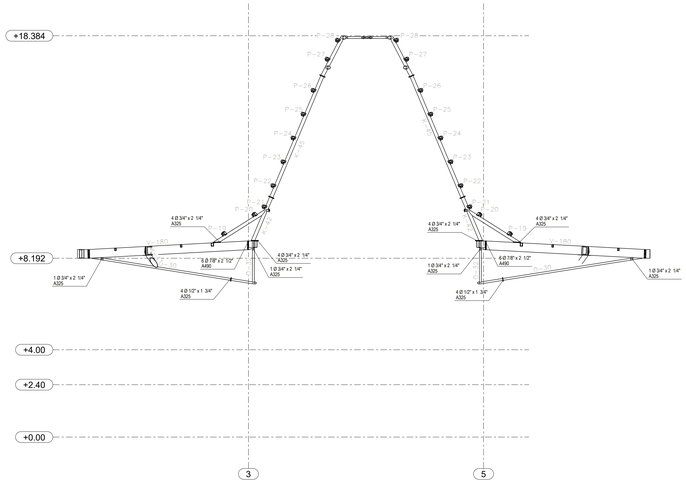
PLANTA MALOKA NIVEL +8.192 - COLUMNAS Y VIGAS
1:100



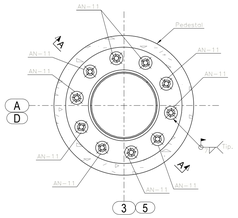
NOTA 1:
V-178, V-181 y las marcas
con prefijo VT- se conectan
con 2 tornillos Ø 5/8"x1- 1/2" A325

NOTA 2:
V-177 se conectan con
1 tornillo Ø1- 1/8"x1- 1/8" A490

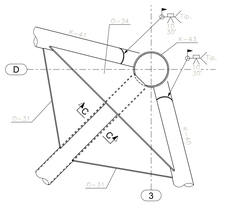
PLANTA MALOKA NIVEL +8.192 - VIGAS Y VIGUETAS
1:100



