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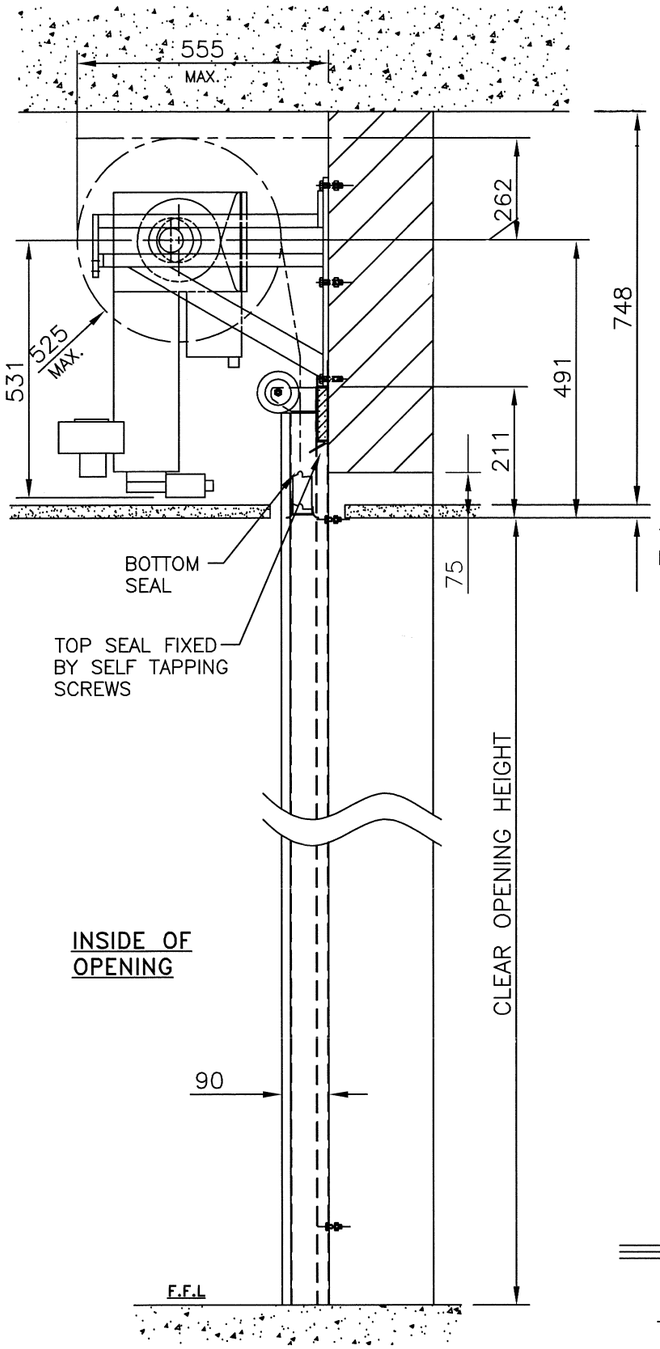
