DOOR NUMBER	QTY	OPENING		MODEL	GA.	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	MOUNT TYPE	OPER.	DRIVE	JAMB TYPE	GUIDE
		WIDTH	HEIGHT																

JOB:

DISTRIBUTOR:

CONTRACTOR:

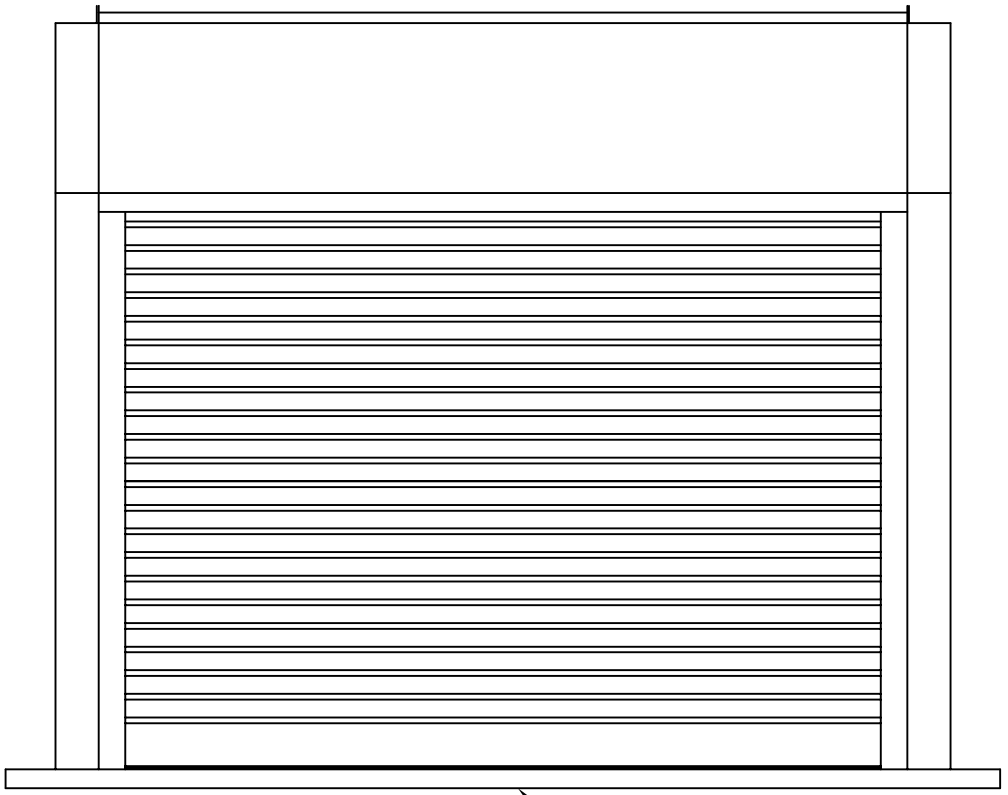
ARCHITECT:

RAYNOR

NR: 2901857

DURASHUTTER UCP/UCS
BETWEEN JAMB MOUNT
ABOVE LINTEL
MANUAL LIFT.

FIRESHUTTER



☐ LEFT HAND DRIVE (SHOWN)

☐ RIGHT HAND DRIVE

COUNTER TOP BY OTHERS

"ELEVATION"

DOORS SHALL BE ROLLING STEEL MODEL FIRECURTAIN "SELECT" OR "STANDARD" (FIRE COUNTER SHUTTER) AS MANUFACTURED BY RAYNOR GARAGE DOORS.

DOOR(S) COMPLY WITH UNDERWRITERS LABORATORIES REQUIREMENTS FOR A 3–HOUR RATING.

BARREL– STRUCTURAL STEEL PIPE, MINIMUM 4–1/2"(114.3mm) O.D. X.120" (3.0mm) WALL THICKNESS AND DESIGNED TO LIMIT MAXIMUM DEFLECTION, UNDER LOAD, TO .03"(0.76mm) PER FOOT OF SPAN.

SPRING COUNTERBALANCE– THE CURTAIN SHALL BE COUNTERBALANCED BY MEANS OF OIL TEMPERED, HELICAL TORSION SPRINGS, GREASE–PACKED AND MOUNTED ON A SINGLE CONTINUOUS STEEL TORSION SHAFT. SPRINGS SHALL BE COMPRESSION SPRING DESIGN TO FACILITATE ANY COUNTERBALANCE MAINTENANCE. CAST IRON SPRING ANCHORS SHALL TRANSFER FULL SPRING LOADING TO THE BARREL.

BRACKETS– 10 GAUGE GALVANIZED STEEL WITH FLANGED MOUNTING SURFACE FOR HOOD ATTACHMENT. INSIDE SURFACE SHALL BE FLUSH WITH GUIDE GROOVE. DRIVE SIDE BRACKET SHALL BE FITTED WITH A SEALED BALL BEARING FOR CONTINUED PERFORMANCE.

JAMB CONSTRUCTION USING OTHER THAN MASONRY OR STRUCTURAL STEEL WRAPPED MASONRY MUST RECEIVE APPROVAL FROM LOCAL AUTHORITIES.

AUTOMATIC CLOSURE– AUTOMATIC CLOSING TO BE INITIATED BY MELTING A 165 DEGREE FUSIBLE LINK. OPERATION MECHANISM SHALL BE DISENGAGED DURING AUTOMATIC CLOSING OF THE DOOR. RATE OF DESCENT SHALL BE CONTROLLED BY A GOVERNOR.

