

Departamento de Ingeniería

Proyecto:	ОТ
MODULO OFICINA	OT-00024

F. Ingreso a Producción	18/06/2021
F. Egreso a Producción	

Descripción			
PISO (FABRICACION E INSTALACION)			

Elaborado por	Fecha Elaboración		
Marjenny Tellez	18/06/2021		

Total PT	Fecha Compra	
705.641	25/06/2021	

MADERA ESTIMADA REQUERIDA

Descripion de pieza	Cant.Piezas
VP-01	4
VP-02	2
VP-03	2
VP-04	1
Panel FP-01 (PH-01)	4
Panel FP-01 (PV-01)	12
Panel FP-02 Y FP-03 (PH-01)	6
Panel FP-02 y PF-03 (PH-02)	27
Panel FP-02 y PF-03 (PH-03)	9
Panel FP-02 y PF-03 (PH-04)	9
Panel FP-02 y PF-03 (PH-05)	3
Panel FP-02 y PF-03 (PH-06)	9
Panel FP-02 y PF-03 (PH-07)	3
Panel FP-02 y PF-03 (PH-08)	3
Panel FP-02 y PF-03 (PV-01)	6
Panel FP-02 y PF-03 (PV-02)	12
Panel FP-02 y PF-03 (PV-03)	9
Panel FP-02 y PF-03 (PV-04)	3
Panel FP-02 y PF-03 (PV-05)	3
Panel FP-04 (PH-01)	2
Panel FP-04 (PH-02)	15
Panel FP-04 (PH-03)	5
Panel FP-04 (PH-04)	3
Panel FP-04 (PH-05)	1
Panel FP-04 (PH-06)	3
Panel FP-04 (PH-07)	1
Panel FP-04 (PH-08)	1
Panel FP-04 (PV-01)	2
Panel FP-04 (PV-02)	4
Panel FP-04 (PV-03)	2
Panel FP-04 (PV-04)	1
Panel FP-04 (PV-05)	1
Panel FP-04 (PV-06)	2
Panel FP-04 (PV-07)	2
Deck DK-01	16
Deck DK-02	32
Machimbre para Piso MB-01	28
Machimbre para Piso MB-01	28
Machimbre para Piso MB-03	14
Machimbre para Piso MB-04	1
Tapones	20
Moldura para Piso	10

