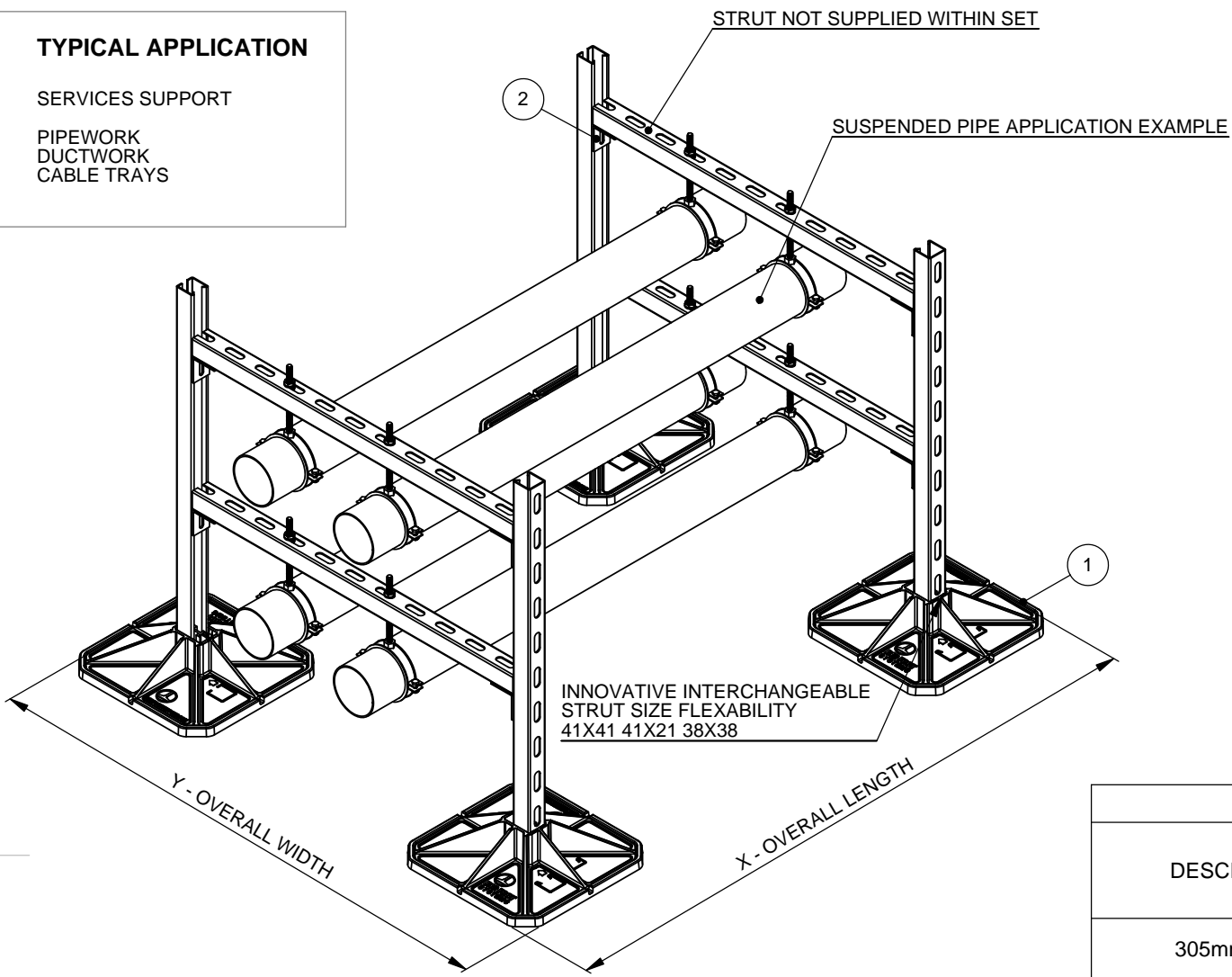


305MM H-FRAME SPECIFICATION SHEET

TYPICAL APPLICATION

SERVICES SUPPORT

PIPEWORK
DUCTWORK
CABLE TRAYS



305 H-FRAME APPLICATION ILLUSTRATION

H-FRAME SET DETAILS		
PART NUMBER		B6088
FOOT SIZE	mm	305
	inches	12
MAX LOAD PER FRAME	kg	300
	lbs	661
ALLOWABLE STRUT SIZES	mm	41x41, 41x21, 38x38
	inches	1.6 x 1.6, 1.6x0.8, 1.5 x 1.5