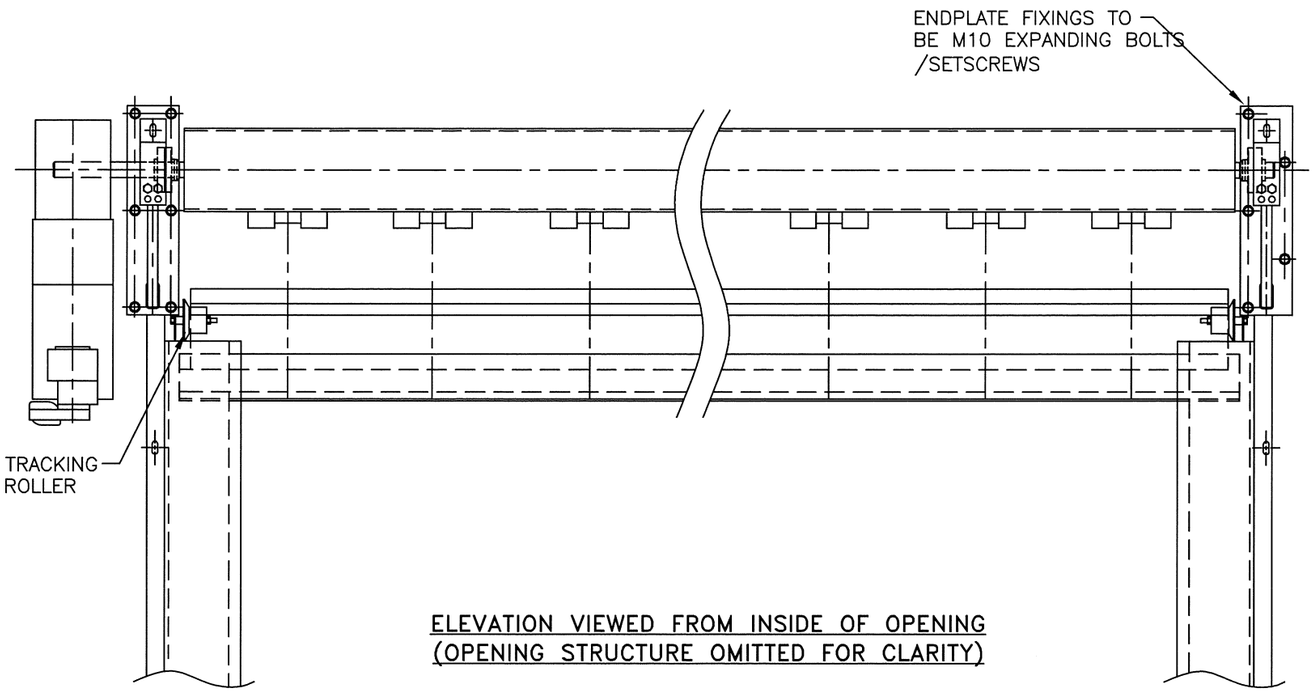
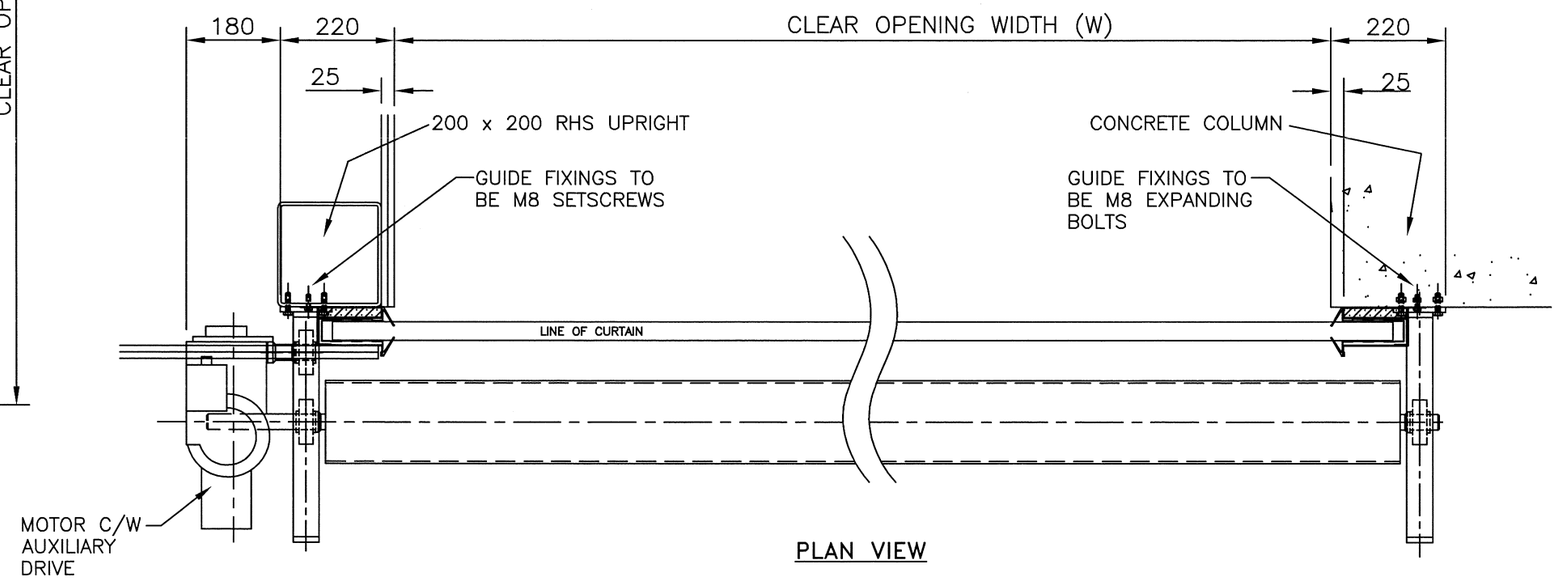