Pulgada CM Pulgada CM Pulgada CM PT Especie 6 14 3 3/4 8 81 200 50.63 Caoba Africana 6 14 3 3/4 8 81 200 25.31 Caoba Africana 6 14 3 3/4 8 120 1/2 310 38.91 Caoba Africana 6 14 2 4 81 200 27.00 Caoba Africana 6 14 2 4 46 1/2 113 46.50 Caoba Africana 4 1/4 10 2 4 78 192 27.63 Caoba Africana 4 1/4 10 2 4 16 1/2 36 26.30 Caoba Africana 2 4 10 2 4 14 30 7.44 Caoba Africana 4 1/4 10 2 4 15 1/2 34 8.23 Caoba Africana 2 4 2 </th <th>Ancho</th> <th colspan="6">o Grueso Largo</th> <th></th>	Ancho	o Grueso Largo							
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6 14 2 3 3/4 8 120 1/2 300 18.83 Caoba Africana 6 14 2 4 46 1/2 113 46.50 Caoba Africana 4 1/4 10 2 4 16 1/2 36 26.30 Caoba Africana 4 1/4 10 2 4 14 30 7.44 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 2 4 16 1/2 36 4.13 Caoba Africana 2 4 1/4 10 2 4 76 188 13.46 Caoba Africana 4 1/4 10 2 4 62 1/2 153 22.14 Caoba Africana 4 1/4 10 2 4 57 1/2 141 40.73 Caoba Africana 2 4 2 4 15 1/2 26 1.04 Caoba Africana 2 4 2 4 15 1/2 26 1.04 Caoba Africana 2 4 2 4 15 1/2 26 1.04 Caoba Africana 2 4 1/4 10 2 4 59 1/2 145 10.54 Caoba Africana 4 1/4 10 2 4 78 192 9.21 Caoba Africana 4 1/4 10 2 4 78 192 9.21 Caoba Africana 4 1/4 10 2 4 78 192 9.21 Caoba Africana 4 1/4 10 2 4 78 192 9.21 Caoba Africana 4 1/4 10 2 4 78 192 9.21 Caoba Africana 4 1/4 10 2 4 16 1/2 36 1.461 Caoba Africana 2 4 2 4 16 1/2 36 1.461 Caoba Africana 4 1/4 10 2 4 16 1/2 36 1.461 Caoba Africana 2 4 2 4 16 1/2 36 1.461 Caoba Africana 2 4 2 4 16 1/2 36 1.461 Caoba Africana 4 1/4 10 2 4 16 1/2 36 1.461 Caoba Africana 2 4 2 4 14 30 .39 Caoba Africana 2 4 2 4 16 1/2 36 1.461 Caoba Africana 2 4 2 4 16 1/2 36 1.461 Caoba Africana 2 4 2 4 14 30 .39 Caoba Africana 2 4 2 4 16 1/2 36 1.38 Caoba Africana 2 4 2 4 16 1/2 36 1.38 Caoba Africana 2 4 2 4 15 1/2 36 1.38 Caoba Africana 2 4 2 4 14 15 1/2 36 1.38 Caoba Africana 2 4 2 4 15 1/2 36 1.38 Caoba Africana 2 4 2 4 15 1/2 36 1.38 Caoba Africana 2 4 2 4 14 14 10 2 4 15 1/2 36 1.38 Caoba Africana 2 4 4 2 4 15 1/2 36 1.38 Caoba Africana 2 4 2 4 15 1/2 36 1.38 Caoba Africana 2 4 2 4 14 14 10 12 2 4 15 1/2 36 1.38 Caoba Africana 2 4 2 4 14 14 10 12 2 4 15 1/2 36 1.38 Caoba Africana 2 4 1/4 10 12 4 1/4 10 12 4 1/4 10 12 4 1/4 10 11/2 3 1/4 11/4 10 11/2 3 1/4 11/4 10 11/2 3 1/4 11/4 10 11/2 3 1/4 11/4 10 11/2 3 1/4 11/4 10 11/2 3 1/4 11/4 10 11/2 3 1/4 11/4	6	14	3 3/4	8	81	200	25.31	Caoba Africana	
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2 4 2 4 30 39 Caoba Africana 2 4 2 4 16 1/2 36 1.38 Caoba Africana 2 4 2 4 15 1/2 34 .43 Caoba Africana 4 1/4 10 2 4 76 188 4.49 Caoba Africana 4 1/4 10 2 4 62 1/2 153 7.38 Caoba Africana 4 1/4 10 2 4 57 1/2 141 13.58 Caoba Africana 2 4 2 4 15 33 .83 Caoba Africana 2 4 2 4 12 1/2 26 .35 Caoba Africana 2 4 2 4 10 20 .28 Caoba Africana 4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 65 160	4 1/4	10	2	4	14	30	4.13	Caoba Africana	
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2 4 2 4 15 1/2 34 .43 Caoba Africana 4 1/4 10 2 4 76 188 4.49 Caoba Africana 4 1/4 10 2 4 62 1/2 153 7.38 Caoba Africana 4 1/4 10 2 4 57 1/2 141 13.58 Caoba Africana 2 4 2 4 15 33 .83 Caoba Africana 2 4 2 4 12 1/2 26 .35 Caoba Africana 2 4 2 4 10 20 .28 Caoba Africana 4 1/4 10 2 4 15 33 1.77 Caoba Africana 3 1/4 7 1 1.9 33 1/2 80 12.10 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 2	2	4	2	4	14	30	.39	Caoba Africana	