H-FRAME SET PERFORMANCE DETAILS & TECHNICAL CONSIDERATIONS											
DUCT SIZE		MIN. SHEET METAL THICKNESS		MAX. CENTRES		X - OVERALL LENGTH		Y - OVERALL WIDTH		FOOT PRESSURE	
mm	inches	mm	inches	m	feet	mm	inches	mm	inches	kN/m2	psi
400 x 100	15.7 x 3.9	0.6	3/127	3.0	9.8	3264	128.5	746	29.4	0.82	0.12
400 x 200	15.7 x 7.9	0.6	3/127	3.0	9.8	3264	128.5	746	29.4	0.93	0.13
400 x 300	15.7 x 11.7	0.6	3/127	3.0	9.8	3264	128.5	746	29.4	1.03	0.15
400 x 400	15.7 x 15.7	0.6	3/127	3.0	9.8	3264	128.5	746	29.4	1.14	0.17
600 x 200	23.6 x 7.9	0.8	4/127	3.0	9.8	2264	89.1	946	37.2	1.07	0.16
600 x 400	23.6 x 15.7	0.8	4/127	3.0	9.8	2264	89.1	946	37.2	1.27	0.18
600 x 600	23.6 x 23.6	0.8	4/127	3.0	9.8	2264	89.1	946	37.2	1.46	0.21
1000 x 400	39.4 x 15.7	0.8	4/127	2.5	8.2	1264	49.8	1346	53.0	1.19	0.17
1000 x 600	39.4 x 23.6	0.8	4/127	2.5	8.2	1264	49.8	1346	53.0	1.32	0.19
1000 x 800	39.4 x 31.5	0.8	4/127	2.5	8.2	1264	49.8	1346	53.0	1.44	0.21
1000 x 1000	39.4 x 39.4	0.8	4/127	2.5	8.2	1264	49.8	1346	53.0	1.57	0.23

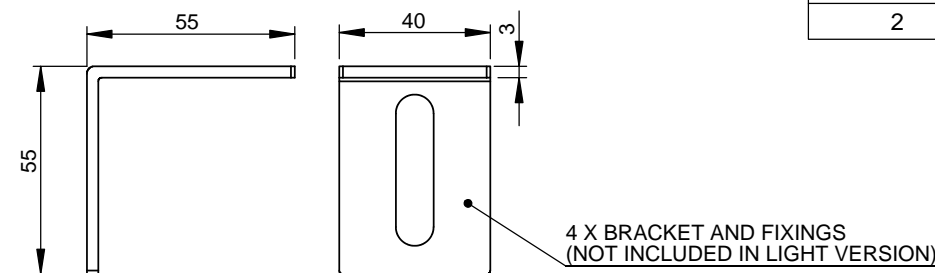
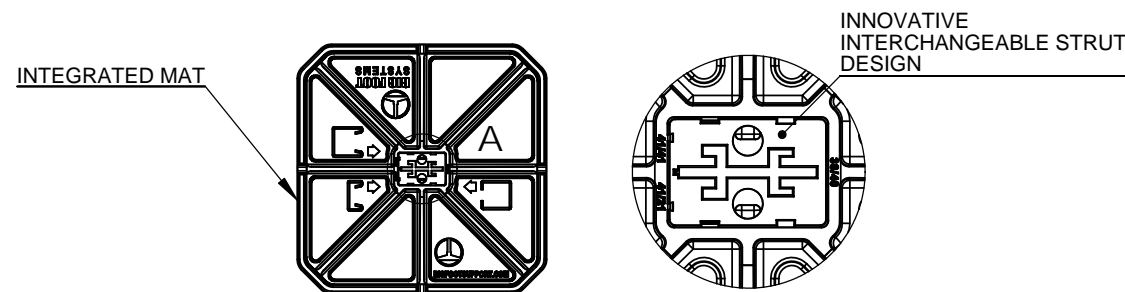
AS PER HVCA DW/144 RECTANGULAR DUCT ASPECT RATIO LESS THAN OR EQUAL TO 4:1 CALCULATION USING 41x41 STRUT AS PER BS 6946:1988

