DOORS SHALL BE ROLLING STEEL MODEL DURACOIL "STANDARD" (STANDARD SERVICE DOOR) AS MANUFACTURED BY RAYNOR GARAGE DOORS.

BRACKETS—STEEL PLATES, MIN. 3/16" (4.8 mm) THICK, BOLTED TO GUIDES FOR MOUNTING CURTAIN AND BARREL ASSEMBLY. DRIVE SIDE BRACKET SHALL BE FITTED WITH A SEALED BALL BEARING FOR LONG LIFE.

BARREL—STRUCTURAL STEEL PIPE, MINIMUM 4-1/2" (114.3 mm) O.D. X 3/16" (12.7 mm) WALL, PROVEN AND DESIGNED TO LIMIT MAXIMUM DEFLECTION, UNDER LOAD, TO 0.030 (0.76 mm) PER FOOT OF SPAN.

SPRING COUNTERBALANCE— THE CURTAIN SHALL BE COUNTERBALANCED BY MEANS OF OIL TEMPERED, HELICAL TORSION SPRINGS, OIL-PACKED AND MOUNTED ON A SINGLE CONTINUOUS STEEL TORSION SHAFT. SPRINGS SHALL BE IN CONJUNCTION WITH SPRING LOADED DEFLECTION AUXILIARY TO FACILITATE ANY COUNTERBALANCE MAINTENANCE. CAST IRON SPRING ANCHORS SHALL TRANSFER FULL SPRING LOADING TO THE BARREL.

HOOD—SHALL BE 24 GA COMMERCIAL QUALITY HOT-DIPPED GALVANIZED STEEL. HOOD TO HAVE ROLLED EDGES TO PROVIDE RIGIDITY.

GUIDES—STRUCTURAL STEEL ANGLES, MIN. 3/16" (4.8 mm) THICK, TOP OF GUIDE ANGLES FLARED AND PROVIDED WITH 4 REMOVABLE CURTAIN STOPS.

WIND LOAD—20 LB./SQ. FT. STANDARD. UNLESS OTHERWISE NOTED.

CRANK—BY MEANS OF GRAY IRON REDUCTION GEARS AND 5/8" (15.9 mm) SQUARE SHAFT DOWN TO A GEAR BOX WITH HANDLE. MAXIMUM FULL 35 POUNDS. (PADLOCK BY OTHERS.)

MODEL FF/SC/LC
CURTAIN—INTERLOCKING SLATS ROLLFORMED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL, FOR ASTM A-653, FINISH SHALL BE A TWO COAT BAKE ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. MALLETABLE IRON GALVANIZED ENDLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER SLAT. ELIMINATES LATERAL MOVEMENT AND PREVENTS SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X2"X 1/8" (50.8 mm x 50.8 mm x 4.8 mm). SINGLE CONTACT BOTTOM ASTRAGAL.

MODEL IF
CURTAIN—INSULATED, INTERLOCKING SLATS ROLLFORMED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL, FOR ASTM A-653, EACH SLAT SHALL HAVE A 3/4" (19.1 mm) THICK POLYSTYRENE FOAMBOARD CORE PLACED WITHIN THE FULL LENGTH OF THE SLAT. BACKING COVER TO BE A 24GA, HOT-DIPPED GALVANIZED STEEL. FINISH SHALL BE A TWO COAT BAKE ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. MALLETABLE IRON GALVANIZED ENDLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER ENDLOCK. ELIMINATES LATERAL MOVEMENT AND PREVENTS THE SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X2"X 1/8" (50.8 mm x 50.8 mm x 4.8 mm). THE CURTAIN "D" VALUE IS 16 AND THE "R" VALUE IS 6.2 (SPECIFICATIONS REFLECT CALCULATED CHARACTERISTICS OF CORE MATT). SINGLE CONTACT BOTTOM ASTRAGAL.

MODEL FP
CURTAIN—SHALL CONSIST OF INTERLOCKING FLAT SLATS ROLLFORMED FROM HOT DIPPED GALVANIZED (G-90) STEEL, FOR ASTM A-653, SLATS SHALL BE PUNCHED WITH A SERIES OF HOLES ACROSS THEIR ENTIRE LENGTH, PROMOTING A FLOOR AREA PER SQUARE FOOT OF DOOR. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X2"X 1/8" (50.8 mm x 50.8 mm x 4.8 mm). SINGLE CONTACT BOTTOM ASTRAGAL.

LOCKING—SLIDE BOLT TO ENGAGE GUIDE WITH PROVISION FOR PADLOCK. (PADLOCK BY OTHERS) QUANTITY REQUIRED.

LOCKING—FIVE PIN TUMBLER CYLINDER WITH LOCK BARS TO ENGAGE THE GUIDE. QUANTITY REQUIRED.

LOCK—OPERABLE FROM INTERIOR ONLY.

LOCK—OPERABLE FROM EXTERIOR ONLY.