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Del Rio, TX #61 SI

TABLE 301.1 EXTERIOR DESIGN CONDITIONS	
WINTER Design Dry Bulb: minus 3°C	HDD18: 776
SUMMER Design Dry Bulb:37°C;Mean Coincident Wet Bulb:23°C	CDD18: 1729
Annual Operating Hours, 8AM - 4PM when 12.8°C<=T<=20.6°C: 732	

TABLE 402.3.1(A) MAX. THERMAL TRANSMITTANCE (U)	
Roof	0.358
Wall adjacent to unconditioned space	2.374
Floor over unconditioned space	1.119

TABLE 402.3.1(B) MAX. EXEMPT SKYLIGHT AREA AS % OF ROOF AREA					
Visible Light Transmittance (VLT)	Light level Lux	Range of Lighting Power Densities			
		<10.8	10.8-16.2	16.3-21.5	>21.5
0.75	320	2.2	2.8	3.4	4.0
	540	2.3	3.1	3.9	4.7
	750	2.9	4.1	5.3	6.5
0.50	320	3.3	4.2	5.1	6.0
	540	3.6	4.8	6.0	7.2
	750	4.2	6.0	7.8	9.6

TABLE 402.3.2 MINIMUM THERMAL RESISTANCE (R-VALUE)			
Slab on grade: Unheated / Heated:	600 mm	900 mm	1200 mm
Horizontal	R-0/R-2	R-0/R-2	R-0/R-2
Vertical	R-0/R-2	R-0/R-2	R-0/R-2
Wall below grade:	R-0		

TABLE 402.4.1.1 MAX. WALL THERMAL TRANSMITTANCE (Uow)				
			Insulation Position	
ILD Range	WWR	HC Range	Interior/Integral	Exterior
All	0 to 100	0.0 - 28	1.397	1.397
0.0 to 16.1	17	29 - 56	1.664	2.220
		57 - 85	2.322	2.811
		85 +	2.777	2.998
	78	29 - 56	1.692	2.294
		57 - 85	2.408	2.941
		85 +	2.902	3.140
16.2 to 32.3	14	29 - 56	1.686	2.271
		57 - 85	2.379	2.890
		85 +	2.856	3.089
	83	29 - 56	1.721	2.374
		57 - 85	2.498	3.083
		85 +	3.038	3.305
32.4 to 37.7	11	29 - 56	1.675	2.243
		57 - 85	2.351	2.845
		85 +	2.816	3.049
	79	29 - 56	1.721	2.362
		57 - 85	2.487	3.061
		85 +	3.021	3.282

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TABLE 402.4.1.2 MAXIMUM WINDOW WALL RATIO (WWR)								
			Fenestration U-Factor (Uof)					
			Base Case			Perimeter Daylighting		
								VLT>=SC
Internal Load Density (ILD) Range	Projection Factor (PF) Range	Shading Coefficient (SCx) Range	6.98 to 4.10	4.09 to #####	N/A	6.98 to 4.10	4.09 to 4.10	4.09 to 0.00
0.0 - 16.1	0.00 - 0.25	1.00 - 0.72	17	17		19	19	20
		0.71 - 0.61	21	21		24	24	25
		0.60 - 0.51	26	26		29	29	30
		0.50 - 0.39	31	31		35	35	36
		0.38 - 0.26	42	42		47	47	49
		0.25 - 0.00	66	68		74	76	78
	0.26 - 0.50	1.00 - 0.72	25	25		28	28	29
		0.71 - 0.61	31	31		35	35	36
		0.60 - 0.51	37	37		42	42	43
		0.50 - 0.39	45	46		51	52	53
		0.38 - 0.00	61	63		69	70	72
	0.50 +	1.00 - 0.72	33	34		38	38	39
		0.71 - 0.61	42	42		47	48	49
		0.60 - 0.51	50	51		56	57	59
		0.50 - 0.00	61	63		69	71	72
16.2 - 32.3	0.00 - 0.25	1.00 - 0.72	14	14		20	20	21
		0.71 - 0.61	17	17		24	24	26
		0.60 - 0.51	20	20		29	29	31
		0.50 - 0.39	25	25		36	36	38
		0.38 - 0.26	33	33		49	49	52
		0.25 - 0.00	54	54		77	77	83
	0.26 - 0.50	1.00 - 0.72	20	20		29	29	31
		0.71 - 0.61	25	24		36	36	38
		0.60 - 0.51	29	29		43	43	46
		0.50 - 0.39	36	36		53	53	57
		0.38 - 0.00	49	49		72	72	77
	0.50 +	1.00 - 0.72	26	26		39	39	41
		0.71 - 0.61	33	33		49	49	52
		0.60 - 0.51	40	40		60	59	63
		0.50 - 0.00	49	49		72	72	77
32.4 - 37.7	0.00 - 0.25	1.00 - 0.72	11	11		18	18	20
		0.71 - 0.61	14	14		23	22	25
		0.60 - 0.51	17	17		27	27	30
		0.50 - 0.39	20	20		33	33	37
		0.38 - 0.26	27	27		45	45	50
		0.25 - 0.00	44	44		72	72	79
	0.26 - 0.50	1.00 - 0.72	16	16		26	26	29
		0.71 - 0.61	20	20		33	33	37
		0.60 - 0.51	24	24		40	40	44
		0.50 - 0.39	30	29		49	49	54
		0.38 - 0.00	40	40		68	68	74
	0.50 +	1.00 - 0.72	22	22		36	36	39
		0.71 - 0.61	27	27		45	45	50
		0.60 - 0.51	33	33		55	55	60
		0.50 - 0.00	40	40		68	68	74