MATERIAL SPECIFICATION

DESCRIPTION	MATERIAL	REGULATION CONFORMANCE	DENSITY	FLEXURAL STRENGTH	YIELD STRENGTH	COMPRESSIVE STRENGTH
			kg/m3	MPa	MPa	MPa
305mm FOOT	POLYAMIDE 6		1140	210 (@ BREAK, 2mm/min)	250	-
305mm MAT	RECYCLED RUBBER CRUMB	BS7188:1989	650-1020	-	-	1.20 (@ 20%)
BRACKETS	GALVANISED STEEL ASTM-A36	BENISO1461:1999	7800	-	250	-

PRODUCT CONTENTS

305mm H-FRAME		
ITEM	DESCRIPTION	QUANTITY
1	305mmFOOT & INTEGRATED MAT	2
2	BRACKETS & FIXINGS	4



KEY FEATURES

BIG FOOT NBS SPECIFICATION CLAUSE

B6088 - BIG FOOT H FRAME, SMALL

+44(0)1323 844 355
TECHNICAL@BIGFOOTSUPPORT.COM
WWW.BIGFOOTSUPPORT.COM

TITLE:
305MM H FRAME SPECIFICATION SHEET

DWG NO. HF1004-01-01

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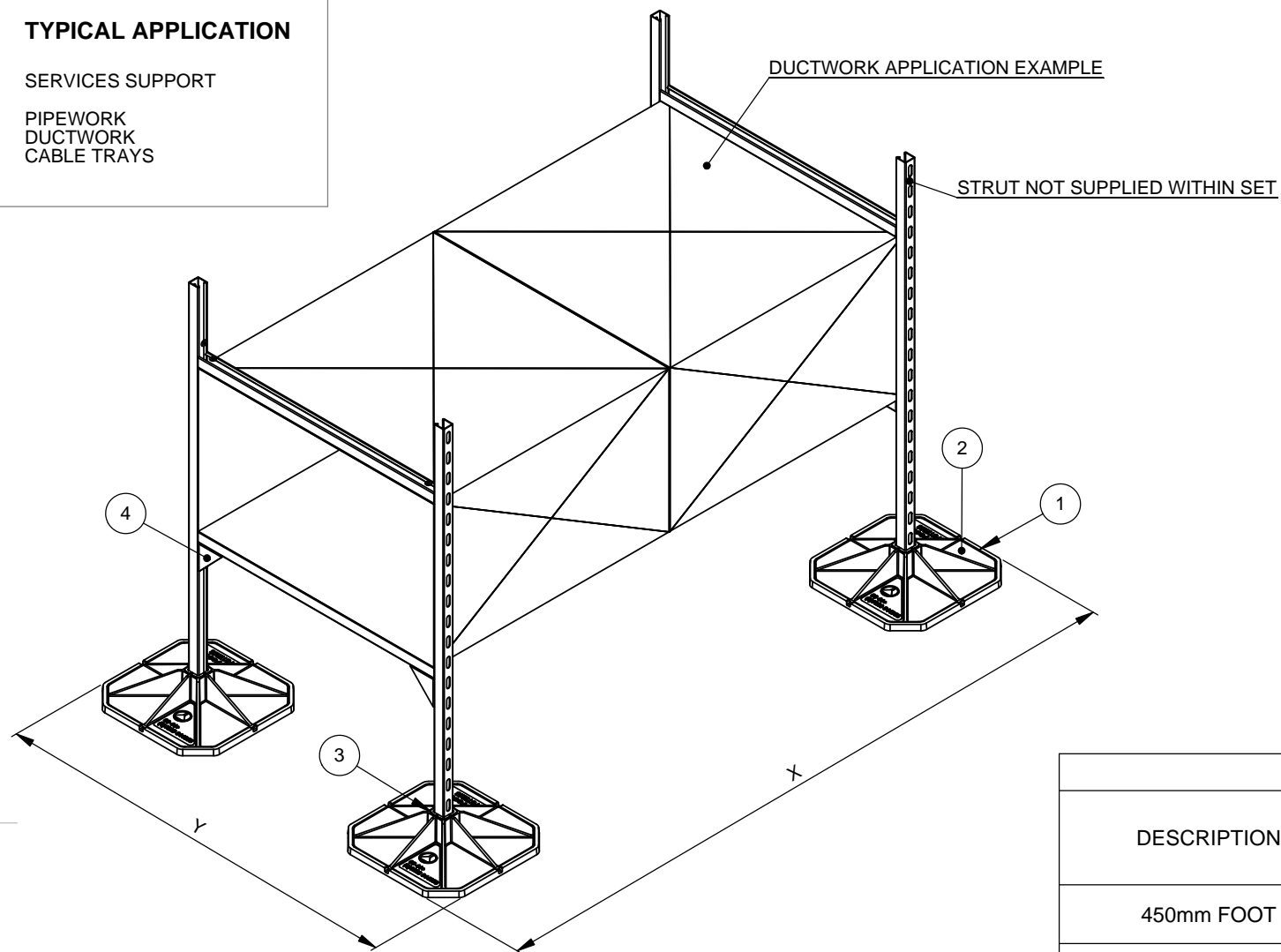
450MM H-FRAME SPECIFICATION SHEET