☐ **MODEL UCS**

CURTAIN– SHALL BE 22 GA. INTERLOCKING SLATS, ROLLFORMED STAINLESS STEEL. FINISH SHALL BE A #4 FINISH. PLATED ENDLOCKS FASTENED TO ALTERNATE SLATS, TO ELIMINATE LATERAL, MOVEMENT AND PREVENT SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM BAR SHALL BE TUBULAR SHAPED TO REINFORCE THE CURTAIN WITH FOAM RUBBER ASTRAGAL FOR SILL PROTECTION.

GUIDES– SHALL BE 13 GA. STAINLESS STEEL, #4 FINISH, WITH REMOVABLE BELLMOUTH CURTAIN STOPS.

HOOD & SIDE COVERS– SHALL BE 24 GAUGE STAINLESS STEEL, WITH A #4 FINISH. HOOD TO HAVE ROLLED EDGES TO PROVIDE RIGIDITY.

☐ **MODEL UCS**

CURTAIN– SHALL BE INTERLOCKING SLATS, 22 GA., ROLLFORMED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G–90) STEEL PER ASTM A–653. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. PLATED ENDLOCKS FASTENED TO ALTERNATE SLATS TO ELIMINATE LATERAL MOVEMENT AND PREVENT SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM BAR SHALL BE TUBULAR SHAPED TO REINFORCE THE CURTAIN WITH FOAM RUBBER ASTRAGAL FOR SILL PROTECTION.

GUIDES– SHALL BE 13 GA. GALVANIZED STEEL WITH REMOVABLE BELLMOUTH CURTAIN STOPS.

HOOD & SIDE COVERS– SHALL BE 24 GAUGE COMMERCIAL QUALITY HOT DIPPED GALVANIZED STEEL. HOOD TO HAVE ROLLED EDGES TO PROVIDE RIGIDITY.

☐ 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.

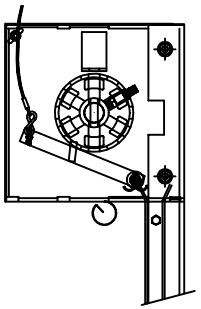
☐ LOCK–OPERABLE FROM EXTERIOR ONLY.

☐ LOCK–OPERABLE FROM BOTH INTERIOR AND EXTERIOR

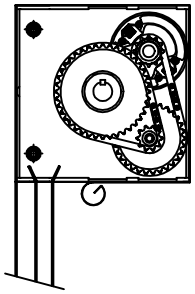
DOORS OVER 10'–0" (3048MM) X 7'–0" (2133.6MM) ARE STRONGLY RECOMMENDED TO BE CRANK OR TUBE MOTOR OPERATED.

DOOR NUMBER	QTY	OPENING		MODEL	GA.	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	MOUNT TYPE	OPER.	DRIVE	JAMB TYPE	GUIDE
		WIDTH	HEIGHT																

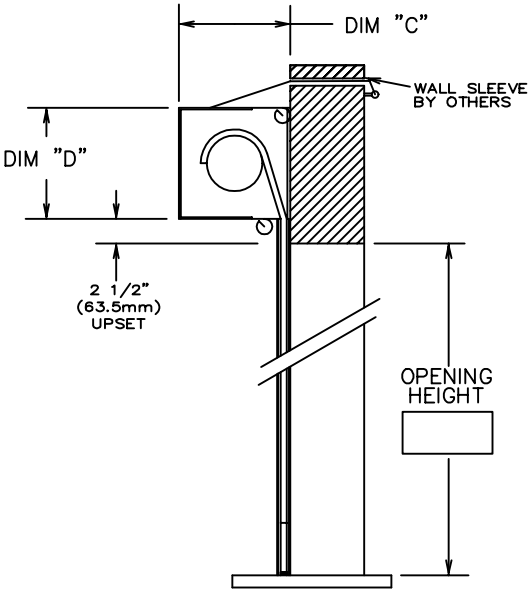
JOB:	RAYNOR
DISTRIBUTOR:	
CONTRACTOR:	
ARCHITECT:	NR: 2901857



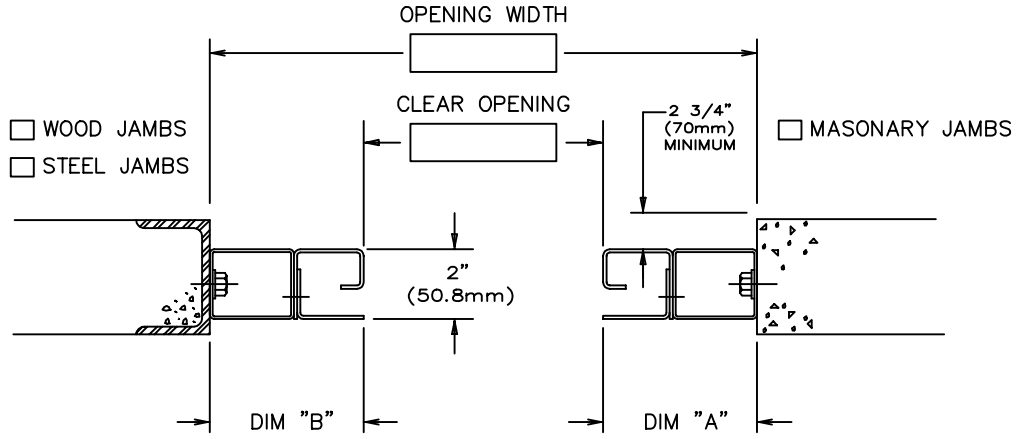
CHARGE HEADPLATE



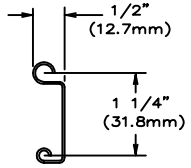
DRIVE HEADPLATE



"SECTION THRU–OPENING"



"GUIDE DETAIL"



SLAT MODEL

☐ MODEL UCP

☐ MODEL UCS

SHEET 2 OF 2