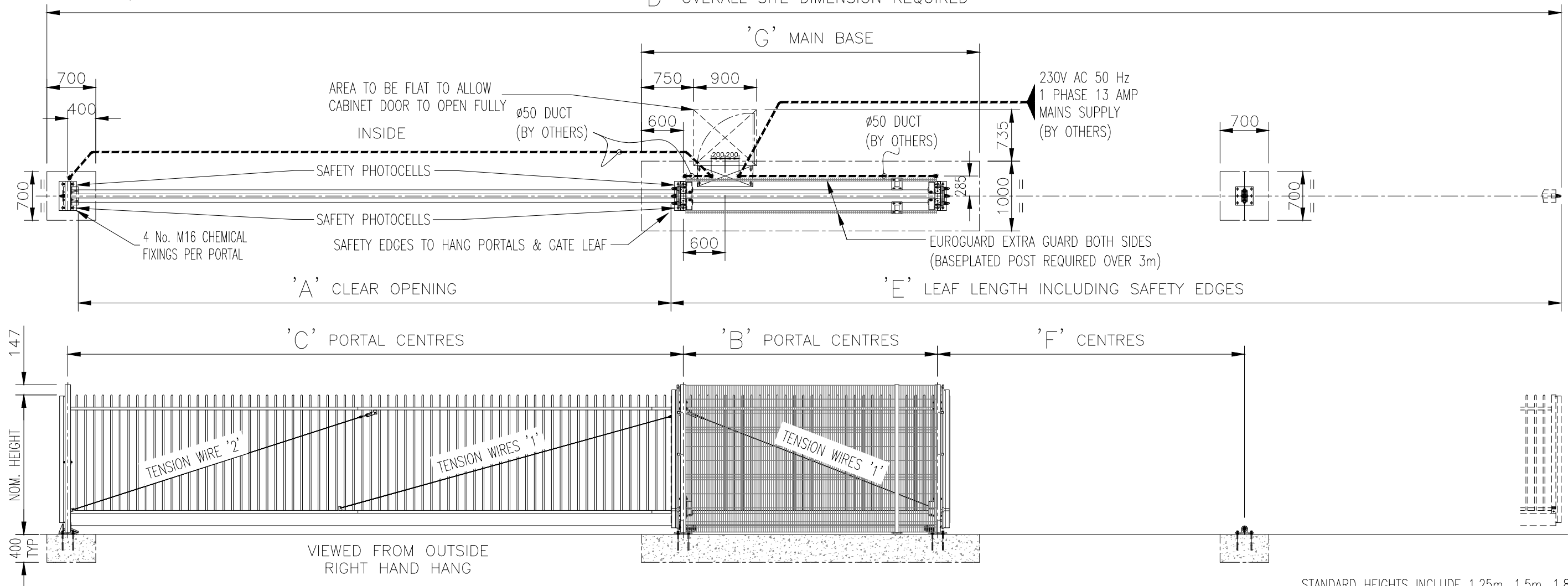


REFER TO DRAWING J1/03087 FOR INSTALLATION DETAILS & PROBLEM SOLVING  
 REFER TO DRAWING J1/03095 FOR TYPICAL PERT LAYOUT DETAILS