TYPICAL APPLICATION

SERVICES SUPPORT
PIPEWORK
DUCTWORK
CABLE TRAYS

DUCTWORK APPLICATION EXAMPLE

STRUT NOT SUPPLIED WITHIN SET



450 H-FRAME APPLICATION ILLUSTRATION

H-FRAME SET DETAILS			
PART NUMBER		B6089	
FOOT SIZE	mm	450	
	inches	17.7	
MAX LOAD PER FRAME	kg	500	
	lbs	1100	
ALLOWABLE STRUT SIZES	mm	41x41, 41x21, 38x38	
	inches	1.6 x 1.6, 1.6x0.8, 1.5 x 1.5	

H-FRAME SET PERFORMANCE DETAILS & TECHNICAL CONSIDERATIONS

DUCT SIZE		MIN. SHEET METAL THICKNESS		MAX. CENTRES		X - OVERALL LENGTH		Y - OVERALL WIDTH		FOOT PRESSURE	
mm	inches	mm	inches	m	feet	mm	inches	mm	inches	kN/m2	psi
400 x 100	15.7 x 3.9	0.6	3/127	3.0	9.8	3445	135.6	927	36.5	0.59	0.09
400 x 200	15.7 x 7.9	0.6	3/127	3.0	9.8	3445	135.6	927	36.5	0.64	0.09
400 x 300	15.7 x 11.7	0.6	3/127	3.0	9.8	3445	135.6	927	36.5	0.69	0.10
400 x 400	15.7 x 15.7	0.6	3/127	3.0	9.8	3445	135.6	927	36.5	0.74	0.11
600 x 200	23.6 x 7.9	0.8	4/127	3.0	9.8	2445	96.3	1127	44.4	0.71	0.10
600 x 400	23.6 x 15.7	0.8	4/127	3.0	9.8	2445	96.3	1127	44.4	0.79	0.11
600 x 600	23.6 x 23.6	0.8	4/127	3.0	9.8	2445	96.3	1127	44.4	0.88	0.13
1000 x 400	39.4 x 15.7	0.8	4/127	2.5	8.2	1445	56.9	1527	60.1	0.76	0.11
1000 x 600	39.4 x 23.6	0.8	4/127	2.5	8.2	1445	56.9	1527	60.1	0.82	0.12
1000 x 800	39.4 x 31.5	0.8	4/127	2.5	8.2	1445	56.9	1527	60.1	0.86	0.12
1000 x 1000	39.4 x 39.4	0.8	4/127	2.5	8.2	1445	56.9	1527	60.1	0.93	0.13