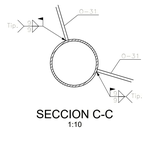
SECCION B - B
1:100



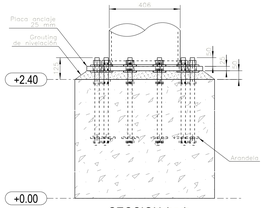
DETALLE ANCLAJE
1:12.5



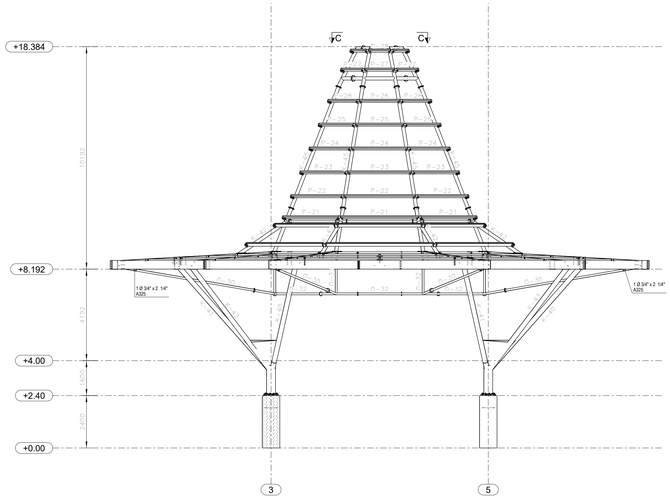
DETALLE D 1
1:25



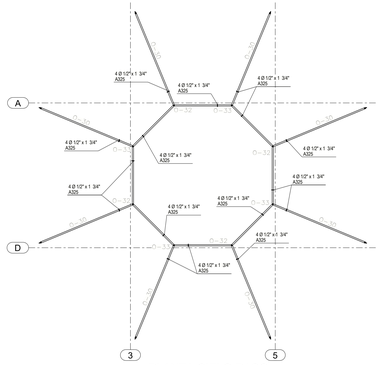
SECCION C-C
1:10



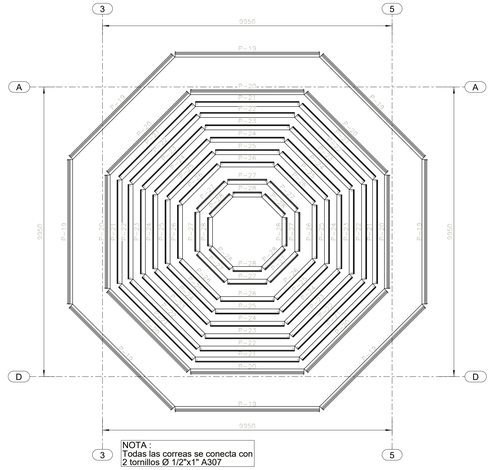
SECCION A - A
1:12.5



SECCION MALOKA EJE D
1:100

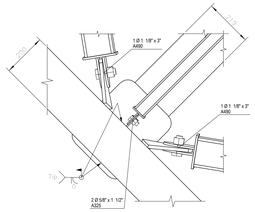


PLANTA CIELO RASO
1:150



NOTA :
Todas las correas se conecta con
2 tornillos Ø 1/2"x1" A307

PLANTA CORREAS
1:75



DETALLE SOLDADURA
COLUMNA Y ANILLO EXTERIOR
1:10

LISTA TORNILLO TUERCA ARANDELA CONECTOR PARA MONTAJE

REFERENCIA	T. ACERO	CANTIDAD	P.UNITARIO PIÓ	CANTIDAD ARANDELAS	P.UNITARIO ARANDELAS (kg)	PESO PARCIAL (kg)
TORNILLO A307 1/2"X1"	A307	320	0.055	0	0.0000	17.5680
TORNILLO A325 1"X3"1/4	A325	128	0.662	0	0.0000	84.7360
TORNILLO A325 1/2"X1"3/4	A325	128	0.093	128	0.0151	13.8368
TORNILLO A325 3/4"X1"3/4	A325	50	0.251	0	0.0000	12.5500
TORNILLO A325 3/4"X2"1/4	A325	172	0.279	0	0.0000	47.9880
TORNILLO A325 3/4"X2"3/4	A325	192	0.308	0	0.0000	59.1360
TORNILLO A325 5/8"X1"1/2	A325	192	0.150	0	0.0000	28.8000
TORNILLO A325 5/8"X2"	A325	120	0.170	0	0.0000	20.4000
TORNILLO A325 7/8"X2"	A325	12	0.391	0	0.0000	4.6920
TORNILLO A490 1"1/8X3"	A490	32	0.853	0	0.0000	27.2960
TORNILLO A490 7/8"X2"1/2	A490	48	0.429	0	0.0000	20.5920
					PESO TOTAL :	337.50 kg

Nº rev.	Descripción de Revisión	Tipo	Fecha	Revisó

INHIERRO

OBRA : 23042N

Parque de la Cultura Llanera

CONTIENE : MONTAJE DE MALOKA

CALCULO:	Javier Morales	FECHA:	09.11.2023
DETALLADO:	Mariana Penagos	MEDIDAS EN:	mm
MODELO:	Julio C. Ospina R.	ESCALA:	INDICADAS
DIBUJO:	Julio C. Ospina R.	REVISO:	REV. N.M.

PLANO Nº:

23042NM13

MINIMA TENSION DE PERNOS, kN*		
Ø PERNO	PERNO A325	PERNO A490
1/2"	85	05
5/8"	80	110
3/4"	120	160
7/8"	170	210
1"	225	285
1-1/8"	250	350
1-1/4"	315	450

*Igual a 0.70 de la misma resistencia a tensión de los pernos

Data Structures