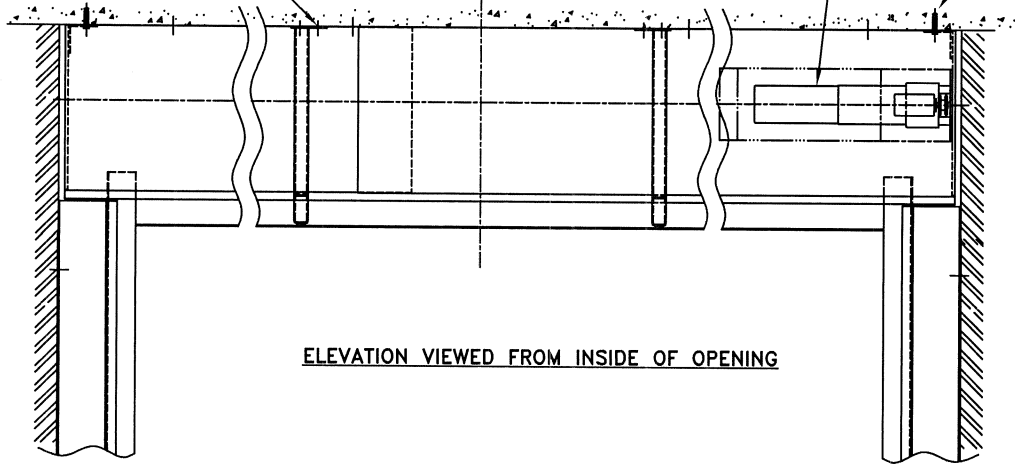


2 NO. CASING SUPPORT STRAPS  
POSITIONED 500mm EITHER SIDE  
OF C/LINE OF OPENING. FIXINGS  
TO BE M10 EXPANSION BOLTS

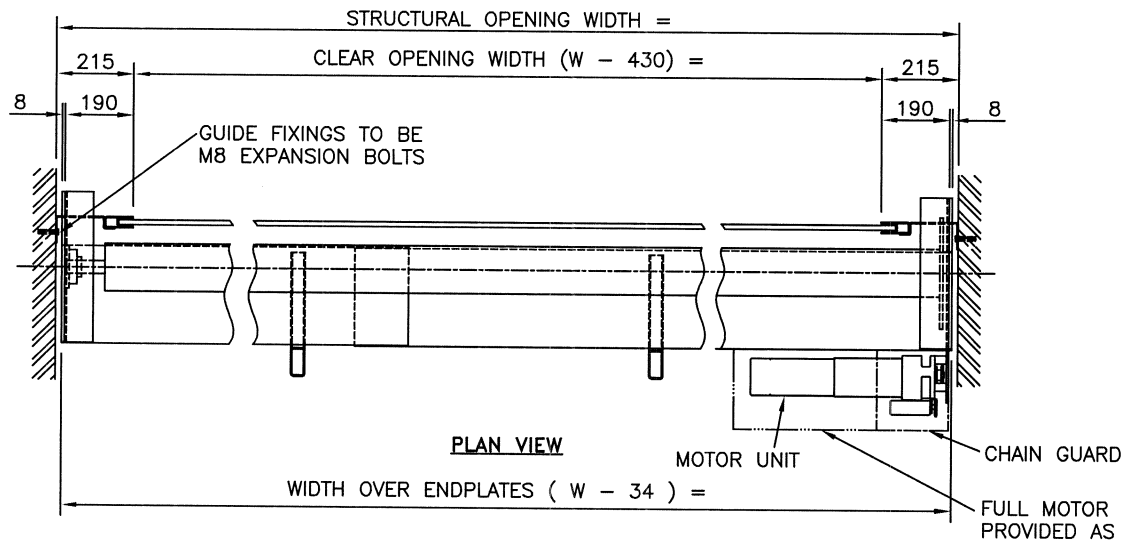
C/LINE OF  
OPENING

ENDPLATE FIXINGS TO BE  
M10 EXPANSION BOLTS

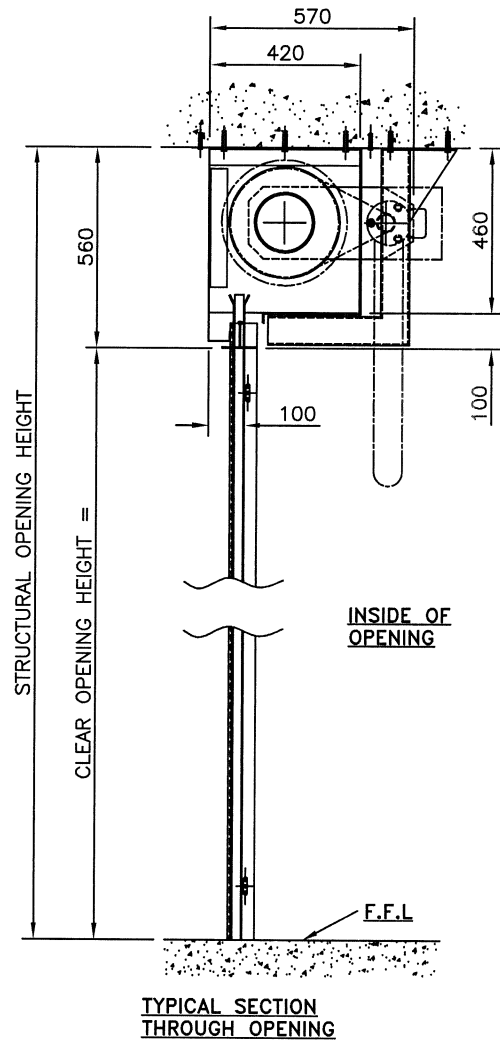
MOTOR UNIT



ELEVATION VIEWED FROM INSIDE OF OPENING



PLAN VIEW



TYPICAL SECTION  
THROUGH OPENING

NOTES

1. IT IS THE CLIENTS 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.

2. 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.

3. ALL EXPOSED SUPPORTING STEELWORK MUST BE SUITABLY FIRE PROTECTED 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 OF THE DOOR MUST BE USED. FAILURE TO COMPLETE THIS WORK MAY INVALIDATE THE FIRE INTEGRITY.

4. ELECTRICAL OPERATION:  
CLIENT TO PROVIDE, PRIOR TO SHUTTER DELIVERY, EITHER:  
A 230V, SINGLE PHASE SUPPLY TERMINATING AT AN IEC 60309-2, 16 AMP, 2 POLE AND EARTH SOCKET WITHIN ONE METRE OF THE MOTOR POSITION  
OR  
A 400V, 3 PHASE SUPPLY TERMINATING AT AN IEC 60309-2, 16 AMP, 3 POLE, NEUTRAL AND EARTH SOCKET WITHIN ONE METRE OF THE MOTOR POSITION

**BOLTON GATE Co**  
Bolton Gate Co. Limited  
Waterloo Street  
Bolton. BL1 2SP  
Telephone: 01204 871000  
Facsimile: 01204 871049  
E-mail: general@boltongate.co.uk

TITLE  
ARRANGEMENT FOR ELECTRICALLY OPERATED  
4 HOUR FIRE RESISTING ROLLING SHUTTER  
SITE

		C			
		B			
		A			
DATE	REVISION	REF	DATE	REVISION	REF

F	DRAWN:	WORKS ORDER No
E	DATE:	
D	CHECKED:	DRAWING NUMBER
REF	SCALE: A3,1:15	