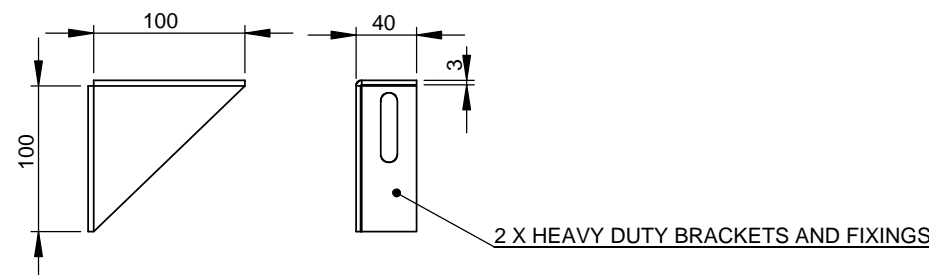
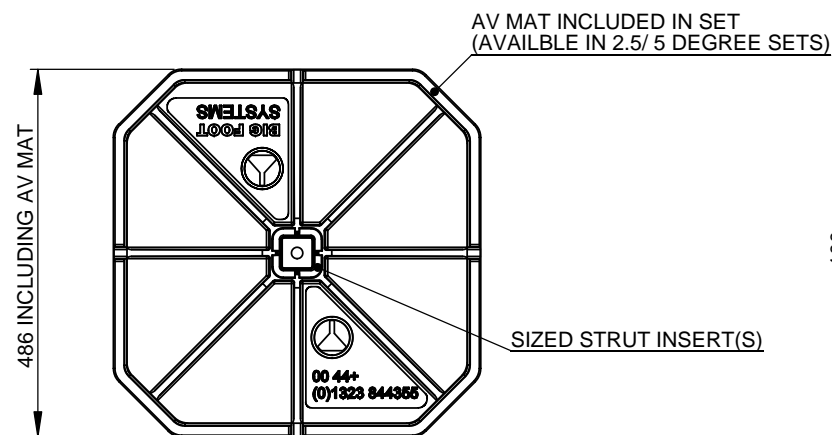
AS PER HVCA DW/144 RECTANGULAR DUCT ASPECT RATIO LESS THAN OR EQUAL TO 4:1 CALCULATION USING 41x41 STRUT AS PER BS 6946:1988

MATERIAL SPECIFICATION

DESCRIPTION	MATERIAL	REGULATION CONFORMANCE	DENSITY	FLEXURAL STRENGTH	YIELD STRENGTH	COMPRESSIVE STRENGTH
			kg/m3	MPa	MPa	MPa
450mm FOOT	POLYAMIDE 6		1140	210 (@ BREAK, 2mm/min)	250	-
450mm MAT	RECYCLED RUBBER CRUMB	BS7188:1989	650-1020	-	-	1.20 (@ 20%)
BRACKETS	GALVANISED STEEL ASTM-A36	BENISO1461:1999	7800	-	250	-