4 1/4 10 2 4 76 188 4.49 Caoba Africana 4 1/4 10 2 4 62 1/2 153 7.38 Caoba Africana 4 1/4 10 2 4 57 1/2 141 13.58 Caoba Africana 2 4 2 4 15 33 .83 Caoba Africana 2 4 2 4 12 1/2 26 .35 Caoba Africana 2 4 2 4 10 20 .28 Caoba Africana 4 1/4 10 2 4 15 33 1.77 Caoba Africana 3 1/4 7 1 1.9 33 1/2 80 12.10 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 4 1/4 10 1 1/2 3 </td <td>2</td> <td>4</td> <td>2</td> <td>4</td> <td>16 1/2</td> <td>36</td> <td>1.38</td> <td>Caoba Africana</td>	2	4	2	4	16 1/2	36	1.38	Caoba Africana	
4 1/4 10 2 4 62 1/2 153 7.38 Caoba Africana 4 1/4 10 2 4 57 1/2 141 13.58 Caoba Africana 2 4 2 4 15 33 .83 Caoba Africana 2 4 2 4 12 1/2 26 .35 Caoba Africana 2 4 2 4 10 20 .28 Caoba Africana 4 1/4 10 2 4 15 33 1.77 Caoba Africana 4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 <	2	4	2	4	15 1/2	34	.43	Caoba Africana	
4 1/4 10 2 4 57 1/2 141 13.58 Caoba Africana 2 4 2 4 15 33 .83 Caoba Africana 2 4 2 4 12 1/2 26 .35 Caoba Africana 2 4 2 4 10 20 .28 Caoba Africana 4 1/4 10 2 4 15 33 1.77 Caoba Africana 4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 4 1/4 10 1 1/2 3 <	4 1/4	10	2	4	76	188	4.49	Caoba Africana	
2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 4 1/4 10 2 4 4 1/4 10 2 4 4 1/4 10 2 4 4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 81 200 5.70 Nanciton 6 3/4 16 1 1/2 3 4 4 1.67 Caoba Africana	4 1/4	10	2	4	62 1/2	153	7.38	Caoba Africana	
2 4 2 4 12 1/2 26 .35 Caoba Africana 2 4 2 4 10 20 .28 Caoba Africana 4 1/4 10 2 4 15 33 1.77 Caoba Africana 4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 81 200 5.70 Nanciton 6 3/4 16 1 1/2 3 4 4 1.67 Caoba Africana	4 1/4	10	2	4	57 1/2	141	13.58	Caoba Africana	
2 4 2 4 10 20 .28 Caoba Africana 4 1/4 10 2 4 15 33 1.77 Caoba Africana 4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 81 200 5.70 Nanciton 6 3/4 16 1 1/2 3 4 4 1.67 Caoba Africana	2	4	2	4	15	33	.83	Caoba Africana	
4 1/4 10 2 4 15 33 1.77 Caoba Africana 4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 33 1/2 80 12.10 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 81 200 5.70 Nanciton 6 3/4 16 1 1/2 3 4 4 1.67 Caoba Africana	2	4	2	4	12 1/2	26	.35	Caoba Africana	
4 1/4 10 2 4 8 1/2 16 1.00 Caoba Africana 3 1/4 7 1 1.9 33 1/2 80 12.10 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 6 3/4 16 1 1/2 3 81 200 5.70 Nanciton 2 4 1 1/2 3 4 4 1.67 Caoba Africana	2	4	2	4	10	20	.28	Caoba Africana	
3 1/4 7 1 1.9 33 1/2 80 12.10 Frijolillo 3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 6 3/4 16 1 1/2 3 81 200 5.70 Nanciton 2 4 1 1/2 3 4 4 1.67 Caoba Africana	4 1/4	10	2	4	15	33	1.77	Caoba Africana	
3 1/4 7 1 1.9 65 160 46.94 Frijolillo 4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 6 3/4 16 1 1/2 3 81 200 5.70 Nanciton 2 4 1 1/2 3 4 4 1.67 Caoba Africana	4 1/4	10	2	4	8 1/2	16	1.00	Caoba Africana	
4 1/4 10 1 1/2 3 76 1/2 189 94.83 Nanciton 4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 6 3/4 16 1 1/2 3 81 200 5.70 Nanciton 2 4 1 1/2 3 4 4 1.67 Caoba Africana	3 1/4	7	1	1.9	33 1/2	80	12.10	Frijolillo	
4 1/4 10 1 1/2 3 29 1/2 69 36.57 Nanciton 4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 6 3/4 16 1 1/2 3 81 200 5.70 Nanciton 2 4 1 1/2 3 4 4 1.67 Caoba Africana	3 1/4	7	1	1.9	65	160	46.94	Frijolillo	
4 1/4 10 1 1/2 3 96 1/2 240 59.81 Nanciton 6 3/4 16 1 1/2 3 81 200 5.70 Nanciton 2 4 1 1/2 3 4 4 1.67 Caoba Africana	4 1/4	10	1 1/2	3	76 1/2	189	94.83	Nanciton	
6 3/4 16 1 1/2 3 81 200 5.70 Nanciton 2 4 1 1/2 3 4 4 1.67 Caoba Africana	4 1/4	10	1 1/2	3	29 1/2	69	36.57	Nanciton	
2 4 1 1/2 3 4 4 1.67 Caoba Africana	4 1/4	10	1 1/2	3	96 1/2	240	59.81	Nanciton	
	6 3/4	16	1 1/2	3	81	200	5.70	Nanciton	
1 1/2 3 1 2 100 1/2 250 10 47 Nanciton	2	4	1 1/2	3	4	4	1.67	Caoba Africana	
TIZE O TOTAL	1 1/2	3	1	2	100 1/2	250	10.47	Nanciton	