TYPICAL SECTION THROUGH OPENING



ELEVATION VIEWED FROM INSIDE OF OPENING
(OPENING STRUCTURE OMITTED FOR CLARITY)



PLAN VIEW

NOTES

IT IS THE CLIENT'S RESPONSIBILITY TO ENSURE THAT THE STRUCTURE IS CAPABLE OF ACCEPTING THE FIXINGS SHOWN AND SUPPORTING THE DOOR WEIGHT WHILST AT REST AND DURING OPERATION.

APPROX. DOOR WEIGHT = kg.

BOLTON GATE CO. LTD. RECOMMEND THAT FULL ACCESS TO THE SHUTTER BOX BE PROVIDED ACROSS THE OPENING, FOR MAINTENANCE / REPLACEMENT PURPOSES. IF FULL ACCESS IS NOT PROVIDED, BOLTON GATE CO. LTD. WILL NOT ACCEPT ANY CHARGES ASSOCIATED WITH THE GAINING OF ACCESS, TO FACILITATE THE MAINTENANCE OR REPLACEMENT OF ANY SHUTTER COMPONENTS.

ALL EXPOSED SUPPORTING STEELWORK MUST BE SUITABLY FIRE PROTECTED / INSULATED BY OTHERS, AFTER THE INSTALLATION OF THE SHUTTER. THE CLIENT MUST ALSO ENSURE THE BACK FILLING OF ANY GAPS BETWEEN THE DOOR AND THE OPENING STRUCTURE, DUE TO UNEVEN OR OUT OF SQUARE OPENINGS. MATERIAL EQUAL TO THE FIRE RESISTANCE / INSULATION OF THE DOOR MUST BE USED. FAILURE TO COMPLETE THIS WORK MAY INVALIDATE THE FIRE INTEGRITY AND INSULATION PROPERTIES.

ELECTRICAL OPERATION:
CLIENT TO PROVIDE, PRIOR TO SHUTTER DELIVERY A 400V, 3 PHASE SUPPLY TERMINATING AT AN IEC 6039–2, 16 AMP, 3 POLE, NEUTRAL AND EARTH SOCKET WITHIN ONE METRE OF THE MOTOR POSITION.

SELF CLOSING:
IN THE EVENT OF FIRE OR MAINS FAILURE A 24 VOLT DC AUXILIARY DRIVE UNIT CLOSES THE DOOR. CONTROL PANEL MOUNTED AT HIGH LEVEL INCORPORATING BATTERY BACK–UP AND FIRE ALARM INTERFACE.

FIRE SIGNAL:
A NORMALLY OPEN VOLT FREE CONTACT ON CLIENTS FIRE ALARM TO BE CONNECTED TO SHUTTER CONTROL PANEL BY OTHERS.

KEYSWITCH:
LOWLEVEL WALL MOUNTED KEYSWITCH C/W 2 KEYS.

FINISH:
GREY PRE–FINISHED 63 x 36 SYNTHETIC MATERIAL LATHS INFILLED WITH HIGH PERFORMANCE INSULATION– ALL OTHER ITEMS STANDARD FACTORY FINISH.

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TITLE
ARRANGEMENT FOR ELECTRICALLY OPERATED VR60 FIRE RESISTING INSULATED ROLLER SHUTTER

SITE

DATE	REVISION	CHK'D	REF	DATE	REVISION	CHK'D	REF
			C				F
			B				E
			A				D

DRAWN:
DATE:
CHECKED:
SCALE: 1:12 (A3)
WORKS ORDER No
DRAWING NUMBER