PRODUCT CONTENTS

450MM H-FRAME		
ITEM	DESCRIPTION	QUANTITY
1	450MM MAT	2
2	450MM FOOT	2
3	INSERT	2
4	HEAVY DUTY BRACKETS & FIXINGS	2



KEY FEATURES

BIG FOOT NBS SPECIFICATION CLAUSE

B6089 - BIG FOOT H FRAME, LARGE

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TECHNICAL@BIGFOOTSUPPORT.COM
WWW.BIGFOOTSUPPORT.COM

TITLE:
450MM H FRAME SPECIFICATION SHEET

DWG NO. HF1004-02-02

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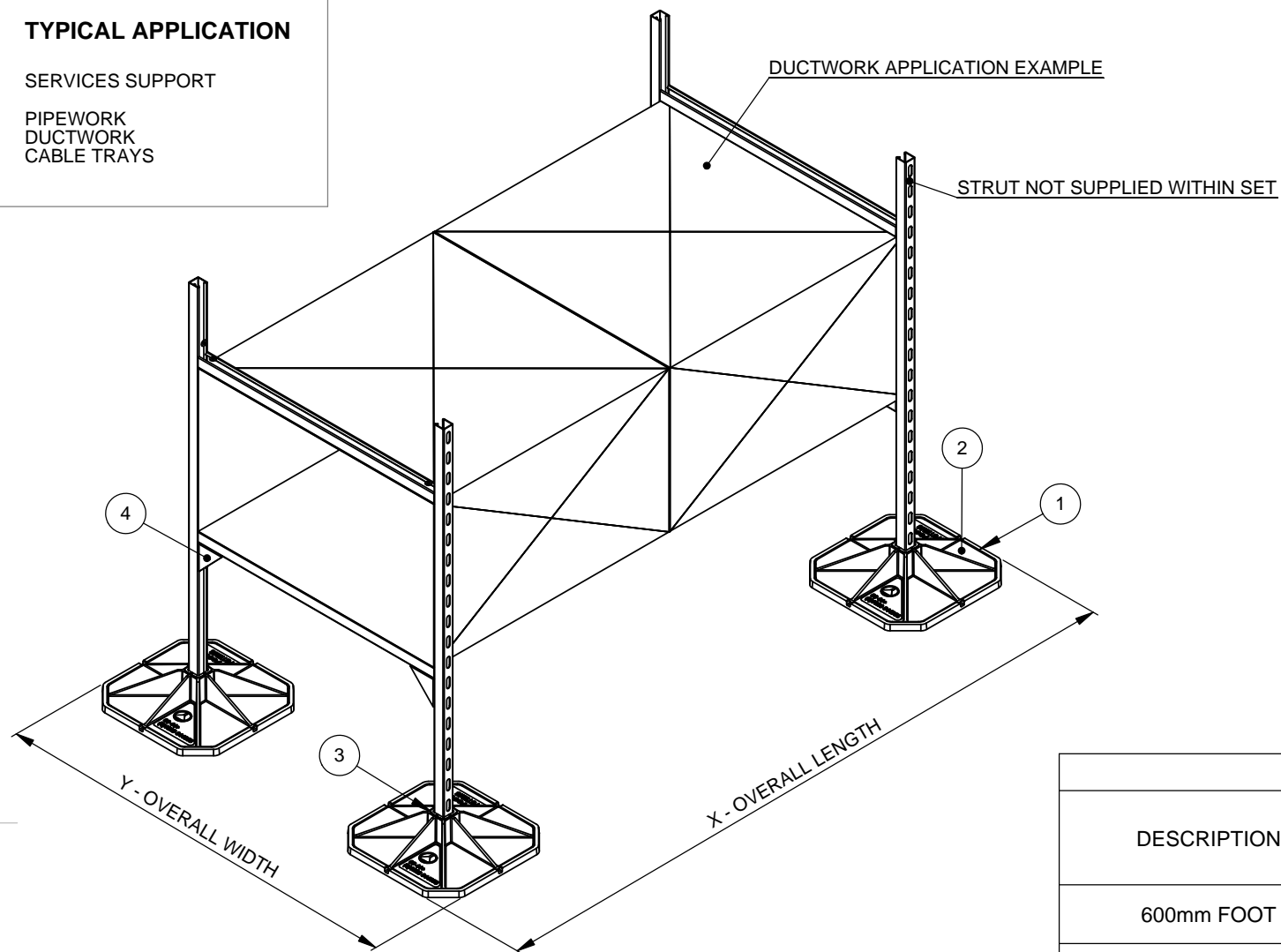
600MM H-FRAME SPECIFICATION SHEET

TYPICAL APPLICATION

SERVICES SUPPORT
PIPEWORK
DUCTWORK
CABLE TRAYS

DUCTWORK APPLICATION EXAMPLE

STRUT NOT SUPPLIED WITHIN SET



450 H-FRAME APPLICATION ILLUSTRATION

H-FRAME SET DETAILS			
PART NUMBER		B9222	
FOOT SIZE	mm	600	
	inches	23.6	
MAX LOAD PER FRAME	kg	500	
	lbs	1100	
ALLOWABLE STRUT SIZES	mm	41x41, 41x21, 38x38	
	inches	1.6 x1.6, 1.6x0.8, 1.5 x 1.5	