MATERIALES ESTIMADOS REQUERIDOS

Descripción de Material	Cant. Req.	UdM	Observaciones
Varilla roscada 1/2" x 6pies	6	und	Fijacion VP a Pilotes (Instalación 3 unid) Entrepaneles (Instalación 3 unid)
Tuerca Galvanizado 1/2"	108	und	Fijacion VP a Pilotes (Instalación 60 unid) Entrepaneles (Instalación 48 unid)
Arandela Galv. 1/2"	108	und	Fijacion VP a Pilotes (Instalación 60 unid) Entrepaneles (Instalación 48 unid)
Disco de corte para metal de 4"	2	und	Cortes de varillas para esta etapa
Tornillos Senco 3" x 8mm	800	und	Armado estructura de Piso y Deck
varilla roscada galv. 5/16	6	und	Fijacion estructura de piso y/o deck a Vigas Principales

Tuerca 5/16 GAL	80	und	Fljacion estructura de piso y/o deck a Vigas Principales
Arandela 5/16 GAL	80	und	Fijacion estructura de piso y/o deck a Vigas Principales
Clavos Hilto 1 1/2" Para Clavadora Cal.18	1200	und	Fijacion machimbre piso
Tornillo Flat head square stainless steel #8x1-5/8	220	und	Fijacion Deck
Octobarato de Sodio Tetrahidratado	1 1/2	kg	Acabado en vigas y estructuras
Messmers Teak Oil Finish Natural	1	gln	Acabado en Deck
Hilaza	10	Lb	
Brocha 4"	4	und	
Aquapast (Cub)	2	gln	Acabado solo para estructura
Cajas de carton reciclado	6	und	
Sellador Intertape 2" x 110yrds	2	und	
Empaletizador 1500pie x 18"	1/2	und	
Cuchilla Caladora Cutter	1	und	
Milesi YGC601G (Gln) VENCIDO	3	gln	Acabado en machimbre