PICTURE **WINDOW SPECIFICATIONS**

General:
Windows shall be series 5320, 5321, 5360 and 5380 Picture Window systems as described in the brochure and manufactured by International Window Corporation.

Material:
Frames and sash members shall be white, or desert sand UPVC.

Construction:
Corners of all frames and panels shall be miter cut and fusion welded to present neat, tight fitting joints. Nailing fin shall be prepunched for installation.

Glazing:
Fixed glass shall be constructed to allow for either shop or field glazing and installation into the frame either before or after installation. Windows shall accept single glazed or ¾" insulated glass.

Erection:
All window frames shall be set by others in a level, plumb and square condition without distortion. Frames must be installed without forcing, springing or bowing. Units shall be properly caulked to prevent water leakage. After installation, the general contractor shall be responsible for protecting the units during the balance of construction. Upon completion of construction, the general contractor shall be responsible for cleaning the PVC and glass without the use of abrasive agents.

Performance tested to:
- AAMA/ANSI 101/I.S.2-97 Standards
- Security tested to California & L.A. County ordinance
- Thermally tested to NFRC 100 and 200.
- Sealed insulated glass to "A" Level
- Sound tested to ASTM E90-99. STC determined in accordance with ASTM E 413-87.

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PICTURE WINDOW **NFRC**

5320 RESIDENTIAL 3/4" INSULATING GLASS UNIT PERFORMANCE	U-Factor Residential Only						SHGC			Visible Light		
	Air Fill	w/ Argon	Sculp Grid	Sculp Grid w/ Argon	1/8" x 3/4" Grid	1/8" x 3/4" Grid w/ Argon	No Grid	Sculp Grid	1/8" x 3/4" Grid	No Grid	Sculp Grid	1/8" x 3/4" Grid
SS clear/ SS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.70	0.56	0.63	0.73	0.59	0.66
DS clear/ DS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.67	0.55	0.61	0.72	0.58	0.65
3/16 clear/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.64	0.52	0.58	0.71	0.57	0.64
SS EnergyShield/ SS clear	0.32	0.27	0.33	0.29	0.32	0.27	0.33	0.27	0.30	0.62	0.50	0.56
DS EnergyShield/ DS clear	0.31	0.27	0.33	0.29	0.31	0.27	0.33	0.27	0.30	0.61	0.49	0.55
3/16 EnergyShield/ 3/16 clear	0.34	0.29	0.40	0.34	0.40	0.34	0.33	0.27	0.29	0.60	0.49	0.54
SS bronze/ SS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.23	0.19	0.21	0.36	0.29	0.32
DS bronze/ DS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.23	0.19	0.21	0.35	0.28	0.32
3/16 bronze/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.23	0.19	0.21	0.34	0.28	0.31
3/16 Solarcool/ 3/16 clear	0.49	0.46	0.46	0.46	0.46	0.46	0.32	0.27	0.29	0.18	0.15	0.17
SS grey/ SS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.52	0.42	0.47	0.49	0.39	0.44
DS grey/ DS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.51	0.42	0.46	0.48	0.39	0.43
3/16 grey/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.45	0.36	0.40	0.40	0.32	0.36
DS greylite # 31/ DS clear	0.47	0.45	0.45	0.45	0.45	0.45	0.41	0.34	0.38	0.24	0.20	0.22
SS Azurelite/ SS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.49	0.40	0.44	0.66	0.53	0.59
DS Azurelite/ DS clear	0.47	0.45	0.48	0.45	0.47	0.45	0.43	0.35	0.39	0.62	0.50	0.56
3/16 Azurelite/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.38	0.31	0.34	0.57	0.46	0.51
SS bronze/ SS EnergyShield	0.32	0.27	0.33	0.29	0.32	0.27	0.35	0.29	0.32	0.51	0.41	0.46
DS bronze/ DS EnergyShield	0.31	0.27	0.33	0.29	0.31	0.27	0.33	0.27	0.30	0.46	0.37	0.41
3/16 bronze/ 3/16 EnergyShield	0.34	0.29	0.40	0.34	0.40	0.34	0.30	0.24	0.27	0.40	0.32	0.36
SS grey/ SS EnergyShield	0.32	0.27	0.33	0.29	0.32	0.27	0.31	0.26	0.28	0.41	0.33	0.37
DS grey/ DS EnergyShield	0.31	0.27	0.33	0.29	0.31	0.27	0.31	0.25	0.28	0.41	0.33	0.37
3/16 grey/ 3/16 EnergyShield	0.34	0.29	0.40	0.34	0.40	0.34	0.27	0.23	0.25	0.34	0.27	0.31
SS Azurelite/ SS EnergyShield	0.32	0.27	0.33	0.29	0.32	0.27	0.34	0.28	0.31	0.56	0.45	0.50
DS Azurelite/ DS EnergyShield	0.31	0.27	0.33	0.29	0.31	0.27	0.32	0.26	0.29	0.53	0.42	0.47
3/16 Azurelite/ 3/16 EnergyShield	0.34	0.29	0.40	0.34	0.40	0.34	0.30	0.25	0.27	0.49	0.39	0.44
3/16 Solex/ 3/16 EnergyShield	0.34	0.29	0.40	0.34	0.40	0.34	0.31	0.26	0.28	0.54	0.43	0.48

U-Factor is the overall coefficient of heat transmittance of heat flow measured in BTU/hr.* ft2**F. Lower U-Factors indicate better performance. Winter nighttime U-Factors are calculated using an outdoor air temperature of 0°F and indoor air temperature of 70°F.

Solar Heat Gain Coefficient is defined that fraction of incident solar radiation that actually enters a building through the window as heat gain. The SHGC is expressed as a dimensionless number from 0 to 1.0 A high coefficient signifies high heat gain, while a low number means low heat gain.

Visible Transmittance is the amount of light in the visible portion of the spectrum that passes through a glazing material. This property does not directly affect heating and cooling loads in a building.