H-FRAME SET PERFORMANCE DETAILS & TECHNICAL CONSIDERATIONS

DUCT SIZE		MIN. SHEET METAL THICKNESS		MAX. CENTRES		X - OVERALL LENGTH		Y - OVERALL WIDTH		FOOT PRESSURE	
mm	inches	mm	inches	m	feet	mm	inches	mm	inches	kN/m2	psi
400 x 100	15.7 x 3.9	0.6	3/127	3.0	9.8	3601	141.8	1083	42.6	0.47	0.07
400 x 200	15.7 x 7.9	0.6	3/127	3.0	9.8	3601	141.8	1083	42.6	0.50	0.07
400 x 300	15.7 x 11.7	0.6	3/127	3.0	9.8	3601	141.8	1083	42.6	0.53	0.08
400 x 400	15.7 x 15.7	0.6	3/127	3.0	9.8	3601	141.58	1083	42.6	0.55	0.08
600 x 200	23.6 x 7.9	0.8	4/127	3.0	9.8	2601	102.4	1283	50.5	0.54	0.08
600 x 400	23.6 x 15.7	0.8	4/127	3.0	9.8	2601	102.4	1283	50.5	0.59	0.09
600 x 600	23.6 x 23.6	0.8	4/127	3.0	9.8	2601	102.4	1283	50.5	0.64	0.09
1000 x 400	39.4 x 15.7	0.8	4/127	2.5	8.2	1601	63.0	1683	66.3	0.57	0.08
1000 x 600	39.4 x 23.6	0.8	4/127	2.5	8.2	1601	63.0	1683	66.3	0.60	0.09
1000 x 800	39.4 x 31.5	0.8	4/127	2.5	8.2	1601	63.0	1683	66.3	0.63	0.09
1000 x 1000	39.4 x 39.4	0.8	4/127	2.5	8.2	1601	63.0	1683	66.3	0.66	0.10

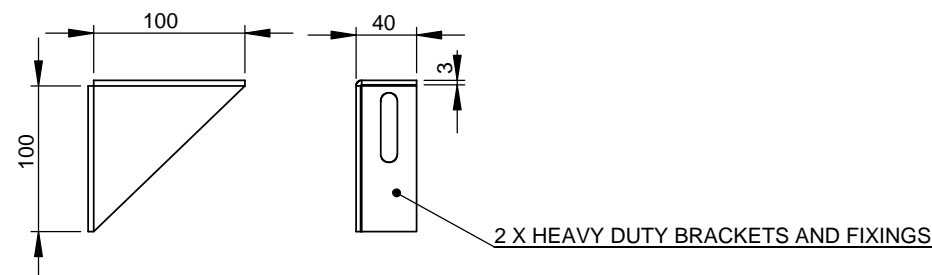
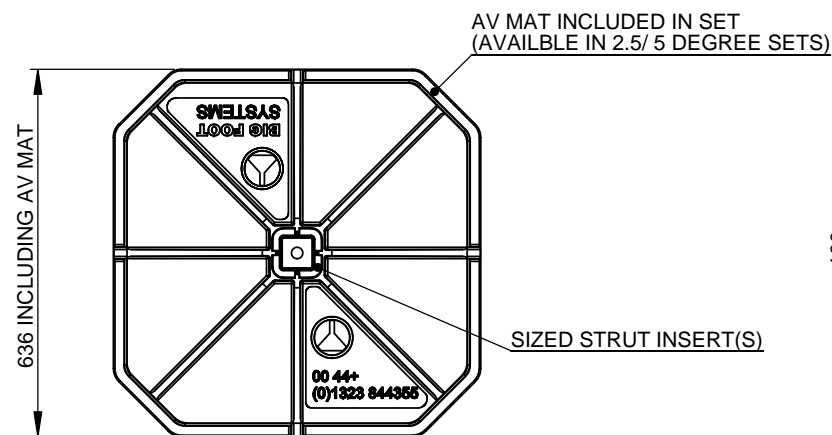
AS PER HVCA DW/144 RECTANGULAR DUCT ASPECT RATIO LESS THAN OR EQUAL TO 4:1 CALCULATION USING 41x41 STRUT AS PER BS 6946:1988

MATERIAL SPECIFICATION

DESCRIPTION	MATERIAL	REGULATION CONFORMANCE	DENSITY	FLEXURAL STRENGTH	YIELD STRENGTH	COMPRESSIVE STRENGTH
			kg/m3	MPa	MPa	MPa
600mm FOOT	POLYAMIDE 6		1140	210 (@ BREAK, 2mm/min)	250	-
600mm MAT	RECYCLED RUBBER CRUMB	BS7188:1989	650-1020	-	-	1.20 (@ 20%)
BRACKETS	GALVANISED STEEL ASTM-A36	BENISO1461:1999	7800	-	250	-

PRODUCT CONTENTS

600MM H-FRAME		
ITEM	DESCRIPTION	QUANTITY
1	600MM MAT	2
2	600MM FOOT	2
3	INSERT	2
4	HEAVY DUTY BRACKETS & FIXINGS	2



KEY FEATURES

TITLE:
600MM H FRAME SPECIFICATION SHEET

DWG NO.
HF1004-02-03

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