REFER TO DRAWING J1/03118 FOR 129 PITCH IF ABOVE 2m HIGH

'D' OVERALL SITE DIMENSION REQUIRED



STANDARD HEIGHTS INCLUDE 1.25m, 1.5m, 1.8m, 2m

'A'	NOMINAL CLEAR OPENING	2m	2.5m	3m	3.5m	4m	4.5m	5m	5.5m	6m	6.5m	7m	7.5m	8m	8.5m	9m	9.5m	10m
'B'	HANG PORTAL CENTRES	1220	1216	1212	1456	1576	1696	1940	2184	2428	2424	2668	2912	3404	3648	3768	4012	4752
'C'	HANG/CLOSE PORTAL CENTRES	2326	2826	3326	3826	4326	4826	5326	5826	6326	6826	7326	7826	8326	8826	9326	9826	10326
'D'	OVERALL SITE DIMENSION	6289	7285	8281	9525	10645	11765	13009	14253	15497	16493	17737	18981	20473	21717	22837	24081	25821
'E'	TOTAL LEAF LENGTH	3839	4335	4831	5575	6195	6815	7559	8303	9047	9543	10287	11031	12023	12767	13387	14131	15371
'F'	SUPPORT WHEEL CENTRES	1250	1500	1750	1900	2100	2350	2650	2900	3150	3400	3650	3900	4150	4400	4700	4900	5000
'G'	MAIN BASE SIZE	2420	2416	2412	2656	2776	2896	3140	3384	3628	3624	3868	4112	4604	4848	4968	5212	5952
	TENSION WIRE REQUIRED	NONE	NONE	NONE	NONE	NONE	1	1	1	1	1	1	1	1	1 & 2	1 & 2	1 & 2	1 & 2

**NOTES.**  
 ALL DIMENSIONS ARE IN mm (UNO)  
 FOUNDATION SIZES ARE THE MINIMUM REQUIRED ASSUMING GROUND BEARING CAPACITY OF 100kN/m<sup>2</sup>  
 DEVIATION FROM DATUM LEVEL AT TOP OF GATE FOUNDATIONS NOT TO EXCEED ±10

NOMINAL RUNNING CLEARANCE UNDER GATE IS 125mm  
 M16 STUDDING TO BE LEFT 75mm ABOVE FOUNDATION LEVEL  
 M16 NUTS SHOULD BE INSTALLED ABOVE & BELOW BASEPLATES  
 ALLOW 20mm GROUT FOR LEVELLING PORTALS

ALL DUCTING TO HAVE DRAW CORDS INSTALLED.  
 DUCTS TO BE AT LEAST 450mm DEEP UNDER FGL, 600mm DEEP ACROSS ROADWAYS WITH WARNING TAPE INSTALLED 150mm ABOVE DUCTS. THESE DEPTHS ARE MIN.  
 ALL DUCTING MUST BE INSTALLED TO THE GATE PORTALS.  
 DUCTS SHOULD BE 'ANTI-CRUSH' FLEXIBLE DUCTING WITH SWEEP BENDS, NO ELBOWS & ALLOW FOR ADEQUATE ACCESS PITS FOR SERVICING.

All mains cable & low voltage cables where indicated & any ducting required for the complete installation, together with a RCD at the supply point to be INSTALLED & SUPPLIED BY CUSTOMER/CLIENT. The mains supply must be connected, terminated into our control cabinet & a electrical installation certificate raised. The testing electrician must be a qualified to the 17th edition of BS7671 & installed in accordance to Part 'P' of the building regulations. The connection & testing will have to be done at the same time of our installation if done after Jacksons will commission on a temporary supply from a mobile generator.

**MATERIALS.**  
 PORTALS: 80 x 80 x 3.6 SHS  
 RUNNING TUBE: ø178 x 5 CHS  
 RAILS: 60 x 40 x 2 RHS  
 STILES: 60 x 60 x 2 SHS  
 PALES: ø25 x 1.5 CHS  
**FINISH.**  
 GALVANISED TO BS EN ISO 1461  
 POWDER COATED: IF REQUESTED

TUBES, RAILS, PALES & POSTS UPTO 60 x 60 x 2 etc M.STEEL ERW to BS. EN 10305 PT 3/5 E220 + CR2 + S1 BLACK MATERIAL  
 GATE POSTS & POSTS LARGER THAN 60 x 60 x 2 EN 10219 - S235JR  
 ANGLE IRON & FLAT BAR BS EN 10025 - S275JR  
 CHANNELS etc BS EN 1002 - S275JR

**Jacksons**  
**FINE FENCING**

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DO NOT SCALE - IF IN DOUBT ASK

Drawn WB  
 Date 15/04/14  
 Checked CJ  
 Size A3  
 Scale NTS U.O.S

TITLE BARBICAN CANTILEVER SLIDING SINGLE GATE  
 IMPERIAL 124 PITCH AUTOMATED CRIB SHEET

CUSTOMER

Drawing No.

J1/03119A

Sheet 1A of 18A

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15/04/14 Original Issue

ACK No.